FORM
5

Application No. :
Reference No. :
(For official use)

FORM 5
ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE
(CHAPTER 499)
SECTION 13(1)

Application for Variation of an Environmental Permit

PART A PREVIOUS APPLICATIONS

☑ No previous application for variation of an environmental permit.

☐ The environmental permit was previously amended.

Application No. : ....

PART B DETAILS OF APPLICANT

B1. Name : (person or company)

Civil Engineering and Development Department

[Note : In accordance with section 13(1) of the Ordinance, the person holding an environmental permit or a person who assumes responsibility for the designated project may apply for variation of the environmental permit.]

B2. Business Registration No. : (if applicable) [redacted]

B3. Correspondence Address :

[redacted]

B4. Name of Contact Person : [redacted]

B5. Position of Contact Person : [redacted]

B6. Telephone No. : [redacted]

B7. Fax No. : [redacted]

B8. E-mail Address : (if any) [redacted]

PART C DETAILS OF CURRENT ENVIRONMENTAL PERMIT

C1. Name of the Current Environmental Permit Holder :

Civil Engineering and Development Department

C2. Application No. of the Current Environmental Permit : AEP-471/2013

C3. The Current Environmental Permit was Issued in : month / year

1 1 / 2 0 1 3

Important Notes : Please submit the application together with

(a) 3 copies of this completed form; and

(b) appropriate fee as stipulated in the Environmental Impact Assessment (Fees) Regulation

to the Environmental Protection Department at the following address :

The EIA Ordinance Register Office,
27th floor, Southorn Centre,130 Hennessy Road,
Wan Chai, Hong Kong.

☐ Tick (✓) the appropriate box

EPD185

PART D PROPOSED VARIATIONS TO THE CONDITIONS IN CURRENT ENVIRONMENTAL PERMIT

D1. Condition(s) in the Current Environmental Permit :	D2. Proposed Variation(s) :	D3. Reason for Variation(s) :	D4. Describe the environmental changes arising from the proposed variation(s) :	D5. Describe how the environment and the community might be affected by the proposed variation(s) :	D6. Describe how and to what extent the environmental performance requirements set out in the EIA report previously approved or project profile previously submitted for this project may be affected :	D7. Describe any additional measures proposed to eliminate, reduce or control any adverse environmental impact arising from the proposed variation(s) and to meet the requirements in the Technical Memorandum on Environmental Impact Assessment Process :
- Figure 2; and - EP Condition 2.7: "To mitigate traffic noise impact arising from the Project, the Permit Holder shall implement all noise mitigation measures as shown in Figure 2 of this Permit before commencement of operation of the Project. All noise mitigation measures implemented shall be properly maintained during operation of the Project."	Minor changes in the traffic noise mitigation measures on Po Shek Wu Interchange Improvement defined as Designated Project 8 (DP8) in the EIA Report, is proposed. In view of the above, it is proposed to - Remove Figure 2; and - Vary EP Condition 2.7. EP Condition 2.7 is proposed to be varied to "To mitigate traffic noise impact arising from the Project, the Permit Holder shall submit a detailed Traffic Noise Mitigation Measures Plan to demonstrate the noise compliance due to the operation for approval by the Director before commencement of construction of the Project. All noise mitigation measures implemented shall be properly maintained during operation of the Project."	Please refer to Section 2.1 of "Environmental Review Report for Po Shek Wu Interchange Improvement".	Please refer to Section 2.1 of "Environmental Review Report for Po Shek Wu Interchange Improvement".	Please refer to Section 2.2 of "Environmental Review Report for Po Shek Wu Interchange Improvement".	Please refer to Section 3.6 and 4.5 of "Environmental Review Report for Po Shek Wu Interchange Improvement".	Please refer to Section 6 of "Environmental Review Report for Po Shek Wu Interchange Improvement".

PART E DECLARATION BY APPLICANT

E1. I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand the environmental permit may be suspended, varied or cancelled if any information given above is false, misleading, wrong or incomplete.

[redacted]	[redacted]	[redacted]
Signature of Applicant	Full Name in Block Letters	Position

on behalf of Civil Engineering and Development Department — Company Name and Chop (as appropriate)

September 2022 — Date

NOTES :

1. A person who constructs or operates a designated project in Part I of Schedule 2 of the Ordinance or decommissions a designated project listed in Part II of Schedule 2 of the Ordinance without an environmental permit or contrary to the permit conditions commits an offence under the Ordinance and is liable to a maximum fine of $5,000,000 and to a maximum imprisonment for 2 years.

2. A person for whom a designated project is constructed, operated or decommissioned and who permits the carrying out of the designated project in contravention of the Ordinance commits an offence and is liable to a maximum fine of $5,000,000 and to a maximum imprisonment for 2 years.

土木工程拓展署
CEDD Civil Engineering and Development Department
North Development Office

Agreement No. CE 20/2019 (HY)

Improvement of Tai Tau Leng Roundabout And Fanling Highway (Kwu Tung Section) – Design and Construction

Environmental Review Report for Improvement of Po Shek Wu Interchange

September 2022

Reviewed: Raymond Pau 16 September 2022

Approved for Issue: David Ho 16 September 2022

AECOM ASIA COMPANY LIMITED

Disclaimer:

*This report is prepared for **Civil Engineering and Development Department (CEDD)** and is given for its sole benefit in relation to and pursuant to **Agreement No. CE 20/2019 (HY) Improvement of Tai Tau Leng Roundabout and Fanling Highway (Kwu Tung Section) – Design and Construction** and may not be disclosed to, quoted to or relied upon by any person other than CEDD without our prior written consent. No person (other than **CEDD**) into whose possession a copy of this report comes may rely on this report without our express written consent and **CEDD** may not rely on it for any purpose other than as described above.*

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1 INTRODUCTION

1.1 Background

1.1.1 The North East New Territories (NENT) New Development Areas (NDAs) Planning and Engineering (P&E) Study, after consideration and incorporation of comments from the three-stage public engagement programme, planned to proceed with development in the Kwu Tung North (KTN) and Fanling North (FLN). The NENT NDAs P&E Study is a designated project under Item 1 Schedule 3 of the Environmental Impact Assessment Ordinance (EIAO), and covers a total of thirteen individual designated projects which require environmental permits under Schedule 2 of EIAO.

1.1.2 An EIA Report was prepared to assess the environmental impacts associated with the proposed construction and operational works of the NENT NDAs. The EIA Report (Register No. AEIAR-175/2013) was approved by the Director of Environmental Protection (DEP) on 18 October 2013 with approval conditions stipulated in the Director's letter (Reference: (45) in EP2/N7/S3/57 Pt.3). There are twelve Environmental Permits (EPs) and two Further Environmental Permits (FEPs) issued by DEP on 21 November 2013, 1 February 2018 and 16 March 2021 respectively to cover all the identified designated projects in NENT NDAs.

1.1.3 The construction and operation of Po Shek Wu Interchange Improvement (hereinafter known as "the Project"), which is defined as Designated Project 8 (DP8) in EIA Report, is governed by EP-471/2013. The location of the Project is provided in **Appendix 1.1**.

1.1.4 As stipulated in Condition 2.7 of EP-471/2013, all noise mitigation measures as shown in Figure 2 of the Permit (**Appendix 1.2** refers) shall be implemented before commencement of operation of the Project. Minor changes in the traffic noise mitigation measures on the Project has been identified based on the latest design review.

1.1.5 An environmental review has been conducted to confirm the acceptability of environmental performance of the Project due to the proposed minor change of traffic noise mitigation measures for supporting the VEP application.

1.2 Objective of this Report

1.2.1 This Environmental Review Report (ERR) has been prepared to assess the likely environmental issues associated with the proposed minor change. It will form part of the submission to the Environmental Protection Department (EPD) for the application of a variation to the Condition 2.7 of the EP.

2 PROPOSED CHANGES

2.1 Proposed Changes and Reason of Changes

2.1.1 During the design stage of the Project, the practicability of the proposed traffic noise mitigation measures was reviewed. It was identified that the proposed FLN-FE01, an approximately 150 m full enclosure (**Appendix 2.1** refers), would block the existing local road of Tai Tau Leng Village, and thus FLN-FE01 should be modified to maintain the accessibility of Tai Tau Leng Village. Due consideration should also be given to sightline constraint in the design of modification at FLN-FE01.

2.1.2 An approx. 14 m opening at FLN-FE01 is required to maintain traffic between northbound of Po Shek Wu Interchange and the existing local road of Tai Tau Leng Village, as shown in **Figure 2.1**. A vertical noise barrier of approx. 42 m is proposed up to the full enclosure at the central divider of Po Shek Wu Interchange to screen the traffic noise from southbound of Po Shek Wu Interchange. A summary of the proposed changes of FLN-FE01 is provided in **Table 2.1**. All proposed mitigation measures under the Project fulfil relevant engineering and design requirements, and are confirmed to be practicable by Project Engineer.

Table 2.1 Summary of Proposed Changes of FLN-FE01

ID of Noise Barrier	Original Type and Approx. Extent		Proposed ID of Noise Barrier	Proposed Changes	
	Type	Approx. Length, m		Type	Approx. Length, m
FLN-FE01	Full Enclosure	150	FLN-FE01	Full Enclosure with 14m opening	150
				Additional vertical noise barrier up to the full enclosure	42

2.2 Environmental Aspects of Concern Due to Proposed Changes

2.2.1 As mentioned in **Section 2.1**, only localised and minor changes are proposed at FLN-FE01. There is no change in the road alignment of the Project. The proposed changes are related to the traffic noise mitigation measures as presented in **Appendix 1.2**. It is expected that the proposed changes of noise enclosure would not induce additional environmental impacts during the construction phase of the Project as the construction methods, PME inventory and the mitigation measures proposed in the EIA Report remain valid.

2.2.2 The purpose of the installation of noise enclosure is to mitigate the traffic noise impact to acceptable levels. As such, the proposed changes on FLN-FE01 may have implication to the road traffic noise impact during the operational phase and further review on the traffic noise impact should be conducted.

2.2.3 In respect to the nature and scope of the proposed minor changes as discussed in **Section 2.1**, the potential impacts due to the proposed changes have been reviewed and are summarised in **Table 2.2**.

Table 2.2 Potential Impacts associated with the Proposed Changes

Potential Impact	Construction Phase	Operational Phase
Air Quality	x	√(1)
Noise	x	√(2)
Water Quality	x	x
Sewerage	x	x
Waste Management	x	x

Potential Impact	**Construction Phase**	**Operational Phase**
Implications		
Land Contamination	x	x
Hazard to Life	x	x
Landfill Gas Hazard	x	x
Cultural Heritage	x	x
Landscape and Visual	x	x
Ecology	x	x
Fisheries	x	x

Notes:
√ – Possible impact; X – Impact not expected.

(1) The proposed changes of FLN-FE01 would only involve minor opening of noise enclosure. The air quality impact due to changes should only be minor, as the changes will only lead to slight effect on the dispersion of vehicular emissions as compared with the existing condition (i.e. without noise enclosure). Further review on the air quality impact has been conducted and discussed in **Section 3**.

(2) Further review on the traffic noise impact has been conducted and discussed in **Section 4**.

3 AIR QUALITY IMPACT ASSESSMENT

3.1 Introduction

3.1.1 This section presents the evaluation findings of potential air quality impacts associated with the proposed change of noise barrier design during the operational phase (**Figure 2.1** refers).

3.2 Environmental Legislation, Standards, Guidelines and Criteria

3.2.1 The new Air Quality Objectives (AQOs) was implemented on 1 January 2022. However, with reference to the general notice issued by EPD on 2 July 2021. "*The New Air Quality Objectives and assessment of air quality impact of a project under the Environmental Impact Assessment Ordinance ('EIAO') (Cap. 499)*", in relation to the EIAO, provides for a time-limited transitional period to the effect that, for a project in respect of which an environmental permit ('EP') has been issued under the EIAO before 1 January 2022, the new AQOs shall not apply to an application for variation of the EP submitted within 36 months from 1 January 2022.

3.2.2 Since the EP of the Project was granted on 21 November 2013 (i.e. before 1 January 2022), and the application for variation of the EP will be submitted within 36 months from 1 January 2022, the new AQOs shall not apply to this assessment for variation of the EP. The relevant applicable AQOs are listed in **Table 3.1**.

Table 3.1 Hong Kong Air Quality Objectives (Year 2014 – 2021)

Pollutants	Averaging Time	Concentration Limit (µg/m3) (1)	No. of Exceedances to be Allowed per Calendar Year
Respirable Suspended Particulates (PM_{10} / RSP) (2)	24-hour	100	9
	1-year	50	Not applicable
Fine Suspended Particulates ($PM_{2.5}$ / FSP) (3)	24-hour	75	9
	1-year	35	Not applicable
Nitrogen Dioxide (NO_2)	1-hour	200	18
	1-year	40	Not applicable

Notes:
(1) All measurements of the concentration of gaseous air pollutants, i.e. sulphur dioxide, nitrogen dioxide, ozone, and carbon monoxide, are to be adjusted to a reference temperature of 293 Kelvin and a reference pressure of 101.325 kilopascal.
(2) Respirable suspended particulates means suspended particles in air with a nominal aerodynamic diameter of 10 µm or less.
(3) Fine suspended particulates means suspended particles in air with a nominal aerodynamic diameter of 2.5 µm or less.

3.3 Study Area and Sensitive Receivers

3.3.1 The study area for air quality impact assessment is defined as a distance of 500 m from the project boundary. The representative ASRs that near FLN-FE01 followed the same assessment points as adopted in the P&E ERR (i.e. KTN-E1014, KTN-E1015, KTN-E1016, FLN-E104 and FLN-E105), while two new ASRs (i.e. KTN-A001, KTN-A002) were added at the residential buildings close to the proposed opening. Details of the representative ASRs are presented in **Table 3.2** and shown in **Figure 3.1** with the illustration of the 500 m study area.

Table 3.2 Representative Air Sensitive Receivers

ASR ID	Description	Land Use	Assessment Height Above Ground (mAG)	The shortest distance from the ASRs to the proposed opening of FLN-FE01, m
KTN-E1014	106 Tai Tau Leng	Residential	1.5 – 10	145
KTN-E1015	1-2 Tai Tau Leng 5th Lane	Residential	1.5 – 10	85
KTN-E1016	Choi Ngan House	Residential	1.5 – 110	65
FLN-E104	Choi Ngan House	Residential	1.5 – 110	70
FLN-E105	135 Tai Tau Leng	Residential	1.5 – 10	100
KTN-A001	3 Tai Tau Leng	Residential	1.5 – 10	25
KTN-A002	Proposed Residential	Residential	1.5 – 10	18

3.4 Identification of Emission Sources

3.4.1 Potential air quality impacts during the operational phase of the Project would be associated with the following pollution sources:

Emission Sources Within 500 m Study Area

- Background pollutant concentrations;
- Vehicular emissions from open sections of existing roads within 500 m from the Project boundary;
- Vehicular emissions associated with the existing bus termini and heavy goods vehicle parking sites (see **Appendix 3.6**);
- Portal emissions from the full enclosures on Po Shek Wu Road and Fanling Highway (see **Appendix 3.5**); and
- Existing industrial emissions (see **Appendix 3.7**).

Other Major Point Sources Within 4 km

- Industrial Emissions from Wo Hop Shek Crematorium (see **Appendix 3.7**); and
- Industrial Emissions from KWah Asphalt Plant (AP-1) (see **Appendix 3.7**).

3.5 Air Quality Impact Assessment Methodology

Background Pollutant Concentrations – PATH v2.1 Model

3.5.1 As suggested by "Guidelines on Assessing the TOTAL Air Quality Impacts", an integrated modelling system, PATH v2.1 which is developed and maintained by EPD, was applied to estimate the background pollutant concentrations. The emission sources including those in Pearl River Delta Economic Zone, roads, marine, airport, power plants and industries within Hong Kong are all considered in the PATH v2.1 model. The study area covers (35,53) grid cell of PATH v2.1. The proposed work will be completed in Year 2028. As Year 2025 is the closest available year in PATH v2.1 data currently, PATH v2.1 data for the Year 2025 were adopted as the background concentration of assessment.

Vehicle Emissions from Open Roads – EMFAC-HK Model and CALINE4

3.5.2 Open section of existing and planned road networks within 500 m Study Area of the Project were identified. The predicted 24-hour traffic flow and vehicle compositions at the identified roads during the operational phase provided by the traffic consultant were adopted to assess the potential air quality impact from the open roads. The traffic data adopted for the assessment is presented in **Appendix 3.1**.

3.5.3 EMFAC-HK v4.3 model was adopted to determine the vehicle emission factors of NOx (i.e. initial NO + initial NO_2), FSP and RSP for vehicle emissions arising from open road within 500m study area. The "vehicle fleet" refers to all motor vehicles operating on roads within this study area. The modelled fleet is broken down into 18 vehicle classes based on the information in the *Appendix 1 of Guideline on Modelling Vehicle Emissions* published by EPD.

3.5.4 The vehicular emission burdens of NO_x (i.e. NO + NO_2), RSP, and FSP from commencement year to 15 years afterward, namely Year 2028, 2036 and 2044, were estimated by using EMFAC-HK model as a sensitivity test to identify the assessment year and are shown in **Appendix 3.2**. Given traffic data in 2029 available for this study and the traffic flow in 2029 should be higher than that in 2028, the traffic forecast data in 2029 with combination of Exhaust Technology Fraction in 2028 was adopted to calculate the vehicular emission of 2028. With reference to the abovementioned approach, the vehicular emission attained the highest in 2028. Therefore, 2028 was selected as the assessment year.

3.5.5 The NO, NO_2, RSP and FSP running exhaust and start emission factors of 18 vehicle classes are predicted by EMFAC-HK. The calculated 24-hour composite emission factors of 18 vehicle classes for each road were then adopted in the subsequent air dispersion modelling (i.e. CALINE4). For the estimation of short-term and long-term air quality impact of NO_2, RSP and FSP except long-term air quality impact of NO_2, the lowest temperature and relative humidity (i.e. 2 degrees Celsius and 16%) in 2021 from Sheung Shui automatic weather station as provided by Hong Kong Observatory (HKO) were adopted for the model input. While for the estimation of long-term air quality impact of NO_2 (i.e. annual average NO_2), the daily profile of averaged temperature and relative humidity data in each hour for each month (i.e. 24 hours data in each month and for 12 months) provided by HKO at Sheung Shui Weather Station for 2021 were adopted. The EMFAC-HK model assumptions and emission factors are presented in **Appendix 3.2** and **Appendix 3.3** respectively.

3.5.6 CALINE4 dispersion model was used for the calculation of NO, NO_2, FSP and RSP concentrations. Open sections of existing and planned road networks within the study area were considered in the model. The surface roughness coefficients of 100 cm for (35,53) grid was taken in CALINE4 model, which is the typical value for the new development area advised in "Guidelines on Choice of Model and Model Parameters" by EPD.

3.5.7 Under the current EPD guideline, the hourly meteorological data including wind speed, wind direction, and air temperature from the relevant grids from the WRF Meteorological data (the same basis for PATH v2.1 model), were employed for the model run. The minimum wind speed was capped at 1 m/s. The mixing height was capped between 131 m and 1,941 m according to the observation in 2015 by HKO. PCRAMMET was further applied to generate Pasquill-Gifford stability class for the meteorological input to CALINE4 model based on the WRF meteorological data.

3.5.8 With reference to **Figure 2.1**, secondary air quality impact arising from the existing and committed vertical and cantilevered noise barriers, as well as the proposed noise mitigation measures, such as noise barriers (e.g., FLN-NB01, FLN-NB02, FLN-NB03, KTN-NB66, KTN-NB68, KTN-NB6 etc.) and semi-enclosures (e.g., FLN-SE01, FLN-SE02) along Fanling Highway and Po Shek Wu Road, under the NENT NDAs P&E Study were incorporated into the assessment. For vertical noise barriers, the elevation of the road section was set to the elevation of the barrier top in the CALINE4 model. For cantilevered noise barriers and semi-enclosures, it is assumed that dispersion of traffic pollutants is in effect similar to physically shifting the road section towards the tip of the cantilevered barrier or the opening side of the semi-enclosure. As such, the alignment of the road section has been shifted by a distance equal to the covered extent in the CALINE4 model.

3.5.9 The start emissions of vehicles were distributed on local and rural roads with post speed of 50 km/hr with the number of trips for each vehicle class assumed directly proportional to VKT and estimated by the following formula. Trip within Hong Kong and VKT within Hong Kong was obtained from the default values from EMFAC-HK, and VKT within the study area was calculated by multiplying the number of vehicles by the distance travelled within the study area.

$$\begin{aligned} &Trips\ for\ local\ and\ rural\ roads\ within\ the\ study\ area \\ &\quad = VKT\ for\ local\ and\ rural\ roads\ within\ the\ study\ area \\ &\quad \times \frac{Trip\ for\ local\ and\ rural\ roads\ within\ Hong\ Kong}{VKT\ for\ local\ and\ rural\ roads\ within\ Hon\ Kong} \end{aligned}$$

Portal Emissions from the Proposed Full Enclosures at Po Shek Wu Road and Fanling Highway – AERMOD

3.5.10 The AMS/EPA Regulatory Model (AERMOD) dispersion model was used to predict the portal and industrial emissions in the study area.

3.5.11 Hourly meteorological conditions including wind data, temperature, relative humidity, pressure cloud cover and mixing height of 2015 were extracted from the WRF meteorological data adopted in the PATH v2.1 system. The minimum wind speed was capped at 1 m/s. The mixing height was capped between 131 m and 1,941 m according to the observation in 2015 by HKO. The height of the input data was assumed to be 9 m above ground for the first layer of the WRF data as input. In order to avoid any missing hours misidentified by AERMOD and its associated components, the WRF met data was handled manually to set wind direction between 0° – 0.1° to be 360°. The meteorological data was inputted as on-site data into AERMET.

3.5.12 Surface characteristic parameters such as albedo, Bowen ratio, and surface roughness are required in the AERMET (the meteorological pre-processor of AERMOD). The land use characteristics of the surrounding are classified, and these parameters of each land use are then suggested by AERMET by default according to its land use characteristics. The detailed assumption of AERMET is presented in **Appendix 3.4**.

3.5.13 The portal emissions (NO_2, NO, FSP and RSP) from the proposed full enclosures at Po Shek Wu Road (FLN-FE01) and Fanling Highway (KTN-FE05) were calculated based on the 24-hour vehicle emission factors predicted by the EMFAC-HK model and vehicle flows provided by the traffic consultant in the assessment year.

3.5.14 The full noise enclosure (FLN-FE01) covers two-way traffic (i.e. both southbound and northbound) on Po Shek Wu Road. According to EPD's Guidelines on Choice of Models and Model Parameters, emissions arising from underpasses or any horizontal openings of the like are treated as area or point sources depending on the source physical dimensions. The emission released from the proposed opening was thus calculated with reference to the Guideline and the approved EIA report (AEIAR-175/2009 - Road Works in West Kowloon), where 18.7% of total emissions from FLN-FE01 (based on opening length of 14 m out of the first 50 m of the opening which the first 2/3 of total emissions to be dispersed from the proposed opening) was modelled as the four (4) layers of "AREAPOLY" source, reflecting the 3-dimensional nature of the opening. As a conservative assumption, about 18.7% of portal emissions would be dispersed out at the proposed opening while 100% of portal emissions would be ejected at the portal along Po Shek Wu Road.

3.5.15 Portal emissions ejected from the proposed full noise enclosures along Po Shek Wu Road and Fanling Highway were modelled in accordance with the Permanent International Association of Road Congress Report (PIARC, 1991). Pollutants were assumed to eject from the portal as a portal jet such that 2/3 of the total emissions were dispersed within the first 50 m of the portal and the remaining 1/3 of the total emission within the second 50 m. The locations and detailed calculation of portal emissions are presented in **Appendix 3.5**. Considering of horizontal jet, portal emissions are modelled as "VOLUME" source.

Vehicular Emissions associated with the existing bus termini and heavy goods vehicle parking sites – AERMOD

3.5.16 Despite the inclusion of start emissions on local and rural roads for all vehicle classes as detailed in **Appendix 3.3**, start emissions induced by the identified bus terminus (Choi Yuen Estate Bus Terminus) and HGV parking site (Jumbo Plaza HGV Car Park) were further simulated to avoid any underestimation of air quality impact at the exit of the bus terminus and HGV parking site. As KMB Sheung Shui Shek Wu Hui Depot will be developed into a housing development with the anticipated population intake year in 2026 / 2027, it was not included in the calculation of start emissions of bus terminus/ HGV Carpark. The start emissions, running exhaust emissions and idling emissions associated with the vehicles at the existing bus terminus and HGV parking site within the assessment area were calculated based on the start emission and running exhaust factors predicted by EMFAC-HK model, cold idling emission factors from the Calculation of Start Emissions in Air Quality Impact Assessment published by EPD, warm idling emission factors from Road Tunnels: Vehicle Emissions and Air Demand for Ventilation published by World Road Association and traffic data provided by the traffic consultant.

3.5.17 Calculations of emissions associated with the bus terminus (Choi Yuen Estate Bus Terminus) and HGV parking sites (Jumbo Plaza HGV carpark) were referenced to the Calculation of Start Emission in Air Quality Impact Assessment published by EPD. Start emissions for diesel vehicles fitted with selective catalytic reduction (SCR) devices and liquefied petroleum gas (LPG) vehicles were adjusted based on the idling emission and would be released over a total spread distance of 700 m and 150 m respectively from where the start takes place, while running exhaust and idling emissions would be released on the spot. For Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park, running exhaust and idling emissions from terminating and non-terminating vehicles, and adjusted start emissions from terminating vehicles are considered for emissions inside Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park. The locations of emission sources associated with Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park, and the detailed calculation of the emissions are presented in **Appendix 3.6**.

Industrial emissions from North District Hospital, Wo Hop Shek Crematorium and KWah Asphalt Plant (AP-1)– AERMOD

3.5.18 An on-site chimney survey was conducted and only the chimney of North District Hospital (NDH) was identified within the 500 m study area. The chimney parameters for NDH such as stack height, stack temperature, stack exit velocity, stack diameter, and the locations are referred to the EIA report for Technical Study on Partial Development of Fanling Golf Course Site – Feasibility Study (Application No.: EIA-282/2022), taking into account the NDH Expansion. The chimney locations are presented in **Appendix 3.7**.

3.5.19 Other major sources within 4 km area from the study area such as Wo Hop Shek Crematorium, and KWah Asphalt Plant (AP-1). The parameters and emission data of these emission sources were extracted from the SP licenses to develop the emission inventory. The detailed calculations of the chimney emissions and other major sources within 4 km are presented in **Appendix 3.7**.

Ozone Limiting Method for Short-term Cumulative NO_2 Assessment

3.5.20 For the short-term cumulative NO_2 assessment (i.e. predictions of hourly average NO_2 concentration), Ozone Limiting Method (OLM) was adopted for conversion of NO from vehicle-related sources (i.e. emissions from open roads using CALINE4 and portal) and NO_x from industrial source to NO_2 based on the predicted O_3 level from PATH v2.1. According to the Heathrow Airport EIA report[1], the initial NO_2/NO_x ratios of chimney emission sources are 10%. For the industrial emission from Wo Hop Shek Crematorium, the initial NO_2/NO_x ratios are 20% according to the approved EIA report (AEIAR -146/2008 – Provision of Cremators at Wo Hop Shek Crematorium). For the KWah Asphalt Plant (AP-1), the initial NO_2/NO_x ratios are 10% according to the Sandy Ridge Cemetery EIA report (AEIAR-198/2016 – Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery). The NO_2/NOx conversion was calculated as follows:

$$[NO_2]_{predicted} = [NO_2]_{vehicular} + 0.1 \times [NO_x]_{chimney} + 0.2 \times [NO_x]_{WHS} + 0.1 \times [NO_x]_{AP\text{-}1} + \text{MIN}\ \{[NO]_{vehicular} + 0.9 \times [NOx]_{chimney} + 0.8 \times [NOx]_{WHS} + 0.9 \times [NOx]_{AP\text{-}1}, \text{ or } (46/48) \times [O_3]_{PATH}\}$$

where

$[NO_2]_{predicted}$	is the predicted NO_2 concentration
$[NO_2]_{vehicular}$	is the sum of predicted initial NO_2 concentration from open roads, portals, bus and minibus termini, heavy goods vehicle and coach parking sites
$[NO_x]_{chimney}$	is the sum of predicted initial NO_x concentration from the chimney emission sources
$[NO_x]_{WHS}$	is the sum of predicted initial NO_x concentration from the Wo Hop Shek Crematorium
$[NO_x]_{AP\text{-}1}$	is the sum of predicted initial NO_x concentration from the Asphalt Plant (AP-1)
$[NO]_{vehicular}$	is the sum of predicted initial NO concentration from open roads, portals, bus and minibus termini, heavy goods vehicle and coach parking sites
MIN	means the minimum of the two values within the brackets
$[O_3]_{PATH}$	is the representative O_3 from PATH concentration (from other contribution)
(46/48)	is the molecular weight of NO_2 divided by the molecular weight of O_3

Jenkin Method for Long-term Cumulative NO_2 Assessment

3.5.21 For the long-term cumulative NO_2 assessment (i.e. predictions of annual average NO_2 concentration). Jenkin method was adopted for the conversion of cumulative NO_x to NO_2 by using the functional form of an annual mean of NO_2-to-NO_x with reference to the *Review of Methods for NO to NO_2 Conversion in plumes at short ranges*[2]. The mentioned functional form is referenced from Jenkin, 2004a[3] and is presented as follows:

$$[NO2] = \frac{\left([\mathrm{NOx}] + [\mathrm{OX}] + \frac{\mathrm{J}}{\mathrm{k}}\right) - \sqrt{([NOx] + [OX] + \frac{J}{k})^2 - 4[NOx][OX]}}{2}$$

where

$[NO_2]$	is the NO_2 concentration
$[NO_x]$	is the NOx concentration
[OX]	is the sum of NO_2 concentration and O_3 concentration (i.e. $[OX] = [NO_2] + [O_3]$)
J	is the photolysis rate of NO_2
k	is the rate coefficient for reaction between NO and O_3

---

[1] Department for Transport. 2007. *Air Quality Studies for Heathrow: Base Case, Segregated Mode, Mixed Mode and Third Runway Scenarios modelled using ADMS-Airport*. Prepared by Cambridge Environmental Research Consultants.

[2] Environment Agency. 2007.Review of methods for NO to NO_2 conversion in plumes at short range. Prepared by Environmental Agency.

[3] Jenkin. 2004a. Analysis of sources and partitioning of oxidant in the UK – Part 1: The NOx-dependence of annual mean concentrations of nitrogen dioxide and ozone. Atmospheric Environment, 38, 5117-5129.

3.5.22 The above functional form was used to analyse the annual mean data obtained from EPD's air quality monitoring stations. North general monitoring station is the nearest station to the Project, since it only provided the data from July 2020 to December 2021, therefore, the data from Tai Po general monitoring station in recent five years (i.e. 2017 to 2021) was also adopted. Tap Mun general station and three roadside stations (i.e. Causeway Bay, Central and Mong Kok roadside stations) were also included in order to cover a wider range of NO_x concentration. The data analyse and derivation of cumulative annual average NO_x to NO_2 conversion equation using Jenkin Method for this assessment are shown in **Appendix 3.8**. Scattered plot for recent 5 years annual means of NO_2 versus NO_x obtained from relevant air quality monitoring stations was created. The functional form curve would fit the annual mean data when [OX] = **107** μg/m^3 and J/k = **16** μg/m^3. The values of [OX] and J/k are considered reasonable as they are within the typical value range for Hong Kong. The range of annual average [OX] from the selected air quality monitoring stations is 80 – 116 μg/m^3. The obtained functional form curve was adopted for the cumulative annual average NO_x to NO_2 conversion. As shown in **Appendix 3.8**, the curve is slightly higher than all the annual mean data obtained from air quality monitoring stations, underestimation of the annual average NO_2 concentration is not expected. The cumulative annual average NO_x to NO_2 conversion equation for this assessment was calculated as follows:

$$[NO2]_c = \frac{([NOx]_c + 98 + 16) - \sqrt{([NOx]_c + 98 + 16)^2 - 4[NOx]_c \times 98}}{2}$$

where

$[NO_2]_c$ is the predicted cumulative NO_2 concentration
$[NO_x]_c$ is the predicted cumulative NO_x concentration

Concentration Calculations

3.5.23 To consider the cumulative air pollutant concentrations at the representative ASRs, the PATH model output was added to the sum of the CALINE4 and AERMOD model results sequentially on an hour-to-hour basis to derive the short-term and long-term cumulative impacts at the ASRs. The highest pollutant concentration predicted at an ASR amongst the 8,760 hours (a year) was taken as the worst predicted hourly pollutant concentration for that ASR. The maximum 24-hour average pollutant concentration at an ASR was the highest predicted daily average concentration amongst the 365 days. The annual average pollutant concentration at an ASR was the average of 8,760 hourly concentrations. The cumulative air quality impacts were further compared with the relevant AQO for a compliance check.

3.6 Evaluation of Air Quality Impact

3.6.1 The predicted cumulative concentrations of the 19th highest hourly average and annual average NO_2, 10th highest daily average and annual average RSP and 10th highest daily average and annual average FSP at the representative ASRs associated with the change of noise barrier design are summarised in **Table 3.3**. The details of the assessment results are presented in **Appendix 3.9**.

Table 3.3 Predicted Cumulative Air Quality Impact at Representative Air Sensitive Receivers Associated with the Change of Noise Barrier Design

ASR ID	Predicted Cumulative Air Pollutant Concentration (μg/m3) [1]					
	19th Highest Hourly NO_2	Annual NO_2	10th Highest Daily RSP	Annual RSP	10th Highest Daily FSP	Annual FSP
AQOs	**200**	**40**	**100**	**50**	**75**	**35**
KTN-E1014	151.4 – 159.5	28.8 – 31.2	66.1	28.5 - 28.6	49.8 - 49.9	16.4 - 16.6
KTN-E1015	143.1 – 157.1	30.2 – 34.2	66.4 – 67.6	28.5 - 28.6	50.0 - 50.3	16.4 - 16.6

ASR ID	Predicted Cumulative Air Pollutant Concentration (μg/m3) [1]					
	19th Highest Hourly NO_2	Annual NO_2	10th Highest Daily RSP	Annual RSP	10th Highest Daily FSP	Annual FSP
AQOs	**200**	**40**	**100**	**50**	**75**	**35**
KTN-E1016	119.5 – 141.8	16.6 – 28.8	65.5 – 66.9	27.9 - 28.4	49.2 – 49.7	15.9 - 16.4
FLN-E104	119.5 – 147.7	16.6 – 29.5	65.5 – 65.9	27.9 - 28.5	49.2 - 49.7	15.9 - 16.4
FLN-E105	141.8 – 149.2	28.0 – 29.6	66.1 – 66.2	28.4 - 28.5	49.8 - 49.9	16.4
KTN-A001	144.2 – 160.5	30.0 – 36.6	66.1 – 66.6	28.5 - 28.7	50.0 - 50.4	16.4 - 16.7
KTN-A002	143.7 – 168.4	30.6 – 39.5	66.1 – 66.7	28.5 - 28.9	50.0 - 50.6	16.4 - 16.8

Note:
[1] The predicted cumulative concentrations have been rounded to 1 decimal place .

3.6.2 According to the results listed in **Table 3.3**, the predicted cumulative RSP, FSP and NO_2 concentrations at the representative existing and planned ASRs located near the proposed openings of noise barriers would comply with the AQOs as stated in **Table 3.1**.

3.6.3 Contours of cumulative 19th highest hourly and annual NO_2, 10th highest daily and annual RSP, 10th highest daily and annual FSP concentrations at 1.5 metres above ground are predicted and illustrated in **Appendix 3.9**. Results indicate that there are no exceedances of respective criteria predicted at existing ASRs. Overall, the assessment results demonstrate that the changes in the noise barrier design would not cause an adverse air quality impact on the surrounding ASRs during the operational phase.

4 TRAFFIC NOISE IMPACT ASSESSMENT

4.1 Introduction

4.1.1 As shown in **Figure 2.1**, the proposed changes at FLN-FE01 are localised, and therefore the traffic noise impact assessment was conducted at the noise sensitive receivers (NSRs) that are facing to the proposed opening of FLN-FE01.

4.1.2 Traffic noise model and the traffic forecast for FLN NDA as approved in Traffic Noise Mitigation Plan (TNMP) for *Construction and operation of Fanling Bypass Eastern Section* submitted under Condition 2.13 of EP-473/2013/A was adopted in this traffic noise impact assessment.

4.2 Environmental Legislation, Standards and Criteria

4.2.1 The criteria for assessing road traffic noise are given in the Technical Memorandum on Environmental Impact Assessment Process (EIAO-TM). The road traffic noise criterion is 70 dB(A) for domestic premises, hotels, hostels and offices, and 65 dB(A) for educational institutes and places of worship. For hospitals, clinics etc, a more stringent criterion of 55 dB(A) is stipulated. It should be noted that all these criteria only apply to Noise Sensitive Receivers (NSRs) that rely on opened windows for ventilation.

4.3 Traffic Noise Assessment Methodology

4.3.1 Same road traffic noise assessment methodology as presented in Section 4.6.2.1 of the EIA Report was adopted in this noise impact assessment.

4.3.2 Traffic noise impact at the representative NSRs in Year 2044 (i.e. same as those adopted in the Planning and Engineering Review for Accommodating Additional Population in KTN and FLN NDAs and for Remaining Packages of NDAs – Report on Environmental Review (July 2017) (“P&E ERR”)) was assessed to evaluate the traffic noise compliance and the required mitigation measures for ultimate scenario. Traffic forecast for the Year 2044 (**Appendix 4.1** refers) which had been agreed by Transport Department (TD) and adopted in the TNMP under EP-473/2013/A was used for this localised traffic noise impact assessment. For without project scenario, the predicted overall noise levels at the NSRs at the design year (i.e. Year 2044) were extracted from the EIA Report, except the noise levels at the newly proposed assessment point (N0001) which was obtained from the same noise model.

4.4 Representative Noise Sensitive Receivers

4.4.1 A new assessment point (i.e. N0001) was added at a 3-storey house in Tai Tau Leng Village, which is directly facing to the proposed opening of FLN-FE01. Other representative NSRs that facing to the proposed opening following the same assessment points as adopted in the P&E ERR. Details of the representative NSRs are presented in **Table 4.1** and shown in **Figure 2.1**.

Table 4.1 Details of Representative Noise Sensitive Receivers

NSR [(1)]	Noise Assessment Points (NAPs) [(2)]	Land Use [(3)]	Status	No. of Floors	Traffic Noise Criterion, $L_{10(1hr)}$, dB(A)
Tai Tau Leng	N0001, R1364, R1367 – R1370	V	Existing	1 – 3	70
Choi Po Court	R1382 – R1385	R	Existing	31 – 33	70
Choi Yuen Estate	R1387	R	Existing	28	70

Notes:

(1) The NSRs that are facing to the proposed opening of FLN-FE01.
(2) Reference was made from Planning and Engineering Review for Accommodating Additional Population in KTN and FLN NDAs and for Remaining Packages of NDAs – Report on Environmental Review (July 2017) (“P&E ERR”).
(3) V – Village Type Development; R – Residential.

4.5 Evaluation of Traffic Noise Impact

4.5.1 A computer plot of the road scheme and a plan showing the location of existing roads, new roads and other roads is presented in **Appendix 4.2**.

4.5.2 The latest proposed design and extent of FLN-FE01 as presented in **Figure 2.1** have been incorporated in the noise model. The mitigated noise levels of the representative NSRs are summarised in **Table 4.2**, with detailed road traffic noise levels presented in **Appendix 4.3**.

Table 4.2 Predicted Traffic Noise Level at the Concerned NSRs with Proposed Changes for FLN-FE01 in Year 2044

NSR	NAPs	Use (1)	$L_{10(1hr)}$ dB(A)		Compliance [Y/N]	Compliance of Noise Level from Project [Y/N]	Further Mitigation Measures Required [Y/N] (3)
			Criterion (2)	Predicted Noise Levels			
Tai Tau Leng	N0001, R1364, R1367 – R1370	V	70	63 – 72	N	Y	N
Choi Po Court	R1382 – R1385	R	70	58 – 75	N	Y	N
Choi Yuen Estate	R1387	R	70	74 – 80	N	Y	N

Notes:
(1) V – Village Type Development; R – Residential
(2) Relevant environmental standards / criteria: TM-EIAO noise standards for road traffic noise.
(3) For existing and planned NSRs outside and within the non-development area of NDA, direct mitigation measures are required when "With Project Overall Noise Level exceeds Noise Criteria" and, either "With Project - Without Project Overall Noise Level ≥ 1dB(A)" or "New Roads exceeds Noise Criteria" or "New Roads Contribution ≥ 1 dB(A)".

4.5.3 As shown in **Appendix 4.3**, the exceedances at the NAPs are caused by the existing roads, with both new road contribution and project significance are less than 1 dB(A). Besides, the noise level from Project road is also within the respective noise criterion. Thus, the proposed changes would not induce adverse traffic noise impact to the NSRs and further mitigation measures are considered not required at these NAPs.

5 ENVIRONMENTAL MONITORING AND AUDIT

5.1.1 Based on the findings of air quality impact assessment and road traffic assessment conducted above, the proposed minor changes will not result in unacceptable air quality and road traffic noise impacts as compared with those identified in the approved EIA Report. Therefore, no additional monitoring requirement due to the proposed changes is required and the EM&A requirements recommended in the approved EIA Report remain unchanged.

6 CONCLUSION

6.1.1 An environmental review was conducted for the proposed minor changes in traffic noise mitigation measures. The potential environmental issues due to the proposed minor changes were reviewed. A traffic noise impact assessment was conducted for the proposed changes of noise enclosure FLN-FE01. Assessment results indicate that air quality and traffic noise performance requirements set out in the EIA report (Register No.: AEIAR-175/2013) would not be exceeded with the mitigation measures in place.

6.1.2 It is concluded that the proposed variations of the Project in relation to the proposed minor changes to noise mitigation measures would not result in a material change leading to adverse residual environmental impact with the mitigation measures in place. No additional environmental monitoring and audit requirements are therefore required.

FIGURES

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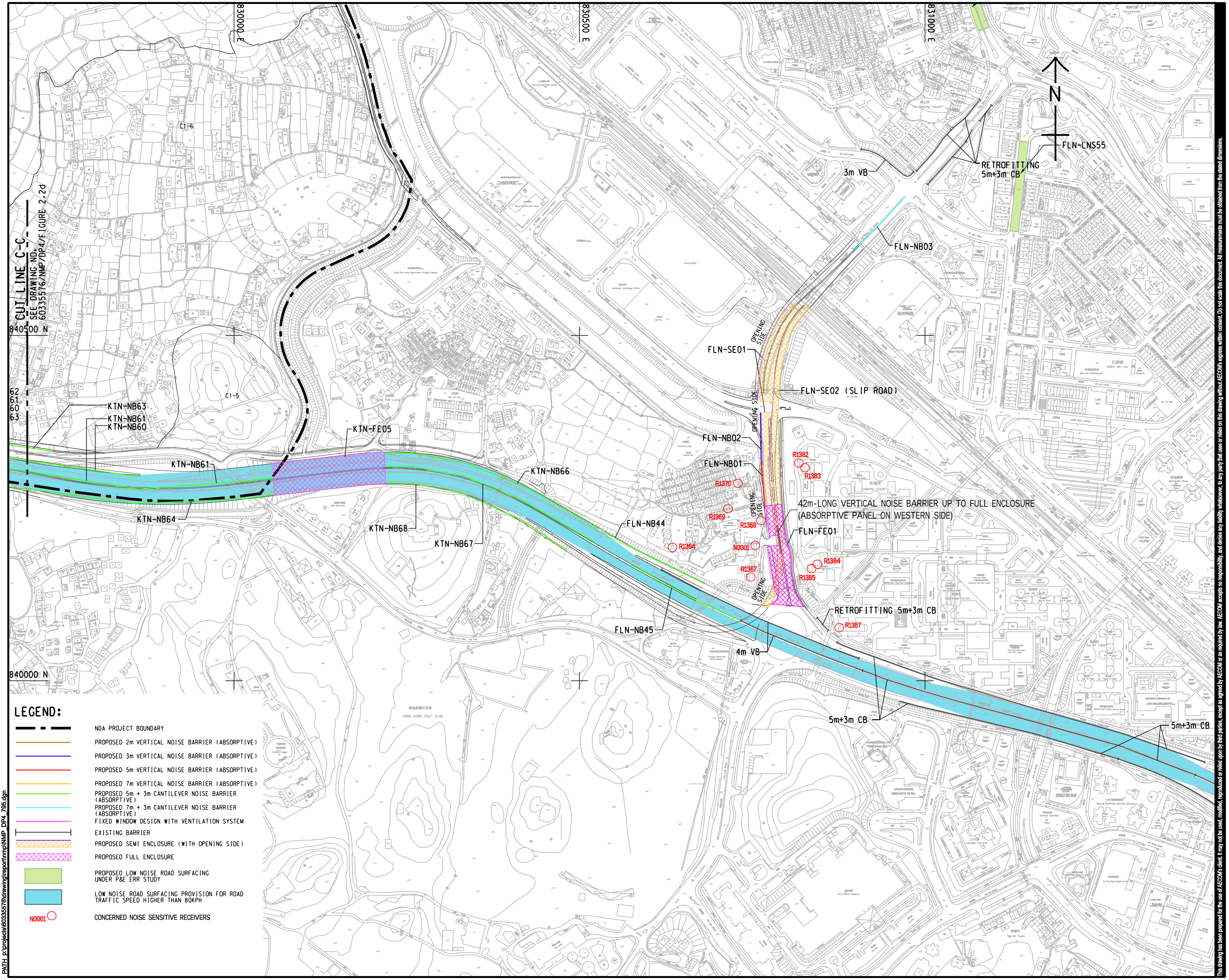
ISO A1 594mm x 841mm

Approved:

Checked:

Designer:

Project Management Initials: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61
60
63
C1-6
C1-5
KTN-NB63
KTN-NB61
KTN-NB60
KTN-NB61
KTN-NB64
KTN-FE05
KTN-NB66
KTN-NB68
KTN-NB67
FLN-LNS55
RETROFITTING
5m+3m CB
3m VB
FLN-NB03
OPENING SIDE
FLN-SE01
FLN-SE02 (SLIP ROAD)
OPENING SIDE
FLN-NB02
FLN-NB01
R1382
R1383
R1370
R1369
R1368
OPENING SIDE
42m-LONG VERTICAL NOISE BARRIER UP TO FULL ENCLOSURE
(ABSORPTIVE PANEL ON WESTERN SIDE)
FLN-FE01
FLN-NB44
R1364
N0001
R1384
R1367
R1385
OPENING SIDE
RETROFITTING 5m+3m CB
R1387
FLN-NB45
4m VB
5m+3m CB
5m+3m CB

LEGEND:

▬ ▪ ▬	NDA PROJECT BOUNDARY
━	PROPOSED 2m VERTICAL NOISE BARRIER (ABSORPTIVE)
━	PROPOSED 3m VERTICAL NOISE BARRIER (ABSORPTIVE)
━	PROPOSED 5m VERTICAL NOISE BARRIER (ABSORPTIVE)
━	PROPOSED 7m VERTICAL NOISE BARRIER (ABSORPTIVE)
━	PROPOSED 5m + 3m CANTILEVER NOISE BARRIER (ABSORPTIVE)
━	PROPOSED 7m + 3m CANTILEVER NOISE BARRIER (ABSORPTIVE)
━	FIXED WINDOW DESIGN WITH VENTILATION SYSTEM
├─┤	EXISTING BARRIER
▨	PROPOSED SEMI ENCLOSURE (WITH OPENING SIDE)
▨	PROPOSED FULL ENCLOSURE
🟩	PROPOSED LOW NOISE ROAD SURFACING UNDER P&E ERR STUDY
🟦	LOW NOISE ROAD SURFACING PROVISION FOR ROAD TRAFFIC SPEED HIGHER THAN 80KPH
N0001 ○	CONCERNED NOISE SENSITIVE RECEIVERS

Plot File by: LIANJ2 22/03/2019

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AECOM

PROJECT
項目

DEVELOPMENT OF KWU TUNG NORTH AND FANLING NORTH NEW DEVELOPMENT AREAS, PHASE 1 - DESIGN AND CONSTRUCTION

CLIENT
業主

CEDD 土木工程拓展署
Civil Engineering and Development Department

CONSULTANT
工程顧問公司

AECOM Asia Company Ltd.
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SUB-CONSULTANTS
分判工程顧問公司

ISSUE/REVISION
修訂

I/R 修訂	DATE 日期	DESCRIPTION 內容摘要	CHK. 複核

STATUS
階段

SCALE 比例	**DIMENSION UNIT** 尺寸單位
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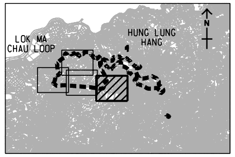
KEY PLAN 索引圖 A1 1 : 150000


LOK MA CHAU LOOP
HUNG LUNG HANG
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PROJECT NO. 項目編號	**CONTRACT NO.** 合約編號
60629088	CE 20/2019 (CE)

SHEET TITLE
圖紙名稱

PROPOSED CHANGES OF FULL ENCLOSURE FLN-FE01 AND LOCATIONS OF THE CONCERNED NOISE SENSITIVE RECEIVERS

SHEET NUMBER
圖紙編號

60629088/B14B/Figure 2.1

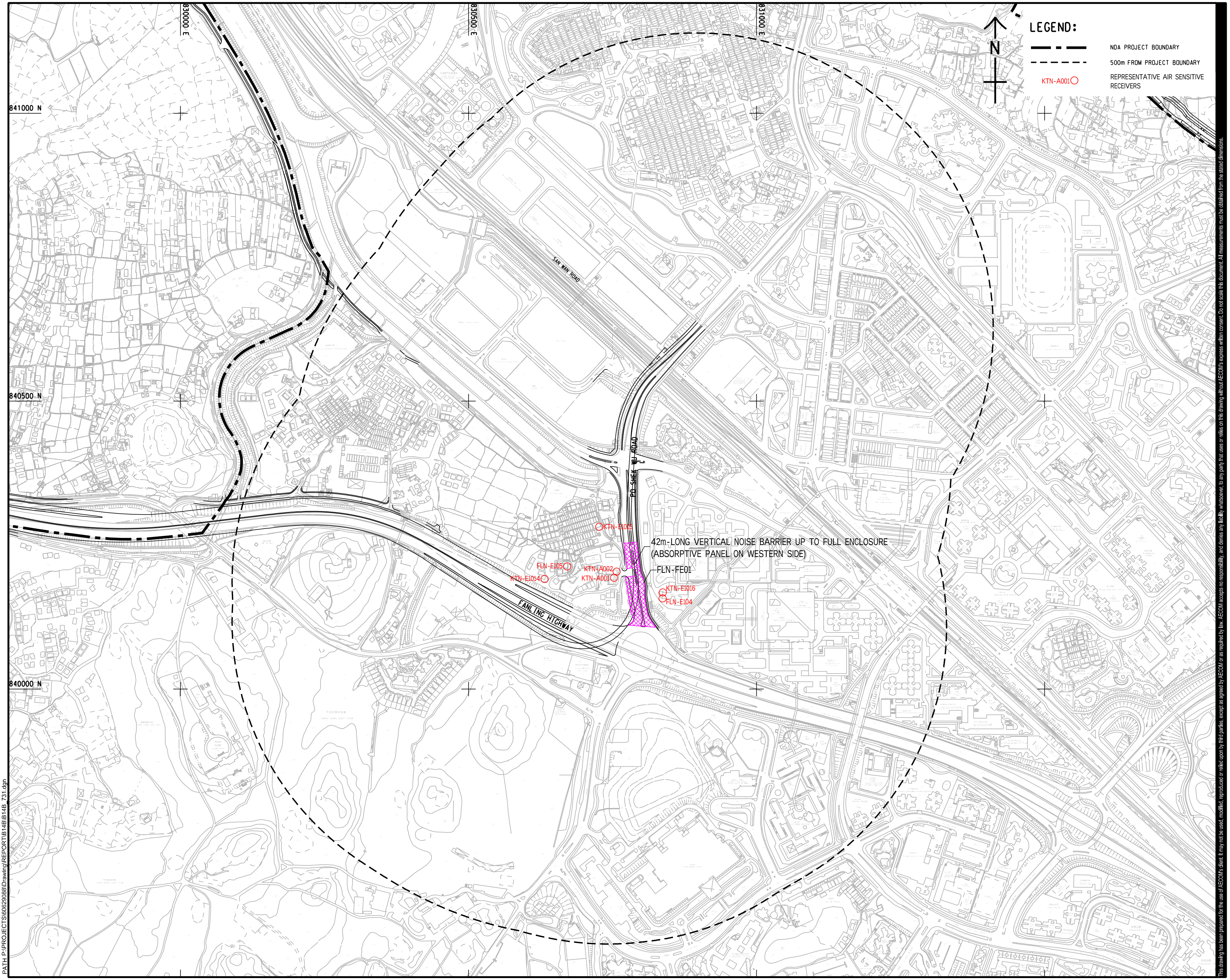
ISO A1 594mm x 841mm

Approved:

Checked:

Designer:

Project Management Initials: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NDA PROJECT BOUNDARY
500m FROM PROJECT BOUNDARY
KTN-A001
REPRESENTATIVE AIR SENSITIVE RECEIVERS
SAN WAN ROAD
PO SHEK WU ROAD
FANLING HIGHWAY
KTN-E1015
FLN-E105
KTN-E1014
KTN-A002
KTN-A001
KTN-E1016
FLN-E104
FLN-FE01
42m-LONG VERTICAL NOISE BARRIER UP TO FULL ENCLOSURE
(ABSORPTIVE PANEL ON WESTERN SIDE)

Plot File by: JiaW 2022/3/10

PATH P:\PROJECTS\60629088\Drawing\REPORT\B14B\B14B_731.dgn

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AECOM

PROJECT
項目

IMPROVEMENT OF
TAI TAU LENG
ROUNDABOUT AND
FANLING HIGHWAY
(KWU TUNG SECTION) -
DESIGN & CONSTRUCTION

CLIENT
業主

土木工程拓展署
Civil Engineering and
Development Department

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ISSUE/REVISION
修訂

I/R 修訂	DATE 日期	DESCRIPTION 內容摘要	CHK. 複核

STATUS
階段

SCALE 比例	**DIMENSION UNIT** 尺寸單位
A1 1 : 3000	METRES

KEY PLAN
索引圖

PROJECT NO. 項目編號	**CONTRACT NO.** 合約編號
60629088	CE 20/2019(HY)

SHEET TITLE
圖紙名稱

LOCATIONS OF AIR SENSITIVE
RECEIVERS

SHEET NUMBER
圖紙編號

60629088/B14B/Figure 3.1

APPENDICES

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Appendix 1.1
Location of the Project (Designated Project 8)

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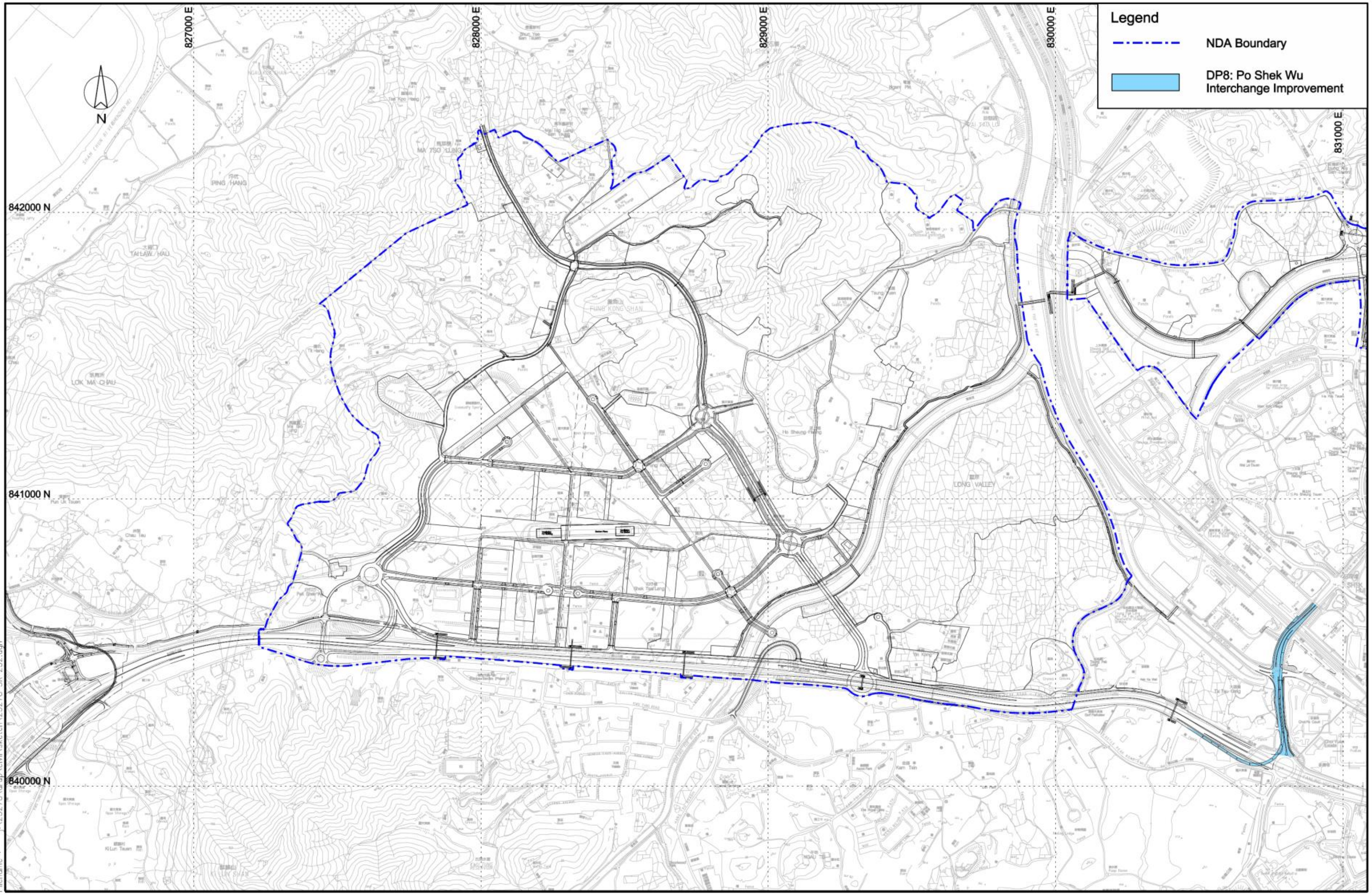

Legend
NDA Boundary
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829000 E
830000 E
831000 E
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841000 N
840000 N
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LONG VALLEY
FUNG KONG SHAN
LOK MA CHAU
TAI LAW HAU
PING HANG
MA TSO LUNG

Project Title: Po Shek Wu Interchange Improvement

Figure 1: Location Plan for Po Shek Wu Interchange Improvement

(Extracted from Drawing No. SK/252 of North East New Territories New Development Area Planning and Engineering Study)

**Environmental Permit No:
EP-471/2013**

Appendix 1.2
Excerpt of EP-471/2013 for Po Shek Wu Interchange Improvement

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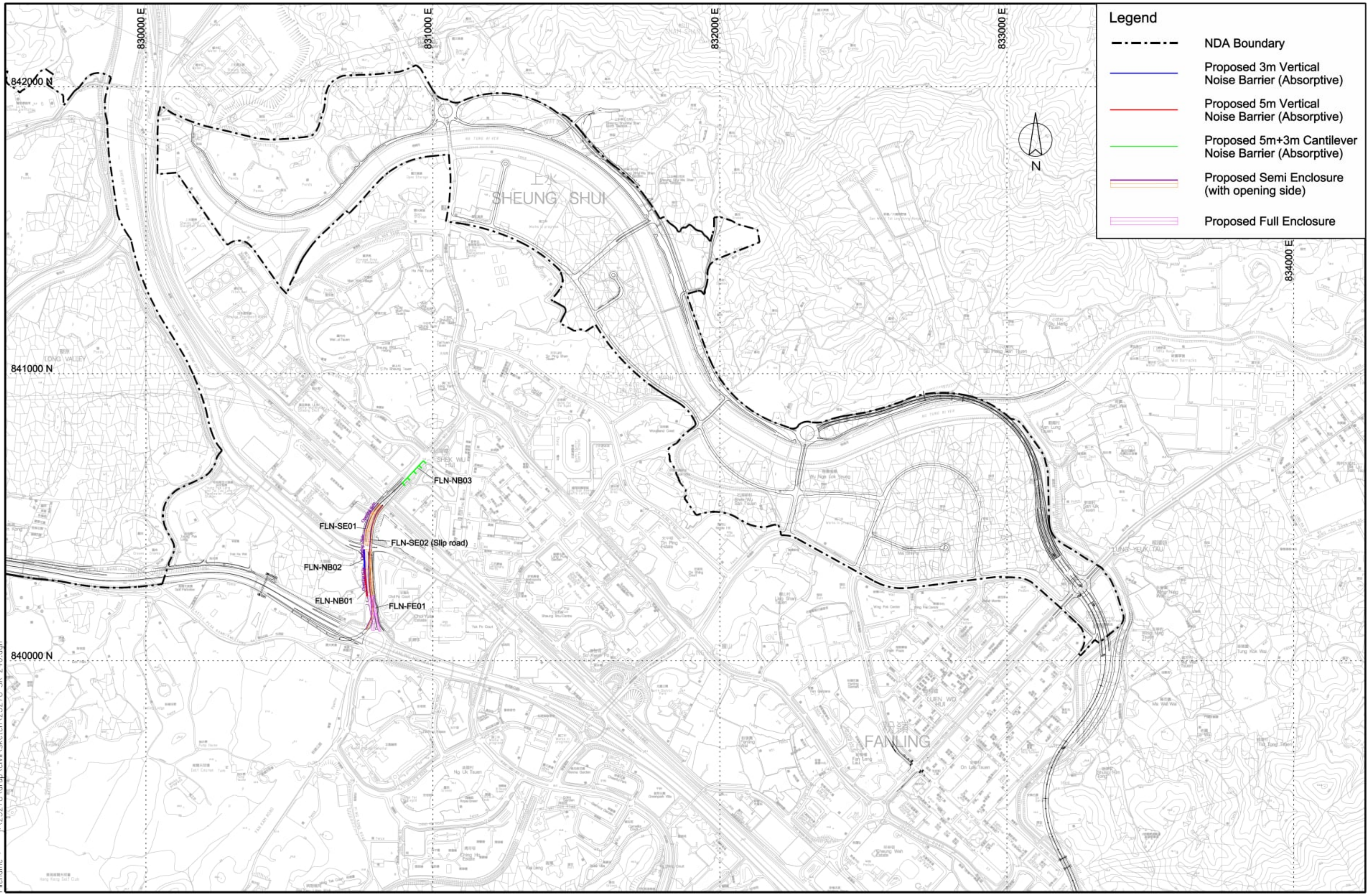
Legend
NDA Boundary
Proposed 3m Vertical Noise Barrier (Absorptive)
Proposed 5m Vertical Noise Barrier (Absorptive)
Proposed 5m+3m Cantilever Noise Barrier (Absorptive)
Proposed Semi Enclosure (with opening side)
Proposed Full Enclosure
N
830000 E
831000 E
832000 E
833000 E
834000 E
842000 N
841000 N
840000 N
上水
SHEUNG SHUI
LONG VALLEY
SHEK WU
粉嶺
FANLING
LUEN WO HUI
LUNG YEUK TAU
FLN-NB03
FLN-SE01
FLN-SE02 (Slip road)
FLN-NB02
FLN-NB01
FLN-FE01
Printed by : 10/25/2013
Filename : j:\25278\arup\civil\sketch\25278-SK-240.dgn

Project Title: Po Shek Wu Interchange Improvement

Figure 2: Location Plan for the Proposed Noise Barriers

(Extracted from Drawing No. SK/240 of North East New Territories New Development Area Planning and Engineering Study)

Environmental Permit No:
EP-471/2013

Appendix 2.1
Location and Extent of Full Enclosure FLN-FE01

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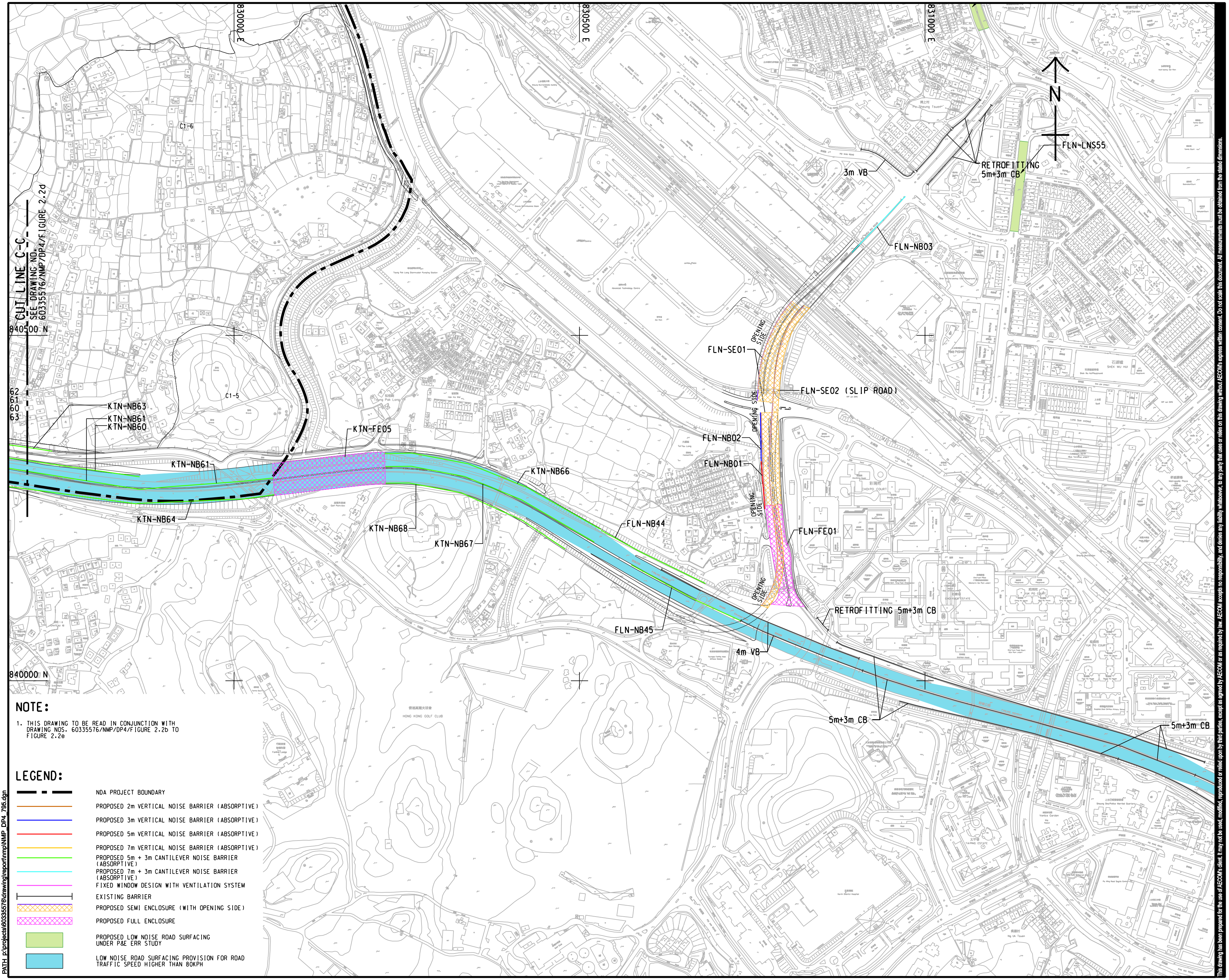
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830500 E
831000 E
840500 N
840000 N
CUT LINE C-C
SEE DRAWING NO.
60335576/NMP/DP4/FIGURE 2.2d
62
61
60
63
C1-6
C1-5
KTN-NB63
KTN-NB61
KTN-NB60
KTN-FE05
KTN-NB61
KTN-NB66
KTN-NB64
KTN-NB68
KTN-NB67
FLN-NB44
FLN-NB45
4m VB
OPENING SIDE
OPENING SIDE
OPENING SIDE
OPENING SIDE
FLN-SE01
FLN-SE02 (SLIP ROAD)
FLN-NB02
FLN-NB01
FLN-FE01
RETROFITTING 5m+3m CB
FLN-NB03
3m VB
RETROFITTING
5m+3m CB
FLN-LNS55
N
5m+3m CB
5m+3m CB
HONG KONG GOLF CLUB

NOTE:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/NMP/DP4/FIGURE 2.2b TO FIGURE 2.2e

LEGEND:

▬ ▪ ▬	NDA PROJECT BOUNDARY
—	PROPOSED 2m VERTICAL NOISE BARRIER (ABSORPTIVE)
—	PROPOSED 3m VERTICAL NOISE BARRIER (ABSORPTIVE)
—	PROPOSED 5m VERTICAL NOISE BARRIER (ABSORPTIVE)
—	PROPOSED 7m VERTICAL NOISE BARRIER (ABSORPTIVE)
—	PROPOSED 5m + 3m CANTILEVER NOISE BARRIER (ABSORPTIVE)
—	PROPOSED 7m + 3m CANTILEVER NOISE BARRIER (ABSORPTIVE)
—	FIXED WINDOW DESIGN WITH VENTILATION SYSTEM
├─┤	EXISTING BARRIER
▨	PROPOSED SEMI ENCLOSURE (WITH OPENING SIDE)
▨	PROPOSED FULL ENCLOSURE
🟩	PROPOSED LOW NOISE ROAD SURFACING UNDER P&E ERR STUDY
🟦	LOW NOISE ROAD SURFACING PROVISION FOR ROAD TRAFFIC SPEED HIGHER THAN 80KPH

ISO A1 594mm x 841mm

Approved:

Checked:

Designer:

Project Management Initials:

Plot File by: LIANJ2 22/03/2019
PATH p:\projects\60335576\drawing\report\nmp\NMP_DP4_795.dgn

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AECOM

PROJECT
項目

DEVELOPMENT OF KWU TUNG NORTH AND FANLING NORTH NEW DEVELOPMENT AREAS, PHASE 1 - DESIGN AND CONSTRUCTION

CLIENT
業主

土木工程拓展署
CEDD
Civil Engineering and Development Department

CONSULTANT
工程顧問公司

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

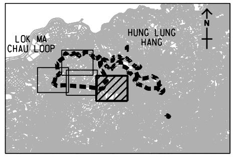
ISSUE/REVISION
修訂

I/R 修訂	DATE 日期	DESCRIPTION 內容摘要	CHK. 複核

STATUS
階段

SCALE 比例	**DIMENSION UNIT** 尺寸單位
A1 1 : 2500	METRES

KEY PLAN 索引圖 A1 1 : 150000


LOK MA
CHAU LOOP
HUNG LUNG
HANG
N

PROJECT NO. 項目編號	**CONTRACT NO.** 合約編號
60629088	CE 20/2019 (CE)

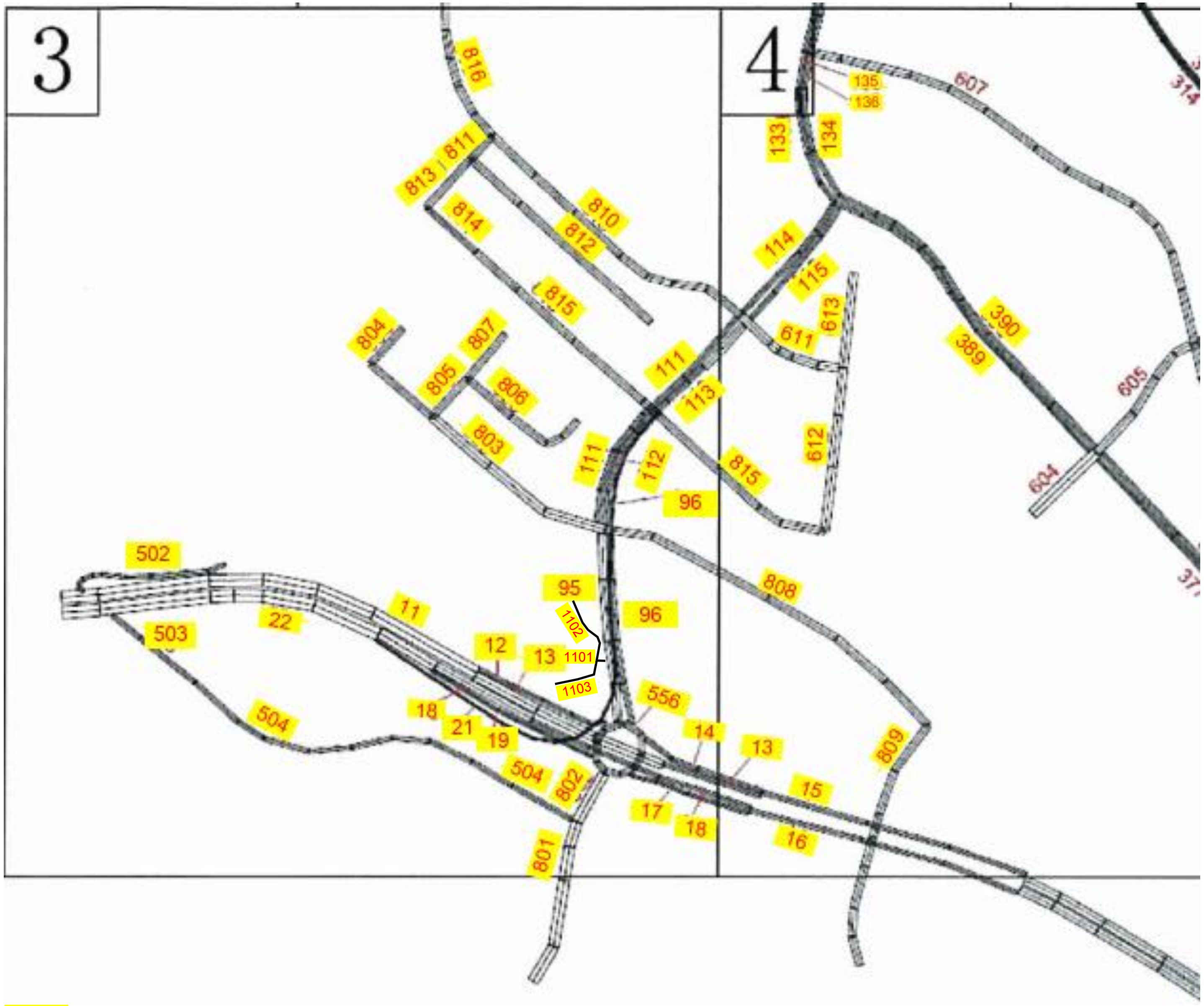
SHEET TITLE
圖紙名稱

LOCATION AND EXTENT OF FLN-FE01

SHEET NUMBER
圖紙編號

APPENDIX 2.1

Appendix 3.1
Traffic Forecast Data in Year 2029
(for Air Quality Impact Assessment)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16
801

17 Road Links for this study

Year 2029 Traffic Data

24 Hours Traffic Flows and Breakdown by 18 Vehicle Classes

Link No.	**Road Length (km)**	Speed Limit	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle	Total Vehicle
		km/hr	0000-0100	0100-0200	0200-0300	0300-0400	0400-0500	0500-0600	0600-0700	0700-0800	0800-0900	0900-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	2000-2100	2100-2200	2200-2300	2300-0000
11		100	1348	943	674	490	498	606	1422	4020	5016	4282	4113	3987	3883	4037	4171	4009	3938	4015	4357	3796	2869	2824	2508	2104
12		50	313	219	157	116	127	155	363	1025	1262	1059	1025	992	977	935	969	949	933	958	1039	902	676	654	583	489
13		100	1035	724	517	374	371	452	1059	2995	3754	3224	3088	2995	2906	3102	3201	3060	3005	3057	3318	2894	2192	2170	1925	1615
14		50	288	201	144	103	113	138	324	915	1152	980	943	919	894	871	890	839	831	842	913	802	610	609	535	449
15		100	1322	926	661	477	484	590	1383	3910	4906	4204	4030	3914	3800	3973	4091	3899	3836	3899	4231	3696	2802	2779	2461	2064
16		100	1385	970	693	495	455	553	1298	3670	4593	3924	3767	3657	3558	4169	4287	4053	4013	4104	4428	3882	2943	2916	2578	2163
17		50	236	165	118	88	71	86	201	569	723	623	597	582	559	715	729	718	732	771	823	725	535	500	439	368
18		100	1150	805	575	408	384	468	1097	3101	3870	3300	3170	3075	2999	3453	3557	3335	3281	3333	3605	3157	2408	2415	2140	1795
19		50	260	182	130	92	85	103	241	683	845	722	693	669	653	777	806	750	726	730	793	691	532	543	485	407
21		50	177	124	88	64	53	64	150	425	534	454	438	426	413	535	547	520	516	525	569	499	378	374	329	276
22		100	1587	1111	793	563	521	635	1488	4209	5249	4476	4300	4170	4065	4765	4910	4605	4523	4587	4967	4347	3318	3333	2953	2477
95		50	489	342	245	185	180	219	513	1449	1764	1490	1441	1381	1359	1442	1513	1510	1487	1560	1677	1447	1074	1009	910	763
96		50	475	333	238	172	154	187	438	1240	1530	1330	1273	1216	1173	1401	1470	1411	1370	1409	1522	1315	997	980	884	742
111		50	361	253	181	137	142	173	405	1145	1407	1204	1159	1111	1082	1064	1118	1123	1107	1165	1252	1079	798	744	672	564
112		50	287	201	144	106	97	118	277	784	970	854	815	775	740	841	888	871	849	887	953	820	615	588	534	448
113		50	464	325	232	170	150	182	428	1209	1504	1308	1253	1201	1153	1375	1435	1391	1365	1412	1522	1319	993	962	863	724
114		50	170	119	85	67	78	94	221	626	778	675	646	620	598	502	527	545	548	592	629	543	395	351	317	266
115		50	291	204	146	107	101	123	289	818	1007	868	833	798	773	858	901	878	861	897	964	833	625	600	542	455
133		50	187	131	94	73	91	110	259	731	913	787	755	728	702	557	580	599	609	659	699	607	440	390	349	292
134		50	262	183	131	96	105	128	301	850	1057	906	870	840	815	781	810	785	779	810	870	757	568	546	487	409
135		50	179	125	89	69	98	120	281	795	985	840	809	780	759	532	554	565	573	617	655	569	415	372	333	279
136		50	262	183	131	96	105	128	301	850	1057	906	870	840	815	781	810	785	779	810	870	757	568	546	487	409
389		50	160	112	80	59	54	66	155	437	534	472	449	424	406	456	494	481	454	471	508	430	327	319	297	249
390		50	68	48	34	26	25	30	71	202	249	218	208	198	191	197	210	212	207	220	235	201	149	138	126	106
502		50	38	27	19	13	16	19	44	126	159	137	131	128	124	116	118	108	107	107	116	103	79	81	71	60
503		50	222	156	111	78	79	96	225	636	749	634	611	575	576	637	688	637	591	596	648	550	430	446	414	347
504		50	299	209	149	104	105	128	299	846	1006	842	815	774	776	869	925	848	794	793	864	740	580	608	556	467
556		50	665	466	333	242	231	281	659	1864	2297	1957	1883	1813	1772	1976	2059	1976	1931	1980	2141	1858	1406	1382	1238	1039
611		50	271	190	136	99	90	110	258	729	839	723	697	641	633	753	839	814	735	750	819	676	523	527	505	423
612		50	150	105	75	56	57	70	164	464	508	442	425	377	378	387	464	457	390	410	443	349	272	271	279	234
613		50	133	93	67	48	36	43	102	288	362	308	298	289	278	402	412	390	377	371	410	358	275	281	248	208
801		50	372	260	186	131	117	143	335	947	1170	993	956	923	905	1109	1151	1072	1036	1040	1132	985	759	775	693	581
802		50	601	420	300	211	195	238	557	1575	1911	1622	1562	1494	1474	1765	1858	1727	1644	1652	1797	1550	1200	1234	1118	937
803		50	164	115	82	60	56	69	161	455	580	502	480	468	448	498	508	493	496	513	553	485	362	348	306	256
804		50	82	57	41	30	28	34	80	227	290	251	240	234	224	249	254	247	248	257	276	243	181	174	153	128
805		50	82	57	41	30	28	34	80	227	290	251	240	234	224	249	254	247	248	257	276	243	181	174	153	128
806		50	41	29	21	15	14	17	40	114	145	125	120	117	112	124	127	123	124	128	138	121	91	87	76	64
807		50	41	29	21	15	14	17	40	114	145	125	120	117	112	124	127	123	124	128	138	121	91	87	76	64
808		50	452	316	226	160	162	197	462	1306	1567	1273	1250	1205	1213	1347	1397	1306	1254	1243	1365	1185	915	942	840	705
809		50	237	166	118	85	102	124	291	822	964	789	773	733	742	690	732	695	658	664	725	620	477	483	440	369
810		50	173	121	86	64	54	66	155	437	567	503	476	465	438	524	535	523	528	550	591	519	386	367	322	270
811		50	53	37	26	19	18	22	52	147	189	165	157	153	146	160	164	156	155	157	171	150	113	112	98	83
812		50	26	19	13	10	9	11	26	74	95	83	79	77	73	80	82	78	77	79	85	75	57	56	49	41
813		50	53	37	26	19	18	22	52	147	189	165	157	153	146	160	164	156	155	157	171	150	113	112	98	83
814		50	71	50	35	26	27	33	77	216	276	239	229	223	214	215	220	210	208	212	230	202	152	150	132	111
815		50	62	43	31	22	31	38	89	252	317	269	259	252	246	187	191	181	180	183	198	174	132	131	115	96
816		50	66	46	33	24	40	49	115	324	401	333	323	315	311	200	204	196	197	203	219	192	144	140	123	103
1101		50	7	5	4	2	4	4	10	28	34	28	27	26	27	23	23	20	19	19	21	18	14	16	14	12
1102		50	5	3	2	2	2	3	7	19	23	18	18	18	18	15	15	13	13	13	14	12	10	11	9	8
1103		50	12	9	6	4	6	7	17	47	57	46	45	44	45	38	38	34	32	31	34	30	24	26	23	19

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0000-0100																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0100-0200																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0200-0300																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0300-0400																		
11	1.5%	60.6%	10.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.8%	2.8%	7.3%	3.1%	0.8%	0.1%	1.6%	1.7%	100.0%
12	1.4%	53.5%	13.4%	2.2%	1.6%	1.6%	0.0%	0.7%	0.6%	0.1%	5.4%	3.2%	8.3%	2.8%	0.7%	0.3%	4.1%	0.0%	100.0%
13	1.6%	62.7%	9.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	4.6%	2.7%	7.0%	3.2%	0.8%	0.1%	0.8%	2.3%	100.0%
14	1.6%	62.4%	14.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.4%	3.8%	6.5%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
15	1.6%	62.7%	10.4%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.0%	3.0%	6.9%	2.7%	0.7%	0.1%	0.7%	1.8%	100.0%
16	1.7%	67.0%	7.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	7.6%	2.6%	0.7%	0.0%	0.6%	1.7%	100.0%
17	1.4%	55.8%	12.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.7%	5.8%	10.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
18	1.8%	69.4%	6.5%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.6%	7.1%	2.8%	0.7%	0.1%	0.7%	2.1%	100.0%
19	1.7%	68.4%	7.8%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	3.8%	2.3%	5.9%	1.9%	0.5%	0.4%	4.9%	0.0%	100.0%
21	1.7%	65.1%	9.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	7.7%	2.7%	0.7%	0.0%	0.0%	0.0%	100.0%
22	1.8%	68.7%	7.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.6%	6.9%	2.7%	0.7%	0.1%	1.3%	1.5%	100.0%
95	1.2%	46.2%	14.4%	1.9%	1.3%	1.4%	0.0%	0.6%	0.5%	0.2%	7.1%	4.2%	9.3%	2.4%	0.6%	0.2%	2.9%	5.5%	100.0%
96	1.5%	57.5%	10.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.7%	3.4%	7.0%	1.8%	0.5%	0.2%	3.0%	5.7%	100.0%
111	1.1%	42.1%	17.1%	2.0%	1.4%	1.4%	0.0%	0.7%	0.5%	0.2%	7.2%	4.3%	9.7%	2.6%	0.7%	0.1%	1.5%	7.4%	100.0%
112	1.2%	48.2%	14.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	6.1%	3.7%	8.5%	2.5%	0.6%	0.1%	1.9%	9.2%	100.0%
113	1.4%	54.5%	12.5%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	5.7%	3.4%	8.2%	2.6%	0.7%	0.1%	1.2%	5.7%	100.0%
114	1.0%	38.6%	15.1%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.2%	8.5%	5.1%	12.4%	3.8%	1.0%	0.4%	4.6%	4.0%	100.0%
115	1.4%	53.7%	10.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.6%	3.3%	8.5%	3.2%	0.8%	0.3%	3.7%	5.1%	100.0%
133	1.0%	40.4%	14.9%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	9.0%	5.3%	13.0%	4.0%	1.1%	0.2%	2.5%	3.7%	100.0%
134	1.4%	56.6%	11.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.5%	3.3%	8.9%	3.6%	1.0%	0.2%	2.4%	2.8%	100.0%
135	1.1%	43.1%	14.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	12.5%	4.1%	1.1%	0.2%	2.6%	3.9%	100.0%
136	1.4%	56.6%	11.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.5%	3.3%	8.9%	3.6%	1.0%	0.2%	2.4%	2.8%	100.0%
389	1.1%	43.1%	16.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.1%	3.6%	5.2%	1.3%	0.3%	0.5%	6.3%	11.8%	100.0%
390	0.9%	34.3%	21.2%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	9.4%	5.6%	7.1%	2.0%	0.5%	1.0%	12.9%	0.0%	100.0%
502	1.9%	72.6%	9.4%	0.2%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	6.3%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
503	1.4%	56.2%	13.0%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	3.7%	2.2%	3.3%	0.5%	0.1%	0.1%	1.0%	17.2%	100.0%
504	1.5%	60.4%	13.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.5%	2.1%	3.0%	0.5%	0.1%	0.1%	0.8%	13.0%	100.0%
556	1.5%	56.8%	12.6%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	5.8%	3.4%	7.3%	1.8%	0.5%	0.2%	2.2%	4.1%	100.0%
611	1.0%	40.7%	15.0%	2.0%	1.4%	1.4%	0.0%	0.7%	0.5%	0.1%	3.8%	2.2%	3.3%	0.7%	0.2%	0.3%	4.1%	22.6%	100.0%
612	0.7%	28.2%	11.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.9%	1.7%	2.6%	0.6%	0.1%	0.6%	7.3%	40.2%	100.0%
613	1.4%	56.6%	20.2%	2.8%	2.0%	2.1%	0.0%	1.0%	0.8%	0.1%	4.7%	2.8%	4.2%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
801	1.6%	62.1%	14.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.8%	2.3%	6.2%	1.3%	0.3%	0.0%	0.4%	5.0%	100.0%
802	1.5%	59.9%	13.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.8%	2.3%	5.0%	1.0%	0.3%	0.0%	0.6%	9.4%	100.0%
803	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	1.4%	56.2%	20.1%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.1%	5.0%	3.0%	3.4%	0.6%	0.2%	0.3%	4.1%	0.0%	100.0%
809	1.0%	40.9%	27.9%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.1%	5.5%	3.2%	3.6%	0.7%	0.2%	0.9%	11.1%	0.0%	100.0%
810	1.3%	51.2%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	7.3%	4.3%	10.9%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
811	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
812	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
813	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
814	1.2%	48.0%	26.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	5.9%	3.5%	8.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
815	1.2%	47.3%	28.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	6.5%	3.9%	7.3%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
816	1.3%	52.7%	20.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.4%	3.8%	9.8%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
1101	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0400-0500																		
11	1.0%	54.0%	17.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.0%	3.6%	8.8%	2.5%	0.6%	0.1%	1.7%	1.7%	100.0%
12	0.9%	50.7%	23.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.3%	3.1%	7.2%	1.5%	0.4%	0.3%	3.2%	0.0%	100.0%
13	1.0%	55.1%	15.1%	0.7%	0.5%	0.5%	0.0%	0.3%	0.2%	0.2%	6.2%	3.7%	9.4%	2.8%	0.7%	0.1%	1.1%	2.2%	100.0%
14	1.0%	56.7%	16.9%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	7.0%	4.1%	9.0%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.0%	55.5%	15.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.4%	3.8%	9.3%	2.5%	0.7%	0.1%	0.9%	1.7%	100.0%
16	1.1%	60.6%	11.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.2%	3.1%	9.3%	3.4%	0.9%	0.1%	0.8%	1.8%	100.0%
17	1.0%	53.8%	15.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.5%	4.5%	10.7%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
18	1.1%	61.9%	10.1%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	4.8%	2.9%	9.0%	3.6%	0.9%	0.1%	1.0%	2.1%	100.0%
19	1.0%	55.2%	14.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.4%	3.2%	8.6%	2.7%	0.7%	0.5%	5.6%	0.0%	100.0%
21	1.0%	56.2%	15.7%	1.6%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.7%	3.4%	9.4%	3.0%	0.8%	0.0%	0.0%	0.0%	100.0%
22	1.1%	60.2%	11.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.0%	3.0%	9.0%	3.4%	0.9%	0.1%	1.6%	1.6%	100.0%
95	0.9%	47.4%	22.2%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	7.2%	1.7%	0.4%	0.2%	2.7%	5.2%	100.0%
96	0.8%	46.1%	15.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.7%	4.0%	10.1%	2.2%	0.6%	0.3%	3.6%	6.1%	100.0%
111	0.7%	39.6%	26.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.0%	3.5%	8.4%	2.1%	0.5%	0.1%	1.4%	6.6%	100.0%
112	0.7%	36.3%	19.8%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	7.0%	4.1%	11.4%	2.9%	0.8%	0.2%	2.1%	9.6%	100.0%
113	0.8%	43.3%	18.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	6.5%	3.9%	10.7%	2.9%	0.8%	0.1%	1.4%	6.2%	100.0%
114	0.8%	41.2%	22.1%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.3%	3.8%	9.8%	3.2%	0.8%	0.3%	3.9%	3.4%	100.0%
115	0.9%	48.1%	15.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.5%	3.3%	9.1%	3.2%	0.8%	0.3%	3.0%	5.5%	100.0%
133	0.8%	42.1%	23.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.0%	3.6%	9.9%	3.4%	0.9%	0.2%	2.1%	2.9%	100.0%
134	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
135	0.8%	43.9%	25.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.1%	8.9%	3.1%	0.8%	0.2%	1.9%	2.6%	100.0%
136	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
389	0.6%	31.5%	22.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.0%	5.3%	8.6%	1.7%	0.4%	0.4%	4.3%	12.7%	100.0%
390	0.7%	35.4%	24.7%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.0%	5.4%	7.8%	1.5%	0.4%	0.9%	11.3%	0.0%	100.0%
502	1.2%	64.9%	9.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	6.5%	3.8%	10.6%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
503	0.9%	50.5%	15.9%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	5.1%	0.6%	0.2%	0.1%	1.1%	16.9%	100.0%
504	1.0%	54.6%	16.7%	0.4%	0.3%	0.3%	0.0%	0.2%	0.1%	0.1%	4.5%	2.7%	4.8%	0.6%	0.2%	0.1%	0.8%	12.7%	100.0%
556	0.9%	51.1%	18.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.8%	3.5%	8.3%	1.8%	0.5%	0.2%	2.3%	4.0%	100.0%
611	0.5%	27.2%	25.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	5.3%	1.0%	0.3%	0.3%	3.9%	23.1%	100.0%
612	0.4%	22.8%	20.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	3.8%	0.7%	0.2%	0.5%	6.2%	36.2%	100.0%
613	0.6%	33.9%	35.0%	2.3%	1.6%	1.7%	0.0%	0.8%	0.6%	0.2%	8.3%	4.9%	8.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.0%	53.1%	18.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	8.3%	2.2%	0.6%	0.1%	0.6%	4.6%	100.0%
802	1.0%	52.5%	16.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.1%	3.0%	7.1%	1.7%	0.4%	0.1%	0.8%	9.5%	100.0%
803	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	0.9%	49.0%	30.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.0%	2.4%	3.3%	0.6%	0.1%	0.3%	3.9%	0.0%	100.0%
809	0.7%	37.7%	35.8%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.6%	2.1%	2.6%	0.5%	0.1%	0.9%	11.2%	0.0%	100.0%
810	0.7%	37.3%	25.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	15.1%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
811	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
812	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
813	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
814	0.6%	31.2%	37.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.9%	4.7%	12.4%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
815	0.7%	36.5%	38.0%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.1%	4.2%	9.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	44.8%	33.7%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.1%	4.7%	2.8%	7.9%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0500-0600																		
11	1.0%	54.0%	17.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.0%	3.6%	8.8%	2.5%	0.6%	0.1%	1.7%	1.7%	100.0%
12	0.9%	50.7%	23.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.3%	3.1%	7.2%	1.5%	0.4%	0.3%	3.2%	0.0%	100.0%
13	1.0%	55.1%	15.1%	0.7%	0.5%	0.5%	0.0%	0.3%	0.2%	0.2%	6.2%	3.7%	9.4%	2.8%	0.7%	0.1%	1.1%	2.2%	100.0%
14	1.0%	56.7%	16.9%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	7.0%	4.1%	9.0%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.0%	55.5%	15.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.4%	3.8%	9.3%	2.5%	0.7%	0.1%	0.9%	1.7%	100.0%
16	1.1%	60.6%	11.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.2%	3.1%	9.3%	3.4%	0.9%	0.1%	0.8%	1.8%	100.0%
17	1.0%	53.8%	15.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.5%	4.5%	10.7%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
18	1.1%	61.9%	10.1%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	4.8%	2.9%	9.0%	3.6%	0.9%	0.1%	1.0%	2.1%	100.0%
19	1.0%	55.2%	14.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.4%	3.2%	8.6%	2.7%	0.7%	0.5%	5.6%	0.0%	100.0%
21	1.0%	56.2%	15.7%	1.6%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.7%	3.4%	9.4%	3.0%	0.8%	0.0%	0.0%	0.0%	100.0%
22	1.1%	60.2%	11.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.0%	3.0%	9.0%	3.4%	0.9%	0.1%	1.6%	1.6%	100.0%
95	0.9%	47.4%	22.2%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	7.2%	1.7%	0.4%	0.2%	2.7%	5.2%	100.0%
96	0.8%	46.1%	15.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.7%	4.0%	10.1%	2.2%	0.6%	0.3%	3.6%	6.1%	100.0%
111	0.7%	39.6%	26.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.0%	3.5%	8.4%	2.1%	0.5%	0.1%	1.4%	6.6%	100.0%
112	0.7%	36.3%	19.8%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	7.0%	4.1%	11.4%	2.9%	0.8%	0.2%	2.1%	9.6%	100.0%
113	0.8%	43.3%	18.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	6.5%	3.9%	10.7%	2.9%	0.8%	0.1%	1.4%	6.2%	100.0%
114	0.8%	41.2%	22.1%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.3%	3.8%	9.8%	3.2%	0.8%	0.3%	3.9%	3.4%	100.0%
115	0.9%	48.1%	15.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.5%	3.3%	9.1%	3.2%	0.8%	0.3%	3.0%	5.5%	100.0%
133	0.8%	42.1%	23.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.0%	3.6%	9.9%	3.4%	0.9%	0.2%	2.1%	2.9%	100.0%
134	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
135	0.8%	43.9%	25.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.1%	8.9%	3.1%	0.8%	0.2%	1.9%	2.6%	100.0%
136	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
389	0.6%	31.5%	22.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.0%	5.3%	8.6%	1.7%	0.4%	0.4%	4.3%	12.7%	100.0%
390	0.7%	35.4%	24.7%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.0%	5.4%	7.8%	1.5%	0.4%	0.9%	11.3%	0.0%	100.0%
502	1.2%	64.9%	9.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	6.5%	3.8%	10.6%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
503	0.9%	50.5%	15.9%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	5.1%	0.6%	0.2%	0.1%	1.1%	16.9%	100.0%
504	1.0%	54.6%	16.7%	0.4%	0.3%	0.3%	0.0%	0.2%	0.1%	0.1%	4.5%	2.7%	4.8%	0.6%	0.2%	0.1%	0.8%	12.7%	100.0%
556	0.9%	51.1%	18.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.8%	3.5%	8.3%	1.8%	0.5%	0.2%	2.3%	4.0%	100.0%
611	0.5%	27.2%	25.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	5.3%	1.0%	0.3%	0.3%	3.9%	23.1%	100.0%
612	0.4%	22.8%	20.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	3.8%	0.7%	0.2%	0.5%	6.2%	36.2%	100.0%
613	0.6%	33.9%	35.0%	2.3%	1.6%	1.7%	0.0%	0.8%	0.6%	0.2%	8.3%	4.9%	8.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.0%	53.1%	18.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	8.3%	2.2%	0.6%	0.1%	0.6%	4.6%	100.0%
802	1.0%	52.5%	16.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.1%	3.0%	7.1%	1.7%	0.4%	0.1%	0.8%	9.5%	100.0%
803	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	0.9%	49.0%	30.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.0%	2.4%	3.3%	0.6%	0.1%	0.3%	3.9%	0.0%	100.0%
809	0.7%	37.7%	35.8%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.6%	2.1%	2.6%	0.5%	0.1%	0.9%	11.2%	0.0%	100.0%
810	0.7%	37.3%	25.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	15.1%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
811	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
812	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
813	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
814	0.6%	31.2%	37.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.9%	4.7%	12.4%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
815	0.7%	36.5%	38.0%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.1%	4.2%	9.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	44.8%	33.7%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.1%	4.7%	2.8%	7.9%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0600-0700																		
11	1.0%	54.0%	17.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.0%	3.6%	8.8%	2.5%	0.6%	0.1%	1.7%	1.7%	100.0%
12	0.9%	50.7%	23.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.3%	3.1%	7.2%	1.5%	0.4%	0.3%	3.2%	0.0%	100.0%
13	1.0%	55.1%	15.1%	0.7%	0.5%	0.5%	0.0%	0.3%	0.2%	0.2%	6.2%	3.7%	9.4%	2.8%	0.7%	0.1%	1.1%	2.2%	100.0%
14	1.0%	56.7%	16.9%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	7.0%	4.1%	9.0%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.0%	55.5%	15.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.4%	3.8%	9.3%	2.5%	0.7%	0.1%	0.9%	1.7%	100.0%
16	1.1%	60.6%	11.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.2%	3.1%	9.3%	3.4%	0.9%	0.1%	0.8%	1.8%	100.0%
17	1.0%	53.8%	15.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.5%	4.5%	10.7%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
18	1.1%	61.9%	10.1%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	4.8%	2.9%	9.0%	3.6%	0.9%	0.1%	1.0%	2.1%	100.0%
19	1.0%	55.2%	14.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.4%	3.2%	8.6%	2.7%	0.7%	0.5%	5.6%	0.0%	100.0%
21	1.0%	56.2%	15.7%	1.6%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.7%	3.4%	9.4%	3.0%	0.8%	0.0%	0.0%	0.0%	100.0%
22	1.1%	60.2%	11.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.0%	3.0%	9.0%	3.4%	0.9%	0.1%	1.6%	1.6%	100.0%
95	0.9%	47.4%	22.2%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	7.2%	1.7%	0.4%	0.2%	2.7%	5.2%	100.0%
96	0.8%	46.1%	15.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.7%	4.0%	10.1%	2.2%	0.6%	0.3%	3.6%	6.1%	100.0%
111	0.7%	39.6%	26.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.0%	3.5%	8.4%	2.1%	0.5%	0.1%	1.4%	6.6%	100.0%
112	0.7%	36.3%	19.8%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	7.0%	4.1%	11.4%	2.9%	0.8%	0.2%	2.1%	9.6%	100.0%
113	0.8%	43.3%	18.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	6.5%	3.9%	10.7%	2.9%	0.8%	0.1%	1.4%	6.2%	100.0%
114	0.8%	41.2%	22.1%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.3%	3.8%	9.8%	3.2%	0.8%	0.3%	3.9%	3.4%	100.0%
115	0.9%	48.1%	15.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.5%	3.3%	9.1%	3.2%	0.8%	0.3%	3.0%	5.5%	100.0%
133	0.8%	42.1%	23.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.0%	3.6%	9.9%	3.4%	0.9%	0.2%	2.1%	2.9%	100.0%
134	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
135	0.8%	43.9%	25.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.1%	8.9%	3.1%	0.8%	0.2%	1.9%	2.6%	100.0%
136	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
389	0.6%	31.5%	22.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.0%	5.3%	8.6%	1.7%	0.4%	0.4%	4.3%	12.7%	100.0%
390	0.7%	35.4%	24.7%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.0%	5.4%	7.8%	1.5%	0.4%	0.9%	11.3%	0.0%	100.0%
502	1.2%	64.9%	9.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	6.5%	3.8%	10.6%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
503	0.9%	50.5%	15.9%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	5.1%	0.6%	0.2%	0.1%	1.1%	16.9%	100.0%
504	1.0%	54.6%	16.7%	0.4%	0.3%	0.3%	0.0%	0.2%	0.1%	0.1%	4.5%	2.7%	4.8%	0.6%	0.2%	0.1%	0.8%	12.7%	100.0%
556	0.9%	51.1%	18.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.8%	3.5%	8.3%	1.8%	0.5%	0.2%	2.3%	4.0%	100.0%
611	0.5%	27.2%	25.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	5.3%	1.0%	0.3%	0.3%	3.9%	23.1%	100.0%
612	0.4%	22.8%	20.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	3.8%	0.7%	0.2%	0.5%	6.2%	36.2%	100.0%
613	0.6%	33.9%	35.0%	2.3%	1.6%	1.7%	0.0%	0.8%	0.6%	0.2%	8.3%	4.9%	8.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.0%	53.1%	18.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	8.3%	2.2%	0.6%	0.1%	0.6%	4.6%	100.0%
802	1.0%	52.5%	16.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.1%	3.0%	7.1%	1.7%	0.4%	0.1%	0.8%	9.5%	100.0%
803	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	0.9%	49.0%	30.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.0%	2.4%	3.3%	0.6%	0.1%	0.3%	3.9%	0.0%	100.0%
809	0.7%	37.7%	35.8%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.6%	2.1%	2.6%	0.5%	0.1%	0.9%	11.2%	0.0%	100.0%
810	0.7%	37.3%	25.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	15.1%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
811	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
812	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
813	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
814	0.6%	31.2%	37.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.9%	4.7%	12.4%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
815	0.7%	36.5%	38.0%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.1%	4.2%	9.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	44.8%	33.7%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.1%	4.7%	2.8%	7.9%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0700-0800																		
11	1.0%	54.0%	17.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.0%	3.6%	8.8%	2.5%	0.6%	0.1%	1.7%	1.7%	100.0%
12	0.9%	50.7%	23.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.3%	3.1%	7.2%	1.5%	0.4%	0.3%	3.2%	0.0%	100.0%
13	1.0%	55.1%	15.1%	0.7%	0.5%	0.5%	0.0%	0.3%	0.2%	0.2%	6.2%	3.7%	9.4%	2.8%	0.7%	0.1%	1.1%	2.2%	100.0%
14	1.0%	56.7%	16.9%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	7.0%	4.1%	9.0%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.0%	55.5%	15.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.4%	3.8%	9.3%	2.5%	0.7%	0.1%	0.9%	1.7%	100.0%
16	1.1%	60.6%	11.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.2%	3.1%	9.3%	3.4%	0.9%	0.1%	0.8%	1.8%	100.0%
17	1.0%	53.8%	15.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.5%	4.5%	10.7%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
18	1.1%	61.9%	10.1%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	4.8%	2.9%	9.0%	3.6%	0.9%	0.1%	1.0%	2.1%	100.0%
19	1.0%	55.2%	14.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.4%	3.2%	8.6%	2.7%	0.7%	0.5%	5.6%	0.0%	100.0%
21	1.0%	56.2%	15.7%	1.6%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.7%	3.4%	9.4%	3.0%	0.8%	0.0%	0.0%	0.0%	100.0%
22	1.1%	60.2%	11.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.0%	3.0%	9.0%	3.4%	0.9%	0.1%	1.6%	1.6%	100.0%
95	0.9%	47.4%	22.2%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	7.2%	1.7%	0.4%	0.2%	2.7%	5.2%	100.0%
96	0.8%	46.1%	15.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.7%	4.0%	10.1%	2.2%	0.6%	0.3%	3.6%	6.1%	100.0%
111	0.7%	39.6%	26.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.0%	3.5%	8.4%	2.1%	0.5%	0.1%	1.4%	6.6%	100.0%
112	0.7%	36.3%	19.8%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	7.0%	4.1%	11.4%	2.9%	0.8%	0.2%	2.1%	9.6%	100.0%
113	0.8%	43.3%	18.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	6.5%	3.9%	10.7%	2.9%	0.8%	0.1%	1.4%	6.2%	100.0%
114	0.8%	41.2%	22.1%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.3%	3.8%	9.8%	3.2%	0.8%	0.3%	3.9%	3.4%	100.0%
115	0.9%	48.1%	15.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.5%	3.3%	9.1%	3.2%	0.8%	0.3%	3.0%	5.5%	100.0%
133	0.8%	42.1%	23.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.0%	3.6%	9.9%	3.4%	0.9%	0.2%	2.1%	2.9%	100.0%
134	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
135	0.8%	43.9%	25.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.1%	8.9%	3.1%	0.8%	0.2%	1.9%	2.6%	100.0%
136	0.9%	49.7%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	5.5%	3.3%	9.1%	3.3%	0.9%	0.2%	2.3%	2.5%	100.0%
389	0.6%	31.5%	22.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.0%	5.3%	8.6%	1.7%	0.4%	0.4%	4.3%	12.7%	100.0%
390	0.7%	35.4%	24.7%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.0%	5.4%	7.8%	1.5%	0.4%	0.9%	11.3%	0.0%	100.0%
502	1.2%	64.9%	9.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	6.5%	3.8%	10.6%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
503	0.9%	50.5%	15.9%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	5.1%	0.6%	0.2%	0.1%	1.1%	16.9%	100.0%
504	1.0%	54.6%	16.7%	0.4%	0.3%	0.3%	0.0%	0.2%	0.1%	0.1%	4.5%	2.7%	4.8%	0.6%	0.2%	0.1%	0.8%	12.7%	100.0%
556	0.9%	51.1%	18.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.8%	3.5%	8.3%	1.8%	0.5%	0.2%	2.3%	4.0%	100.0%
611	0.5%	27.2%	25.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	5.3%	1.0%	0.3%	0.3%	3.9%	23.1%	100.0%
612	0.4%	22.8%	20.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	3.8%	0.7%	0.2%	0.5%	6.2%	36.2%	100.0%
613	0.6%	33.9%	35.0%	2.3%	1.6%	1.7%	0.0%	0.8%	0.6%	0.2%	8.3%	4.9%	8.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.0%	53.1%	18.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	8.3%	2.2%	0.6%	0.1%	0.6%	4.6%	100.0%
802	1.0%	52.5%	16.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.1%	3.0%	7.1%	1.7%	0.4%	0.1%	0.8%	9.5%	100.0%
803	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	0.8%	44.2%	24.8%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	11.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	0.9%	49.0%	30.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.0%	2.4%	3.3%	0.6%	0.1%	0.3%	3.9%	0.0%	100.0%
809	0.7%	37.7%	35.8%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.6%	2.1%	2.6%	0.5%	0.1%	0.9%	11.2%	0.0%	100.0%
810	0.7%	37.3%	25.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	15.1%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
811	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
812	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
813	0.5%	28.0%	39.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	13.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
814	0.6%	31.2%	37.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.9%	4.7%	12.4%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
815	0.7%	36.5%	38.0%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.1%	4.2%	9.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	44.8%	33.7%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.1%	4.7%	2.8%	7.9%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	76.7%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0800-0900																		
11	0.9%	51.1%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.5%	4.4%	11.0%	3.1%	0.8%	0.1%	1.2%	1.2%	100.0%
12	0.9%	48.7%	22.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.7%	4.0%	9.1%	1.9%	0.5%	0.2%	2.3%	0.0%	100.0%
13	1.0%	51.9%	14.2%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.7%	4.6%	11.7%	3.5%	0.9%	0.1%	0.8%	1.6%	100.0%
14	1.0%	53.2%	15.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.6%	5.1%	11.2%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
15	1.0%	52.2%	14.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.9%	4.7%	11.5%	3.1%	0.8%	0.1%	0.6%	1.2%	100.0%
16	1.1%	57.2%	10.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.5%	3.9%	11.5%	4.2%	1.1%	0.0%	0.6%	1.3%	100.0%
17	0.9%	50.0%	14.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.2%	5.5%	13.1%	2.7%	0.7%	0.0%	0.0%	0.0%	100.0%
18	1.1%	58.5%	9.5%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	6.0%	3.6%	11.2%	4.5%	1.2%	0.1%	0.7%	1.5%	100.0%
19	1.0%	52.7%	14.1%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	6.8%	4.0%	10.9%	3.4%	0.9%	0.3%	4.1%	0.0%	100.0%
21	1.0%	52.9%	14.7%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.0%	4.2%	11.6%	3.7%	1.0%	0.0%	0.0%	0.0%	100.0%
22	1.1%	57.0%	10.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.2%	3.7%	11.2%	4.2%	1.1%	0.1%	1.2%	1.1%	100.0%
95	0.8%	46.0%	21.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.4%	3.8%	9.3%	2.1%	0.6%	0.2%	2.0%	3.8%	100.0%
96	0.8%	44.1%	14.6%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	12.7%	2.7%	0.7%	0.2%	2.7%	4.4%	100.0%
111	0.7%	38.1%	25.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.5%	4.5%	10.6%	2.6%	0.7%	0.1%	1.1%	4.8%	100.0%
112	0.6%	34.6%	18.9%	1.3%	1.0%	1.0%	0.0%	0.4%	0.4%	0.2%	8.7%	5.2%	14.3%	3.6%	1.0%	0.1%	1.5%	7.0%	100.0%
113	0.8%	41.1%	17.4%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	8.1%	4.8%	13.4%	3.7%	1.0%	0.1%	1.0%	4.5%	100.0%
114	0.7%	39.1%	21.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.9%	4.7%	12.3%	4.0%	1.1%	0.2%	2.9%	2.4%	100.0%
115	0.8%	46.1%	15.1%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.2%	7.0%	4.1%	11.5%	4.0%	1.1%	0.2%	2.2%	4.1%	100.0%
133	0.7%	39.8%	22.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.5%	4.4%	12.4%	4.2%	1.1%	0.1%	1.5%	2.1%	100.0%
134	0.9%	47.2%	17.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.9%	4.1%	11.4%	4.2%	1.1%	0.1%	1.6%	1.8%	100.0%
135	0.8%	41.8%	24.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.5%	3.8%	11.1%	3.8%	1.0%	0.1%	1.4%	1.9%	100.0%
136	0.9%	47.2%	17.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.9%	4.1%	11.4%	4.2%	1.1%	0.1%	1.6%	1.8%	100.0%
389	0.6%	30.5%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.4%	6.8%	10.9%	2.1%	0.5%	0.3%	3.2%	9.3%	100.0%
390	0.6%	33.9%	23.7%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.4%	6.8%	9.9%	1.8%	0.5%	0.7%	8.3%	0.0%	100.0%
502	1.1%	60.4%	9.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	7.9%	4.7%	13.1%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
503	0.9%	50.7%	16.0%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	6.1%	3.6%	6.7%	0.8%	0.2%	0.1%	0.9%	12.9%	100.0%
504	1.0%	54.2%	16.6%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	5.9%	3.5%	6.3%	0.8%	0.2%	0.1%	0.6%	9.6%	100.0%
556	0.9%	48.9%	17.4%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.3%	4.4%	10.5%	2.3%	0.6%	0.1%	1.7%	3.0%	100.0%
611	0.5%	27.9%	26.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	6.9%	4.1%	7.1%	1.3%	0.3%	0.3%	3.1%	18.1%	100.0%
612	0.5%	24.6%	22.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	4.9%	2.9%	5.4%	1.0%	0.3%	0.4%	5.1%	29.8%	100.0%
613	0.6%	31.8%	32.9%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.3%	10.2%	6.1%	10.3%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
801	0.9%	50.7%	17.9%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.4%	3.8%	10.5%	2.8%	0.7%	0.0%	0.5%	3.3%	100.0%
802	0.9%	51.1%	16.2%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	6.5%	3.9%	9.1%	2.1%	0.6%	0.1%	0.6%	7.1%	100.0%
803	0.8%	41.0%	23.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.2%	6.1%	13.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
804	0.8%	41.0%	23.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.2%	6.1%	13.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
805	0.8%	41.0%	23.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.2%	6.1%	13.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
806	0.8%	41.0%	23.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.2%	6.1%	13.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
807	0.8%	41.0%	23.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.2%	6.1%	13.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
808	0.9%	48.3%	29.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.2%	3.1%	4.2%	0.7%	0.2%	0.2%	2.9%	0.0%	100.0%
809	0.7%	37.9%	36.1%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.1%	4.8%	2.8%	3.5%	0.6%	0.2%	0.7%	8.6%	0.0%	100.0%
810	0.6%	34.0%	23.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.0%	6.5%	18.1%	2.5%	0.7%	0.0%	0.0%	0.0%	100.0%
811	0.5%	25.8%	36.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.9%	5.9%	16.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
812	0.5%	25.8%	36.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.9%	5.9%	16.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
813	0.5%	25.8%	36.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.9%	5.9%	16.6%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
814	0.5%	28.9%	35.1%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.3%	9.6%	5.7%	15.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
815	0.6%	34.3%	35.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.8%	5.2%	11.4%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	42.7%	32.2%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	5.9%	3.5%	10.0%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	74.8%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	74.8%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	74.8%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	0900-1000																		
11	0.9%	46.2%	14.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	9.4%	5.6%	13.8%	3.8%	1.0%	0.1%	1.3%	1.3%	100.0%
12	0.8%	44.7%	20.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.5%	5.1%	11.6%	2.4%	0.6%	0.2%	2.6%	0.0%	100.0%
13	0.9%	46.6%	12.8%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.3%	9.6%	5.7%	14.5%	4.3%	1.1%	0.1%	0.9%	1.7%	100.0%
14	0.9%	48.2%	14.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.9%	6.4%	14.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
15	0.9%	47.0%	13.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.3%	9.9%	5.9%	14.4%	3.9%	1.0%	0.1%	0.7%	1.3%	100.0%
16	1.0%	51.6%	9.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	8.2%	4.9%	14.5%	5.3%	1.4%	0.1%	0.6%	1.4%	100.0%
17	0.8%	44.7%	13.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.4%	6.8%	16.3%	3.3%	0.9%	0.0%	0.0%	0.0%	100.0%
18	1.0%	52.9%	8.6%	0.5%	0.3%	0.4%	0.0%	0.2%	0.1%	0.2%	7.6%	4.5%	14.1%	5.7%	1.5%	0.1%	0.8%	1.7%	100.0%
19	0.9%	47.5%	12.7%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	8.5%	5.0%	13.6%	4.2%	1.1%	0.4%	4.4%	0.0%	100.0%
21	0.9%	47.9%	13.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.8%	5.2%	14.6%	4.6%	1.2%	0.0%	0.0%	0.0%	100.0%
22	0.9%	51.5%	9.8%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	7.8%	4.6%	14.1%	5.3%	1.4%	0.1%	1.3%	1.3%	100.0%
95	0.8%	42.0%	19.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.2%	4.8%	11.7%	2.7%	0.7%	0.2%	2.2%	4.3%	100.0%
96	0.7%	39.1%	12.9%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.4%	6.2%	15.6%	3.4%	0.9%	0.2%	2.9%	4.8%	100.0%
111	0.6%	34.3%	23.1%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.4%	5.6%	13.3%	3.3%	0.9%	0.1%	1.2%	5.3%	100.0%
112	0.6%	30.3%	16.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.6%	6.3%	17.4%	4.4%	1.2%	0.1%	1.6%	7.4%	100.0%
113	0.7%	36.4%	15.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.0%	5.9%	16.5%	4.5%	1.2%	0.1%	1.1%	4.9%	100.0%
114	0.6%	34.8%	18.6%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.8%	5.8%	15.2%	5.0%	1.3%	0.3%	3.1%	2.6%	100.0%
115	0.8%	41.2%	13.5%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.7%	5.1%	14.3%	5.0%	1.3%	0.2%	2.4%	4.4%	100.0%
133	0.7%	35.6%	19.8%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.3%	5.5%	15.4%	5.3%	1.4%	0.1%	1.6%	2.3%	100.0%
134	0.8%	42.4%	15.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.6%	5.1%	14.2%	5.2%	1.4%	0.1%	1.8%	2.0%	100.0%
135	0.7%	37.8%	21.7%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.1%	4.8%	14.0%	4.8%	1.3%	0.1%	1.5%	2.1%	100.0%
136	0.8%	42.4%	15.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.6%	5.1%	14.2%	5.2%	1.4%	0.1%	1.8%	2.0%	100.0%
389	0.5%	26.5%	18.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.4%	13.8%	8.2%	13.2%	2.5%	0.7%	0.3%	3.4%	9.9%	100.0%
390	0.6%	29.8%	20.9%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.4%	13.9%	8.3%	12.1%	2.2%	0.6%	0.7%	8.9%	0.0%	100.0%
502	1.0%	54.4%	8.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	9.9%	5.9%	16.3%	3.0%	0.8%	0.0%	0.0%	0.0%	100.0%
503	0.9%	46.2%	14.6%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	7.7%	4.5%	8.5%	1.1%	0.3%	0.1%	1.0%	14.3%	100.0%
504	0.9%	49.9%	15.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	7.5%	4.5%	8.1%	1.0%	0.3%	0.1%	0.7%	10.8%	100.0%
556	0.8%	44.3%	15.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	9.2%	5.5%	13.1%	2.9%	0.8%	0.2%	1.8%	3.2%	100.0%
611	0.5%	25.0%	23.5%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.5%	5.1%	8.8%	1.6%	0.4%	0.3%	3.3%	19.6%	100.0%
612	0.4%	21.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.1%	3.6%	6.7%	1.2%	0.3%	0.5%	5.5%	32.1%	100.0%
613	0.5%	28.8%	29.7%	1.4%	1.0%	1.1%	0.0%	0.5%	0.4%	0.3%	12.9%	7.6%	13.0%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
801	0.8%	46.1%	16.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	8.1%	4.8%	13.2%	3.6%	0.9%	0.0%	0.5%	3.7%	100.0%
802	0.9%	46.4%	14.7%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	8.2%	4.9%	11.5%	2.7%	0.7%	0.1%	0.7%	7.8%	100.0%
803	0.7%	36.5%	20.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.6%	7.5%	16.9%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
804	0.7%	36.5%	20.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.6%	7.5%	16.9%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
805	0.7%	36.5%	20.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.6%	7.5%	16.9%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
806	0.7%	36.5%	20.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.6%	7.5%	16.9%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
807	0.7%	36.5%	20.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.6%	7.5%	16.9%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
808	0.8%	45.8%	28.3%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.8%	4.0%	5.6%	0.9%	0.2%	0.3%	3.4%	0.0%	100.0%
809	0.7%	35.8%	34.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.2%	3.7%	4.6%	0.8%	0.2%	0.8%	9.8%	0.0%	100.0%
810	0.5%	29.6%	20.4%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	13.3%	7.9%	21.9%	3.1%	0.8%	0.0%	0.0%	0.0%	100.0%
811	0.4%	22.8%	32.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.1%	7.2%	20.4%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
812	0.4%	22.8%	32.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.1%	7.2%	20.4%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
813	0.4%	22.8%	32.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.1%	7.2%	20.4%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
814	0.5%	25.7%	31.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.9%	7.1%	18.7%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
815	0.6%	31.2%	32.4%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.1%	6.6%	14.4%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
816	0.7%	39.6%	29.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.6%	4.5%	12.8%	1.7%	0.4%	0.0%	0.0%	0.0%	100.0%
1101	1.3%	71.8%	12.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	8.6%	5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.3%	71.8%	12.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	8.6%	5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.3%	71.8%	12.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	8.6%	5.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1000-1100																		
11	0.9%	47.8%	15.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.6%	5.1%	12.7%	3.5%	0.9%	0.1%	1.3%	1.3%	100.0%
12	0.8%	45.9%	21.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.8%	4.6%	10.6%	2.2%	0.6%	0.2%	2.6%	0.0%	100.0%
13	0.9%	48.4%	13.3%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	8.9%	5.3%	13.4%	4.0%	1.0%	0.1%	0.9%	1.7%	100.0%
14	0.9%	49.8%	14.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.0%	5.9%	12.9%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
15	0.9%	48.7%	13.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	9.1%	5.4%	13.3%	3.6%	0.9%	0.1%	0.7%	1.3%	100.0%
16	1.0%	53.5%	9.7%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.5%	4.5%	13.3%	4.9%	1.3%	0.1%	0.6%	1.4%	100.0%
17	0.9%	46.4%	13.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.6%	6.3%	15.0%	3.1%	0.8%	0.0%	0.0%	0.0%	100.0%
18	1.0%	54.8%	8.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.0%	4.1%	13.0%	5.2%	1.4%	0.1%	0.7%	1.7%	100.0%
19	0.9%	49.2%	13.2%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.8%	4.6%	12.5%	3.9%	1.0%	0.4%	4.4%	0.0%	100.0%
21	0.9%	49.5%	13.8%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	8.1%	4.8%	13.4%	4.2%	1.1%	0.0%	0.0%	0.0%	100.0%
22	1.0%	53.3%	10.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.2%	4.3%	13.0%	4.9%	1.3%	0.1%	1.3%	1.2%	100.0%
95	0.8%	43.2%	20.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.5%	4.4%	10.7%	2.5%	0.6%	0.2%	2.2%	4.2%	100.0%
96	0.7%	40.7%	13.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.6%	5.7%	14.4%	3.1%	0.8%	0.2%	2.8%	4.7%	100.0%
111	0.7%	35.4%	23.9%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.1%	12.2%	3.0%	0.8%	0.1%	1.1%	5.2%	100.0%
112	0.6%	31.6%	17.3%	1.3%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	9.9%	5.9%	16.2%	4.1%	1.1%	0.1%	1.6%	7.4%	100.0%
113	0.7%	37.8%	16.0%	1.3%	1.0%	1.0%	0.0%	0.4%	0.4%	0.2%	9.2%	5.5%	15.2%	4.2%	1.1%	0.1%	1.1%	4.8%	100.0%
114	0.7%	36.1%	19.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.0%	5.4%	14.0%	4.6%	1.2%	0.3%	3.1%	2.6%	100.0%
115	0.8%	42.7%	14.0%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.0%	4.7%	13.2%	4.6%	1.2%	0.2%	2.4%	4.3%	100.0%
133	0.7%	36.9%	20.5%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	8.5%	5.1%	14.2%	4.8%	1.3%	0.1%	1.6%	2.2%	100.0%
134	0.8%	43.9%	16.2%	1.0%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.0%	4.7%	13.1%	4.8%	1.2%	0.1%	1.8%	1.9%	100.0%
135	0.7%	39.0%	22.4%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.2%	7.4%	4.4%	12.9%	4.4%	1.2%	0.1%	1.5%	2.1%	100.0%
136	0.8%	43.9%	16.2%	1.0%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.0%	4.7%	13.1%	4.8%	1.2%	0.1%	1.8%	1.9%	100.0%
389	0.5%	27.8%	19.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	12.9%	7.6%	12.3%	2.4%	0.6%	0.3%	3.3%	9.8%	100.0%
390	0.6%	31.1%	21.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.9%	7.7%	11.2%	2.1%	0.5%	0.7%	8.8%	0.0%	100.0%
502	1.0%	56.6%	8.5%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	9.2%	5.4%	15.1%	2.8%	0.7%	0.0%	0.0%	0.0%	100.0%
503	0.9%	47.6%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	7.0%	4.2%	7.8%	1.0%	0.3%	0.1%	0.9%	14.0%	100.0%
504	0.9%	51.3%	15.7%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	6.9%	4.1%	7.4%	0.9%	0.2%	0.1%	0.7%	10.5%	100.0%
556	0.8%	45.8%	16.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	8.5%	5.0%	12.1%	2.7%	0.7%	0.1%	1.8%	3.2%	100.0%
611	0.5%	25.8%	24.2%	1.3%	1.0%	1.0%	0.0%	0.4%	0.4%	0.2%	7.8%	4.6%	8.1%	1.5%	0.4%	0.3%	3.3%	19.2%	100.0%
612	0.4%	22.5%	20.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.6%	3.3%	6.2%	1.1%	0.3%	0.4%	5.4%	31.5%	100.0%
613	0.5%	29.6%	30.6%	1.9%	1.3%	1.4%	0.0%	0.6%	0.5%	0.3%	11.8%	7.0%	11.9%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
801	0.9%	47.6%	16.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.5%	4.4%	12.2%	3.3%	0.9%	0.0%	0.5%	3.6%	100.0%
802	0.9%	47.9%	15.2%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.5%	4.5%	10.5%	2.5%	0.6%	0.1%	0.7%	7.7%	100.0%
803	0.7%	38.0%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.7%	6.9%	15.6%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
804	0.7%	38.0%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.7%	6.9%	15.6%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
805	0.7%	38.0%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.7%	6.9%	15.6%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
806	0.7%	38.0%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.7%	6.9%	15.6%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
807	0.7%	38.0%	21.3%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.7%	6.9%	15.6%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
808	0.9%	46.4%	28.7%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.1%	3.6%	5.0%	0.8%	0.2%	0.3%	3.3%	0.0%	100.0%
809	0.7%	36.3%	34.5%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.6%	3.3%	4.1%	0.7%	0.2%	0.8%	9.5%	0.0%	100.0%
810	0.6%	31.0%	21.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	12.4%	7.4%	20.5%	2.9%	0.7%	0.0%	0.0%	0.0%	100.0%
811	0.4%	23.8%	33.4%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.2%	6.7%	18.9%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
812	0.4%	23.8%	33.4%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.2%	6.7%	18.9%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
813	0.4%	23.8%	33.4%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.2%	6.7%	18.9%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
814	0.5%	26.8%	32.5%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.0%	6.5%	17.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
815	0.6%	32.2%	33.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.2%	6.1%	13.2%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
816	0.7%	40.6%	30.6%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.9%	4.1%	11.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
1101	1.3%	73.0%	13.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.3%	73.0%	13.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.3%	73.0%	13.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1100-1200																		
11	0.9%	48.2%	15.4%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	8.7%	5.2%	12.9%	3.6%	0.9%	0.1%	1.0%	1.0%	100.0%
12	0.9%	46.4%	21.5%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.9%	4.7%	10.8%	2.2%	0.6%	0.2%	2.0%	0.0%	100.0%
13	0.9%	48.8%	13.4%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	9.0%	5.3%	13.6%	4.0%	1.1%	0.1%	0.7%	1.3%	100.0%
14	0.9%	50.0%	14.9%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	6.0%	13.0%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
15	0.9%	49.1%	13.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	9.2%	5.5%	13.4%	3.6%	0.9%	0.0%	0.5%	1.0%	100.0%
16	1.0%	53.8%	9.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.6%	4.5%	13.5%	4.9%	1.3%	0.0%	0.5%	1.1%	100.0%
17	0.9%	46.6%	13.7%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.6%	6.3%	15.1%	3.1%	0.8%	0.0%	0.0%	0.0%	100.0%
18	1.0%	55.2%	9.0%	0.5%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.0%	4.2%	13.1%	5.3%	1.4%	0.0%	0.6%	1.3%	100.0%
19	0.9%	49.9%	13.4%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	7.9%	4.7%	12.7%	4.0%	1.0%	0.3%	3.4%	0.0%	100.0%
21	0.9%	49.7%	13.8%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.2%	4.8%	13.5%	4.3%	1.1%	0.0%	0.0%	0.0%	100.0%
22	1.0%	53.8%	10.2%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.3%	4.3%	13.1%	5.0%	1.3%	0.1%	1.0%	0.9%	100.0%
95	0.8%	44.1%	20.6%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.6%	4.5%	11.0%	2.5%	0.7%	0.1%	1.7%	3.2%	100.0%
96	0.8%	41.6%	13.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	9.9%	5.9%	14.8%	3.2%	0.8%	0.2%	2.2%	3.7%	100.0%
111	0.7%	36.1%	24.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.9%	5.3%	12.5%	3.1%	0.8%	0.1%	0.9%	4.0%	100.0%
112	0.6%	32.5%	17.7%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.3%	10.2%	6.0%	16.7%	4.2%	1.1%	0.1%	1.3%	5.8%	100.0%
113	0.7%	38.6%	16.4%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.5%	5.6%	15.6%	4.2%	1.1%	0.1%	0.8%	3.7%	100.0%
114	0.7%	36.8%	19.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.2%	5.5%	14.3%	4.7%	1.2%	0.2%	2.4%	2.0%	100.0%
115	0.8%	43.6%	14.3%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	8.2%	4.9%	13.5%	4.7%	1.2%	0.2%	1.8%	3.4%	100.0%
133	0.7%	37.4%	20.8%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.2%	14.4%	4.9%	1.3%	0.1%	1.2%	1.7%	100.0%
134	0.8%	44.5%	16.4%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	8.1%	4.8%	13.3%	4.9%	1.3%	0.1%	1.4%	1.5%	100.0%
135	0.7%	39.6%	22.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.6%	4.5%	13.1%	4.5%	1.2%	0.1%	1.1%	1.6%	100.0%
136	0.8%	44.5%	16.4%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	8.1%	4.8%	13.3%	4.9%	1.3%	0.1%	1.4%	1.5%	100.0%
389	0.5%	28.8%	20.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.4%	13.4%	7.9%	12.7%	2.5%	0.6%	0.2%	2.6%	7.7%	100.0%
390	0.6%	31.9%	22.3%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	13.3%	7.9%	11.5%	2.1%	0.6%	0.6%	6.8%	0.0%	100.0%
502	1.0%	56.6%	8.5%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	9.2%	5.5%	15.1%	2.8%	0.7%	0.0%	0.0%	0.0%	100.0%
503	0.9%	49.4%	15.6%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	7.3%	4.3%	8.1%	1.0%	0.3%	0.1%	0.7%	11.1%	100.0%
504	1.0%	52.8%	16.1%	0.3%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	7.1%	4.2%	7.6%	0.9%	0.2%	0.0%	0.5%	8.2%	100.0%
556	0.9%	46.5%	16.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.6%	5.1%	12.3%	2.7%	0.7%	0.1%	1.4%	2.5%	100.0%
611	0.5%	27.4%	25.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.3%	5.0%	8.6%	1.6%	0.4%	0.2%	2.6%	15.6%	100.0%
612	0.5%	24.8%	22.3%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.2%	3.7%	6.8%	1.2%	0.3%	0.4%	4.5%	26.4%	100.0%
613	0.6%	29.9%	30.8%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.3%	11.9%	7.1%	12.0%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
801	0.9%	48.2%	17.0%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.6%	4.5%	12.4%	3.3%	0.9%	0.0%	0.4%	2.8%	100.0%
802	0.9%	49.0%	15.5%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	7.7%	4.6%	10.8%	2.5%	0.7%	0.0%	0.5%	6.0%	100.0%
803	0.7%	38.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	15.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
804	0.7%	38.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	15.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
805	0.7%	38.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	15.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
806	0.7%	38.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	15.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
807	0.7%	38.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	15.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
808	0.9%	47.1%	29.1%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	6.2%	3.7%	5.1%	0.9%	0.2%	0.2%	2.5%	0.0%	100.0%
809	0.7%	37.4%	35.6%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	5.8%	3.5%	4.3%	0.7%	0.2%	0.6%	7.4%	0.0%	100.0%
810	0.6%	31.1%	21.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.5%	7.4%	20.6%	2.9%	0.8%	0.0%	0.0%	0.0%	100.0%
811	0.4%	23.8%	33.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.3%	6.7%	19.0%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
812	0.4%	23.8%	33.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.3%	6.7%	19.0%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
813	0.4%	23.8%	33.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.3%	6.7%	19.0%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
814	0.5%	26.9%	32.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.1%	6.6%	17.4%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
815	0.6%	32.3%	33.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.3%	6.1%	13.3%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
816	0.8%	40.7%	30.7%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.9%	4.1%	11.8%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
1101	1.3%	72.9%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.3%	72.9%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.3%	72.9%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.8%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1200-1300																		
11	1.0%	52.1%	16.6%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.3%	4.3%	10.8%	3.0%	0.8%	0.1%	1.1%	1.1%	100.0%
12	0.9%	49.6%	22.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.5%	3.9%	8.9%	1.8%	0.5%	0.2%	2.1%	0.0%	100.0%
13	1.0%	53.0%	14.5%	0.5%	0.3%	0.4%	0.0%	0.2%	0.1%	0.2%	7.5%	4.5%	11.4%	3.4%	0.9%	0.1%	0.7%	1.4%	100.0%
14	1.0%	54.1%	16.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.4%	5.0%	10.9%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
15	1.0%	53.2%	14.9%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	7.7%	4.6%	11.3%	3.0%	0.8%	0.0%	0.6%	1.1%	100.0%
16	1.1%	58.3%	10.5%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	11.2%	4.1%	1.1%	0.0%	0.5%	1.2%	100.0%
17	0.9%	51.0%	15.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.0%	5.3%	12.8%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
18	1.1%	59.6%	9.7%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	5.9%	3.5%	11.0%	4.4%	1.1%	0.1%	0.6%	1.4%	100.0%
19	1.0%	53.8%	14.4%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	6.6%	3.9%	10.6%	3.3%	0.9%	0.3%	3.6%	0.0%	100.0%
21	1.0%	54.0%	15.0%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.8%	4.1%	11.4%	3.6%	0.9%	0.0%	0.0%	0.0%	100.0%
22	1.1%	58.1%	11.0%	0.5%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	6.1%	3.6%	10.9%	4.1%	1.1%	0.1%	1.0%	1.0%	100.0%
95	0.9%	47.2%	22.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.3%	3.7%	9.1%	2.1%	0.5%	0.1%	1.8%	3.4%	100.0%
96	0.8%	45.4%	15.0%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.2%	8.3%	4.9%	12.5%	2.7%	0.7%	0.2%	2.4%	4.0%	100.0%
111	0.7%	39.1%	26.4%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	7.4%	4.4%	10.5%	2.6%	0.7%	0.1%	1.0%	4.3%	100.0%
112	0.7%	35.8%	19.6%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.1%	14.2%	3.6%	0.9%	0.1%	1.4%	6.3%	100.0%
113	0.8%	42.3%	17.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.0%	4.8%	13.2%	3.6%	0.9%	0.1%	0.9%	4.1%	100.0%
114	0.7%	40.3%	21.6%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	7.8%	4.6%	12.1%	4.0%	1.0%	0.2%	2.6%	2.2%	100.0%
115	0.9%	47.4%	15.5%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.9%	4.1%	11.4%	4.0%	1.0%	0.2%	2.0%	3.7%	100.0%
133	0.8%	40.9%	22.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.3%	4.3%	12.2%	4.2%	1.1%	0.1%	1.3%	1.9%	100.0%
134	0.9%	48.3%	17.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.8%	4.0%	11.1%	4.1%	1.1%	0.1%	1.5%	1.6%	100.0%
135	0.8%	42.8%	24.6%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.8%	10.9%	3.8%	1.0%	0.1%	1.2%	1.7%	100.0%
136	0.9%	48.3%	17.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.8%	4.0%	11.1%	4.1%	1.1%	0.1%	1.5%	1.6%	100.0%
389	0.6%	31.6%	22.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.3%	6.7%	10.8%	2.1%	0.5%	0.2%	2.9%	8.5%	100.0%
390	0.6%	34.9%	24.4%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.3%	11.2%	6.7%	9.7%	1.8%	0.5%	0.6%	7.5%	0.0%	100.0%
502	1.1%	61.3%	9.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	7.7%	4.6%	12.7%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
503	1.0%	52.1%	16.4%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	5.9%	3.5%	6.6%	0.8%	0.2%	0.1%	0.8%	11.6%	100.0%
504	1.0%	55.5%	16.9%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	5.7%	3.4%	6.2%	0.7%	0.2%	0.0%	0.6%	8.6%	100.0%
556	0.9%	50.1%	17.9%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.2%	4.3%	10.2%	2.3%	0.6%	0.1%	1.5%	2.6%	100.0%
611	0.5%	29.2%	27.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.9%	4.1%	7.1%	1.3%	0.3%	0.2%	2.8%	16.5%	100.0%
612	0.5%	26.1%	23.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.0%	3.0%	5.5%	1.0%	0.3%	0.4%	4.7%	27.7%	100.0%
613	0.6%	32.7%	33.7%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.3%	10.0%	6.0%	10.1%	1.7%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.0%	51.8%	18.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.3%	3.7%	10.2%	2.8%	0.7%	0.0%	0.4%	3.0%	100.0%
802	1.0%	52.3%	16.6%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	8.9%	2.1%	0.5%	0.0%	0.6%	6.4%	100.0%
803	0.8%	41.8%	23.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	5.9%	13.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
804	0.8%	41.8%	23.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	5.9%	13.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
805	0.8%	41.8%	23.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	5.9%	13.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
806	0.8%	41.8%	23.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	5.9%	13.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
807	0.8%	41.8%	23.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.0%	5.9%	13.3%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
808	0.9%	49.2%	30.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	4.1%	0.7%	0.2%	0.2%	2.6%	0.0%	100.0%
809	0.7%	38.9%	37.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	4.7%	2.8%	3.4%	0.6%	0.2%	0.6%	7.7%	0.0%	100.0%
810	0.6%	34.8%	23.9%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.8%	6.4%	17.8%	2.5%	0.7%	0.0%	0.0%	0.0%	100.0%
811	0.5%	26.3%	37.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	9.6%	5.7%	16.2%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
812	0.5%	26.3%	37.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	9.6%	5.7%	16.2%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
813	0.5%	26.3%	37.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	9.6%	5.7%	16.2%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
814	0.5%	29.5%	35.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	9.4%	5.6%	14.8%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
815	0.6%	34.9%	36.3%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.6%	5.1%	11.1%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
816	0.8%	43.4%	32.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.7%	3.4%	9.7%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	1.4%	75.1%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.2%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	1.4%	75.1%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.2%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	1.4%	75.1%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.2%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1300-1400																		
11	1.8%	68.8%	11.7%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.2%	1.9%	4.9%	2.1%	0.5%	0.1%	1.0%	1.1%	100.0%
12	1.6%	62.1%	15.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	3.7%	2.2%	5.7%	1.9%	0.5%	0.2%	2.7%	0.0%	100.0%
13	1.8%	70.8%	10.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.1%	1.8%	4.6%	2.1%	0.6%	0.0%	0.5%	1.4%	100.0%
14	1.8%	68.8%	15.8%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	4.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.4%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.3%	2.0%	4.5%	1.8%	0.5%	0.0%	0.4%	1.1%	100.0%
16	1.9%	74.5%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.5%	2.0%	5.0%	1.7%	0.4%	0.0%	0.4%	1.1%	100.0%
17	1.6%	64.0%	14.0%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.6%	3.9%	7.0%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	2.0%	76.6%	7.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	2.8%	1.7%	4.6%	1.8%	0.5%	0.0%	0.5%	1.3%	100.0%
19	1.9%	75.5%	8.7%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	3.8%	1.2%	0.3%	0.2%	3.1%	0.0%	100.0%
21	1.9%	72.4%	10.8%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.3%	2.0%	5.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	76.0%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.8%	1.7%	4.5%	1.7%	0.5%	0.1%	0.8%	0.9%	100.0%
95	1.4%	55.3%	17.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	6.6%	1.7%	0.4%	0.2%	2.0%	3.7%	100.0%
96	1.7%	66.2%	11.9%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.8%	2.3%	4.8%	1.2%	0.3%	0.1%	1.9%	3.7%	100.0%
111	1.3%	50.8%	20.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.1%	3.0%	6.9%	1.8%	0.5%	0.1%	1.0%	5.1%	100.0%
112	1.5%	57.1%	16.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.5%	5.9%	1.7%	0.4%	0.1%	1.3%	6.1%	100.0%
113	1.6%	63.1%	14.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	5.6%	1.7%	0.5%	0.1%	0.8%	3.7%	100.0%
114	1.2%	47.9%	18.8%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	3.2%	2.8%	100.0%
115	1.6%	62.8%	12.8%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	5.8%	2.2%	0.6%	0.2%	2.4%	3.4%	100.0%
133	1.3%	49.6%	18.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.5%	3.8%	9.4%	2.9%	0.8%	0.1%	1.7%	2.5%	100.0%
134	1.7%	65.1%	12.8%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	3.7%	2.2%	6.1%	2.5%	0.6%	0.1%	1.6%	1.8%	100.0%
135	1.3%	52.3%	17.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.0%	3.6%	8.9%	2.9%	0.8%	0.1%	1.8%	2.7%	100.0%
136	1.7%	65.1%	12.8%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	3.7%	2.2%	6.1%	2.5%	0.6%	0.1%	1.6%	1.8%	100.0%
389	1.3%	52.0%	19.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.4%	2.6%	3.7%	0.9%	0.2%	0.3%	4.3%	8.0%	100.0%
390	1.1%	42.2%	26.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.8%	4.0%	5.1%	1.5%	0.4%	0.7%	9.0%	0.0%	100.0%
502	2.0%	77.9%	10.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.9%	1.7%	3.9%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	64.3%	14.9%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	2.2%	0.3%	0.1%	0.1%	0.7%	11.1%	100.0%
504	1.7%	67.4%	15.4%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.0%	0.5%	8.2%	100.0%
556	1.7%	64.9%	14.4%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	4.9%	1.2%	0.3%	0.1%	1.4%	2.7%	100.0%
611	1.3%	50.3%	18.5%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.1%	2.7%	1.6%	2.4%	0.5%	0.1%	0.2%	2.9%	15.8%	100.0%
612	1.0%	38.2%	15.6%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	2.3%	1.4%	2.1%	0.4%	0.1%	0.4%	5.6%	30.7%	100.0%
613	1.6%	62.8%	22.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.1%	1.8%	2.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
801	1.8%	68.6%	15.6%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.5%	1.5%	4.1%	0.9%	0.2%	0.0%	0.3%	3.1%	100.0%
802	1.7%	67.0%	15.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	3.3%	0.7%	0.2%	0.0%	0.4%	6.0%	100.0%
803	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	62.3%	22.3%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.3%	1.9%	2.2%	0.4%	0.1%	0.2%	2.6%	0.0%	100.0%
809	1.2%	47.1%	32.2%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.1%	3.7%	2.2%	2.4%	0.4%	0.1%	0.6%	7.2%	0.0%	100.0%
810	1.5%	58.4%	21.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.9%	2.9%	7.3%	1.3%	0.4%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.5%	29.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.8%	2.3%	5.4%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.5%	31.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	4.8%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.2%	22.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	6.5%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1400-1500																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1500-1600																		
11	1.5%	60.6%	10.3%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	4.8%	2.8%	7.3%	3.1%	0.8%	0.1%	1.6%	1.7%	100.0%
12	1.4%	53.5%	13.4%	2.2%	1.6%	1.6%	0.0%	0.7%	0.6%	0.1%	5.4%	3.2%	8.3%	2.8%	0.7%	0.3%	4.1%	0.0%	100.0%
13	1.6%	62.7%	9.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	4.6%	2.7%	7.0%	3.2%	0.8%	0.1%	0.8%	2.3%	100.0%
14	1.6%	62.4%	14.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.4%	3.8%	6.5%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
15	1.6%	62.7%	10.4%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.0%	3.0%	6.9%	2.7%	0.7%	0.1%	0.7%	1.8%	100.0%
16	1.7%	67.0%	7.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	7.6%	2.6%	0.7%	0.0%	0.6%	1.7%	100.0%
17	1.4%	55.8%	12.2%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.7%	5.8%	10.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
18	1.8%	69.4%	6.5%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.6%	7.1%	2.8%	0.7%	0.1%	0.7%	2.1%	100.0%
19	1.7%	68.4%	7.8%	0.8%	0.5%	0.6%	0.0%	0.3%	0.2%	0.1%	3.8%	2.3%	5.9%	1.9%	0.5%	0.4%	4.9%	0.0%	100.0%
21	1.7%	65.1%	9.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.1%	3.0%	7.7%	2.7%	0.7%	0.0%	0.0%	0.0%	100.0%
22	1.8%	68.7%	7.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.6%	6.9%	2.7%	0.7%	0.1%	1.3%	1.5%	100.0%
95	1.2%	46.2%	14.4%	1.9%	1.3%	1.4%	0.0%	0.6%	0.5%	0.2%	7.1%	4.2%	9.3%	2.4%	0.6%	0.2%	2.9%	5.5%	100.0%
96	1.5%	57.5%	10.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.7%	3.4%	7.0%	1.8%	0.5%	0.2%	3.0%	5.7%	100.0%
111	1.1%	42.1%	17.1%	2.0%	1.4%	1.4%	0.0%	0.7%	0.5%	0.2%	7.2%	4.3%	9.7%	2.6%	0.7%	0.1%	1.5%	7.4%	100.0%
112	1.2%	48.2%	14.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	6.1%	3.7%	8.5%	2.5%	0.6%	0.1%	1.9%	9.2%	100.0%
113	1.4%	54.5%	12.5%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	5.7%	3.4%	8.2%	2.6%	0.7%	0.1%	1.2%	5.7%	100.0%
114	1.0%	38.6%	15.1%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.2%	8.5%	5.1%	12.4%	3.8%	1.0%	0.4%	4.6%	4.0%	100.0%
115	1.4%	53.7%	10.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.6%	3.3%	8.5%	3.2%	0.8%	0.3%	3.7%	5.1%	100.0%
133	1.0%	40.4%	14.9%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	9.0%	5.3%	13.0%	4.0%	1.1%	0.2%	2.5%	3.7%	100.0%
134	1.4%	56.6%	11.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.5%	3.3%	8.9%	3.6%	1.0%	0.2%	2.4%	2.8%	100.0%
135	1.1%	43.1%	14.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.4%	5.0%	12.5%	4.1%	1.1%	0.2%	2.6%	3.9%	100.0%
136	1.4%	56.6%	11.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.5%	3.3%	8.9%	3.6%	1.0%	0.2%	2.4%	2.8%	100.0%
389	1.1%	43.1%	16.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.1%	3.6%	5.2%	1.3%	0.3%	0.5%	6.3%	11.8%	100.0%
390	0.9%	34.3%	21.2%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	9.4%	5.6%	7.1%	2.0%	0.5%	1.0%	12.9%	0.0%	100.0%
502	1.9%	72.6%	9.4%	0.2%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	6.3%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
503	1.4%	56.2%	13.0%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	3.7%	2.2%	3.3%	0.5%	0.1%	0.1%	1.0%	17.2%	100.0%
504	1.5%	60.4%	13.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.5%	2.1%	3.0%	0.5%	0.1%	0.1%	0.8%	13.0%	100.0%
556	1.5%	56.8%	12.6%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	5.8%	3.4%	7.3%	1.8%	0.5%	0.2%	2.2%	4.1%	100.0%
611	1.0%	40.7%	15.0%	2.0%	1.4%	1.4%	0.0%	0.7%	0.5%	0.1%	3.8%	2.2%	3.3%	0.7%	0.2%	0.3%	4.1%	22.6%	100.0%
612	0.7%	28.2%	11.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.9%	1.7%	2.6%	0.6%	0.1%	0.6%	7.3%	40.2%	100.0%
613	1.4%	56.6%	20.2%	2.8%	2.0%	2.1%	0.0%	1.0%	0.8%	0.1%	4.7%	2.8%	4.2%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
801	1.6%	62.1%	14.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.8%	2.3%	6.2%	1.3%	0.3%	0.0%	0.4%	5.0%	100.0%
802	1.5%	59.9%	13.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.8%	2.3%	5.0%	1.0%	0.3%	0.0%	0.6%	9.4%	100.0%
803	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
804	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
805	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
806	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
807	1.4%	53.7%	17.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	7.9%	4.7%	8.9%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
808	1.4%	56.2%	20.1%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.1%	5.0%	3.0%	3.4%	0.6%	0.2%	0.3%	4.1%	0.0%	100.0%
809	1.0%	40.9%	27.9%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.1%	5.5%	3.2%	3.6%	0.7%	0.2%	0.9%	11.1%	0.0%	100.0%
810	1.3%	51.2%	18.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	7.3%	4.3%	10.9%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
811	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
812	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
813	1.2%	47.5%	27.2%	1.7%	1.2%	1.2%	0.0%	0.6%	0.5%	0.1%	5.5%	3.2%	8.2%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
814	1.2%	48.0%	26.6%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	5.9%	3.5%	8.2%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
815	1.2%	47.3%	28.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	6.5%	3.9%	7.3%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
816	1.3%	52.7%	20.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.4%	3.8%	9.8%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
1101	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.1%	81.9%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1600-1700																		
11	1.5%	58.0%	9.9%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.0%	3.6%	9.2%	3.9%	1.0%	0.1%	1.2%	1.3%	100.0%
12	1.3%	51.2%	12.8%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.2%	6.7%	4.0%	10.5%	3.6%	0.9%	0.2%	3.0%	0.0%	100.0%
13	1.5%	60.1%	9.0%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	5.8%	3.4%	8.8%	4.0%	1.1%	0.0%	0.6%	1.7%	100.0%
14	1.5%	59.2%	13.6%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	8.0%	4.8%	8.1%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.5%	59.9%	10.0%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.2%	6.3%	3.7%	8.6%	3.5%	0.9%	0.0%	0.5%	1.3%	100.0%
16	1.6%	63.6%	7.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	6.6%	3.9%	9.5%	3.2%	0.8%	0.0%	0.4%	1.2%	100.0%
17	1.3%	51.5%	11.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	11.8%	7.0%	12.6%	1.7%	0.4%	0.0%	0.0%	0.0%	100.0%
18	1.7%	66.3%	6.2%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	5.4%	3.2%	8.9%	3.5%	0.9%	0.0%	0.5%	1.5%	100.0%
19	1.7%	66.4%	7.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.9%	2.9%	7.5%	2.4%	0.6%	0.3%	3.6%	0.0%	100.0%
21	1.6%	61.7%	9.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.3%	3.7%	9.6%	3.4%	0.9%	0.0%	0.0%	0.0%	100.0%
22	1.7%	65.8%	6.8%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	5.4%	3.2%	8.7%	3.3%	0.9%	0.1%	1.0%	1.1%	100.0%
95	1.1%	44.1%	13.8%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	9.0%	5.3%	11.7%	3.0%	0.8%	0.2%	2.1%	4.0%	100.0%
96	1.4%	55.6%	10.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.2%	4.3%	9.0%	2.3%	0.6%	0.2%	2.2%	4.2%	100.0%
111	1.0%	40.2%	16.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	9.0%	5.4%	12.2%	3.3%	0.9%	0.1%	1.1%	5.4%	100.0%
112	1.2%	46.5%	13.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.8%	4.6%	10.7%	3.1%	0.8%	0.1%	1.4%	6.7%	100.0%
113	1.3%	52.2%	12.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.2%	4.3%	10.3%	3.2%	0.8%	0.1%	0.9%	4.2%	100.0%
114	0.9%	36.1%	14.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	10.5%	6.2%	15.3%	4.7%	1.2%	0.3%	3.3%	2.9%	100.0%
115	1.3%	51.5%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.1%	4.2%	10.7%	4.0%	1.1%	0.2%	2.7%	3.8%	100.0%
133	1.0%	37.3%	13.8%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.3%	10.9%	6.5%	15.9%	4.9%	1.3%	0.1%	1.7%	2.6%	100.0%
134	1.4%	53.7%	10.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.9%	4.1%	11.2%	4.6%	1.2%	0.1%	1.8%	2.0%	100.0%
135	1.0%	39.9%	13.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.3%	6.1%	15.3%	5.0%	1.3%	0.1%	1.9%	2.8%	100.0%
136	1.4%	53.7%	10.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	6.9%	4.1%	11.2%	4.6%	1.2%	0.1%	1.8%	2.0%	100.0%
389	1.1%	42.9%	16.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.1%	4.8%	6.8%	1.7%	0.4%	0.4%	4.8%	9.0%	100.0%
390	0.8%	33.0%	20.4%	1.3%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	11.9%	7.0%	9.0%	2.6%	0.7%	0.7%	9.5%	0.0%	100.0%
502	1.8%	69.3%	8.9%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	5.8%	3.4%	7.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
503	1.5%	57.0%	13.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.9%	2.9%	4.4%	0.7%	0.2%	0.1%	0.8%	13.3%	100.0%
504	1.6%	60.7%	13.9%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.7%	2.8%	4.0%	0.6%	0.2%	0.0%	0.6%	9.9%	100.0%
556	1.4%	54.6%	12.1%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	7.3%	4.3%	9.3%	2.2%	0.6%	0.1%	1.6%	3.0%	100.0%
611	1.1%	42.3%	15.6%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.1%	5.1%	3.1%	4.5%	1.0%	0.3%	0.3%	3.3%	18.0%	100.0%
612	0.8%	31.2%	12.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.2%	2.5%	3.7%	0.8%	0.2%	0.5%	6.1%	33.9%	100.0%
613	1.4%	55.0%	19.7%	2.4%	1.7%	1.7%	0.0%	0.8%	0.7%	0.2%	6.1%	3.6%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
801	1.5%	60.4%	13.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.9%	2.9%	8.0%	1.7%	0.4%	0.0%	0.3%	3.7%	100.0%
802	1.5%	59.2%	13.6%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	4.9%	2.9%	6.5%	1.4%	0.4%	0.0%	0.5%	7.1%	100.0%
803	1.3%	50.2%	16.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.8%	11.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
804	1.3%	50.2%	16.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.8%	11.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
805	1.3%	50.2%	16.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.8%	11.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
806	1.3%	50.2%	16.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.8%	11.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
807	1.3%	50.2%	16.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.8%	11.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
808	1.4%	55.0%	19.7%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.2%	6.5%	3.8%	4.3%	0.8%	0.2%	0.2%	3.1%	0.0%	100.0%
809	1.0%	40.6%	27.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	7.1%	4.2%	4.7%	0.9%	0.2%	0.6%	8.4%	0.0%	100.0%
810	1.2%	47.7%	17.1%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	8.9%	5.3%	13.3%	2.5%	0.6%	0.0%	0.0%	0.0%	100.0%
811	1.2%	45.1%	25.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.8%	4.1%	10.2%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
812	1.2%	45.1%	25.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.8%	4.1%	10.2%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
813	1.2%	45.1%	25.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.8%	4.1%	10.2%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
814	1.2%	45.4%	25.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.3%	4.3%	10.2%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
815	1.1%	44.8%	26.9%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	8.1%	4.8%	9.2%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
816	1.3%	49.4%	19.0%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.8%	4.7%	12.1%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
1101	2.1%	80.2%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.1%	80.2%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.1%	80.2%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1700-1800																		
11	1.4%	53.1%	9.0%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.7%	4.5%	11.7%	5.0%	1.3%	0.1%	1.3%	1.4%	100.0%
12	1.2%	46.5%	11.6%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	8.5%	5.1%	13.2%	4.5%	1.2%	0.3%	3.3%	0.0%	100.0%
13	1.4%	55.1%	8.2%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.4%	4.4%	11.2%	5.1%	1.3%	0.1%	0.7%	1.8%	100.0%
14	1.4%	54.6%	12.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	10.3%	6.1%	10.4%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
15	1.4%	55.0%	9.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.0%	4.8%	11.0%	4.4%	1.2%	0.0%	0.5%	1.4%	100.0%
16	1.5%	58.0%	6.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	8.4%	5.0%	12.1%	4.1%	1.1%	0.0%	0.5%	1.4%	100.0%
17	1.2%	45.6%	10.0%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.4%	14.6%	8.6%	15.5%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
18	1.6%	60.9%	5.7%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	6.9%	4.1%	11.3%	4.5%	1.2%	0.0%	0.6%	1.7%	100.0%
19	1.6%	61.6%	7.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.3%	3.7%	9.7%	3.1%	0.8%	0.3%	4.1%	0.0%	100.0%
21	1.4%	56.7%	8.4%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.2%	8.0%	4.8%	12.2%	4.3%	1.1%	0.0%	0.0%	0.0%	100.0%
22	1.5%	60.5%	6.2%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	7.0%	4.1%	11.2%	4.3%	1.1%	0.1%	1.1%	1.2%	100.0%
95	1.0%	39.2%	12.3%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.3%	11.1%	6.6%	14.5%	3.7%	1.0%	0.2%	2.3%	4.3%	100.0%
96	1.3%	50.5%	9.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	9.1%	5.4%	11.3%	2.9%	0.8%	0.2%	2.4%	4.6%	100.0%
111	0.9%	35.6%	14.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.3%	11.1%	6.6%	15.0%	4.0%	1.1%	0.1%	1.1%	5.8%	100.0%
112	1.1%	41.5%	12.2%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	9.7%	5.8%	13.3%	3.9%	1.0%	0.1%	1.5%	7.3%	100.0%
113	1.2%	47.1%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.1%	5.4%	12.9%	4.0%	1.1%	0.1%	0.9%	4.6%	100.0%
114	0.8%	31.2%	12.2%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.3%	12.6%	7.5%	18.3%	5.7%	1.5%	0.3%	3.4%	3.0%	100.0%
115	1.2%	46.1%	9.4%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.8%	5.2%	13.3%	5.0%	1.3%	0.2%	2.9%	4.1%	100.0%
133	0.8%	32.2%	11.9%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	13.1%	7.8%	19.0%	5.9%	1.5%	0.1%	1.8%	2.7%	100.0%
134	1.2%	48.2%	9.5%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	8.6%	5.1%	13.9%	5.7%	1.5%	0.1%	1.9%	2.2%	100.0%
135	0.9%	34.6%	11.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	12.4%	7.3%	18.4%	6.0%	1.6%	0.2%	2.0%	2.9%	100.0%
136	1.2%	48.2%	9.5%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	8.6%	5.1%	13.9%	5.7%	1.5%	0.1%	1.9%	2.2%	100.0%
389	1.0%	38.6%	14.6%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.1%	6.0%	8.5%	2.1%	0.6%	0.4%	5.3%	9.8%	100.0%
390	0.7%	29.0%	17.9%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.4%	14.5%	8.6%	10.9%	3.1%	0.8%	0.8%	10.1%	0.0%	100.0%
502	1.6%	64.5%	8.3%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	7.5%	4.4%	10.2%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
503	1.3%	52.7%	12.2%	0.2%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	6.4%	3.8%	5.6%	0.9%	0.2%	0.1%	0.9%	15.0%	100.0%
504	1.5%	56.7%	13.0%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	6.1%	3.6%	5.2%	0.8%	0.2%	0.1%	0.7%	11.3%	100.0%
556	1.3%	49.7%	11.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.2%	5.5%	11.7%	2.8%	0.7%	0.1%	1.8%	3.4%	100.0%
611	1.0%	38.7%	14.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	6.5%	3.9%	5.8%	1.3%	0.3%	0.3%	3.6%	20.0%	100.0%
612	0.7%	27.6%	11.3%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.2%	3.1%	4.6%	1.0%	0.3%	0.5%	6.6%	36.5%	100.0%
613	1.3%	52.2%	18.6%	2.0%	1.4%	1.4%	0.0%	0.7%	0.5%	0.2%	8.0%	4.7%	7.1%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.4%	56.1%	12.7%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	6.3%	3.7%	10.3%	2.2%	0.6%	0.0%	0.3%	4.2%	100.0%
802	1.4%	54.9%	12.7%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	8.4%	1.8%	0.5%	0.0%	0.5%	8.0%	100.0%
803	1.2%	45.3%	14.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.2%	7.2%	13.8%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
804	1.2%	45.3%	14.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.2%	7.2%	13.8%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
805	1.2%	45.3%	14.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.2%	7.2%	13.8%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
806	1.2%	45.3%	14.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.2%	7.2%	13.8%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
807	1.2%	45.3%	14.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	12.2%	7.2%	13.8%	2.3%	0.6%	0.0%	0.0%	0.0%	100.0%
808	1.3%	51.8%	18.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.5%	5.0%	5.7%	1.1%	0.3%	0.3%	3.5%	0.0%	100.0%
809	1.0%	37.6%	25.6%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	6.0%	1.1%	0.3%	0.7%	9.5%	0.0%	100.0%
810	1.1%	42.7%	15.3%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.1%	6.6%	16.6%	3.1%	0.8%	0.0%	0.0%	0.0%	100.0%
811	1.1%	41.5%	23.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.2%	13.0%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
812	1.1%	41.5%	23.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.2%	13.0%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
813	1.1%	41.5%	23.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.7%	5.2%	13.0%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
814	1.1%	41.7%	23.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.3%	5.5%	13.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
815	1.1%	41.2%	24.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.4%	6.1%	11.7%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
816	1.1%	44.8%	17.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.3%	9.9%	5.9%	15.2%	2.8%	0.7%	0.0%	0.0%	0.0%	100.0%
1101	2.0%	77.6%	8.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.2%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.0%	77.6%	8.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.2%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.0%	77.6%	8.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	7.2%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1800-1900																		
11	1.4%	54.5%	9.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	7.0%	4.2%	10.6%	4.6%	1.2%	0.1%	1.3%	1.4%	100.0%
12	1.2%	47.8%	11.9%	1.9%	1.3%	1.4%	0.0%	0.6%	0.5%	0.2%	7.8%	4.6%	12.1%	4.1%	1.1%	0.2%	3.2%	0.0%	100.0%
13	1.4%	56.6%	8.4%	1.3%	0.9%	0.9%	0.0%	0.4%	0.4%	0.2%	6.8%	4.0%	10.2%	4.7%	1.2%	0.1%	0.7%	1.8%	100.0%
14	1.4%	56.1%	12.9%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.4%	5.6%	9.5%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.4%	56.5%	9.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.3%	4.3%	10.0%	4.0%	1.1%	0.0%	0.5%	1.4%	100.0%
16	1.5%	59.9%	6.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	7.7%	4.6%	11.1%	3.7%	1.0%	0.0%	0.5%	1.4%	100.0%
17	1.2%	47.6%	10.4%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.4%	13.5%	8.0%	14.4%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
18	1.6%	62.7%	5.9%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.3%	3.8%	10.4%	4.2%	1.1%	0.0%	0.6%	1.7%	100.0%
19	1.6%	63.2%	7.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	5.7%	3.4%	8.8%	2.8%	0.7%	0.3%	4.0%	0.0%	100.0%
21	1.5%	58.2%	8.7%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.2%	7.4%	4.4%	11.2%	3.9%	1.0%	0.0%	0.0%	0.0%	100.0%
22	1.6%	62.3%	6.4%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	6.4%	3.8%	10.2%	3.9%	1.0%	0.1%	1.1%	1.2%	100.0%
95	1.0%	40.6%	12.7%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.3%	10.2%	6.1%	13.4%	3.4%	0.9%	0.2%	2.3%	4.3%	100.0%
96	1.3%	52.1%	9.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.3%	5.0%	10.4%	2.7%	0.7%	0.2%	2.4%	4.5%	100.0%
111	0.9%	36.9%	15.0%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.3%	10.3%	6.1%	13.8%	3.7%	1.0%	0.1%	1.1%	5.7%	100.0%
112	1.1%	43.0%	12.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.9%	5.3%	12.3%	3.6%	0.9%	0.1%	1.5%	7.2%	100.0%
113	1.2%	48.7%	11.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.3%	5.0%	11.9%	3.7%	1.0%	0.1%	0.9%	4.5%	100.0%
114	0.8%	32.7%	12.8%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	11.7%	7.0%	17.1%	5.3%	1.4%	0.3%	3.4%	3.0%	100.0%
115	1.2%	47.8%	9.7%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.1%	4.8%	12.3%	4.6%	1.2%	0.2%	2.9%	4.0%	100.0%
133	0.9%	33.8%	12.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.3%	12.2%	7.3%	17.7%	5.5%	1.4%	0.1%	1.8%	2.7%	100.0%
134	1.3%	49.9%	9.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.9%	4.7%	12.8%	5.2%	1.4%	0.1%	1.9%	2.2%	100.0%
135	0.9%	36.3%	11.9%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.5%	6.8%	17.2%	5.6%	1.5%	0.1%	1.9%	2.9%	100.0%
136	1.3%	49.9%	9.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.9%	4.7%	12.8%	5.2%	1.4%	0.1%	1.9%	2.2%	100.0%
389	1.0%	39.8%	15.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	9.2%	5.5%	7.8%	1.9%	0.5%	0.4%	5.2%	9.6%	100.0%
390	0.8%	30.2%	18.7%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.4%	13.4%	8.0%	10.1%	2.9%	0.8%	0.8%	10.0%	0.0%	100.0%
502	1.7%	66.2%	8.5%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%	6.8%	4.1%	9.3%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
503	1.4%	54.1%	12.5%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	5.8%	3.4%	5.1%	0.8%	0.2%	0.1%	0.9%	14.6%	100.0%
504	1.5%	58.0%	13.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	5.5%	3.3%	4.8%	0.7%	0.2%	0.0%	0.6%	11.0%	100.0%
556	1.3%	51.2%	11.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.5%	5.0%	10.7%	2.6%	0.7%	0.1%	1.7%	3.3%	100.0%
611	1.0%	39.5%	14.5%	1.8%	1.3%	1.3%	0.0%	0.6%	0.5%	0.2%	5.9%	3.5%	5.2%	1.2%	0.3%	0.3%	3.5%	19.4%	100.0%
612	0.7%	28.5%	11.6%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.7%	2.8%	4.2%	0.9%	0.2%	0.5%	6.5%	35.8%	100.0%
613	1.3%	52.6%	18.8%	2.5%	1.8%	1.8%	0.0%	0.8%	0.7%	0.2%	7.2%	4.3%	6.3%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
801	1.5%	57.4%	13.0%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	9.4%	2.0%	0.5%	0.0%	0.3%	4.1%	100.0%
802	1.4%	56.2%	13.0%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	5.8%	3.4%	7.6%	1.6%	0.4%	0.0%	0.5%	7.8%	100.0%
803	1.2%	46.8%	15.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.2%	6.7%	12.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
804	1.2%	46.8%	15.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.2%	6.7%	12.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
805	1.2%	46.8%	15.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.2%	6.7%	12.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
806	1.2%	46.8%	15.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.2%	6.7%	12.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
807	1.2%	46.8%	15.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.2%	6.7%	12.7%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
808	1.3%	52.6%	18.8%	1.6%	1.1%	1.2%	0.0%	0.5%	0.4%	0.2%	7.6%	4.5%	5.1%	1.0%	0.3%	0.3%	3.4%	0.0%	100.0%
809	1.0%	38.4%	26.2%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	8.3%	5.0%	5.4%	1.0%	0.3%	0.7%	9.2%	0.0%	100.0%
810	1.1%	44.3%	15.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	10.2%	6.1%	15.3%	2.8%	0.7%	0.0%	0.0%	0.0%	100.0%
811	1.1%	42.5%	24.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	8.0%	4.7%	11.9%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
812	1.1%	42.5%	24.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	8.0%	4.7%	11.9%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
813	1.1%	42.5%	24.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	8.0%	4.7%	11.9%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
814	1.1%	42.8%	23.8%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.5%	5.1%	11.9%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
815	1.1%	42.3%	25.4%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	9.5%	5.6%	10.7%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
816	1.2%	46.3%	17.8%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	9.1%	5.4%	14.0%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
1101	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	1900-2000																		
11	1.4%	55.2%	9.4%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	7.1%	4.2%	10.8%	4.6%	1.2%	0.1%	1.0%	1.1%	100.0%
12	1.2%	48.6%	12.1%	1.6%	1.2%	1.2%	0.0%	0.5%	0.4%	0.2%	7.9%	4.7%	12.3%	4.2%	1.1%	0.2%	2.5%	0.0%	100.0%
13	1.5%	57.2%	8.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.9%	4.1%	10.3%	4.8%	1.2%	0.0%	0.5%	1.4%	100.0%
14	1.4%	56.2%	12.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	9.5%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
15	1.5%	57.0%	9.5%	1.0%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.4%	4.4%	10.2%	4.1%	1.1%	0.0%	0.4%	1.1%	100.0%
16	1.5%	60.3%	6.7%	0.5%	0.3%	0.4%	0.0%	0.2%	0.1%	0.2%	7.8%	4.6%	11.2%	3.8%	1.0%	0.0%	0.4%	1.0%	100.0%
17	1.2%	47.7%	10.4%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.4%	13.6%	8.1%	14.4%	1.9%	0.5%	0.0%	0.0%	0.0%	100.0%
18	1.6%	63.2%	5.9%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	10.5%	4.2%	1.1%	0.0%	0.5%	1.3%	100.0%
19	1.6%	64.0%	7.3%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	5.8%	3.5%	9.0%	2.8%	0.7%	0.2%	3.1%	0.0%	100.0%
21	1.5%	58.5%	8.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.4%	4.4%	11.2%	4.0%	1.0%	0.0%	0.0%	0.0%	100.0%
22	1.6%	62.8%	6.5%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	10.3%	4.0%	1.0%	0.1%	0.8%	0.9%	100.0%
95	1.1%	41.6%	13.0%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	10.5%	6.2%	13.7%	3.5%	0.9%	0.1%	1.8%	3.3%	100.0%
96	1.4%	53.2%	9.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.5%	5.1%	10.6%	2.7%	0.7%	0.1%	1.8%	3.5%	100.0%
111	1.0%	37.8%	15.4%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.3%	10.5%	6.2%	14.2%	3.8%	1.0%	0.1%	0.9%	4.5%	100.0%
112	1.1%	44.1%	13.0%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.2%	5.5%	12.6%	3.7%	1.0%	0.1%	1.1%	5.6%	100.0%
113	1.3%	49.6%	11.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.5%	5.1%	12.1%	3.8%	1.0%	0.1%	0.7%	3.5%	100.0%
114	0.9%	33.4%	13.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.3%	12.0%	7.1%	17.5%	5.4%	1.4%	0.2%	2.6%	2.3%	100.0%
115	1.2%	48.8%	9.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.3%	4.9%	12.6%	4.7%	1.2%	0.2%	2.2%	3.1%	100.0%
133	0.9%	34.3%	12.7%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.3%	12.4%	7.4%	18.1%	5.6%	1.5%	0.1%	1.4%	2.1%	100.0%
134	1.3%	50.6%	10.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.1%	4.8%	13.1%	5.3%	1.4%	0.1%	1.5%	1.7%	100.0%
135	0.9%	36.9%	12.1%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	11.7%	7.0%	17.5%	5.7%	1.5%	0.1%	1.5%	2.2%	100.0%
136	1.3%	50.6%	10.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	8.1%	4.8%	13.1%	5.3%	1.4%	0.1%	1.5%	1.7%	100.0%
389	1.1%	41.6%	15.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	9.7%	5.7%	8.1%	2.0%	0.5%	0.3%	4.1%	7.6%	100.0%
390	0.8%	31.2%	19.3%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.4%	13.9%	8.2%	10.5%	3.0%	0.8%	0.6%	7.8%	0.0%	100.0%
502	1.7%	66.2%	8.5%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	6.9%	4.1%	9.3%	2.1%	0.5%	0.0%	0.0%	0.0%	100.0%
503	1.4%	56.2%	13.0%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.2%	6.0%	3.6%	5.3%	0.8%	0.2%	0.1%	0.7%	11.5%	100.0%
504	1.5%	59.7%	13.6%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	5.7%	3.4%	4.9%	0.8%	0.2%	0.0%	0.5%	8.6%	100.0%
556	1.3%	52.1%	11.6%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.6%	5.1%	10.9%	2.6%	0.7%	0.1%	1.3%	2.5%	100.0%
611	1.1%	42.2%	15.5%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.2%	6.4%	3.8%	5.6%	1.2%	0.3%	0.2%	2.8%	15.7%	100.0%
612	0.8%	31.9%	13.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	5.3%	3.2%	4.8%	1.0%	0.3%	0.4%	5.5%	30.5%	100.0%
613	1.4%	53.2%	19.0%	2.1%	1.5%	1.6%	0.0%	0.7%	0.6%	0.2%	7.3%	4.3%	6.4%	1.4%	0.4%	0.0%	0.0%	0.0%	100.0%
801	1.5%	58.2%	13.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	5.8%	3.5%	9.6%	2.0%	0.5%	0.0%	0.3%	3.1%	100.0%
802	1.5%	57.5%	13.3%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.2%	5.9%	3.5%	7.8%	1.6%	0.4%	0.0%	0.4%	6.1%	100.0%
803	1.2%	47.0%	15.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.3%	6.7%	12.8%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
804	1.2%	47.0%	15.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.3%	6.7%	12.8%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
805	1.2%	47.0%	15.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.3%	6.7%	12.8%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
806	1.2%	47.0%	15.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.3%	6.7%	12.8%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
807	1.2%	47.0%	15.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	11.3%	6.7%	12.8%	2.1%	0.6%	0.0%	0.0%	0.0%	100.0%
808	1.4%	53.4%	19.1%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.2%	7.8%	4.6%	5.2%	1.0%	0.3%	0.2%	2.6%	0.0%	100.0%
809	1.0%	39.5%	27.0%	1.3%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.6%	5.1%	5.6%	1.0%	0.3%	0.6%	7.2%	0.0%	100.0%
810	1.1%	44.5%	16.0%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.3%	6.1%	15.4%	2.8%	0.7%	0.0%	0.0%	0.0%	100.0%
811	1.1%	42.8%	24.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.0%	4.8%	12.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
812	1.1%	42.8%	24.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.0%	4.8%	12.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
813	1.1%	42.8%	24.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.0%	4.8%	12.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
814	1.1%	43.0%	23.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	8.6%	5.1%	12.0%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
815	1.1%	42.5%	25.5%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	9.5%	5.7%	10.8%	1.5%	0.4%	0.0%	0.0%	0.0%	100.0%
816	1.2%	46.4%	17.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.1%	5.4%	14.1%	2.6%	0.7%	0.0%	0.0%	0.0%	100.0%
1101	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.0%	78.6%	8.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	2000-2100																		
11	1.5%	59.3%	10.1%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	9.0%	3.8%	1.0%	0.1%	1.1%	1.1%	100.0%
12	1.3%	52.7%	13.2%	1.5%	1.0%	1.1%	0.0%	0.5%	0.4%	0.2%	6.6%	3.9%	10.3%	3.5%	0.9%	0.2%	2.7%	0.0%	100.0%
13	1.6%	61.4%	9.2%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	5.7%	3.4%	8.6%	3.9%	1.0%	0.0%	0.6%	1.5%	100.0%
14	1.5%	60.2%	13.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.8%	4.6%	7.9%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
15	1.6%	61.1%	10.2%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.1%	3.6%	8.4%	3.4%	0.9%	0.0%	0.4%	1.2%	100.0%
16	1.7%	64.7%	7.2%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.2%	6.4%	3.8%	9.3%	3.1%	0.8%	0.0%	0.4%	1.1%	100.0%
17	1.3%	52.5%	11.5%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.3%	11.5%	6.9%	12.3%	1.6%	0.4%	0.0%	0.0%	0.0%	100.0%
18	1.7%	67.4%	6.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	5.3%	3.1%	8.6%	3.4%	0.9%	0.0%	0.5%	1.4%	100.0%
19	1.7%	67.6%	7.7%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	4.8%	2.8%	7.3%	2.3%	0.6%	0.2%	3.2%	0.0%	100.0%
21	1.6%	62.8%	9.4%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.2%	6.1%	3.6%	9.3%	3.3%	0.9%	0.0%	0.0%	0.0%	100.0%
22	1.7%	66.9%	6.9%	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.1%	5.3%	3.1%	8.5%	3.2%	0.8%	0.1%	0.9%	1.0%	100.0%
95	1.2%	45.5%	14.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	8.9%	5.3%	11.6%	2.9%	0.8%	0.1%	1.9%	3.6%	100.0%
96	1.5%	57.0%	10.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.1%	4.2%	8.8%	2.3%	0.6%	0.2%	2.0%	3.8%	100.0%
111	1.1%	41.5%	16.9%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.2%	8.9%	5.3%	12.0%	3.2%	0.8%	0.1%	1.0%	4.9%	100.0%
112	1.2%	47.9%	14.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.7%	4.6%	10.6%	3.1%	0.8%	0.1%	1.2%	6.1%	100.0%
113	1.4%	53.6%	12.3%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.1%	4.2%	10.1%	3.2%	0.8%	0.1%	0.8%	3.8%	100.0%
114	1.0%	37.4%	14.7%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	10.4%	6.2%	15.1%	4.7%	1.2%	0.2%	3.0%	2.6%	100.0%
115	1.4%	52.9%	10.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.0%	4.1%	10.5%	4.0%	1.0%	0.2%	2.4%	3.4%	100.0%
133	1.0%	38.5%	14.3%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.3%	10.8%	6.4%	15.6%	4.9%	1.3%	0.1%	1.6%	2.3%	100.0%
134	1.4%	54.9%	10.8%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	6.7%	4.0%	10.9%	4.5%	1.2%	0.1%	1.6%	1.8%	100.0%
135	1.1%	41.1%	13.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.3%	10.1%	6.0%	15.1%	4.9%	1.3%	0.1%	1.7%	2.5%	100.0%
136	1.4%	54.9%	10.8%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.2%	6.7%	4.0%	10.9%	4.5%	1.2%	0.1%	1.6%	1.8%	100.0%
389	1.1%	44.5%	16.8%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	8.0%	4.7%	6.7%	1.7%	0.4%	0.3%	4.4%	8.1%	100.0%
390	0.9%	34.2%	21.2%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.3%	11.8%	7.0%	8.9%	2.5%	0.7%	0.7%	8.6%	0.0%	100.0%
502	1.8%	70.0%	9.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	5.6%	3.3%	7.6%	1.7%	0.4%	0.0%	0.0%	0.0%	100.0%
503	1.5%	58.5%	13.6%	0.2%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.9%	2.9%	4.3%	0.7%	0.2%	0.1%	0.7%	12.0%	100.0%
504	1.6%	62.0%	14.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	4.6%	2.7%	3.9%	0.6%	0.2%	0.0%	0.5%	8.9%	100.0%
556	1.4%	55.9%	12.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.2%	4.3%	9.1%	2.2%	0.6%	0.1%	1.4%	2.7%	100.0%
611	1.1%	44.3%	16.3%	1.4%	1.0%	1.0%	0.0%	0.5%	0.4%	0.1%	5.2%	3.1%	4.5%	1.0%	0.3%	0.2%	3.0%	16.5%	100.0%
612	0.9%	33.2%	13.6%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.1%	4.3%	2.5%	3.8%	0.8%	0.2%	0.4%	5.7%	31.6%	100.0%
613	1.4%	56.4%	20.1%	1.9%	1.4%	1.4%	0.0%	0.6%	0.5%	0.2%	5.9%	3.5%	5.3%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
801	1.6%	61.5%	13.9%	0.6%	0.4%	0.5%	0.0%	0.2%	0.2%	0.1%	4.8%	2.8%	7.8%	1.6%	0.4%	0.0%	0.3%	3.3%	100.0%
802	1.5%	60.4%	13.9%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	4.8%	2.9%	6.3%	1.3%	0.3%	0.0%	0.4%	6.4%	100.0%
803	1.3%	51.2%	16.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	10.7%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
804	1.3%	51.2%	16.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	10.7%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
805	1.3%	51.2%	16.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	10.7%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
806	1.3%	51.2%	16.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	10.7%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
807	1.3%	51.2%	16.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	9.5%	5.6%	10.7%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
808	1.4%	56.2%	20.1%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.2%	6.3%	3.8%	4.2%	0.8%	0.2%	0.2%	2.8%	0.0%	100.0%
809	1.1%	41.8%	28.5%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	7.0%	4.2%	4.6%	0.8%	0.2%	0.6%	7.6%	0.0%	100.0%
810	1.2%	48.7%	17.5%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	8.7%	5.2%	13.0%	2.4%	0.6%	0.0%	0.0%	0.0%	100.0%
811	1.2%	46.0%	26.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.7%	4.0%	10.0%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
812	1.2%	46.0%	26.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.7%	4.0%	10.0%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
813	1.2%	46.0%	26.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	6.7%	4.0%	10.0%	2.0%	0.5%	0.0%	0.0%	0.0%	100.0%
814	1.2%	46.3%	25.7%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	7.1%	4.2%	9.9%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
815	1.2%	45.6%	27.4%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	7.9%	4.7%	8.9%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
816	1.3%	50.3%	19.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	7.6%	4.5%	11.8%	2.2%	0.6%	0.0%	0.0%	0.0%	100.0%
1101	2.1%	80.5%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.1%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.1%	80.5%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.1%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.1%	80.5%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	5.1%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	2100-2200																		
11	1.8%	68.8%	11.7%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.2%	1.9%	4.9%	2.1%	0.5%	0.1%	1.0%	1.1%	100.0%
12	1.6%	62.1%	15.5%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	3.7%	2.2%	5.7%	1.9%	0.5%	0.2%	2.7%	0.0%	100.0%
13	1.8%	70.8%	10.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.1%	1.8%	4.6%	2.1%	0.6%	0.0%	0.5%	1.4%	100.0%
14	1.8%	68.8%	15.8%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	4.2%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.4%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.3%	2.0%	4.5%	1.8%	0.5%	0.0%	0.4%	1.1%	100.0%
16	1.9%	74.5%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.5%	2.0%	5.0%	1.7%	0.4%	0.0%	0.4%	1.1%	100.0%
17	1.6%	64.0%	14.0%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.6%	3.9%	7.0%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	2.0%	76.6%	7.2%	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	2.8%	1.7%	4.6%	1.8%	0.5%	0.0%	0.5%	1.3%	100.0%
19	1.9%	75.5%	8.7%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	3.8%	1.2%	0.3%	0.2%	3.1%	0.0%	100.0%
21	1.9%	72.4%	10.8%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.3%	2.0%	5.0%	1.8%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	76.0%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.8%	1.7%	4.5%	1.7%	0.5%	0.1%	0.8%	0.9%	100.0%
95	1.4%	55.3%	17.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.0%	3.0%	6.6%	1.7%	0.4%	0.2%	2.0%	3.7%	100.0%
96	1.7%	66.2%	11.9%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.8%	2.3%	4.8%	1.2%	0.3%	0.1%	1.9%	3.7%	100.0%
111	1.3%	50.8%	20.7%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	5.1%	3.0%	6.9%	1.8%	0.5%	0.1%	1.0%	5.1%	100.0%
112	1.5%	57.1%	16.8%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.3%	2.5%	5.9%	1.7%	0.4%	0.1%	1.3%	6.1%	100.0%
113	1.6%	63.1%	14.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	5.6%	1.7%	0.5%	0.1%	0.8%	3.7%	100.0%
114	1.2%	47.9%	18.8%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	3.2%	2.8%	100.0%
115	1.6%	62.8%	12.8%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	5.8%	2.2%	0.6%	0.2%	2.4%	3.4%	100.0%
133	1.3%	49.6%	18.4%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.5%	3.8%	9.4%	2.9%	0.8%	0.1%	1.7%	2.5%	100.0%
134	1.7%	65.1%	12.8%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	3.7%	2.2%	6.1%	2.5%	0.6%	0.1%	1.6%	1.8%	100.0%
135	1.3%	52.3%	17.1%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.2%	6.0%	3.6%	8.9%	2.9%	0.8%	0.1%	1.8%	2.7%	100.0%
136	1.7%	65.1%	12.8%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	3.7%	2.2%	6.1%	2.5%	0.6%	0.1%	1.6%	1.8%	100.0%
389	1.3%	52.0%	19.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.4%	2.6%	3.7%	0.9%	0.2%	0.3%	4.3%	8.0%	100.0%
390	1.1%	42.2%	26.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.8%	4.0%	5.1%	1.5%	0.4%	0.7%	9.0%	0.0%	100.0%
502	2.0%	77.9%	10.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.9%	1.7%	3.9%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	64.3%	14.9%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	2.2%	0.3%	0.1%	0.1%	0.7%	11.1%	100.0%
504	1.7%	67.4%	15.4%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.0%	0.5%	8.2%	100.0%
556	1.7%	64.9%	14.4%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.9%	2.3%	4.9%	1.2%	0.3%	0.1%	1.4%	2.7%	100.0%
611	1.3%	50.3%	18.5%	1.2%	0.8%	0.9%	0.0%	0.4%	0.3%	0.1%	2.7%	1.6%	2.4%	0.5%	0.1%	0.2%	2.9%	15.8%	100.0%
612	1.0%	38.2%	15.6%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	2.3%	1.4%	2.1%	0.4%	0.1%	0.4%	5.6%	30.7%	100.0%
613	1.6%	62.8%	22.4%	1.5%	1.1%	1.1%	0.0%	0.5%	0.4%	0.1%	3.1%	1.8%	2.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
801	1.8%	68.6%	15.6%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.5%	1.5%	4.1%	0.9%	0.2%	0.0%	0.3%	3.1%	100.0%
802	1.7%	67.0%	15.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.5%	1.5%	3.3%	0.7%	0.2%	0.0%	0.4%	6.0%	100.0%
803	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	60.8%	19.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	5.3%	3.1%	6.0%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	62.3%	22.3%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.3%	1.9%	2.2%	0.4%	0.1%	0.2%	2.6%	0.0%	100.0%
809	1.2%	47.1%	32.2%	0.9%	0.6%	0.7%	0.0%	0.3%	0.3%	0.1%	3.7%	2.2%	2.4%	0.4%	0.1%	0.6%	7.2%	0.0%	100.0%
810	1.5%	58.4%	21.0%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.9%	2.9%	7.3%	1.3%	0.4%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.0%	30.3%	0.9%	0.6%	0.7%	0.0%	0.3%	0.2%	0.1%	3.6%	2.1%	5.4%	1.1%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.5%	29.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.8%	2.3%	5.4%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.5%	31.5%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	4.8%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.2%	22.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	4.2%	2.5%	6.5%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.2%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.5%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	2200-2300																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

Link No.	16 - Motorcycles (MC)	01 - Private Cars (PC)	02 - Taxi	11 - Non-franchised Bus<=6.4t	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15t-24t	18 - Non-franchised Bus >24t	9 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	03 - Light Goods Vehicles<=2.5 t	04 - Lt Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles>3.5t	06 - Heavy Goods Vehicles<=15t	07 - Heavy Goods Vehicles 15t-24t	17 - Heavy Goods Vehicles >24t	14 - Franchised Bus (SD)	15 - Franchised Bus (DD)	8 - Public Light Buses	Total
	2300-2400																		
11	1.7%	68.2%	11.6%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.1%	1.8%	4.7%	2.0%	0.5%	0.1%	1.5%	1.6%	100.0%
12	1.6%	61.4%	15.3%	1.3%	0.9%	1.0%	0.0%	0.4%	0.4%	0.1%	3.5%	2.1%	5.4%	1.9%	0.5%	0.3%	3.9%	0.0%	100.0%
13	1.8%	70.3%	10.5%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	2.9%	1.7%	4.4%	2.0%	0.5%	0.1%	0.8%	2.1%	100.0%
14	1.8%	68.9%	15.9%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.1%	0.7%	0.2%	0.0%	0.0%	0.0%	100.0%
15	1.8%	70.0%	11.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.4%	1.7%	0.5%	0.0%	0.6%	1.6%	100.0%
16	1.9%	74.2%	8.3%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	3.3%	2.0%	4.8%	1.6%	0.4%	0.0%	0.6%	1.6%	100.0%
17	1.6%	64.3%	14.1%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.2%	6.4%	3.8%	6.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
18	1.9%	76.2%	7.1%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.4%	1.8%	0.5%	0.1%	0.7%	1.9%	100.0%
19	1.9%	74.5%	8.5%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.7%	1.1%	0.3%	0.3%	4.4%	0.0%	100.0%
21	1.9%	72.6%	10.8%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.2%	1.9%	4.9%	1.7%	0.5%	0.0%	0.0%	0.0%	100.0%
22	1.9%	75.5%	7.8%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.7%	1.6%	4.3%	1.7%	0.4%	0.1%	1.2%	1.4%	100.0%
95	1.4%	54.0%	16.9%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	4.8%	2.8%	6.2%	1.6%	0.4%	0.2%	2.8%	5.3%	100.0%
96	1.7%	64.6%	11.6%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.6%	2.2%	4.5%	1.2%	0.3%	0.2%	2.8%	5.3%	100.0%
111	1.3%	49.6%	20.2%	1.2%	0.9%	0.9%	0.0%	0.4%	0.3%	0.1%	4.8%	2.9%	6.5%	1.7%	0.5%	0.1%	1.4%	7.2%	100.0%
112	1.4%	55.4%	16.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.0%	2.4%	5.5%	1.6%	0.4%	0.1%	1.8%	8.7%	100.0%
113	1.6%	61.9%	14.2%	0.8%	0.5%	0.5%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.3%	1.7%	0.4%	0.1%	1.1%	5.4%	100.0%
114	1.2%	46.8%	18.3%	1.1%	0.8%	0.8%	0.0%	0.4%	0.3%	0.2%	5.9%	3.5%	8.6%	2.7%	0.7%	0.4%	4.6%	4.0%	100.0%
115	1.6%	61.3%	12.5%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	5.5%	2.1%	0.5%	0.3%	3.5%	4.8%	100.0%
133	1.2%	48.8%	18.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.2%	3.7%	9.0%	2.8%	0.7%	0.2%	2.5%	3.7%	100.0%
134	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
135	1.3%	51.5%	16.9%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.2%	5.7%	3.4%	8.5%	2.8%	0.7%	0.2%	2.6%	3.8%	100.0%
136	1.6%	64.3%	12.7%	0.6%	0.4%	0.4%	0.0%	0.2%	0.2%	0.1%	3.6%	2.1%	5.8%	2.4%	0.6%	0.2%	2.3%	2.6%	100.0%
389	1.3%	49.2%	18.6%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.0%	2.4%	3.4%	0.8%	0.2%	0.5%	6.0%	11.1%	100.0%
390	1.0%	40.6%	25.1%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.2%	6.3%	3.7%	4.8%	1.4%	0.4%	1.0%	12.6%	0.0%	100.0%
502	2.0%	78.1%	10.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	2.8%	1.7%	3.8%	0.9%	0.2%	0.0%	0.0%	0.0%	100.0%
503	1.6%	61.1%	14.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.3%	1.4%	2.0%	0.3%	0.1%	0.1%	0.9%	15.5%	100.0%
504	1.7%	64.9%	14.8%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	2.2%	1.3%	1.9%	0.3%	0.1%	0.1%	0.7%	11.5%	100.0%
556	1.6%	63.8%	14.2%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	3.7%	2.2%	4.7%	1.1%	0.3%	0.2%	2.0%	3.8%	100.0%
611	1.2%	46.2%	17.0%	1.2%	0.8%	0.8%	0.0%	0.4%	0.3%	0.1%	2.4%	1.4%	2.1%	0.5%	0.1%	0.3%	3.8%	21.2%	100.0%
612	0.8%	32.6%	13.3%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.0%	1.9%	1.1%	1.7%	0.4%	0.1%	0.5%	7.0%	38.4%	100.0%
613	1.6%	62.8%	22.4%	1.6%	1.2%	1.2%	0.0%	0.5%	0.5%	0.1%	3.0%	1.8%	2.6%	0.6%	0.1%	0.0%	0.0%	0.0%	100.0%
801	1.7%	67.7%	15.3%	0.5%	0.4%	0.4%	0.0%	0.2%	0.1%	0.1%	2.4%	1.4%	3.9%	0.8%	0.2%	0.0%	0.4%	4.5%	100.0%
802	1.7%	65.2%	15.0%	0.4%	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	2.4%	1.4%	3.1%	0.6%	0.2%	0.0%	0.6%	8.5%	100.0%
803	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
804	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
805	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
806	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
807	1.6%	61.0%	19.7%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	5.1%	3.0%	5.8%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
808	1.6%	61.5%	22.0%	1.0%	0.7%	0.8%	0.0%	0.3%	0.3%	0.1%	3.1%	1.9%	2.1%	0.4%	0.1%	0.3%	3.7%	0.0%	100.0%
809	1.2%	45.5%	31.1%	0.9%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	2.3%	0.4%	0.1%	0.8%	10.2%	0.0%	100.0%
810	1.5%	58.7%	21.1%	0.8%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	4.7%	2.8%	7.1%	1.3%	0.3%	0.0%	0.0%	0.0%	100.0%
811	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
812	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
813	1.4%	53.1%	30.4%	1.0%	0.7%	0.7%	0.0%	0.3%	0.3%	0.1%	3.5%	2.1%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
814	1.4%	53.7%	29.8%	0.9%	0.6%	0.6%	0.0%	0.3%	0.2%	0.1%	3.7%	2.2%	5.2%	1.0%	0.3%	0.0%	0.0%	0.0%	100.0%
815	1.3%	52.6%	31.6%	0.7%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	4.7%	0.6%	0.2%	0.0%	0.0%	0.0%	100.0%
816	1.5%	59.4%	22.8%	0.6%	0.5%	0.5%	0.0%	0.2%	0.2%	0.1%	4.1%	2.4%	6.3%	1.2%	0.3%	0.0%	0.0%	0.0%	100.0%
1101	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1102	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
1103	2.2%	84.4%	9.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Year 2029 Traffic Data

24 Hours Speed

Note: Traffic Speed for HGV, PV5, NFB, FB are capped at 70kph, Traffic Speed for PLB is capped at 80kph

Link No.	Speed Limit	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)	Speed (kph)
	km/hr	0000-0100	0100-0200	0200-0300	0300-0400	0400-0500	0500-0600	0600-0700	0700-0800	0800-0900	0900-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	2000-2100	2100-2200	2200-2300	2300-0000
11	100	100	100	100	100	100	100	100	87	65	80	83	85	88	90	88	87	87	84	80	87	100	100	100	100
12	50	48	48	49	49	49	49	47	42	40	41	42	42	42	43	43	42	42	42	41	42	44	45	46	46
13	100	100	100	100	100	100	100	100	99	88	93	95	97	99	100	100	99	98	96	93	99	100	100	100	100
14	50	44	46	47	48	47	47	43	34	31	32	33	33	34	36	35	35	35	35	34	35	38	39	39	41
15	100	100	100	100	100	100	100	100	100	90	95	97	98	100	100	100	100	100	99	96	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	93	97	99	100	100	100	100	100	99	97	95	100	100	100	100	100
17	50	47	48	49	49	49	49	48	43	41	42	43	43	43	42	42	42	41	40	40	41	44	45	45	46
18	100	100	100	100	100	100	100	100	98	87	92	95	96	98	98	97	97	96	94	91	97	100	100	100	100
19	50	44	46	47	48	48	48	44	36	34	35	36	36	37	36	36	36	36	36	35	37	39	39	40	41
21	50	46	47	48	49	49	49	47	40	38	39	40	40	40	39	39	39	39	38	38	39	41	42	43	44
22	100	100	100	100	100	100	100	100	84	54	77	80	82	85	84	82	82	82	78	69	82	96	99	100	100
95	50	46	47	48	48	49	48	46	39	38	39	39	39	40	39	39	39	39	38	37	39	41	42	43	44
96	50	45	46	47	48	48	48	45	37	35	36	36	37	37	37	37	36	36	36	35	37	39	40	40	42
111	50	46	47	48	48	48	48	45	38	36	37	38	38	38	39	38	38	38	37	36	38	40	42	42	44
112	50	47	48	48	49	49	48	46	40	39	39	39	40	40	41	40	40	40	39	39	40	43	43	44	45
113	50	45	46	47	48	48	48	45	37	35	36	36	37	38	37	37	36	36	36	35	36	39	40	41	42
114	50	48	49	49	49	49	49	47	42	40	41	42	42	43	44	44	43	43	42	41	43	45	46	46	47
115	50	47	48	48	49	49	48	46	40	39	39	40	40	40	40	40	40	40	39	39	40	42	43	44	45
133	50	48	48	49	49	49	49	47	41	39	40	40	41	41	43	43	42	42	41	40	42	44	45	46	47
134	50	47	48	49	49	49	48	46	40	38	39	39	40	40	41	41	41	40	40	39	40	43	44	45	45
135	50	48	49	49	49	49	49	47	41	39	40	40	40	41	44	43	43	42	41	41	42	45	46	46	47
136	50	47	48	49	49	49	48	46	40	38	39	39	40	40	41	41	41	40	40	39	40	43	44	45	45
389	50	48	49	49	49	49	49	48	44	43	44	44	44	45	45	44	44	44	44	44	45	46	46	47	47
390	50	49	49	50	50	50	50	49	47	47	47	47	47	48	48	47	47	47	47	47	47	48	48	48	49
502	50	29	29	30	30	30	30	29	27	26	26	27	27	27	27	27	28	27	27	27	28	28	28	28	29
503	50	48	49	49	49	49	49	48	45	43	44	45	45	45	45	45	45	45	45	45	46	47	47	47	47
504	50	48	48	49	49	49	49	48	42	41	42	43	43	43	43	42	43	43	43	42	44	46	46	46	47
556	50	45	47	48	48	48	48	45	37	35	36	37	37	38	38	37	37	37	36	36	37	39	40	41	42
611	50	30	30	33	35	35	34	30	27	27	27	27	28	28	28	27	27	27	27	27	28	28	29	29	29
612	50	32	34	36	37	37	36	31	29	28	29	29	29	29	29	29	29	29	29	29	29	30	30	30	30
613	50	34	36	37	38	38	38	35	30	29	29	29	30	30	29	29	29	29	29	29	29	30	30	30	31
801	50	32	34	36	37	37	36	32	29	28	29	29	29	29	29	29	29	29	29	28	29	29	29	30	30
802	50	30	31	33	35	35	34	30	27	27	27	27	27	28	27	27	27	27	27	27	28	28	28	29	29
803	50	32	35	36	37	37	37	32	29	28	28	29	29	29	29	29	29	29	28	28	29	29	29	30	30
804	50	28	29	29	29	29	29	28	25	24	25	25	25	25	25	25	25	25	25	25	25	25	26	26	27
805	50	28	29	29	29	29	29	28	25	24	25	25	25	25	25	25	25	25	25	25	25	25	26	26	27
806	50	29	29	30	30	30	30	29	27	26	27	27	27	27	27	27	27	27	27	26	27	28	28	28	29
807	50	29	29	30	30	30	30	29	27	26	27	27	27	27	27	27	27	27	27	26	27	28	28	28	29
808	50	29	30	30	32	32	31	29	25	24	25	25	26	26	25	25	25	25	25	25	26	27	27	27	28
809	50	30	32	34	35	35	34	30	27	27	27	27	28	28	28	28	28	28	28	27	28	29	29	29	29
810	50	32	34	36	37	37	36	32	29	28	28	28	29	29	29	29	29	28	28	28	28	29	29	30	30
811	50	29	29	29	30	30	29	29	26	25	25	26	26	26	26	26	26	26	26	26	26	27	27	28	28
812	50	29	30	30	30	30	30	29	28	27	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29
813	50	29	29	29	30	30	29	29	26	25	25	26	26	26	26	26	26	26	26	26	26	27	27	28	28
814	50	37	38	38	39	39	38	36	30	30	30	30	30	30	30	30	30	30	30	30	30	32	33	34	35
815	50	37	38	39	39	38	38	36	30	29	30	30	30	30	32	31	31	31	31	30	31	34	34	35	36
816	50	37	38	38	39	38	38	35	30	29	29	29	29	30	31	31	30	30	30	30	30	33	34	34	35
1101	50	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	30
1102	50	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	30	30	30	30
1103	50	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29	30	29	30	30

Appendix 3.2
EMFAC-HK Model Assumption

Appendix 3.2 EMFAC-HK Model Assumptions

Estimation of Vehicular Emission for the Study Area with EMFAC-HK model

EMFAC-HK v4.3 model was adopted to estimate the vehicular emission rates of NO_X, NO_2, RSP and FSP. The input parameters and model assumptions made in EMFAC-HK model are summarized as follows.

Model Year

EMFAC-HK considers 45 years of model years for the estimation of vehicular emission. The model years start from 45 years preceding the year of interest to the year of interest as the final model year. The following table summarizes the starting and final model years of the assessment year implemented in EMFAC-HK.

Table 1 Starting and Final Model Years in EMFAC-HK

Scenario Year	Starting Model Year	Final Model Year
2028	1984	2028
2036	1992	2036
2044	2000	2044

Vehicle Technology fraction

Exhaust technology fraction and evaporative technology fraction in the model are based on the default value.

The "2018 Licensed Vehicle by Age and Technology Group Fractions" provided in EPD's website, was adopted in this assessment. Since the provided exhaust technology fractions are only up to Year 2018 at the time of the assessment, those after Year 2018 are projected in accordance with EPD's *Guideline on Modelling Vehicle Emissions* – Appendix 3 "Implementation Schedule of Vehicle Emission Standards in Hong Kong (updated as at May 2020)" and Appendix 4 "EMFAC-HK Technology Group Indexes (Released in January 2021)".

Vehicle Population

As recommended in the EPD's *Guideline on Modelling Vehicle Emissions*, default vehicle populations forecast in EMFAC-HK was used.

Vehicle Accrual

The default accrual rates in EMFAC-HK are estimated from the local mileage data adjusted to reflect the total VKT for each vehicle class. The default value was used.

Travelling Speed

Based on the available speed information provided by traffic consultant, emission factors of each vehicle class were adopted according to the travelling speed of each road link at each hour. All the vehicle classes on the same road link were assumed to have the same travelling speed, except medium goods vehicles, heavy goods vehicles, buses and public light buses, which have speed limit.

In accordance with the Road Traffic Ordinance, for any road with design speed limit of 70 kph or above, the speed limit for medium goods vehicles, heavy goods vehicles and buses would be limited to not more than 70 kph. Thus, for medium goods vehicles, heavy goods vehicles and buses, the flow speed or 70 kph, whichever is lower, have been adopted. For the public light buses, the speed limit should be limited to speed limit of the carriageway or 80 kph, whichever is lower, were adopted.

Temperature and Humidity Profile

For the estimation of short-term and long-term air quality impact of NO_2, RSP and FSP except long-term air quality impact of NO_2, the lowest temperature and relative humidity (i.e., 2 degree Celsius and 16%) in Year 2021 from Sheung Shui automatic weather station which provided by Hong Kong Observatory was adopted for the model input. While for the estimation of long-term air quality impact of NO_2 (i.e., annual average NO_2), the daily profile of averaged temperature and relative humidity data in each hour for each month (i.e., 24 hours data in each month and for 12 months) provided by HKO at Sheung Shui Weather Station for Year 2021 was adopted.

Vehicle Kilometres Travel (VKT)

The “vehicle fleet” refers to all motor vehicles operating on roads within this assessment area. The modelled fleet was broken down into 18 vehicle classes based on the information in the Transport Monthly Digest and vehicle population provided by EPD.

Vehicle-kilometre-travelled (VKT) represents the total distance travelled on a weekday. The VKT is calculated by multiplying the number of vehicles, which based on the highest predicted hourly traffic flow, and the length of road travelled in the assessment area. The diurnal variation of VKT in the assessment area was provided by the traffic consultant.

Trips

Start emissions of all the concerned vehicle classes in the assessment were simulated by two approaches, namely the broad-brush approach and the precise approach, which would be detailed later in this appendix. Choi Yuen Estate Bus Terminus (~235m) and Jumbo Plaza HGV Car Park (~285m) are identified within the study area. Start emissions from franchised buses and HGV were localized at Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park and assessed using a precise approach. Both the broad-brush approach (for all vehicle classes) and the precise approach (for FBDD and HGV only) have been adopted to be more conservative.

Diurnal variation of daily trips was used to estimate the start emissions of petrol, LPG vehicles and diesel vehicles fitted with selective catalytic reduction (SCR) devices. Zero trip was assumed for roads without cold start as no cold start would be anticipated on these roads.

Broad-brush Approach

Start emissions of vehicles were assigned on local and rural roads with post speed of 50 km/hr with the number of trips for each vehicle class assumed directly proportional to VKT (Trips per VKT) and is estimated by the following formula:

$$
\begin{aligned}
&Trip\ for\ local\ and\ rural\ roads\ within\ the\ study\ area \\
&= VKT\ for\ local\ and\ rural\ roads\ within\ the\ study\ area \\
&\times \frac{Trip\ for\ local\ and\ rural\ roads\ within\ Hong\ Kong}{VKT\ for\ all\ roads\ within\ Hong\ Kong\ \times\ Proportion\ of\ local\ and\ rural\ roads}
\end{aligned}
$$

Trips within Hong Kong and VKT within Hong Kong were obtained from the default values from EMFAC-HK. The proportion was calculated from the Annual Traffic Census prepared by Transport Department and is presented in **Annex A**. VKT within the study area was calculated by multiplying the number of vehicles by the distance travelled within the study area. The trips per VKT is also presented in **Annex B**.

The highest NO_x (and the corresponding NO and NO_2), RSP and FSP start emission factor for each vehicle class among different soak time were adopted as a conservative approach.

Precise Approach

For Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park, the number of trips for FBDD and HGV was obtained by on-site survey and information from the operators. Calculations of emissions associated with these termini and parking sites were reference to the *Calculation of Start Emission in Air Quality Impact Assessment* (**Appendix 3.6**) published by EPD.

Estimation of Composite Vehicular Emission Factor

Referring to the EPD's *Guideline on Modelling Vehicle Emissions*, "Emfac mode" was used for calculating emission factors in terms of grams of pollutants emitted per vehicle activity. It was applied for this Project, since it provides the emission factors according to the actual hourly travelling speeds of vehicles of each road.

Assuming that NO_X is comprised of NO and NO_2 only, the hourly emission of NO was calculated as the difference in emissions between NO_x and NO_2 extracted from EMFAC-HK for each vehicle type.

Both running exhaust and starting emissions were considered for road with post speed of 50km/hr. The 24-hour traffic flows and composite emission factors for each road adopted in the subsequent air dispersion modelling are presented in **Appendix 3.3**.

Vehicular Emission Burden by EMFAC-HK (for Determination of Assessment Year)

Vehicular emission burdens (NOx, RSP and FSP) for the Years of 2028, 2036 and 2044 were calculated based on the traffic forecast and composite emission factors. The results are summarized as below:

Table 2 Vehicular Emission Burden of Open Road Source

Year	NOx (g/day)	RSP (g/day)	FSP (g/day)
2028	**136924**	**3807**	**3499**
2036	64390	1906	1757
2044	67152	1982	1826

According to the results, Year 2028 was selected for the air quality assessment.

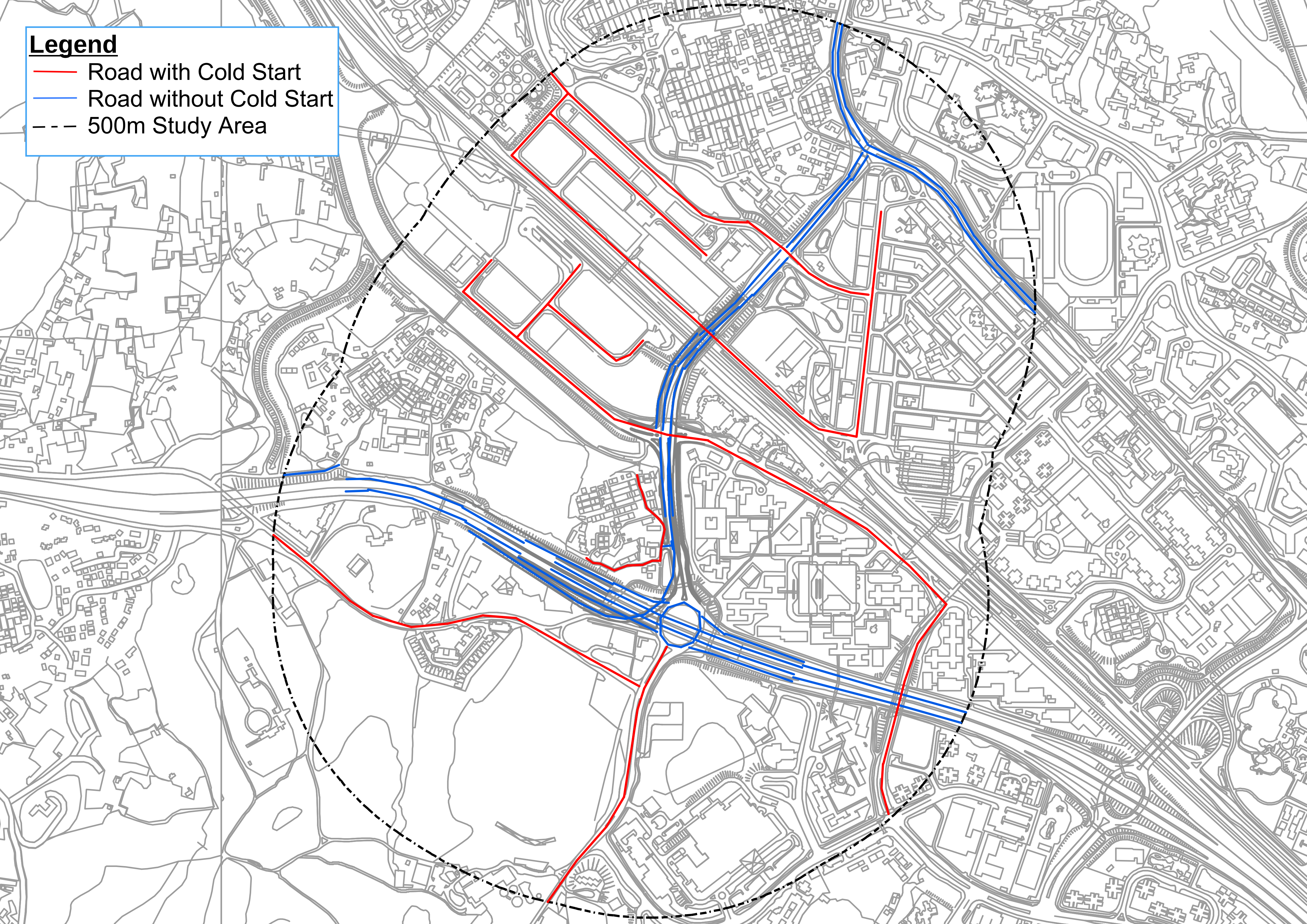
Annex A

Proportion of Local and Rural Roads within Hong Kong

Region	Average Daily Vehicle-Kilometre in Year 2020		
	Major Roads	**Minor Roads**	**Total**
HK Island	4691050	1032862	5723912
Kowloon	7744913	990825	8735737
New Territories	19379692	2670039	22049731
Total	**31815655**	**4693726**	**36509380**
Percentage	**87.1%**	**12.9%**	**100%**

Annex B

Year 2029	No. of Trips within HK			VKT within HK			VKT for Local and Rural Roads within HK			Trips per VKT
	Petrol	Diesel	LPG	Petrol	Diesel	LPG	Petrol	Diesel	LPG	
01 - Private Cars (PC)	1037042	17169	0	19912582	321950	0	2568723	41532	0	0.40387
02 - Taxi	7	0	73202	763	0	7865438	98	0	1014642	0.07215
03 - Light Goods Vehicles<=2.5t	81	2318	0	1340	39885	0	173	5145	0	0.45127
04 - Lt Goods Vehicles 2.5-3.5t	5811	223984	0	94536	3804086	0	12195	490727	0	0.45692
05 - Light Goods Vehicles>3.5t	0	82517	0	0	2010846	0	0	259399	0	0.31811
06 - Medium Goods Vehicles<=15t	0	53089	0	0	1137952	0	0	146796	0	0.36165
07 - Medium Goods Vehicles15-24t	0	104366	0	0	2243421	0	0	289401	0	0.36063
08 - Public Light Buses	0	12567	4726	0	757494	284788	0	97717	36738	0.12862
09 - Private Light Bus <=3.5t	235	1201	0	4793	40041	0	618	5165	0	0.24836
10 - Private Light Bus >3.5t	11	9842	1359	211	280200	25201	27	36146	3251	0.28442
11 - Non-franchised Bus<=6.4t	0	10186	0	0	313337	0	0	40420	0	0.25200
12 - Non-franchised Bus 6.4-15t	0	7067	0	0	212191	0	0	27373	0	0.25816
13 - Non-franchised Bus 15-24t	0	15513	0	0	464657	0	0	59941	0	0.25880
14 - Franchised Bus (SD)	0	2934	0	0	49209	0	0	6348	0	0.46215
15 - Franchised Bus (DD)	0	62351	0	0	1276354	0	0	164650	0	0.37869
16 - Motorcycles (MC)	427576	0	0	1184522	0	0	152803	0	0	2.79821
17 - Heavy Goods Vehicles>24t	0	27265	0	0	586082	0	0	75605	0	0.36063
18 - Non-franchised Bus >24t	0	8	0	0	239	0	0	31	0	0.25919
19 - <Placeholder (P3)>	0	0	0	0	0	0	0	0	0	0.00000
20 - <Placeholder (P4)>	0	0	0	0	0	0	0	0	0	0.00000
21 - <Placeholder (P5)>	0	0	0	0	0	0	0	0	0	0.00000


Legend
Road with Cold Start
Road without Cold Start
500m Study Area

Appendix 3.3

Hourly Composite Vehicular Emission Factor

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Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1348	0.359	943	0.359	674	0.359	490	0.462	498	0.494	606	0.494	1422	0.494	4020	0.490	5016	0.524	4282	0.585	4113	0.561	3987	0.544	3883	0.494	4037	0.334	4171	0.357	4009	0.460	3938	0.479	4015	0.549	4357	0.530	3796	0.509	2869	0.459	2824	0.336	2508	0.359	2104	0.359
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1348	0.359	943	0.359	674	0.359	490	0.462	498	0.494	606	0.494	1422	0.494	4020	0.490	5016	0.524	4282	0.585	4113	0.561	3987	0.544	3883	0.494	4037	0.334	4171	0.357	4009	0.460	3938	0.479	4015	0.549	4357	0.530	3796	0.509	2869	0.459	2824	0.336	2508	0.359	2104	0.359
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1348	0.359	943	0.359	674	0.359	490	0.462	498	0.494	606	0.494	1422	0.494	4020	0.490	5016	0.524	4282	0.585	4113	0.561	3987	0.544	3883	0.494	4037	0.334	4171	0.357	4009	0.460	3938	0.479	4015	0.549	4357	0.530	3796	0.509	2869	0.459	2824	0.336	2508	0.359	2104	0.359
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1348	0.359	943	0.359	674	0.359	490	0.462	498	0.494	606	0.494	1422	0.494	4020	0.490	5016	0.524	4282	0.585	4113	0.561	3987	0.544	3883	0.494	4037	0.334	4171	0.357	4009	0.460	3938	0.479	4015	0.549	4357	0.530	3796	0.509	2869	0.459	2824	0.336	2508	0.359	2104	0.359
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	313	0.583	219	0.583	157	0.574	116	0.707	127	0.629	155	0.629	363	0.648	1025	0.702	1262	0.728	1059	0.801	1025	0.763	992	0.728	977	0.674	935	0.570	969	0.632	949	0.792	933	0.788	958	0.885	1039	0.874	902	0.815	676	0.725	654	0.552	583	0.601	489	0.601
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	313	0.583	219	0.583	157	0.574	116	0.707	127	0.629	155	0.629	363	0.648	1025	0.702	1262	0.728	1059	0.801	1025	0.763	992	0.728	977	0.674	935	0.570	969	0.632	949	0.792	933	0.788	958	0.885	1039	0.874	902	0.815	676	0.725	654	0.552	583	0.601	489	0.601
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	313	0.583	219	0.583	157	0.574	116	0.707	127	0.629	155	0.629	363	0.648	1025	0.702	1262	0.728	1059	0.801	1025	0.763	992	0.728	977	0.674	935	0.570	969	0.632	949	0.792	933	0.788	958	0.885	1039	0.874	902	0.815	676	0.725	654	0.552	583	0.601	489	0.601
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	313	0.583	219	0.583	157	0.574	116	0.707	127	0.629	155	0.629	363	0.648	1025	0.702	1262	0.728	1059	0.801	1025	0.763	992	0.728	977	0.674	935	0.570	969	0.632	949	0.792	933	0.788	958	0.885	1039	0.874	902	0.815	676	0.725	654	0.552	583	0.601	489	0.601
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1035	0.314	724	0.314	517	0.314	374	0.412	371	0.474	452	0.474	1059	0.474	2995	0.473	3754	0.502	3224	0.575	3088	0.552	2995	0.541	2906	0.489	3102	0.300	3201	0.314	3060	0.412	3005	0.440	3057	0.507	3318	0.486	2894	0.475	2192	0.422	2170	0.300	1925	0.314	1615	0.314
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1035	0.314	724	0.314	517	0.314	374	0.412	371	0.474	452	0.474	1059	0.474	2995	0.473	3754	0.502	3224	0.575	3088	0.552	2995	0.541	2906	0.489	3102	0.300	3201	0.314	3060	0.412	3005	0.440	3057	0.507	3318	0.486	2894	0.475	2192	0.422	2170	0.300	1925	0.314	1615	0.314
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1035	0.314	724	0.314	517	0.314	374	0.412	371	0.474	452	0.474	1059	0.474	2995	0.473	3754	0.502	3224	0.575	3088	0.552	2995	0.541	2906	0.489	3102	0.300	3201	0.314	3060	0.412	3005	0.440	3057	0.507	3318	0.486	2894	0.475	2192	0.422	2170	0.300	1925	0.314	1615	0.314
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1035	0.314	724	0.314	517	0.314	374	0.412	371	0.474	452	0.474	1059	0.474	2995	0.473	3754	0.502	3224	0.575	3088	0.552	2995	0.541	2906	0.489	3102	0.300	3201	0.314	3060	0.412	3005	0.440	3057	0.507	3318	0.486	2894	0.475	2192	0.422	2170	0.300	1925	0.314	1615	0.314
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	288	0.330	201	0.320	144	0.316	103	0.406	113	0.483	138	0.483	324	0.514	915	0.604	1152	0.717	980	0.802	943	0.753	919	0.750	894	0.652	871	0.380	890	0.384	839	0.504	831	0.559	842	0.642	913	0.629	802	0.612	610	0.511	609	0.360	535	0.357	449	0.346
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	288	0.330	201	0.320	144	0.316	103	0.406	113	0.483	138	0.483	324	0.514	915	0.604	1152	0.717	980	0.802	943	0.753	919	0.750	894	0.652	871	0.380	890	0.384	839	0.504	831	0.559	842	0.642	913	0.629	802	0.612	610	0.511	609	0.360	535	0.357	449	0.346
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1322	0.302	926	0.302	661	0.302	477	0.395	484	0.455	590	0.455	1383	0.455	3910	0.455	4906	0.486	4204	0.557	4030	0.535	3914	0.525	3800	0.474	3973	0.291	4091	0.302	3899	0.395	3836	0.425	3899	0.488	4231	0.469	3696	0.459	2802	0.408	2779	0.291	2461	0.302	2064	0.302
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1322	0.302	926	0.302	661	0.302	477	0.395	484	0.455	590	0.455	1383	0.455	3910	0.455	4906	0.486	4204	0.557	4030	0.535	3914	0.525	3800	0.474	3973	0.291	4091	0.302	3899	0.395	3836	0.425	3899	0.488	4231	0.469	3696	0.459	2802	0.408	2779	0.291	2461	0.302	2064	0.302
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1385	0.270	970	0.270	693	0.270	495	0.359	455	0.435	553	0.435	1298	0.435	3670	0.435	4593	0.472	3924	0.548	3767	0.523	3657	0.514	3558	0.457	4169	0.261	4287	0.270	4053	0.359	4013	0.396	4104	0.465	4428	0.441	3882	0.434	2943	0.381	2916	0.261	2578	0.270	2163	0.270
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1385	0.270	970	0.270	693	0.270	495	0.359	455	0.435	553	0.435	1298	0.435	3670	0.435	4593	0.472	3924	0.548	3767	0.523	3657	0.514	3558	0.457	4169	0.261	4287	0.270	4053	0.359	4013	0.396	4104	0.465	4428	0.441	3882	0.434	2943	0.381	2916	0.261	2578	0.270	2163	0.270
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	236	0.385	165	0.380	118	0.375	88	0.494	71	0.524	86	0.524	201	0.531	569	0.573	723	0.658	623	0.737	597	0.697	582	0.694	559	0.619	715	0.420	729	0.415	718	0.549	732	0.626	771	0.730	823	0.699	725	0.685	535	0.580	500	0.401	439	0.396	368	0.391
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	236	0.385	165	0.380	118	0.375	88	0.494	71	0.524	86	0.524	201	0.531	569	0.573	723	0.658	623	0.737	597	0.697	582	0.694	559	0.619	715	0.420	729	0.415	718	0.549	732	0.626	771	0.730	823	0.699	725	0.685	535	0.580	500	0.401	439	0.396	368	0.391
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1150	0.261	805	0.261	575	0.261	408	0.349	384	0.434	468	0.434	1097	0.434	3101	0.434	3870	0.469	3300	0.547	3170	0.521	3075	0.511	2999	0.454	3453	0.249	3557	0.261	3335	0.348	3281	0.381	3333	0.451	3605	0.428	3157	0.419	2408	0.367	2415	0.250	2140	0.261	1795	0.261
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	260	0.500	182	0.483	130	0.476	92	0.578	85	0.744	103	0.744	241	0.793	683	0.921	845	0.939	722	1.044	693	0.985	669	0.924	653	0.840	777	0.498	806	0.581	750	0.718	726	0.694	730	0.806	793	0.788	691	0.699	532	0.616	543	0.469	485	0.536	407	0.527
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	260	0.500	182	0.483	130	0.476	92	0.578	85	0.744	103	0.744	241	0.793	683	0.921	845	0.939	722	1.044	693	0.985	669	0.924	653	0.840	777	0.498	806	0.581	750	0.718	726	0.694	730	0.806	793	0.788	691	0.699	532	0.616	543	0.469	485	0.536	407	0.527
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	177	0.324	124	0.319	88	0.315	64	0.424	53	0.508	64	0.508	150	0.523	425	0.585	534	0.673	454	0.755	438	0.713	426	0.709	413	0.629	535	0.366	547	0.363	520	0.497	516	0.559	525	0.662	569	0.634	499	0.617	378	0.520	374	0.348	329	0.339	276	0.334
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1587	0.286	1111	0.286	793	0.286	563	0.375	521	0.469	635	0.469	1488	0.469	4209	0.467	5249	0.548	4476	0.575	4300	0.549	4170	0.532	4065	0.476	4765	0.267	4910	0.286	4605	0.375	4523	0.401	4587	0.473	4967	0.454	4347	0.434	3318	0.382	3333	0.267	2953	0.286	2477	0.286
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1587	0.286	1111	0.286	793	0.286	563	0.375	521	0.469	635	0.469	1488	0.469	4209	0.467	5249	0.548	4476	0.575	4300	0.549	4170	0.532	4065	0.476	4765	0.267	4910	0.286	4605	0.375	4523	0.401	4587	0.473	4967	0.454	4347	0.434	3318	0.382	3333	0.267	2953	0.286	2477	0.286
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1587	0.286	1111	0.286	793	0.286	563	0.375	521	0.469	635	0.469	1488	0.469	4209	0.467	5249	0.548	4476	0.575	4300	0.549	4170	0.532	4065	0.476	4765	0.267	4910	0.286	4605	0.375	4523	0.401	4587	0.473	4967	0.454	4347	0.434	3318	0.382	3333	0.267	2953	0.286	2477	0.286
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	489	0.618	342	0.609	245	0.600	185	0.727	180	0.643	219	0.652	513	0.672	1449	0.754	1764	0.773	1490	0.846	1441	0.820	1381	0.786	1359	0.716	1442	0.641	1513	0.695	1510	0.843	1487	0.854	1560	0.967	1677	0.958	1447	0.888	1074	0.791	1009	0.608	910	0.648	763	0.638
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	489	0.618	342	0.609	245	0.600	185	0.727	180	0.643	219	0.652	513	0.672	1449	0.754	1764	0.773	1490	0.846	1441	0.820	1381	0.786	1359	0.716	1442	0.641	1513	0.695	1510	0.843	1487	0.854	1560	0.967	1677	0.958	1447	0.888	1074	0.791	1009	0.608	910	0.648	763	0.638
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	475	0.511	333	0.503	238	0.496	172	0.601	154	0.753	187	0.753	438	0.788	1240	0.907	1530	0.946	1330	1.034	1273	1.002	1216	0.941	1173	0.873	1401	0.529	1470	0.588	1411	0.739	1370	0.743	1409	0.845	1522	0.832	1315	0.760	997	0.669	980	0.501	884	0.556	742	0.537
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	475	0.511	333	0.503	238	0.496	172	0.601	154	0.753	187	0.753	438	0.788	1240	0.907	1530	0.946	1330	1.034	1273	1.002	1216	0.941	1173	0.873	1401	0.529	1470	0.588	1411	0.739	1370	0.743	1409	0.845	1522	0.832	1315	0.760	997	0.669	980	0.501	884	0.556	742	0.537
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	361	0.593	253	0.584	181	0.576	137	0.701	142	0.673	173	0.673	405	0.704	1145	0.790	1407	0.848	1204	0.919	1159	0.876	1111	0.856	1082	0.792	1064	0.633	1118	0.676	1123	0.825	1107	0.857	1165	0.967	1252	0.959	1079	0.901	798	0.799	744	0.601	672	0.631	564	0.611
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	361	0.593	253	0.584	181	0.576	137	0.701	142	0.673	173	0.673	405	0.704	1145	0.790	1407	0.848	1204	0.919	1159	0.876	1111	0.856	1082	0.792	1064	0.633	1118	0.676	1123	0.825	1107	0.857	1165	0.967	1252	0.959	1079	0.901	798	0.799	744	0.601	672	0.631	564	0.611
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	361	0.593	253	0.584	181	0.576	137	0.701	142	0.673	173	0.673	405	0.704	1145	0.790	1407	0.848	1204	0.919	1159	0.876	1111	0.856	1082	0.792	1064	0.633	1118	0.676	1123	0.825	1107	0.857	1165	0.967	1252	0.959	1079	0.901	798	0.799	744	0.601	672	0.631	564	0.611
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	361	0.593	253	0.584	181	0.576	137	0.701	142	0.673	173	0.673	405	0.704	1145	0.790	1407	0.848	1204	0.919	1159	0.876	1111	0.856	1082	0.792	1064	0.633	1118	0.676	1123	0.825	1107	0.857	1165	0.967	1252	0.959	1079	0.901	798	0.799	744	0.601	672	0.631	564	0.611
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	361	0.593	253	0.584	181	0.576	137	0.701	142	0.673	173	0.673	405	0.704	1145	0.790	1407	0.848	1204	0.919	1159	0.876	1111	0.856	1082	0.792	1064	0.633	1118	0.676	1123	0.825	1107	0.857	1165	0.967	1252	0.959	1079	0.901	798	0.799	744	0.601	672	0.631	564	0.611
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	287	0.541	201	0.533	144	0.533	106	0.640	97	0.777	118	0.788	277	0.812	784	0.894	970	0.937	854	1.029	815	1.002	775	0.960	740	0.892	841	0.554	888	0.603	871	0.737	849	0.760	887	0.869	953	0.840	820	0.800	615	0.697	588	0.536	534	0.565	448	0.557
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	287	0.541	201	0.533	144	0.533	106	0.640	97	0.777	118	0.788	277	0.812	784	0.894	970	0.937	854	1.029	815	1.002	775	0.960	740	0.892	841	0.554	888	0.603	871	0.737	849	0.760	887	0.869	953	0.840	820	0.800	615	0.697	588	0.536	534	0.565	448	0.557
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	287	0.541	201	0.533	144	0.533	106	0.640	97	0.777	118	0.788	277	0.812	784	0.894	970	0.937	854	1.029	815	1.002	775	0.960	740	0.892	841	0.554	888	0.603	871	0.737	849	0.760	887	0.869	953	0.840	820	0.800	615	0.697	588	0.536	534	0.565	448	0.557
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	464	0.470	325	0.463	232	0.456	170	0.567	150	0.692	182	0.692	428	0.724	1209	0.830	1504	0.906	1308	0.989	1253	0.958	1201	0.921	1153	0.827	1375	0.511	1435	0.538	1391	0.694	1365	0.733	1412	0.834	1522	0.819	1319	0.783	993	0.667	962	0.484	863	0.501	724	0.493
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	464	0.470	325	0.463	232	0.456	170	0.567	150	0.692	182	0.692	428	0.724	1209	0.830	1504	0.906	1308	0.989	1253	0.958	1201	0.921	1153	0.827	1375	0.511	1435	0.538	1391	0.694	1365	0.733	1412	0.834	1522	0.819	1319	0.783	993	0.667	962	0.484	863	0.501	724	0.493
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	464	0.470	325	0.463	232	0.456	170	0.567	150	0.692	182	0.692	428	0.724	1209	0.830	1504	0.906	1308	0.989	1253	0.958	1201	0.921	1153	0.827	1375	0.511	1435	0.538	1391	0.694	1365	0.733	1412	0.834	1522	0.819	1319	0.783	993	0.667	962	0.484	863	0.501	724	0.493
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	170	0.769	119	0.757	85	0.757	67	0.893	78	0.795	94	0.795	221	0.819	626	0.888	778	0.922	675	1.004	646	0.958	620	0.919	598	0.843	502	0.749	527	0.818	545	0.982	548	0.981	592	1.096	629	1.087	543	1.009	395	0.917	351	0.726	317	0.793	266	0.780
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	170	0.769	119	0.757	85	0.757	67	0.893	78	0.795	94	0.795	221	0.819	626	0.888	778	0.922	675	1.004	646	0.958	620	0.919	598	0.843	502	0.749	527	0.818	545	0.982	548	0.981	592	1.096	629	1.087	543	1.009	395	0.917	351	0.726	317	0.793	266	0.780
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	291	0.577	204	0.568	146	0.568	107	0.686	101	0.707	123	0.717	289	0.739	818	0.817	1007	0.846	868	0.949	833	0.901	798	0.867	773	0.798	858	0.584	901	0.648	878	0.794	861	0.800	897	0.924	964	0.891	833	0.834	625	0.739	600	0.555	542	0.605	455	0.595
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	291	0.577	204	0.568	146	0.568	107	0.686	101	0.707	123	0.717	289	0.739	818	0.817	1007	0.846	868	0.949	833	0.901	798	0.867	773	0.798	858	0.584	901	0.648	878	0.794	861	0.800	897	0.924	964	0.891	833	0.834	625	0.739	600	0.555	542	0.605	455	0.595
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	187	0.665	131	0.665	94	0.655	73	0.796	91	0.710	110	0.710	259	0.731	731	0.805	913	0.865	787	0.945	755	0.916	728	0.877	702	0.808	557	0.680	580	0.718	599	0.888	609	0.921	659	1.037	699	1.024	607	0.965	440	0.864	390	0.659	349	0.685	292	0.675
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	187	0.665	131	0.665	94	0.655	73	0.796	91	0.710	110	0.710	259	0.731	731	0.805	913	0.865	787	0.945	755	0.916	728	0.877	702	0.808	557	0.680	580	0.718	599	0.888	609	0.921	659	1.037	699	1.024	607	0.965	440	0.864	390	0.659	349	0.685	292	0.675
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	187	0.665	131	0.665	94	0.655	73	0.796	91	0.710	110	0.710	259	0.731	731	0.805	913	0.865	787	0.945	755	0.916	728	0.877	702	0.808	557	0.680	580	0.718	599	0.888	609	0.921	659	1.037	699	1.024	607	0.965	440	0.864	390	0.659	349	0.685	292	0.675
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	187	0.665	131	0.665	94	0.655	73	0.796	91	0.710	110	0.710	259	0.731	731	0.805	913	0.865	787	0.945	755	0.916	728	0.877	702	0.808	557	0.680	580	0.718	599	0.888	609	0.921	659	1.037	699	1.024	607	0.965	440	0.864	390	0.659	349	0.685	292	0.675
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	262	0.502	183	0.495	131	0.488	96	0.615	105	0.653	128	0.662	301	0.682	850	0.754	1057	0.812	906	0.899	870	0.867	840	0.826	815	0.754	781	0.515	810	0.554	785	0.699	779	0.742	810	0.851	870	0.831	757	0.789	568	0.677	546	0.489	487	0.518	409	0.518
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	262	0.502	183	0.495	131	0.488	96	0.615	105	0.653	128	0.662	301	0.682	850	0.754	1057	0.812	906	0.899	870	0.867	840	0.826	815	0.754	781	0.515	810	0.554	785	0.699	779	0.742	810	0.851	870	0.831	757	0.789	568	0.677	546	0.489	487	0.518	409	0.518
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	262	0.502	183	0.495	131	0.488	96	0.615	105	0.653	128	0.662	301	0.682	850	0.754	1057	0.812	906	0.899	870	0.867	840	0.826	815	0.754	781	0.515	810	0.554	785	0.699	779	0.742	810	0.851	870	0.831	757	0.789	568	0.677	546	0.489	487	0.518	409	0.518
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	179	0.642	125	0.633	89	0.633	69	0.772	98	0.668	120	0.668	281	0.688	795	0.757	985	0.813	840	0.891	809	0.863	780	0.840	759	0.759	532	0.643	554	0.694	565	0.848	573	0.894	617	1.013	655	0.981	569	0.939	415	0.825	372	0.623	333	0.662	279	0.652
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	262	0.502	183	0.495	131	0.488	96	0.615	105	0.653	128	0.662	301	0.682	850	0.754	1057	0.812	906	0.899	870	0.867	840	0.826	815	0.754	781	0.515	810	0.554	785	0.699	779	0.742	810	0.851	870	0.831	757	0.789	568	0.677	546	0.489	487	0.518	409	0.518
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	160	0.736	112	0.725	80	0.725	59	0.829	54	0.859	66	0.859	155	0.872	437	0.926	534	0.926	472	0.987	449	0.965	424	0.925	406	0.867	456	0.670	494	0.783	481	0.895	454	0.845	471	0.928	508	0.906	430	0.828	327	0.779	319	0.660	297	0.747	249	0.747
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	68	1.084	48	1.084	34	1.067	26	1.180	25	1.087	30	1.087	71	1.103	202	1.138	249	1.042	218	1.133	208	1.109	198	1.018	191	0.977	197	0.932	210	1.119	212	1.237	207	1.122	220	1.213	235	1.190	201	1.088	149	1.050	138	0.932	126	1.101	106	1.084
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	38	0.334	27	0.334	19	0.327	13	0.441	16	0.600	19	0.600	44	0.614	126	0.645	159	0.768	137	0.912	131	0.838	128	0.838	124	0.729	116	0.355	118	0.351	108	0.463	107	0.550	107	0.659	116	0.619	103	0.603	79	0.521	81	0.347	71	0.342	60	0.334
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	38	0.334	27	0.334	19	0.327	13	0.441	16	0.600	19	0.600	44	0.614	126	0.645	159	0.768	137	0.912	131	0.838	128	0.838	124	0.729	116	0.355	118	0.351	108	0.463	107	0.550	107	0.659	116	0.619	103	0.603	79	0.521	81	0.347	71	0.342	60	0.334
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	222	0.751	156	0.746	111	0.746	78	0.863	79	0.971	96	0.971	225	0.978	636	1.000	749	0.984	634	1.092	611	1.048	575	0.982	576	0.924	637	0.668	688	0.767	637	0.888	591	0.845	596	0.949	648	0.918	550	0.843	430	0.790	446	0.658	414	0.757	347	0.757
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	222	0.751	156	0.746	111	0.746	78	0.863	79	0.971	96	0.971	225	0.978	636	1.000	749	0.984	634	1.092	611	1.048	575	0.982	576	0.924	637	0.668	688	0.767	637	0.888	591	0.845	596	0.949	648	0.918	550	0.843	430	0.790	446	0.658	414	0.757	347	0.757
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.645	209	0.645	149	0.640	104	0.747	105	0.852	128	0.852	299	0.859	846	0.902	1006	0.895	842	0.997	815	0.954	774	0.901	776	0.840	869	0.592	925	0.675	848	0.782	794	0.755	793	0.851	864	0.830	740	0.760	580	0.701	608	0.577	556	0.654	467	0.650
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	665	0.481	466	0.467	333	0.460	242	0.571	231	0.619	281	0.619	659	0.648	1864	0.744	2297	0.794	1957	0.876	1883	0.830	1813	0.801	1772	0.720	1976	0.500	2059	0.552	1976	0.687	1931	0.705	1980	0.816	2141	0.787	1858	0.742	1406	0.650	1382	0.482	1238	0.513	1039	0.505
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	271	1.779	190	1.779	136	1.717	99	1.888	90	2.017	110	2.038	258	2.144	729	2.234	839	2.074	723	2.236	697	2.197	641	1.999	633	1.947	753	1.541	839	1.848	814	2.082	735	1.893	750	2.064	819	2.026	676	1.807	523	1.756	527	1.520	505	1.801	423	1.801
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	271	1.779	190	1.779	136	1.717	99	1.888	90	2.017	110	2.038	258	2.144	729	2.234	839	2.074	723	2.236	697	2.197	641	1.999	633	1.947	753	1.541	839	1.848	814	2.082	735	1.893	750	2.064	819	2.026	676	1.807	523	1.756	527	1.520	505	1.801	423	1.801
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	271	1.779	190	1.779	136	1.717	99	1.888	90	2.017	110	2.038	258	2.144	729	2.234	839	2.074	723	2.236	697	2.197	641	1.999	633	1.947	753	1.541	839	1.848	814	2.082	735	1.893	750	2.064	819	2.026	676	1.807	523	1.756	527	1.520	505	1.801	423	1.801
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	271	1.779	190	1.779	136	1.717	99	1.888	90	2.017	110	2.038	258	2.144	729	2.234	839	2.074	723	2.236	697	2.197	641	1.999	633	1.947	753	1.541	839	1.848	814	2.082	735	1.893	750	2.064	819	2.026	676	1.807	523	1.756	527	1.520	505	1.801	423	1.801
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	150	2.595	105	2.545	75	2.500	56	2.658	57	2.481	70	2.504	164	2.634	464	2.701	508	2.498	442	2.636	425	2.594	377	2.370	378	2.349	387	2.290	464	2.684	457	2.883	390	2.611	410	2.795	443	2.750	349	2.490	272	2.449	271	2.264	279	2.653	234	2.653
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	133	0.644	93	0.627	67	0.620	48	0.791	36	1.090	43	1.090	102	1.135	288	1.238	362	1.339	308	1.461	298	1.432	289	1.394	278	1.277	402	0.697	412	0.700	390	0.910	377	0.952	371	1.036	410	1.030	358	1.007	275	0.889	281	0.686	248	0.689	208	0.673
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	372	0.701	260	0.683	186	0.668	131	0.831	117	1.057	143	1.069	335	1.124	947	1.183	1170	1.271	993	1.430	956	1.372	923	1.337	905	1.206	1109	0.697	1151	0.734	1072	0.928	1036	0.979	1040	1.123	1132	1.097	985	1.048	759	0.939	775	0.697	693	0.724	581	0.724
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	372	0.701	260	0.683	186	0.668	131	0.831	117	1.057	143	1.069	335	1.124	947	1.183	1170	1.271	993	1.430	956	1.372	923	1.337	905	1.206	1109	0.697	1151	0.734	1072	0.928	1036	0.979	1040	1.123	1132	1.097	985	1.048	759	0.939	775	0.697	693	0.724	581	0.724
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	372	0.701	260	0.683	186	0.668	131	0.831	117	1.057	143	1.069	335	1.124	947	1.183	1170	1.271	993	1.430	956	1.372	923	1.337	905	1.206	1109	0.697	1151	0.734	1072	0.928	1036	0.979	1040	1.123	1132	1.097	985	1.048	759	0.939	775	0.697	693	0.724	581	0.724
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	601	0.785	420	0.771	300	0.752	211	0.894	195	1.094	238	1.107	557	1.175	1575	1.230	1911	1.264	1622	1.437	1562	1.382	1494	1.332	1474	1.196	1765	0.752	1858	0.819	1727	1.002	1644	1.020	1652	1.162	1797	1.119	1550	1.054	1200	0.960	1234	0.741	1118	0.796	937	0.796
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	164	0.741	115	0.710	82	0.701	60	0.900	56	1.021	69	1.021	161	1.095	455	1.162	580	1.299	502	1.460	480	1.384	468	1.378	448	1.243	498	0.790	508	0.784	493	1.025	496	1.131	513	1.307	553	1.260	485	1.229	362	1.096	348	0.790	306	0.771	256	0.771
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	164	0.741	115	0.710	82	0.701	60	0.900	56	1.021	69	1.021	161	1.095	455	1.162	580	1.299	502	1.460	480	1.384	468	1.378	448	1.243	498	0.790	508	0.784	493	1.025	496	1.131	513	1.307	553	1.260	485	1.229	362	1.096	348	0.790	306	0.771	256	0.771
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	82	0.798	57	0.784	41	0.784	30	1.025	28	1.162	34	1.162	80	1.183	227	1.252	290	1.403	251	1.545	240	1.492	234	1.485	224	1.339	249	0.849	254	0.843	247	1.103	248	1.218	257	1.384	276	1.334	243	1.325	181	1.180	174	0.833	153	0.827	128	0.812
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	82	0.798	57	0.784	41	0.784	30	1.025	28	1.162	34	1.162	80	1.183	227	1.252	290	1.403	251	1.545	240	1.492	234	1.485	224	1.339	249	0.849	254	0.843	247	1.103	248	1.218	257	1.384	276	1.334	243	1.325	181	1.180	174	0.833	153	0.827	128	0.812
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	82	0.798	57	0.784	41	0.784	30	1.025	28	1.162	34	1.162	80	1.183	227	1.252	290	1.403	251	1.545	240	1.492	234	1.485	224	1.339	249	0.849	254	0.843	247	1.103	248	1.218	257	1.384	276	1.334	243	1.325	181	1.180	174	0.833	153	0.827	128	0.812
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	41	0.784	29	0.784	21	0.771	15	1.007	14	1.143	17	1.143	40	1.162	114	1.205	145	1.348	125	1.487	120	1.435	117	1.429	112	1.289	124	0.818	127	0.812	123	1.062	124	1.172	128	1.331	138	1.307	121	1.275	91	1.115	87	0.803	76	0.798	64	0.784
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	41	0.784	29	0.784	21	0.771	15	1.007	14	1.143	17	1.143	40	1.162	114	1.205	145	1.348	125	1.487	120	1.435	117	1.429	112	1.289	124	0.818	127	0.812	123	1.062	124	1.172	128	1.331	138	1.307	121	1.275	91	1.115	87	0.803	76	0.798	64	0.784
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	41	0.784	29	0.784	21	0.771	15	1.007	14	1.143	17	1.143	40	1.162	114	1.205	145	1.348	125	1.487	120	1.435	117	1.429	112	1.289	124	0.818	127	0.812	123	1.062	124	1.172	128	1.331	138	1.307	121	1.275	91	1.115	87	0.803	76	0.798	64	0.784

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	41	0.784	29	0.784	21	0.771	15	1.007	14	1.143	17	1.143	40	1.162	114	1.205	145	1.348	125	1.487	120	1.435	117	1.429	112	1.289	124	0.818	127	0.812	123	1.062	124	1.172	128	1.331	138	1.307	121	1.275	91	1.115	87	0.803	76	0.798	64	0.784
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	452	1.454	316	1.436	226	1.436	160	1.633	162	1.634	197	1.654	462	1.703	1306	1.807	1567	1.655	1273	1.805	1250	1.765	1205	1.553	1213	1.496	1347	1.273	1397	1.538	1306	1.805	1254	1.618	1243	1.805	1365	1.763	1185	1.544	915	1.458	942	1.235	840	1.493	705	1.473
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	452	1.454	316	1.436	226	1.436	160	1.633	162	1.634	197	1.654	462	1.703	1306	1.807	1567	1.655	1273	1.805	1250	1.765	1205	1.553	1213	1.496	1347	1.273	1397	1.538	1306	1.805	1254	1.618	1243	1.805	1365	1.763	1185	1.544	915	1.458	942	1.235	840	1.493	705	1.473
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	452	1.454	316	1.436	226	1.436	160	1.633	162	1.634	197	1.654	462	1.703	1306	1.807	1567	1.655	1273	1.805	1250	1.765	1205	1.553	1213	1.496	1347	1.273	1397	1.538	1306	1.805	1254	1.618	1243	1.805	1365	1.763	1185	1.544	915	1.458	942	1.235	840	1.493	705	1.473
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	452	1.454	316	1.436	226	1.436	160	1.633	162	1.634	197	1.654	462	1.703	1306	1.807	1567	1.655	1273	1.805	1250	1.765	1205	1.553	1213	1.496	1347	1.273	1397	1.538	1306	1.805	1254	1.618	1243	1.805	1365	1.763	1185	1.544	915	1.458	942	1.235	840	1.493	705	1.473
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	452	1.454	316	1.436	226	1.436	160	1.633	162	1.634	197	1.654	462	1.703	1306	1.807	1567	1.655	1273	1.805	1250	1.765	1205	1.553	1213	1.496	1347	1.273	1397	1.538	1306	1.805	1254	1.618	1243	1.805	1365	1.763	1185	1.544	915	1.458	942	1.235	840	1.493	705	1.473
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	237	2.978	166	2.911	118	2.856	85	3.148	102	3.145	124	3.174	291	3.312	822	3.435	964	2.891	789	3.227	773	3.140	733	2.636	742	2.633	690	2.388	732	3.049	695	3.399	658	2.859	664	3.167	725	3.133	620	2.643	477	2.610	483	2.358	440	3.012	369	3.012
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	173	0.809	121	0.787	86	0.766	64	0.986	54	1.206	66	1.221	155	1.292	437	1.371	567	1.530	503	1.708	476	1.650	465	1.617	438	1.469	524	0.863	535	0.856	523	1.119	528	1.262	550	1.435	591	1.381	519	1.374	386	1.204	367	0.863	322	0.842	270	0.842
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	173	0.809	121	0.787	86	0.766	64	0.986	54	1.206	66	1.221	155	1.292	437	1.371	567	1.530	503	1.708	476	1.650	465	1.617	438	1.469	524	0.863	535	0.856	523	1.119	528	1.262	550	1.435	591	1.381	519	1.374	386	1.204	367	0.863	322	0.842	270	0.842
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	173	0.809	121	0.787	86	0.766	64	0.986	54	1.206	66	1.221	155	1.292	437	1.371	567	1.530	503	1.708	476	1.650	465	1.617	438	1.469	524	0.863	535	0.856	523	1.119	528	1.262	550	1.435	591	1.381	519	1.374	386	1.204	367	0.863	322	0.842	270	0.842
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	173	0.809	121	0.787	86	0.766	64	0.986	54	1.206	66	1.221	155	1.292	437	1.371	567	1.530	503	1.708	476	1.650	465	1.617	438	1.469	524	0.863	535	0.856	523	1.119	528	1.262	550	1.435	591	1.381	519	1.374	386	1.204	367	0.863	322	0.842	270	0.842
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	173	0.809	121	0.787	86	0.766	64	0.986	54	1.206	66	1.221	155	1.292	437	1.371	567	1.530	503	1.708	476	1.650	465	1.617	438	1.469	524	0.863	535	0.856	523	1.119	528	1.262	550	1.435	591	1.381	519	1.374	386	1.204	367	0.863	322	0.842	270	0.842
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	53	0.848	37	0.848	26	0.848	19	1.056	18	1.349	22	1.372	52	1.372	147	1.449	189	1.600	165	1.765	157	1.679	153	1.674	146	1.537	160	0.898	164	0.894	156	1.133	155	1.230	157	1.378	171	1.336	150	1.325	113	1.169	112	0.881	98	0.862	83	0.862
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	26	0.848	19	0.834	13	0.834	10	1.056	9	1.349	11	1.349	26	1.372	74	1.396	95	1.539	83	1.668	79	1.617	77	1.613	73	1.481	80	0.866	82	0.862	78	1.092	77	1.186	79	1.328	85	1.288	75	1.277	57	1.129	56	0.851	49	0.848	41	0.848
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	53	0.848	37	0.848	26	0.848	19	1.056	18	1.349	22	1.372	52	1.372	147	1.449	189	1.600	165	1.765	157	1.679	153	1.674	146	1.537	160	0.898	164	0.894	156	1.133	155	1.230	157	1.378	171	1.336	150	1.325	113	1.169	112	0.881	98	0.862	83	0.862
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	71	0.738	50	0.729	35	0.729	26	0.908	27	1.111	33	1.124	77	1.154	216	1.274	276	1.378	239	1.523	229	1.477	223	1.472	214	1.348	215	0.825	220	0.821	210	1.038	208	1.129	212	1.267	230	1.227	202	1.218	152	1.051	150	0.783	132	0.768	111	0.758
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	62	0.711	43	0.702	31	0.694	22	0.858	31	0.971	38	0.971	89	0.997	252	1.101	317	1.209	269	1.313	259	1.274	252	1.268	246	1.161	187	0.765	191	0.773	181	0.959	180	1.037	183	1.156	198	1.153	174	1.113	132	0.963	131	0.743	115	0.730	96	0.720
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	62	0.711	43	0.702	31	0.694	22	0.858	31	0.971	38	0.971	89	0.997	252	1.101	317	1.209	269	1.313	259	1.274	252	1.268	246	1.161	187	0.765	191	0.773	181	0.959	180	1.037	183	1.156	198	1.153	174	1.113	132	0.963	131	0.743	115	0.730	96	0.720
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	62	0.711	43	0.702	31	0.694	22	0.858	31	0.971	38	0.971	89	0.997	252	1.101	317	1.209	269	1.313	259	1.274	252	1.268	246	1.161	187	0.765	191	0.773	181	0.959	180	1.037	183	1.156	198	1.153	174	1.113	132	0.963	131	0.743	115	0.730	96	0.720
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	62	0.711	43	0.702	31	0.694	22	0.858	31	0.971	38	0.971	89	0.997	252	1.101	317	1.209	269	1.313	259	1.274	252	1.268	246	1.161	187	0.765	191	0.773	181	0.959	180	1.037	183	1.156	198	1.153	174	1.113	132	0.963	131	0.743	115	0.730	96	0.720
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	66	0.715	46	0.706	33	0.706	24	0.902	40	0.891	49	0.891	115	0.926	324	1.005	401	1.104	333	1.230	323	1.193	315	1.185	311	1.056	200	0.782	204	0.776	196	1.030	197	1.143	203	1.305	219	1.253	192	1.247	144	1.050	140	0.749	123	0.743	103	0.733
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	372	0.701	260	0.683	186	0.668	131	0.831	117	1.057	143	1.069	335	1.124	947	1.183	1170	1.271	993	1.430	956	1.372	923	1.337	905	1.206	1109	0.697	1151	0.734	1072	0.928	1036	0.979	1040	1.123	1132	1.097	985	1.048	759	0.939	775	0.697	693	0.724	581	0.724
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	372	0.701	260	0.683	186	0.668	131	0.831	117	1.057	143	1.069	335	1.124	947	1.183	1170	1.271	993	1.430	956	1.372	923	1.337	905	1.206	1109	0.697	1151	0.734	1072	0.928	1036	0.979	1040	1.123	1132	1.097	985	1.048	759	0.939	775	0.697	693	0.724	581	0.724
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.189	9	0.189	6	0.189	4	0.224	6	0.279	7	0.279	17	0.279	47	0.286	57	0.316	46	0.361	45	0.343	44	0.344	45	0.310	38	0.194	38	0.193	34	0.230	32	0.255	31	0.295	34	0.279	30	0.280	24	0.245	26	0.194	23	0.189	19	0.189
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.279	3	0.279	2	0.279	2	0.318	2	0.376	3	0.376	7	0.376	19	0.383	23	0.416	18	0.465	18	0.446	18	0.447	18	0.410	15	0.285	15	0.283	13	0.324	13	0.352	13	0.395	14	0.378	12	0.379	10	0.341	11	0.281	9	0.279	8	0.279
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.279	5	0.279	4	0.279	2	0.318	4	0.376	4	0.376	10	0.376	28	0.383	34	0.416	28	0.465	27	0.446	26	0.447	27	0.410	23	0.285	23	0.283	20	0.324	19	0.352	19	0.395	21	0.378	18	0.379	14	0.347	16	0.285	14	0.283	12	0.279
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	489	1.323	342	1.314	245	1.305	185	1.534	180	1.350	219	1.359	513	1.379	1449	1.462	1764	1.404	1490	1.554	1441	1.508	1381	1.399	1359	1.306	1442	1.219	1513	1.400	1510	1.650	1487	1.577	1560	1.765	1677	1.737	1447	1.588	1074	1.471	1009	1.187	910	1.354	763	1.343

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1348	0.063	943	0.063	674	0.063	490	0.095	498	0.098	606	0.098	1422	0.098	4020	0.098	5016	0.116	4282	0.139	4113	0.131	3987	0.130	3883	0.110	4037	0.063	4171	0.063	4009	0.095	3938	0.109	4015	0.131	4357	0.124	3796	0.123	2869	0.104	2824	0.063	2508	0.063	2104	0.063
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1348	0.063	943	0.063	674	0.063	490	0.095	498	0.098	606	0.098	1422	0.098	4020	0.098	5016	0.116	4282	0.139	4113	0.131	3987	0.130	3883	0.110	4037	0.063	4171	0.063	4009	0.095	3938	0.109	4015	0.131	4357	0.124	3796	0.123	2869	0.104	2824	0.063	2508	0.063	2104	0.063
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1348	0.063	943	0.063	674	0.063	490	0.095	498	0.098	606	0.098	1422	0.098	4020	0.098	5016	0.116	4282	0.139	4113	0.131	3987	0.130	3883	0.110	4037	0.063	4171	0.063	4009	0.095	3938	0.109	4015	0.131	4357	0.124	3796	0.123	2869	0.104	2824	0.063	2508	0.063	2104	0.063
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1348	0.063	943	0.063	674	0.063	490	0.095	498	0.098	606	0.098	1422	0.098	4020	0.098	5016	0.116	4282	0.139	4113	0.131	3987	0.130	3883	0.110	4037	0.063	4171	0.063	4009	0.095	3938	0.109	4015	0.131	4357	0.124	3796	0.123	2869	0.104	2824	0.063	2508	0.063	2104	0.063
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	313	0.090	219	0.090	157	0.089	116	0.131	127	0.104	155	0.104	363	0.107	1025	0.116	1262	0.137	1059	0.162	1025	0.151	992	0.149	977	0.127	935	0.097	969	0.098	949	0.147	933	0.165	958	0.194	1039	0.189	902	0.183	676	0.152	654	0.094	583	0.093	489	0.093
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	313	0.090	219	0.090	157	0.089	116	0.131	127	0.104	155	0.104	363	0.107	1025	0.116	1262	0.137	1059	0.162	1025	0.151	992	0.149	977	0.127	935	0.097	969	0.098	949	0.147	933	0.165	958	0.194	1039	0.189	902	0.183	676	0.152	654	0.094	583	0.093	489	0.093
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	313	0.090	219	0.090	157	0.089	116	0.131	127	0.104	155	0.104	363	0.107	1025	0.116	1262	0.137	1059	0.162	1025	0.151	992	0.149	977	0.127	935	0.097	969	0.098	949	0.147	933	0.165	958	0.194	1039	0.189	902	0.183	676	0.152	654	0.094	583	0.093	489	0.093
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	313	0.090	219	0.090	157	0.089	116	0.131	127	0.104	155	0.104	363	0.107	1025	0.116	1262	0.137	1059	0.162	1025	0.151	992	0.149	977	0.127	935	0.097	969	0.098	949	0.147	933	0.165	958	0.194	1039	0.189	902	0.183	676	0.152	654	0.094	583	0.093	489	0.093
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1035	0.060	724	0.060	517	0.060	374	0.091	371	0.102	452	0.102	1059	0.102	2995	0.102	3754	0.119	3224	0.144	3088	0.136	2995	0.135	2906	0.115	3102	0.059	3201	0.060	3060	0.090	3005	0.104	3057	0.125	3318	0.119	2894	0.118	2192	0.099	2170	0.059	1925	0.060	1615	0.060
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1035	0.060	724	0.060	517	0.060	374	0.091	371	0.102	452	0.102	1059	0.102	2995	0.102	3754	0.119	3224	0.144	3088	0.136	2995	0.135	2906	0.115	3102	0.059	3201	0.060	3060	0.090	3005	0.104	3057	0.125	3318	0.119	2894	0.118	2192	0.099	2170	0.059	1925	0.060	1615	0.060
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1035	0.060	724	0.060	517	0.060	374	0.091	371	0.102	452	0.102	1059	0.102	2995	0.102	3754	0.119	3224	0.144	3088	0.136	2995	0.135	2906	0.115	3102	0.059	3201	0.060	3060	0.090	3005	0.104	3057	0.125	3318	0.119	2894	0.118	2192	0.099	2170	0.059	1925	0.060	1615	0.060
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1035	0.060	724	0.060	517	0.060	374	0.091	371	0.102	452	0.102	1059	0.102	2995	0.102	3754	0.119	3224	0.144	3088	0.136	2995	0.135	2906	0.115	3102	0.059	3201	0.060	3060	0.090	3005	0.104	3057	0.125	3318	0.119	2894	0.118	2192	0.099	2170	0.059	1925	0.060	1615	0.060
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	288	0.062	201	0.060	144	0.060	103	0.091	113	0.114	138	0.114	324	0.122	915	0.143	1152	0.179	980	0.212	943	0.195	919	0.194	894	0.161	871	0.072	890	0.073	839	0.114	831	0.133	842	0.161	913	0.155	802	0.151	610	0.120	609	0.069	535	0.068	449	0.065
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	288	0.062	201	0.060	144	0.060	103	0.091	113	0.114	138	0.114	324	0.122	915	0.143	1152	0.179	980	0.212	943	0.195	919	0.194	894	0.161	871	0.072	890	0.073	839	0.114	831	0.133	842	0.161	913	0.155	802	0.151	610	0.120	609	0.069	535	0.068	449	0.065
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1322	0.057	926	0.057	661	0.057	477	0.087	484	0.100	590	0.100	1383	0.100	3910	0.100	4906	0.117	4204	0.142	4030	0.133	3914	0.133	3800	0.113	3973	0.057	4091	0.057	3899	0.087	3836	0.101	3899	0.122	4231	0.115	3696	0.114	2802	0.096	2779	0.057	2461	0.057	2064	0.057
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1322	0.057	926	0.057	661	0.057	477	0.087	484	0.100	590	0.100	1383	0.100	3910	0.100	4906	0.117	4204	0.142	4030	0.133	3914	0.133	3800	0.113	3973	0.057	4091	0.057	3899	0.087	3836	0.101	3899	0.122	4231	0.115	3696	0.114	2802	0.096	2779	0.057	2461	0.057	2064	0.057
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1385	0.055	970	0.055	693	0.055	495	0.084	455	0.100	553	0.100	1298	0.100	3670	0.100	4593	0.118	3924	0.143	3767	0.135	3657	0.134	3558	0.114	4169	0.055	4287	0.055	4053	0.084	4013	0.100	4104	0.122	4428	0.114	3882	0.114	2943	0.096	2916	0.055	2578	0.055	2163	0.055
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1385	0.055	970	0.055	693	0.055	495	0.084	455	0.100	553	0.100	1298	0.100	3670	0.100	4593	0.118	3924	0.143	3767	0.135	3657	0.134	3558	0.114	4169	0.055	4287	0.055	4053	0.084	4013	0.100	4104	0.122	4428	0.114	3882	0.114	2943	0.096	2916	0.055	2578	0.055	2163	0.055
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	236	0.087	165	0.085	118	0.084	88	0.126	71	0.131	86	0.131	201	0.133	569	0.143	723	0.172	623	0.203	597	0.189	582	0.188	559	0.160	715	0.095	729	0.093	718	0.140	732	0.166	771	0.202	823	0.191	725	0.187	535	0.153	500	0.091	439	0.089	368	0.088
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	236	0.087	165	0.085	118	0.084	88	0.126	71	0.131	86	0.131	201	0.133	569	0.143	723	0.172	623	0.203	597	0.189	582	0.188	559	0.160	715	0.095	729	0.093	718	0.140	732	0.166	771	0.202	823	0.191	725	0.187	535	0.153	500	0.091	439	0.089	368	0.088
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1150	0.051	805	0.051	575	0.051	408	0.079	384	0.098	468	0.098	1097	0.098	3101	0.098	3870	0.116	3300	0.141	3170	0.132	3075	0.132	2999	0.112	3453	0.052	3557	0.051	3335	0.079	3281	0.094	3333	0.116	3605	0.108	3157	0.108	2408	0.090	2415	0.052	2140	0.051	1795	0.051
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	260	0.064	182	0.062	130	0.061	92	0.089	85	0.121	103	0.121	241	0.128	683	0.148	845	0.178	722	0.211	693	0.194	669	0.193	653	0.161	777	0.071	806	0.074	750	0.110	726	0.126	730	0.154	793	0.148	691	0.140	532	0.113	543	0.067	485	0.068	407	0.067
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	260	0.064	182	0.062	130	0.061	92	0.089	85	0.121	103	0.121	241	0.128	683	0.148	845	0.178	722	0.211	693	0.194	669	0.193	653	0.161	777	0.071	806	0.074	750	0.110	726	0.126	730	0.154	793	0.148	691	0.140	532	0.113	543	0.067	485	0.068	407	0.067
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	177	0.071	124	0.070	88	0.069	64	0.105	53	0.124	64	0.124	150	0.127	425	0.143	534	0.172	454	0.202	438	0.188	426	0.187	413	0.159	535	0.081	547	0.079	520	0.124	516	0.145	525	0.179	569	0.169	499	0.164	378	0.133	374	0.076	329	0.074	276	0.073
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1587	0.052	1111	0.052	793	0.052	563	0.079	521	0.099	635	0.099	1488	0.099	4209	0.099	5249	0.129	4476	0.142	4300	0.133	4170	0.132	4065	0.112	4765	0.052	4910	0.052	4605	0.080	4523	0.094	4587	0.116	4967	0.109	4347	0.107	3318	0.090	3333	0.052	2953	0.052	2477	0.052
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1587	0.052	1111	0.052	793	0.052	563	0.079	521	0.099	635	0.099	1488	0.099	4209	0.099	5249	0.129	4476	0.142	4300	0.133	4170	0.132	4065	0.112	4765	0.052	4910	0.052	4605	0.080	4523	0.094	4587	0.116	4967	0.109	4347	0.107	3318	0.090	3333	0.052	2953	0.052	2477	0.052
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1587	0.052	1111	0.052	793	0.052	563	0.079	521	0.099	635	0.099	1488	0.099	4209	0.099	5249	0.129	4476	0.142	4300	0.133	4170	0.132	4065	0.112	4765	0.052	4910	0.052	4605	0.080	4523	0.094	4587	0.116	4967	0.109	4347	0.107	3318	0.090	3333	0.052	2953	0.052	2477	0.052
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	489	0.105	342	0.103	245	0.102	185	0.145	180	0.111	219	0.112	513	0.116	1449	0.130	1764	0.150	1490	0.175	1441	0.167	1381	0.165	1359	0.138	1442	0.116	1513	0.118	1510	0.168	1487	0.188	1560	0.223	1677	0.218	1447	0.209	1074	0.175	1009	0.110	910	0.110	763	0.108
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	489	0.105	342	0.103	245	0.102	185	0.145	180	0.111	219	0.112	513	0.116	1449	0.130	1764	0.150	1490	0.175	1441	0.167	1381	0.165	1359	0.138	1442	0.116	1513	0.118	1510	0.168	1487	0.188	1560	0.223	1677	0.218	1447	0.209	1074	0.175	1009	0.110	910	0.110	763	0.108
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	475	0.080	333	0.079	238	0.077	172	0.111	154	0.144	187	0.144	438	0.151	1240	0.173	1530	0.204	1330	0.234	1273	0.223	1216	0.218	1173	0.189	1401	0.090	1470	0.092	1411	0.136	1370	0.154	1409	0.184	1522	0.178	1315	0.170	997	0.140	980	0.085	884	0.087	742	0.084
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	475	0.080	333	0.079	238	0.077	172	0.111	154	0.144	187	0.144	438	0.151	1240	0.173	1530	0.204	1330	0.234	1273	0.223	1216	0.218	1173	0.189	1401	0.090	1470	0.092	1411	0.136	1370	0.154	1409	0.184	1522	0.178	1315	0.170	997	0.140	980	0.085	884	0.087	742	0.084
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	361	0.109	253	0.107	181	0.105	137	0.150	142	0.126	173	0.126	405	0.132	1145	0.149	1407	0.176	1204	0.204	1159	0.190	1111	0.189	1082	0.163	1064	0.121	1118	0.124	1123	0.177	1107	0.199	1165	0.235	1252	0.230	1079	0.220	798	0.185	744	0.115	672	0.116	564	0.112
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	361	0.109	253	0.107	181	0.105	137	0.150	142	0.126	173	0.126	405	0.132	1145	0.149	1407	0.176	1204	0.204	1159	0.190	1111	0.189	1082	0.163	1064	0.121	1118	0.124	1123	0.177	1107	0.199	1165	0.235	1252	0.230	1079	0.220	798	0.185	744	0.115	672	0.116	564	0.112
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	361	0.109	253	0.107	181	0.105	137	0.150	142	0.126	173	0.126	405	0.132	1145	0.149	1407	0.176	1204	0.204	1159	0.190	1111	0.189	1082	0.163	1064	0.121	1118	0.124	1123	0.177	1107	0.199	1165	0.235	1252	0.230	1079	0.220	798	0.185	744	0.115	672	0.116	564	0.112
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	361	0.109	253	0.107	181	0.105	137	0.150	142	0.126	173	0.126	405	0.132	1145	0.149	1407	0.176	1204	0.204	1159	0.190	1111	0.189	1082	0.163	1064	0.121	1118	0.124	1123	0.177	1107	0.199	1165	0.235	1252	0.230	1079	0.220	798	0.185	744	0.115	672	0.116	564	0.112
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	361	0.109	253	0.107	181	0.105	137	0.150	142	0.126	173	0.126	405	0.132	1145	0.149	1407	0.176	1204	0.204	1159	0.190	1111	0.189	1082	0.163	1064	0.121	1118	0.124	1123	0.177	1107	0.199	1165	0.235	1252	0.230	1079	0.220	798	0.185	744	0.115	672	0.116	564	0.112
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	287	0.093	201	0.092	144	0.092	106	0.129	97	0.161	118	0.164	277	0.169	784	0.186	970	0.214	854	0.248	815	0.237	775	0.233	740	0.204	841	0.101	888	0.104	871	0.148	849	0.169	887	0.203	953	0.193	820	0.188	615	0.155	588	0.098	534	0.097	448	0.096
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	287	0.093	201	0.092	144	0.092	106	0.129	97	0.161	118	0.164	277	0.169	784	0.186	970	0.214	854	0.248	815	0.237	775	0.233	740	0.204	841	0.101	888	0.104	871	0.148	849	0.169	887	0.203	953	0.193	820	0.188	615	0.155	588	0.098	534	0.097	448	0.096
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	287	0.093	201	0.092	144	0.092	106	0.129	97	0.161	118	0.164	277	0.169	784	0.186	970	0.214	854	0.248	815	0.237	775	0.233	740	0.204	841	0.101	888	0.104	871	0.148	849	0.169	887	0.203	953	0.193	820	0.188	615	0.155	588	0.098	534	0.097	448	0.096
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	464	0.087	325	0.085	232	0.084	170	0.122	150	0.150	182	0.150	428	0.157	1209	0.180	1504	0.214	1308	0.246	1253	0.234	1201	0.229	1153	0.195	1375	0.099	1435	0.099	1391	0.149	1365	0.171	1412	0.204	1522	0.197	1319	0.192	993	0.155	962	0.094	863	0.092	724	0.091
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	464	0.087	325	0.085	232	0.084	170	0.122	150	0.150	182	0.150	428	0.157	1209	0.180	1504	0.214	1308	0.246	1253	0.234	1201	0.229	1153	0.195	1375	0.099	1435	0.099	1391	0.149	1365	0.171	1412	0.204	1522	0.197	1319	0.192	993	0.155	962	0.094	863	0.092	724	0.091
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	464	0.087	325	0.085	232	0.084	170	0.122	150	0.150	182	0.150	428	0.157	1209	0.180	1504	0.214	1308	0.246	1253	0.234	1201	0.229	1153	0.195	1375	0.099	1435	0.099	1391	0.149	1365	0.171	1412	0.204	1522	0.197	1319	0.192	993	0.155	962	0.094	863	0.092	724	0.091
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	170	0.130	119	0.128	85	0.128	67	0.177	78	0.143	94	0.143	221	0.147	626	0.159	778	0.188	675	0.217	646	0.203	620	0.202	598	0.172	502	0.138	527	0.138	545	0.194	548	0.218	592	0.255	629	0.248	543	0.240	395	0.205	351	0.134	317	0.134	266	0.132
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	170	0.130	119	0.128	85	0.128	67	0.177	78	0.143	94	0.143	221	0.147	626	0.159	778	0.188	675	0.217	646	0.203	620	0.202	598	0.172	502	0.138	527	0.138	545	0.194	548	0.218	592	0.255	629	0.248	543	0.240	395	0.205	351	0.134	317	0.134	266	0.132
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	291	0.091	204	0.090	146	0.090	107	0.128	101	0.136	123	0.138	289	0.142	818	0.157	1007	0.182	868	0.215	833	0.201	798	0.200	773	0.172	858	0.101	901	0.103	878	0.148	861	0.169	897	0.204	964	0.194	833	0.189	625	0.157	600	0.096	542	0.096	455	0.094
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	291	0.091	204	0.090	146	0.090	107	0.128	101	0.136	123	0.138	289	0.142	818	0.157	1007	0.182	868	0.215	833	0.201	798	0.200	773	0.172	858	0.101	901	0.103	878	0.148	861	0.169	897	0.204	964	0.194	833	0.189	625	0.157	600	0.096	542	0.096	455	0.094
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	187	0.127	131	0.127	94	0.126	73	0.176	91	0.140	110	0.140	259	0.145	731	0.159	913	0.189	787	0.219	755	0.208	728	0.204	702	0.176	557	0.138	580	0.138	599	0.196	609	0.222	659	0.261	699	0.254	607	0.245	440	0.209	390	0.134	349	0.131	292	0.129
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	187	0.127	131	0.127	94	0.126	73	0.176	91	0.140	110	0.140	259	0.145	731	0.159	913	0.189	787	0.219	755	0.208	728	0.204	702	0.176	557	0.138	580	0.138	599	0.196	609	0.222	659	0.261	699	0.254	607	0.245	440	0.209	390	0.134	349	0.131	292	0.129
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	187	0.127	131	0.127	94	0.126	73	0.176	91	0.140	110	0.140	259	0.145	731	0.159	913	0.189	787	0.219	755	0.208	728	0.204	702	0.176	557	0.138	580	0.138	599	0.196	609	0.222	659	0.261	699	0.254	607	0.245	440	0.209	390	0.134	349	0.131	292	0.129
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	187	0.127	131	0.127	94	0.126	73	0.176	91	0.140	110	0.140	259	0.145	731	0.159	913	0.189	787	0.219	755	0.208	728	0.204	702	0.176	557	0.138	580	0.138	599	0.196	609	0.222	659	0.261	699	0.254	607	0.245	440	0.209	390	0.134	349	0.131	292	0.129
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	262	0.088	183	0.086	131	0.085	96	0.125	105	0.128	128	0.130	301	0.134	850	0.149	1057	0.177	906	0.208	870	0.197	840	0.192	815	0.164	781	0.096	810	0.097	785	0.142	779	0.168	810	0.202	870	0.194	757	0.190	568	0.154	546	0.092	487	0.090	409	0.090
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	262	0.088	183	0.086	131	0.085	96	0.125	105	0.128	128	0.130	301	0.134	850	0.149	1057	0.177	906	0.208	870	0.197	840	0.192	815	0.164	781	0.096	810	0.097	785	0.142	779	0.168	810	0.202	870	0.194	757	0.190	568	0.154	546	0.092	487	0.090	409	0.090
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	262	0.088	183	0.086	131	0.085	96	0.125	105	0.128	128	0.130	301	0.134	850	0.149	1057	0.177	906	0.208	870	0.197	840	0.192	815	0.164	781	0.096	810	0.097	785	0.142	779	0.168	810	0.202	870	0.194	757	0.190	568	0.154	546	0.092	487	0.090	409	0.090
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	179	0.121	125	0.119	89	0.119	69	0.168	98	0.127	120	0.127	281	0.130	795	0.144	985	0.171	840	0.200	809	0.190	780	0.189	759	0.158	532	0.129	554	0.130	565	0.184	573	0.213	617	0.252	655	0.240	569	0.236	415	0.197	372	0.125	333	0.124	279	0.122
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	262	0.088	183	0.086	131	0.085	96	0.125	105	0.128	128	0.130	301	0.134	850	0.149	1057	0.177	906	0.208	870	0.197	840	0.192	815	0.164	781	0.096	810	0.097	785	0.142	779	0.168	810	0.202	870	0.194	757	0.190	568	0.154	546	0.092	487	0.090	409	0.090
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	160	0.087	112	0.086	80	0.086	59	0.116	54	0.145	66	0.145	155	0.147	437	0.156	534	0.177	472	0.200	449	0.192	424	0.191	406	0.166	456	0.086	494	0.092	481	0.125	454	0.135	471	0.156	508	0.150	430	0.145	327	0.126	319	0.085	297	0.088	249	0.088
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	68	0.109	48	0.109	34	0.108	26	0.144	25	0.134	30	0.134	71	0.135	202	0.139	249	0.155	218	0.180	208	0.172	198	0.170	191	0.147	197	0.106	210	0.113	212	0.151	207	0.164	220	0.187	235	0.180	201	0.178	149	0.155	138	0.106	126	0.111	106	0.109
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	38	0.067	27	0.067	19	0.065	13	0.104	16	0.159	19	0.159	44	0.163	126	0.171	159	0.212	137	0.262	131	0.238	128	0.238	124	0.200	116	0.072	118	0.070	108	0.109	107	0.137	107	0.173	116	0.160	103	0.156	79	0.128	81	0.070	71	0.069	60	0.067
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	38	0.067	27	0.067	19	0.065	13	0.104	16	0.159	19	0.159	44	0.163	126	0.171	159	0.212	137	0.262	131	0.238	128	0.238	124	0.200	116	0.072	118	0.070	108	0.109	107	0.137	107	0.173	116	0.160	103	0.156	79	0.128	81	0.070	71	0.069	60	0.067
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	222	0.094	156	0.093	111	0.093	78	0.124	79	0.153	96	0.153	225	0.154	636	0.158	749	0.177	634	0.211	611	0.197	575	0.193	576	0.167	637	0.087	688	0.096	637	0.128	591	0.137	596	0.165	648	0.156	550	0.149	430	0.129	446	0.086	414	0.094	347	0.094
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	222	0.094	156	0.093	111	0.093	78	0.124	79	0.153	96	0.153	225	0.154	636	0.158	749	0.177	634	0.211	611	0.197	575	0.193	576	0.167	637	0.087	688	0.096	637	0.128	591	0.137	596	0.165	648	0.156	550	0.149	430	0.129	446	0.086	414	0.094	347	0.094
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.080	209	0.080	149	0.080	104	0.109	105	0.138	128	0.138	299	0.139	846	0.147	1006	0.165	842	0.198	815	0.184	774	0.181	776	0.155	869	0.077	925	0.085	848	0.115	794	0.124	793	0.151	864	0.143	740	0.136	580	0.115	608	0.075	556	0.082	467	0.081
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	665	0.079	466	0.076	333	0.075	242	0.111	231	0.117	281	0.117	659	0.123	1864	0.141	2297	0.168	1957	0.197	1883	0.183	1813	0.182	1772	0.152	1976	0.088	2059	0.090	1976	0.133	1931	0.152	1980	0.185	2141	0.176	1858	0.171	1406	0.140	1382	0.084	1238	0.084	1039	0.083
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	271	0.198	190	0.198	136	0.190	99	0.237	90	0.264	110	0.267	258	0.284	729	0.298	839	0.312	723	0.353	697	0.342	641	0.328	633	0.293	753	0.185	839	0.208	814	0.267	735	0.270	750	0.301	819	0.296	676	0.277	523	0.249	527	0.182	505	0.201	423	0.201
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	271	0.198	190	0.198	136	0.190	99	0.237	90	0.264	110	0.267	258	0.284	729	0.298	839	0.312	723	0.353	697	0.342	641	0.328	633	0.293	753	0.185	839	0.208	814	0.267	735	0.270	750	0.301	819	0.296	676	0.277	523	0.249	527	0.182	505	0.201	423	0.201
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	271	0.198	190	0.198	136	0.190	99	0.237	90	0.264	110	0.267	258	0.284	729	0.298	839	0.312	723	0.353	697	0.342	641	0.328	633	0.293	753	0.185	839	0.208	814	0.267	735	0.270	750	0.301	819	0.296	676	0.277	523	0.249	527	0.182	505	0.201	423	0.201
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	271	0.198	190	0.198	136	0.190	99	0.237	90	0.264	110	0.267	258	0.284	729	0.298	839	0.312	723	0.353	697	0.342	641	0.328	633	0.293	753	0.185	839	0.208	814	0.267	735	0.270	750	0.301	819	0.296	676	0.277	523	0.249	527	0.182	505	0.201	423	0.201
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	150	0.251	105	0.245	75	0.240	56	0.275	57	0.272	70	0.275	164	0.292	464	0.302	508	0.311	442	0.339	425	0.331	377	0.320	378	0.294	387	0.234	464	0.261	457	0.304	390	0.300	410	0.328	443	0.322	349	0.307	272	0.282	271	0.231	279	0.258	234	0.258
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	133	0.112	93	0.109	67	0.107	48	0.167	36	0.235	43	0.235	102	0.245	288	0.267	362	0.305	308	0.355	298	0.341	289	0.331	278	0.285	402	0.122	412	0.122	390	0.193	377	0.209	371	0.239	410	0.236	358	0.229	275	0.190	281	0.120	248	0.120	208	0.117
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	372	0.119	260	0.116	186	0.113	131	0.167	117	0.214	143	0.217	335	0.229	947	0.242	1170	0.286	993	0.341	956	0.321	923	0.319	905	0.270	1109	0.123	1151	0.125	1072	0.189	1036	0.218	1040	0.266	1132	0.255	985	0.247	759	0.208	775	0.123	693	0.123	581	0.123
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	372	0.119	260	0.116	186	0.113	131	0.167	117	0.214	143	0.217	335	0.229	947	0.242	1170	0.286	993	0.341	956	0.321	923	0.319	905	0.270	1109	0.123	1151	0.125	1072	0.189	1036	0.218	1040	0.266	1132	0.255	985	0.247	759	0.208	775	0.123	693	0.123	581	0.123
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	372	0.119	260	0.116	186	0.113	131	0.167	117	0.214	143	0.217	335	0.229	947	0.242	1170	0.286	993	0.341	956	0.321	923	0.319	905	0.270	1109	0.123	1151	0.125	1072	0.189	1036	0.218	1040	0.266	1132	0.255	985	0.247	759	0.208	775	0.123	693	0.123	581	0.123
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	601	0.119	420	0.116	300	0.113	211	0.159	195	0.205	238	0.208	557	0.222	1575	0.234	1911	0.268	1622	0.322	1562	0.304	1494	0.302	1474	0.253	1765	0.120	1858	0.125	1727	0.181	1644	0.205	1652	0.248	1797	0.234	1550	0.226	1200	0.192	1234	0.118	1118	0.121	937	0.121
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	164	0.155	115	0.148	82	0.146	60	0.219	56	0.249	69	0.249	161	0.266	455	0.282	580	0.333	502	0.397	480	0.369	468	0.368	448	0.315	498	0.166	508	0.164	493	0.249	496	0.288	513	0.351	553	0.333	485	0.325	362	0.277	348	0.166	306	0.161	256	0.161
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	164	0.155	115	0.148	82	0.146	60	0.219	56	0.249	69	0.249	161	0.266	455	0.282	580	0.333	502	0.397	480	0.369	468	0.368	448	0.315	498	0.166	508	0.164	493	0.249	496	0.288	513	0.351	553	0.333	485	0.325	362	0.277	348	0.166	306	0.161	256	0.161
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	82	0.167	57	0.164	41	0.164	30	0.249	28	0.282	34	0.282	80	0.287	227	0.303	290	0.358	251	0.419	240	0.397	234	0.395	224	0.339	249	0.178	254	0.176	247	0.268	248	0.310	257	0.370	276	0.351	243	0.349	181	0.297	174	0.175	153	0.173	128	0.170
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	82	0.167	57	0.164	41	0.164	30	0.249	28	0.282	34	0.282	80	0.287	227	0.303	290	0.358	251	0.419	240	0.397	234	0.395	224	0.339	249	0.178	254	0.176	247	0.268	248	0.310	257	0.370	276	0.351	243	0.349	181	0.297	174	0.175	153	0.173	128	0.170
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	82	0.167	57	0.164	41	0.164	30	0.249	28	0.282	34	0.282	80	0.287	227	0.303	290	0.358	251	0.419	240	0.397	234	0.395	224	0.339	249	0.178	254	0.176	247	0.268	248	0.310	257	0.370	276	0.351	243	0.349	181	0.297	174	0.175	153	0.173	128	0.170

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	41	0.164	29	0.164	21	0.161	15	0.245	14	0.277	17	0.277	40	0.282	114	0.292	145	0.345	125	0.404	120	0.382	117	0.381	112	0.327	124	0.172	127	0.170	123	0.258	124	0.299	128	0.357	138	0.345	121	0.336	91	0.281	87	0.169	76	0.167	64	0.164
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	41	0.164	29	0.164	21	0.161	15	0.245	14	0.277	17	0.277	40	0.282	114	0.292	145	0.345	125	0.404	120	0.382	117	0.381	112	0.327	124	0.172	127	0.170	123	0.258	124	0.299	128	0.357	138	0.345	121	0.336	91	0.281	87	0.169	76	0.167	64	0.164
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	41	0.164	29	0.164	21	0.161	15	0.245	14	0.277	17	0.277	40	0.282	114	0.292	145	0.345	125	0.404	120	0.382	117	0.381	112	0.327	124	0.172	127	0.170	123	0.258	124	0.299	128	0.357	138	0.345	121	0.336	91	0.281	87	0.169	76	0.167	64	0.164
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	41	0.164	29	0.164	21	0.161	15	0.245	14	0.277	17	0.277	40	0.282	114	0.292	145	0.345	125	0.404	120	0.382	117	0.381	112	0.327	124	0.172	127	0.170	123	0.258	124	0.299	128	0.357	138	0.345	121	0.336	91	0.281	87	0.169	76	0.167	64	0.164
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	452	0.144	316	0.142	226	0.142	160	0.193	162	0.181	197	0.183	462	0.190	1306	0.203	1567	0.212	1273	0.242	1250	0.235	1205	0.218	1213	0.189	1347	0.139	1397	0.153	1306	0.217	1254	0.223	1243	0.258	1365	0.251	1185	0.233	915	0.199	942	0.134	840	0.148	705	0.146
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	452	0.144	316	0.142	226	0.142	160	0.193	162	0.181	197	0.183	462	0.190	1306	0.203	1567	0.212	1273	0.242	1250	0.235	1205	0.218	1213	0.189	1347	0.139	1397	0.153	1306	0.217	1254	0.223	1243	0.258	1365	0.251	1185	0.233	915	0.199	942	0.134	840	0.148	705	0.146
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	452	0.144	316	0.142	226	0.142	160	0.193	162	0.181	197	0.183	462	0.190	1306	0.203	1567	0.212	1273	0.242	1250	0.235	1205	0.218	1213	0.189	1347	0.139	1397	0.153	1306	0.217	1254	0.223	1243	0.258	1365	0.251	1185	0.233	915	0.199	942	0.134	840	0.148	705	0.146
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	452	0.144	316	0.142	226	0.142	160	0.193	162	0.181	197	0.183	462	0.190	1306	0.203	1567	0.212	1273	0.242	1250	0.235	1205	0.218	1213	0.189	1347	0.139	1397	0.153	1306	0.217	1254	0.223	1243	0.258	1365	0.251	1185	0.233	915	0.199	942	0.134	840	0.148	705	0.146
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	452	0.144	316	0.142	226	0.142	160	0.193	162	0.181	197	0.183	462	0.190	1306	0.203	1567	0.212	1273	0.242	1250	0.235	1205	0.218	1213	0.189	1347	0.139	1397	0.153	1306	0.217	1254	0.223	1243	0.258	1365	0.251	1185	0.233	915	0.199	942	0.134	840	0.148	705	0.146
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	237	0.229	166	0.223	118	0.218	85	0.275	102	0.250	124	0.252	291	0.265	822	0.276	964	0.258	789	0.296	773	0.288	733	0.257	742	0.235	690	0.199	732	0.235	695	0.300	658	0.288	664	0.330	725	0.325	620	0.294	477	0.264	483	0.197	440	0.232	369	0.232
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	173	0.176	121	0.171	86	0.166	64	0.248	54	0.314	66	0.318	155	0.335	437	0.355	567	0.416	503	0.489	476	0.465	465	0.456	438	0.397	524	0.189	535	0.186	523	0.281	528	0.332	550	0.397	591	0.376	519	0.374	386	0.314	367	0.189	322	0.183	270	0.183
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	173	0.176	121	0.171	86	0.166	64	0.248	54	0.314	66	0.318	155	0.335	437	0.355	567	0.416	503	0.489	476	0.465	465	0.456	438	0.397	524	0.189	535	0.186	523	0.281	528	0.332	550	0.397	591	0.376	519	0.374	386	0.314	367	0.189	322	0.183	270	0.183
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	173	0.176	121	0.171	86	0.166	64	0.248	54	0.314	66	0.318	155	0.335	437	0.355	567	0.416	503	0.489	476	0.465	465	0.456	438	0.397	524	0.189	535	0.186	523	0.281	528	0.332	550	0.397	591	0.376	519	0.374	386	0.314	367	0.189	322	0.183	270	0.183
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	173	0.176	121	0.171	86	0.166	64	0.248	54	0.314	66	0.318	155	0.335	437	0.355	567	0.416	503	0.489	476	0.465	465	0.456	438	0.397	524	0.189	535	0.186	523	0.281	528	0.332	550	0.397	591	0.376	519	0.374	386	0.314	367	0.189	322	0.183	270	0.183
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	173	0.176	121	0.171	86	0.166	64	0.248	54	0.314	66	0.318	155	0.335	437	0.355	567	0.416	503	0.489	476	0.465	465	0.456	438	0.397	524	0.189	535	0.186	523	0.281	528	0.332	550	0.397	591	0.376	519	0.374	386	0.314	367	0.189	322	0.183	270	0.183
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	53	0.154	37	0.154	26	0.154	19	0.233	18	0.314	22	0.319	52	0.319	147	0.336	189	0.397	165	0.471	157	0.438	153	0.437	146	0.377	160	0.164	164	0.163	156	0.250	155	0.288	157	0.344	171	0.328	150	0.324	113	0.269	112	0.161	98	0.157	83	0.157
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	26	0.154	19	0.152	13	0.152	10	0.233	9	0.314	11	0.314	26	0.319	74	0.325	95	0.383	83	0.447	79	0.423	77	0.422	73	0.364	80	0.158	82	0.157	78	0.241	77	0.277	79	0.332	85	0.316	75	0.313	57	0.260	56	0.156	49	0.154	41	0.154
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	53	0.154	37	0.154	26	0.154	19	0.233	18	0.314	22	0.319	52	0.319	147	0.336	189	0.397	165	0.471	157	0.438	153	0.437	146	0.377	160	0.164	164	0.163	156	0.250	155	0.288	157	0.344	171	0.328	150	0.324	113	0.269	112	0.161	98	0.157	83	0.157
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	71	0.134	50	0.132	35	0.132	26	0.201	27	0.256	33	0.259	77	0.265	216	0.291	276	0.338	239	0.403	229	0.382	223	0.380	214	0.327	215	0.151	220	0.149	210	0.229	208	0.265	212	0.318	230	0.302	202	0.299	152	0.243	150	0.143	132	0.139	111	0.137
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	62	0.121	43	0.120	31	0.119	22	0.182	31	0.203	38	0.203	89	0.208	252	0.229	317	0.272	269	0.323	259	0.305	252	0.303	246	0.257	187	0.131	191	0.132	181	0.202	180	0.234	183	0.282	198	0.274	174	0.265	132	0.214	131	0.128	115	0.125	96	0.123
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	62	0.121	43	0.120	31	0.119	22	0.182	31	0.203	38	0.203	89	0.208	252	0.229	317	0.272	269	0.323	259	0.305	252	0.303	246	0.257	187	0.131	191	0.132	181	0.202	180	0.234	183	0.282	198	0.274	174	0.265	132	0.214	131	0.128	115	0.125	96	0.123
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	62	0.121	43	0.120	31	0.119	22	0.182	31	0.203	38	0.203	89	0.208	252	0.229	317	0.272	269	0.323	259	0.305	252	0.303	246	0.257	187	0.131	191	0.132	181	0.202	180	0.234	183	0.282	198	0.274	174	0.265	132	0.214	131	0.128	115	0.125	96	0.123
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	62	0.121	43	0.120	31	0.119	22	0.182	31	0.203	38	0.203	89	0.208	252	0.229	317	0.272	269	0.323	259	0.305	252	0.303	246	0.257	187	0.131	191	0.132	181	0.202	180	0.234	183	0.282	198	0.274	174	0.265	132	0.214	131	0.128	115	0.125	96	0.123
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	66	0.146	46	0.144	33	0.144	24	0.218	40	0.183	49	0.183	115	0.190	324	0.207	401	0.245	333	0.297	323	0.281	315	0.278	311	0.230	200	0.161	204	0.158	196	0.248	197	0.291	203	0.352	219	0.332	192	0.330	144	0.264	140	0.154	123	0.152	103	0.150
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	372	0.119	260	0.116	186	0.113	131	0.167	117	0.214	143	0.217	335	0.229	947	0.242	1170	0.286	993	0.341	956	0.321	923	0.319	905	0.270	1109	0.123	1151	0.125	1072	0.189	1036	0.218	1040	0.266	1132	0.255	985	0.247	759	0.208	775	0.123	693	0.123	581	0.123
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	372	0.119	260	0.116	186	0.113	131	0.167	117	0.214	143	0.217	335	0.229	947	0.242	1170	0.286	993	0.341	956	0.321	923	0.319	905	0.270	1109	0.123	1151	0.125	1072	0.189	1036	0.218	1040	0.266	1132	0.255	985	0.247	759	0.208	775	0.123	693	0.123	581	0.123
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.016	9	0.016	6	0.016	4	0.024	6	0.029	7	0.029	17	0.029	47	0.030	57	0.036	46	0.046	45	0.042	44	0.042	45	0.035	38	0.017	38	0.017	34	0.024	32	0.030	31	0.038	34	0.035	30	0.035	24	0.028	26	0.017	23	0.016	19	0.016
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.023	3	0.023	2	0.023	2	0.033	2	0.039	3	0.039	7	0.039	19	0.040	23	0.048	18	0.061	18	0.056	18	0.056	18	0.047	15	0.024	15	0.024	13	0.034	13	0.041	13	0.052	14	0.047	12	0.048	10	0.039	11	0.024	9	0.023	8	0.023
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.023	5	0.023	4	0.023	2	0.033	4	0.039	4	0.039	10	0.039	28	0.040	34	0.048	28	0.061	27	0.056	26	0.056	27	0.047	23	0.024	23	0.024	20	0.034	19	0.041	19	0.052	21	0.047	18	0.048	14	0.040	16	0.024	14	0.024	12	0.023
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	489	0.194	342	0.192	245	0.191	185	0.264	180	0.205	219	0.207	513	0.210	1449	0.225	1764	0.250	1490	0.293	1441	0.279	1381	0.273	1359	0.233	1442	0.199	1513	0.207	1510	0.287	1487	0.314	1560	0.368	1677	0.357	1447	0.343	1074	0.295	1009	0.193	910	0.199	763	0.197

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1348	0.016	943	0.016	674	0.016	490	0.022	498	0.020	606	0.020	1422	0.020	4020	0.020	5016	0.020	4282	0.024	4113	0.023	3987	0.022	3883	0.019	4037	0.014	4171	0.016	4009	0.021	3938	0.022	4015	0.025	4357	0.024	3796	0.023	2869	0.021	2824	0.015	2508	0.016	2104	0.016
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1348	0.016	943	0.016	674	0.016	490	0.022	498	0.020	606	0.020	1422	0.020	4020	0.020	5016	0.020	4282	0.024	4113	0.023	3987	0.022	3883	0.019	4037	0.014	4171	0.016	4009	0.021	3938	0.022	4015	0.025	4357	0.024	3796	0.023	2869	0.021	2824	0.015	2508	0.016	2104	0.016
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1348	0.016	943	0.016	674	0.016	490	0.022	498	0.020	606	0.020	1422	0.020	4020	0.020	5016	0.020	4282	0.024	4113	0.023	3987	0.022	3883	0.019	4037	0.014	4171	0.016	4009	0.021	3938	0.022	4015	0.025	4357	0.024	3796	0.023	2869	0.021	2824	0.015	2508	0.016	2104	0.016
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1348	0.016	943	0.016	674	0.016	490	0.022	498	0.020	606	0.020	1422	0.020	4020	0.020	5016	0.020	4282	0.024	4113	0.023	3987	0.022	3883	0.019	4037	0.014	4171	0.016	4009	0.021	3938	0.022	4015	0.025	4357	0.024	3796	0.023	2869	0.021	2824	0.015	2508	0.016	2104	0.016
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	313	0.025	219	0.025	157	0.024	116	0.031	127	0.023	155	0.023	363	0.024	1025	0.025	1262	0.025	1059	0.029	1025	0.027	992	0.025	977	0.023	935	0.023	969	0.026	949	0.034	933	0.033	958	0.037	1039	0.037	902	0.033	676	0.030	654	0.022	583	0.025	489	0.025
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	313	0.025	219	0.025	157	0.024	116	0.031	127	0.023	155	0.023	363	0.024	1025	0.025	1262	0.025	1059	0.029	1025	0.027	992	0.025	977	0.023	935	0.023	969	0.026	949	0.034	933	0.033	958	0.037	1039	0.037	902	0.033	676	0.030	654	0.022	583	0.025	489	0.025
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	313	0.025	219	0.025	157	0.024	116	0.031	127	0.023	155	0.023	363	0.024	1025	0.025	1262	0.025	1059	0.029	1025	0.027	992	0.025	977	0.023	935	0.023	969	0.026	949	0.034	933	0.033	958	0.037	1039	0.037	902	0.033	676	0.030	654	0.022	583	0.025	489	0.025
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	313	0.025	219	0.025	157	0.024	116	0.031	127	0.023	155	0.023	363	0.024	1025	0.025	1262	0.025	1059	0.029	1025	0.027	992	0.025	977	0.023	935	0.023	969	0.026	949	0.034	933	0.033	958	0.037	1039	0.037	902	0.033	676	0.030	654	0.022	583	0.025	489	0.025
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1035	0.014	724	0.014	517	0.014	374	0.019	371	0.020	452	0.020	1059	0.020	2995	0.019	3754	0.020	3224	0.024	3088	0.023	2995	0.023	2906	0.020	3102	0.013	3201	0.014	3060	0.019	3005	0.021	3057	0.024	3318	0.023	2894	0.022	2192	0.020	2170	0.013	1925	0.014	1615	0.014
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1035	0.014	724	0.014	517	0.014	374	0.019	371	0.020	452	0.020	1059	0.020	2995	0.019	3754	0.020	3224	0.024	3088	0.023	2995	0.023	2906	0.020	3102	0.013	3201	0.014	3060	0.019	3005	0.021	3057	0.024	3318	0.023	2894	0.022	2192	0.020	2170	0.013	1925	0.014	1615	0.014
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1035	0.014	724	0.014	517	0.014	374	0.019	371	0.020	452	0.020	1059	0.020	2995	0.019	3754	0.020	3224	0.024	3088	0.023	2995	0.023	2906	0.020	3102	0.013	3201	0.014	3060	0.019	3005	0.021	3057	0.024	3318	0.023	2894	0.022	2192	0.020	2170	0.013	1925	0.014	1615	0.014
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1035	0.014	724	0.014	517	0.014	374	0.019	371	0.020	452	0.020	1059	0.020	2995	0.019	3754	0.020	3224	0.024	3088	0.023	2995	0.023	2906	0.020	3102	0.013	3201	0.014	3060	0.019	3005	0.021	3057	0.024	3318	0.023	2894	0.022	2192	0.020	2170	0.013	1925	0.014	1615	0.014
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	288	0.010	201	0.010	144	0.009	103	0.013	113	0.015	138	0.015	324	0.016	915	0.019	1152	0.023	980	0.026	943	0.025	919	0.024	894	0.021	871	0.012	890	0.012	839	0.016	831	0.018	842	0.021	913	0.021	802	0.020	610	0.017	609	0.011	535	0.011	449	0.010
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	288	0.010	201	0.010	144	0.009	103	0.013	113	0.015	138	0.015	324	0.016	915	0.019	1152	0.023	980	0.026	943	0.025	919	0.024	894	0.021	871	0.012	890	0.012	839	0.016	831	0.018	842	0.021	913	0.021	802	0.020	610	0.017	609	0.011	535	0.011	449	0.010
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1322	0.013	926	0.013	661	0.013	477	0.018	484	0.018	590	0.018	1383	0.018	3910	0.018	4906	0.019	4204	0.023	4030	0.022	3914	0.021	3800	0.019	3973	0.012	4091	0.013	3899	0.018	3836	0.019	3899	0.022	4231	0.021	3696	0.021	2802	0.018	2779	0.012	2461	0.013	2064	0.013
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1322	0.013	926	0.013	661	0.013	477	0.018	484	0.018	590	0.018	1383	0.018	3910	0.018	4906	0.019	4204	0.023	4030	0.022	3914	0.021	3800	0.019	3973	0.012	4091	0.013	3899	0.018	3836	0.019	3899	0.022	4231	0.021	3696	0.021	2802	0.018	2779	0.012	2461	0.013	2064	0.013
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1385	0.012	970	0.012	693	0.012	495	0.016	455	0.019	553	0.019	1298	0.019	3670	0.019	4593	0.021	3924	0.025	3767	0.024	3657	0.023	3558	0.020	4169	0.011	4287	0.012	4053	0.016	4013	0.018	4104	0.021	4428	0.020	3882	0.020	2943	0.017	2916	0.011	2578	0.012	2163	0.012
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1385	0.012	970	0.012	693	0.012	495	0.016	455	0.019	553	0.019	1298	0.019	3670	0.019	4593	0.021	3924	0.025	3767	0.024	3657	0.023	3558	0.020	4169	0.011	4287	0.012	4053	0.016	4013	0.018	4104	0.021	4428	0.020	3882	0.020	2943	0.017	2916	0.011	2578	0.012	2163	0.012
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	236	0.012	165	0.012	118	0.012	88	0.016	71	0.018	86	0.018	201	0.018	569	0.019	723	0.022	623	0.026	597	0.024	582	0.024	559	0.021	715	0.013	729	0.013	718	0.018	732	0.021	771	0.024	823	0.023	725	0.023	535	0.019	500	0.013	439	0.012	368	0.012
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	236	0.012	165	0.012	118	0.012	88	0.016	71	0.018	86	0.018	201	0.018	569	0.019	723	0.022	623	0.026	597	0.024	582	0.024	559	0.021	715	0.013	729	0.013	718	0.018	732	0.021	771	0.024	823	0.023	725	0.023	535	0.019	500	0.013	439	0.012	368	0.012
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1150	0.012	805	0.012	575	0.012	408	0.017	384	0.020	468	0.020	1097	0.020	3101	0.020	3870	0.021	3300	0.025	3170	0.024	3075	0.023	2999	0.021	3453	0.011	3557	0.012	3335	0.016	3281	0.018	3333	0.021	3605	0.020	3157	0.020	2408	0.017	2415	0.012	2140	0.012	1795	0.012
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	260	0.023	182	0.023	130	0.022	92	0.027	85	0.033	103	0.033	241	0.034	683	0.039	845	0.038	722	0.043	693	0.040	669	0.037	653	0.034	777	0.022	806	0.027	750	0.033	726	0.030	730	0.035	793	0.034	691	0.030	532	0.027	543	0.021	485	0.025	407	0.024
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	260	0.023	182	0.023	130	0.022	92	0.027	85	0.033	103	0.033	241	0.034	683	0.039	845	0.038	722	0.043	693	0.040	669	0.037	653	0.034	777	0.022	806	0.027	750	0.033	726	0.030	730	0.035	793	0.034	691	0.030	532	0.027	543	0.021	485	0.025	407	0.024
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	177	0.012	124	0.012	88	0.012	64	0.017	53	0.018	64	0.018	150	0.019	425	0.021	534	0.024	454	0.028	438	0.026	426	0.026	413	0.023	535	0.014	547	0.014	520	0.019	516	0.022	525	0.026	569	0.025	499	0.024	378	0.020	374	0.013	329	0.013	276	0.012
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1587	0.013	1111	0.013	793	0.013	563	0.018	521	0.021	635	0.021	1488	0.021	4209	0.021	5249	0.023	4476	0.026	4300	0.025	4170	0.024	4065	0.021	4765	0.012	4910	0.013	4605	0.017	4523	0.018	4587	0.022	4967	0.021	4347	0.020	3318	0.018	3333	0.012	2953	0.013	2477	0.013
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1587	0.013	1111	0.013	793	0.013	563	0.018	521	0.021	635	0.021	1488	0.021	4209	0.021	5249	0.023	4476	0.026	4300	0.025	4170	0.024	4065	0.021	4765	0.012	4910	0.013	4605	0.017	4523	0.018	4587	0.022	4967	0.021	4347	0.020	3318	0.018	3333	0.012	2953	0.013	2477	0.013
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1587	0.013	1111	0.013	793	0.013	563	0.018	521	0.021	635	0.021	1488	0.021	4209	0.021	5249	0.023	4476	0.026	4300	0.025	4170	0.024	4065	0.021	4765	0.012	4910	0.013	4605	0.017	4523	0.018	4587	0.022	4967	0.021	4347	0.020	3318	0.018	3333	0.012	2953	0.013	2477	0.013
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	489	0.024	342	0.023	245	0.023	185	0.029	180	0.023	219	0.023	513	0.024	1449	0.027	1764	0.027	1490	0.030	1441	0.029	1381	0.027	1359	0.024	1442	0.023	1513	0.026	1510	0.033	1487	0.032	1560	0.037	1677	0.036	1447	0.033	1074	0.030	1009	0.022	910	0.025	763	0.024
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	489	0.024	342	0.023	245	0.023	185	0.029	180	0.023	219	0.023	513	0.024	1449	0.027	1764	0.027	1490	0.030	1441	0.029	1381	0.027	1359	0.024	1442	0.023	1513	0.026	1510	0.033	1487	0.032	1560	0.037	1677	0.036	1447	0.033	1074	0.030	1009	0.022	910	0.025	763	0.024
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	475	0.021	333	0.020	238	0.020	172	0.025	154	0.030	187	0.030	438	0.031	1240	0.035	1530	0.035	1330	0.039	1273	0.038	1216	0.035	1173	0.032	1401	0.020	1470	0.023	1411	0.030	1370	0.029	1409	0.033	1522	0.033	1315	0.029	997	0.026	980	0.019	884	0.022	742	0.022
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	475	0.021	333	0.020	238	0.020	172	0.025	154	0.030	187	0.030	438	0.031	1240	0.035	1530	0.035	1330	0.039	1273	0.038	1216	0.035	1173	0.032	1401	0.020	1470	0.023	1411	0.030	1370	0.029	1409	0.033	1522	0.033	1315	0.029	997	0.026	980	0.019	884	0.022	742	0.022
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	361	0.020	253	0.020	181	0.020	137	0.026	142	0.022	173	0.022	405	0.023	1145	0.025	1407	0.027	1204	0.030	1159	0.029	1111	0.028	1082	0.025	1064	0.021	1118	0.023	1123	0.030	1107	0.031	1165	0.035	1252	0.035	1079	0.032	798	0.028	744	0.020	672	0.021	564	0.021
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	361	0.020	253	0.020	181	0.020	137	0.026	142	0.022	173	0.022	405	0.023	1145	0.025	1407	0.027	1204	0.030	1159	0.029	1111	0.028	1082	0.025	1064	0.021	1118	0.023	1123	0.030	1107	0.031	1165	0.035	1252	0.035	1079	0.032	798	0.028	744	0.020	672	0.021	564	0.021
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	361	0.020	253	0.020	181	0.020	137	0.026	142	0.022	173	0.022	405	0.023	1145	0.025	1407	0.027	1204	0.030	1159	0.029	1111	0.028	1082	0.025	1064	0.021	1118	0.023	1123	0.030	1107	0.031	1165	0.035	1252	0.035	1079	0.032	798	0.028	744	0.020	672	0.021	564	0.021
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	361	0.020	253	0.020	181	0.020	137	0.026	142	0.022	173	0.022	405	0.023	1145	0.025	1407	0.027	1204	0.030	1159	0.029	1111	0.028	1082	0.025	1064	0.021	1118	0.023	1123	0.030	1107	0.031	1165	0.035	1252	0.035	1079	0.032	798	0.028	744	0.020	672	0.021	564	0.021
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	361	0.020	253	0.020	181	0.020	137	0.026	142	0.022	173	0.022	405	0.023	1145	0.025	1407	0.027	1204	0.030	1159	0.029	1111	0.028	1082	0.025	1064	0.021	1118	0.023	1123	0.030	1107	0.031	1165	0.035	1252	0.035	1079	0.032	798	0.028	744	0.020	672	0.021	564	0.021
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	287	0.019	201	0.019	144	0.019	106	0.024	97	0.028	118	0.029	277	0.029	784	0.032	970	0.033	854	0.037	815	0.036	775	0.034	740	0.031	841	0.019	888	0.022	871	0.027	849	0.028	887	0.032	953	0.031	820	0.030	615	0.026	588	0.019	534	0.020	448	0.020
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	287	0.019	201	0.019	144	0.019	106	0.024	97	0.028	118	0.029	277	0.029	784	0.032	970	0.033	854	0.037	815	0.036	775	0.034	740	0.031	841	0.019	888	0.022	871	0.027	849	0.028	887	0.032	953	0.031	820	0.030	615	0.026	588	0.019	534	0.020	448	0.020
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	287	0.019	201	0.019	144	0.019	106	0.024	97	0.028	118	0.029	277	0.029	784	0.032	970	0.033	854	0.037	815	0.036	775	0.034	740	0.031	841	0.019	888	0.022	871	0.027	849	0.028	887	0.032	953	0.031	820	0.030	615	0.026	588	0.019	534	0.020	448	0.020
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	464	0.017	325	0.017	232	0.017	170	0.022	150	0.025	182	0.025	428	0.026	1209	0.030	1504	0.032	1308	0.036	1253	0.035	1201	0.033	1153	0.029	1375	0.018	1435	0.019	1391	0.026	1365	0.027	1412	0.032	1522	0.031	1319	0.029	993	0.025	962	0.017	863	0.018	724	0.018
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	464	0.017	325	0.017	232	0.017	170	0.022	150	0.025	182	0.025	428	0.026	1209	0.030	1504	0.032	1308	0.036	1253	0.035	1201	0.033	1153	0.029	1375	0.018	1435	0.019	1391	0.026	1365	0.027	1412	0.032	1522	0.031	1319	0.029	993	0.025	962	0.017	863	0.018	724	0.018
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	464	0.017	325	0.017	232	0.017	170	0.022	150	0.025	182	0.025	428	0.026	1209	0.030	1504	0.032	1308	0.036	1253	0.035	1201	0.033	1153	0.029	1375	0.018	1435	0.019	1391	0.026	1365	0.027	1412	0.032	1522	0.031	1319	0.029	993	0.025	962	0.017	863	0.018	724	0.018
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	170	0.031	119	0.031	85	0.031	67	0.037	78	0.031	94	0.031	221	0.032	626	0.034	778	0.034	675	0.039	646	0.037	620	0.035	598	0.031	502	0.029	527	0.033	545	0.040	548	0.039	592	0.044	629	0.044	543	0.040	395	0.036	351	0.028	317	0.032	266	0.032
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	170	0.031	119	0.031	85	0.031	67	0.037	78	0.031	94	0.031	221	0.032	626	0.034	778	0.034	675	0.039	646	0.037	620	0.035	598	0.031	502	0.029	527	0.033	545	0.040	548	0.039	592	0.044	629	0.044	543	0.040	395	0.036	351	0.028	317	0.032	266	0.032
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	291	0.024	204	0.024	146	0.024	107	0.030	101	0.029	123	0.029	289	0.030	818	0.032	1007	0.033	868	0.037	833	0.036	798	0.034	773	0.031	858	0.023	901	0.027	878	0.033	861	0.033	897	0.038	964	0.037	833	0.034	625	0.030	600	0.022	542	0.025	455	0.025
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	291	0.024	204	0.024	146	0.024	107	0.030	101	0.029	123	0.029	289	0.030	818	0.032	1007	0.033	868	0.037	833	0.036	798	0.034	773	0.031	858	0.023	901	0.027	878	0.033	861	0.033	897	0.038	964	0.037	833	0.034	625	0.030	600	0.022	542	0.025	455	0.025
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	187	0.025	131	0.025	94	0.025	73	0.032	91	0.026	110	0.026	259	0.027	731	0.029	913	0.031	787	0.035	755	0.034	728	0.032	702	0.029	557	0.025	580	0.027	599	0.035	609	0.035	659	0.040	699	0.040	607	0.037	440	0.033	390	0.024	349	0.026	292	0.026
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	187	0.025	131	0.025	94	0.025	73	0.032	91	0.026	110	0.026	259	0.027	731	0.029	913	0.031	787	0.035	755	0.034	728	0.032	702	0.029	557	0.025	580	0.027	599	0.035	609	0.035	659	0.040	699	0.040	607	0.037	440	0.033	390	0.024	349	0.026	292	0.026
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	187	0.025	131	0.025	94	0.025	73	0.032	91	0.026	110	0.026	259	0.027	731	0.029	913	0.031	787	0.035	755	0.034	728	0.032	702	0.029	557	0.025	580	0.027	599	0.035	609	0.035	659	0.040	699	0.040	607	0.037	440	0.033	390	0.024	349	0.026	292	0.026
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	187	0.025	131	0.025	94	0.025	73	0.032	91	0.026	110	0.026	259	0.027	731	0.029	913	0.031	787	0.035	755	0.034	728	0.032	702	0.029	557	0.025	580	0.027	599	0.035	609	0.035	659	0.040	699	0.040	607	0.037	440	0.033	390	0.024	349	0.026	292	0.026
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	262	0.021	183	0.020	131	0.020	96	0.026	105	0.025	128	0.026	301	0.026	850	0.029	1057	0.031	906	0.035	870	0.033	840	0.031	815	0.028	781	0.020	810	0.023	785	0.029	779	0.030	810	0.035	870	0.034	757	0.032	568	0.028	546	0.019	487	0.021	409	0.021
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	262	0.021	183	0.020	131	0.020	96	0.026	105	0.025	128	0.026	301	0.026	850	0.029	1057	0.031	906	0.035	870	0.033	840	0.031	815	0.028	781	0.020	810	0.023	785	0.029	779	0.030	810	0.035	870	0.034	757	0.032	568	0.028	546	0.019	487	0.021	409	0.021
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	262	0.021	183	0.020	131	0.020	96	0.026	105	0.025	128	0.026	301	0.026	850	0.029	1057	0.031	906	0.035	870	0.033	840	0.031	815	0.028	781	0.020	810	0.023	785	0.029	779	0.030	810	0.035	870	0.034	757	0.032	568	0.028	546	0.019	487	0.021	409	0.021
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	179	0.025	125	0.025	89	0.025	69	0.031	98	0.024	120	0.024	281	0.024	795	0.026	985	0.028	840	0.032	809	0.031	780	0.030	759	0.026	532	0.024	554	0.027	565	0.034	573	0.035	617	0.040	655	0.039	569	0.037	415	0.032	372	0.023	333	0.025	279	0.025
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	262	0.021	183	0.020	131	0.020	96	0.026	105	0.025	128	0.026	301	0.026	850	0.029	1057	0.031	906	0.035	870	0.033	840	0.031	815	0.028	781	0.020	810	0.023	785	0.029	779	0.030	810	0.035	870	0.034	757	0.032	568	0.028	546	0.019	487	0.021	409	0.021
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	160	0.030	112	0.030	80	0.030	59	0.035	54	0.032	66	0.032	155	0.032	437	0.034	534	0.032	472	0.035	449	0.034	424	0.032	406	0.030	456	0.026	494	0.031	481	0.037	454	0.033	471	0.037	508	0.036	430	0.032	327	0.030	319	0.025	297	0.030	249	0.030
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	68	0.049	48	0.049	34	0.049	26	0.054	25	0.048	30	0.048	71	0.048	202	0.049	249	0.042	218	0.047	208	0.046	198	0.040	191	0.039	197	0.039	210	0.050	212	0.056	207	0.048	220	0.053	235	0.052	201	0.045	149	0.044	138	0.039	126	0.050	106	0.049
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	38	0.012	27	0.012	19	0.012	13	0.016	16	0.021	19	0.021	44	0.022	126	0.023	159	0.027	137	0.032	131	0.030	128	0.030	124	0.026	116	0.013	118	0.013	108	0.017	107	0.020	107	0.024	116	0.022	103	0.022	79	0.019	81	0.013	71	0.013	60	0.012
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	38	0.012	27	0.012	19	0.012	13	0.016	16	0.021	19	0.021	44	0.022	126	0.023	159	0.027	137	0.032	131	0.030	128	0.030	124	0.026	116	0.013	118	0.013	108	0.017	107	0.020	107	0.024	116	0.022	103	0.022	79	0.019	81	0.013	71	0.013	60	0.012
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	222	0.018	156	0.018	111	0.018	78	0.020	79	0.021	96	0.021	225	0.021	636	0.022	749	0.022	634	0.024	611	0.023	575	0.022	576	0.021	637	0.017	688	0.018	637	0.021	591	0.020	596	0.022	648	0.022	550	0.021	430	0.019	446	0.017	414	0.018	347	0.018
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	222	0.018	156	0.018	111	0.018	78	0.020	79	0.021	96	0.021	225	0.021	636	0.022	749	0.022	634	0.024	611	0.023	575	0.022	576	0.021	637	0.017	688	0.018	637	0.021	591	0.020	596	0.022	648	0.022	550	0.021	430	0.019	446	0.017	414	0.018	347	0.018
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.016	209	0.016	149	0.016	104	0.018	105	0.019	128	0.019	299	0.019	846	0.021	1006	0.021	842	0.023	815	0.022	774	0.021	776	0.020	869	0.016	925	0.017	848	0.019	794	0.019	793	0.021	864	0.021	740	0.019	580	0.018	608	0.016	556	0.017	467	0.016
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	665	0.018	466	0.018	333	0.017	242	0.022	231	0.023	281	0.023	659	0.024	1864	0.027	2297	0.028	1957	0.031	1883	0.030	1813	0.028	1772	0.025	1976	0.018	2059	0.021	1976	0.026	1931	0.026	1980	0.031	2141	0.030	1858	0.028	1406	0.024	1382	0.017	1238	0.019	1039	0.019
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	271	0.037	190	0.037	136	0.035	99	0.039	90	0.038	110	0.038	258	0.042	729	0.044	839	0.042	723	0.045	697	0.045	641	0.041	633	0.039	753	0.034	839	0.040	814	0.045	735	0.042	750	0.045	819	0.045	676	0.041	523	0.039	527	0.033	505	0.038	423	0.038
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	271	0.037	190	0.037	136	0.035	99	0.039	90	0.038	110	0.038	258	0.042	729	0.044	839	0.042	723	0.045	697	0.045	641	0.041	633	0.039	753	0.034	839	0.040	814	0.045	735	0.042	750	0.045	819	0.045	676	0.041	523	0.039	527	0.033	505	0.038	423	0.038
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	271	0.037	190	0.037	136	0.035	99	0.039	90	0.038	110	0.038	258	0.042	729	0.044	839	0.042	723	0.045	697	0.045	641	0.041	633	0.039	753	0.034	839	0.040	814	0.045	735	0.042	750	0.045	819	0.045	676	0.041	523	0.039	527	0.033	505	0.038	423	0.038
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	271	0.037	190	0.037	136	0.035	99	0.039	90	0.038	110	0.038	258	0.042	729	0.044	839	0.042	723	0.045	697	0.045	641	0.041	633	0.039	753	0.034	839	0.040	814	0.045	735	0.042	750	0.045	819	0.045	676	0.041	523	0.039	527	0.033	505	0.038	423	0.038
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	150	0.050	105	0.048	75	0.046	56	0.049	57	0.045	70	0.045	164	0.049	464	0.051	508	0.049	442	0.051	425	0.050	377	0.046	378	0.045	387	0.046	464	0.053	457	0.057	390	0.053	410	0.056	443	0.055	349	0.051	272	0.049	271	0.045	279	0.052	234	0.052
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	133	0.018	93	0.018	67	0.017	48	0.022	36	0.023	43	0.023	102	0.024	288	0.026	362	0.028	308	0.031	298	0.031	289	0.030	278	0.027	402	0.020	412	0.020	390	0.025	377	0.026	371	0.028	410	0.028	358	0.027	275	0.024	281	0.019	248	0.019	208	0.019
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	372	0.020	260	0.020	186	0.019	131	0.023	117	0.026	143	0.026	335	0.028	947	0.030	1170	0.032	993	0.036	956	0.035	923	0.034	905	0.031	1109	0.021	1151	0.022	1072	0.026	1036	0.027	1040	0.031	1132	0.030	985	0.029	759	0.027	775	0.021	693	0.021	581	0.021
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	372	0.020	260	0.020	186	0.019	131	0.023	117	0.026	143	0.026	335	0.028	947	0.030	1170	0.032	993	0.036	956	0.035	923	0.034	905	0.031	1109	0.021	1151	0.022	1072	0.026	1036	0.027	1040	0.031	1132	0.030	985	0.029	759	0.027	775	0.021	693	0.021	581	0.021
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	372	0.020	260	0.020	186	0.019	131	0.023	117	0.026	143	0.026	335	0.028	947	0.030	1170	0.032	993	0.036	956	0.035	923	0.034	905	0.031	1109	0.021	1151	0.022	1072	0.026	1036	0.027	1040	0.031	1132	0.030	985	0.029	759	0.027	775	0.021	693	0.021	581	0.021
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	601	0.022	420	0.021	300	0.021	211	0.023	195	0.026	238	0.027	557	0.029	1575	0.031	1911	0.032	1622	0.036	1562	0.035	1494	0.034	1474	0.030	1765	0.022	1858	0.023	1727	0.027	1644	0.028	1652	0.031	1797	0.030	1550	0.029	1200	0.027	1234	0.022	1118	0.022	937	0.022
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	164	0.020	115	0.019	82	0.019	60	0.024	56	0.024	69	0.024	161	0.026	455	0.027	580	0.031	502	0.034	480	0.033	468	0.032	448	0.029	498	0.022	508	0.022	493	0.027	496	0.030	513	0.034	553	0.033	485	0.032	362	0.029	348	0.022	306	0.021	256	0.021
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	164	0.020	115	0.019	82	0.019	60	0.024	56	0.024	69	0.024	161	0.026	455	0.027	580	0.031	502	0.034	480	0.033	468	0.032	448	0.029	498	0.022	508	0.022	493	0.027	496	0.030	513	0.034	553	0.033	485	0.032	362	0.029	348	0.022	306	0.021	256	0.021
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	82	0.022	57	0.022	41	0.022	30	0.027	28	0.027	34	0.027	80	0.028	227	0.030	290	0.034	251	0.037	240	0.036	234	0.035	224	0.032	249	0.024	254	0.024	247	0.030	248	0.032	257	0.036	276	0.035	243	0.035	181	0.031	174	0.023	153	0.023	128	0.023
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	82	0.022	57	0.022	41	0.022	30	0.027	28	0.027	34	0.027	80	0.028	227	0.030	290	0.034	251	0.037	240	0.036	234	0.035	224	0.032	249	0.024	254	0.024	247	0.030	248	0.032	257	0.036	276	0.035	243	0.035	181	0.031	174	0.023	153	0.023	128	0.023
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	82	0.022	57	0.022	41	0.022	30	0.027	28	0.027	34	0.027	80	0.028	227	0.030	290	0.034	251	0.037	240	0.036	234	0.035	224	0.032	249	0.024	254	0.024	247	0.030	248	0.032	257	0.036	276	0.035	243	0.035	181	0.031	174	0.023	153	0.023	128	0.023

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	41	0.022	29	0.022	21	0.021	15	0.027	14	0.027	17	0.027	40	0.027	114	0.029	145	0.032	125	0.035	120	0.034	117	0.034	112	0.030	124	0.023	127	0.023	123	0.029	124	0.031	128	0.034	138	0.034	121	0.033	91	0.029	87	0.022	76	0.022	64	0.022
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	41	0.022	29	0.022	21	0.021	15	0.027	14	0.027	17	0.027	40	0.027	114	0.029	145	0.032	125	0.035	120	0.034	117	0.034	112	0.030	124	0.023	127	0.023	123	0.029	124	0.031	128	0.034	138	0.034	121	0.033	91	0.029	87	0.022	76	0.022	64	0.022
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	41	0.022	29	0.022	21	0.021	15	0.027	14	0.027	17	0.027	40	0.027	114	0.029	145	0.032	125	0.035	120	0.034	117	0.034	112	0.030	124	0.023	127	0.023	123	0.029	124	0.031	128	0.034	138	0.034	121	0.033	91	0.029	87	0.022	76	0.022	64	0.022
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	41	0.022	29	0.022	21	0.021	15	0.027	14	0.027	17	0.027	40	0.027	114	0.029	145	0.032	125	0.035	120	0.034	117	0.034	112	0.030	124	0.023	127	0.023	123	0.029	124	0.031	128	0.034	138	0.034	121	0.033	91	0.029	87	0.022	76	0.022	64	0.022
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	452	0.031	316	0.031	226	0.031	160	0.035	162	0.032	197	0.033	462	0.034	1306	0.037	1567	0.034	1273	0.037	1250	0.037	1205	0.032	1213	0.031	1347	0.030	1397	0.034	1306	0.040	1254	0.037	1243	0.041	1365	0.040	1185	0.036	915	0.033	942	0.028	840	0.033	705	0.032
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	452	0.031	316	0.031	226	0.031	160	0.035	162	0.032	197	0.033	462	0.034	1306	0.037	1567	0.034	1273	0.037	1250	0.037	1205	0.032	1213	0.031	1347	0.030	1397	0.034	1306	0.040	1254	0.037	1243	0.041	1365	0.040	1185	0.036	915	0.033	942	0.028	840	0.033	705	0.032
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	452	0.031	316	0.031	226	0.031	160	0.035	162	0.032	197	0.033	462	0.034	1306	0.037	1567	0.034	1273	0.037	1250	0.037	1205	0.032	1213	0.031	1347	0.030	1397	0.034	1306	0.040	1254	0.037	1243	0.041	1365	0.040	1185	0.036	915	0.033	942	0.028	840	0.033	705	0.032
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	452	0.031	316	0.031	226	0.031	160	0.035	162	0.032	197	0.033	462	0.034	1306	0.037	1567	0.034	1273	0.037	1250	0.037	1205	0.032	1213	0.031	1347	0.030	1397	0.034	1306	0.040	1254	0.037	1243	0.041	1365	0.040	1185	0.036	915	0.033	942	0.028	840	0.033	705	0.032
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	452	0.031	316	0.031	226	0.031	160	0.035	162	0.032	197	0.033	462	0.034	1306	0.037	1567	0.034	1273	0.037	1250	0.037	1205	0.032	1213	0.031	1347	0.030	1397	0.034	1306	0.040	1254	0.037	1243	0.041	1365	0.040	1185	0.036	915	0.033	942	0.028	840	0.033	705	0.032
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	237	0.053	166	0.052	118	0.050	85	0.056	102	0.054	124	0.054	291	0.058	822	0.061	964	0.052	789	0.058	773	0.057	733	0.048	742	0.047	690	0.044	732	0.055	695	0.063	658	0.054	664	0.060	725	0.060	620	0.051	477	0.049	483	0.043	440	0.054	369	0.054
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	173	0.022	121	0.021	86	0.020	64	0.025	54	0.027	66	0.028	155	0.030	437	0.031	567	0.035	503	0.040	476	0.038	465	0.037	438	0.034	524	0.023	535	0.023	523	0.029	528	0.033	550	0.037	591	0.036	519	0.035	386	0.031	367	0.023	322	0.022	270	0.022
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	173	0.022	121	0.021	86	0.020	64	0.025	54	0.027	66	0.028	155	0.030	437	0.031	567	0.035	503	0.040	476	0.038	465	0.037	438	0.034	524	0.023	535	0.023	523	0.029	528	0.033	550	0.037	591	0.036	519	0.035	386	0.031	367	0.023	322	0.022	270	0.022
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	173	0.022	121	0.021	86	0.020	64	0.025	54	0.027	66	0.028	155	0.030	437	0.031	567	0.035	503	0.040	476	0.038	465	0.037	438	0.034	524	0.023	535	0.023	523	0.029	528	0.033	550	0.037	591	0.036	519	0.035	386	0.031	367	0.023	322	0.022	270	0.022
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	173	0.022	121	0.021	86	0.020	64	0.025	54	0.027	66	0.028	155	0.030	437	0.031	567	0.035	503	0.040	476	0.038	465	0.037	438	0.034	524	0.023	535	0.023	523	0.029	528	0.033	550	0.037	591	0.036	519	0.035	386	0.031	367	0.023	322	0.022	270	0.022
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	173	0.022	121	0.021	86	0.020	64	0.025	54	0.027	66	0.028	155	0.030	437	0.031	567	0.035	503	0.040	476	0.038	465	0.037	438	0.034	524	0.023	535	0.023	523	0.029	528	0.033	550	0.037	591	0.036	519	0.035	386	0.031	367	0.023	322	0.022	270	0.022
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	53	0.020	37	0.020	26	0.020	19	0.025	18	0.026	22	0.026	52	0.026	147	0.028	189	0.032	165	0.037	157	0.035	153	0.035	146	0.031	160	0.021	164	0.021	156	0.028	155	0.030	157	0.033	171	0.033	150	0.032	113	0.028	112	0.021	98	0.020	83	0.020
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	26	0.020	19	0.019	13	0.019	10	0.025	9	0.026	11	0.026	26	0.026	74	0.027	95	0.031	83	0.034	79	0.033	77	0.033	73	0.029	80	0.020	82	0.020	78	0.026	77	0.029	79	0.032	85	0.031	75	0.031	57	0.027	56	0.020	49	0.020	41	0.020
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	53	0.020	37	0.020	26	0.020	19	0.025	18	0.026	22	0.026	52	0.026	147	0.028	189	0.032	165	0.037	157	0.035	153	0.035	146	0.031	160	0.021	164	0.021	156	0.028	155	0.030	157	0.033	171	0.033	150	0.032	113	0.028	112	0.021	98	0.020	83	0.020
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	71	0.017	50	0.017	35	0.017	26	0.021	27	0.021	33	0.022	77	0.022	216	0.025	276	0.028	239	0.031	229	0.030	223	0.030	214	0.027	215	0.019	220	0.019	210	0.025	208	0.027	212	0.030	230	0.029	202	0.029	152	0.025	150	0.018	132	0.018	111	0.018
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	62	0.016	43	0.015	31	0.015	22	0.019	31	0.018	38	0.018	89	0.019	252	0.021	317	0.024	269	0.026	259	0.026	252	0.025	246	0.022	187	0.017	191	0.017	181	0.022	180	0.024	183	0.027	198	0.027	174	0.026	132	0.022	131	0.016	115	0.016	96	0.016
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	62	0.016	43	0.015	31	0.015	22	0.019	31	0.018	38	0.018	89	0.019	252	0.021	317	0.024	269	0.026	259	0.026	252	0.025	246	0.022	187	0.017	191	0.017	181	0.022	180	0.024	183	0.027	198	0.027	174	0.026	132	0.022	131	0.016	115	0.016	96	0.016
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	62	0.016	43	0.015	31	0.015	22	0.019	31	0.018	38	0.018	89	0.019	252	0.021	317	0.024	269	0.026	259	0.026	252	0.025	246	0.022	187	0.017	191	0.017	181	0.022	180	0.024	183	0.027	198	0.027	174	0.026	132	0.022	131	0.016	115	0.016	96	0.016
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	62	0.016	43	0.015	31	0.015	22	0.019	31	0.018	38	0.018	89	0.019	252	0.021	317	0.024	269	0.026	259	0.026	252	0.025	246	0.022	187	0.017	191	0.017	181	0.022	180	0.024	183	0.027	198	0.027	174	0.026	132	0.022	131	0.016	115	0.016	96	0.016
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	66	0.019	46	0.018	33	0.018	24	0.023	40	0.019	49	0.019	115	0.020	324	0.021	401	0.024	333	0.027	323	0.026	315	0.026	311	0.022	200	0.021	204	0.020	196	0.027	197	0.029	203	0.033	219	0.032	192	0.032	144	0.027	140	0.020	123	0.019	103	0.019
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	372	0.020	260	0.020	186	0.019	131	0.023	117	0.026	143	0.026	335	0.028	947	0.030	1170	0.032	993	0.036	956	0.035	923	0.034	905	0.031	1109	0.021	1151	0.022	1072	0.026	1036	0.027	1040	0.031	1132	0.030	985	0.029	759	0.027	775	0.021	693	0.021	581	0.021
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	372	0.020	260	0.020	186	0.019	131	0.023	117	0.026	143	0.026	335	0.028	947	0.030	1170	0.032	993	0.036	956	0.035	923	0.034	905	0.031	1109	0.021	1151	0.022	1072	0.026	1036	0.027	1040	0.031	1132	0.030	985	0.029	759	0.027	775	0.021	693	0.021	581	0.021
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.007	9	0.007	6	0.007	4	0.008	6	0.008	7	0.008	17	0.008	47	0.008	57	0.009	46	0.010	45	0.009	44	0.009	45	0.009	38	0.007	38	0.007	34	0.008	32	0.008	31	0.009	34	0.009	30	0.009	24	0.008	26	0.007	23	0.007	19	0.007
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.014	3	0.014	2	0.014	2	0.015	2	0.014	3	0.014	7	0.014	19	0.014	23	0.015	18	0.016	18	0.016	18	0.016	18	0.015	15	0.015	15	0.014	13	0.015	13	0.016	13	0.016	14	0.016	12	0.016	10	0.015	11	0.014	9	0.014	8	0.014
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.014	5	0.014	4	0.014	2	0.015	4	0.014	4	0.014	10	0.014	28	0.014	34	0.015	28	0.016	27	0.016	26	0.016	27	0.015	23	0.015	23	0.014	20	0.015	19	0.016	19	0.016	21	0.016	18	0.016	14	0.015	16	0.015	14	0.014	12	0.014
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	489	0.028	342	0.028	245	0.028	185	0.033	180	0.027	219	0.027	513	0.028	1449	0.031	1764	0.030	1490	0.033	1441	0.033	1381	0.031	1359	0.028	1442	0.028	1513	0.031	1510	0.037	1487	0.036	1560	0.040	1677	0.040	1447	0.037	1074	0.034	1009	0.027	910	0.029	763	0.029

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1348	0.015	943	0.015	674	0.015	490	0.020	498	0.018	606	0.018	1422	0.018	4020	0.018	5016	0.019	4282	0.022	4113	0.021	3987	0.020	3883	0.018	4037	0.013	4171	0.014	4009	0.020	3938	0.020	4015	0.023	4357	0.022	3796	0.022	2869	0.020	2824	0.014	2508	0.015	2104	0.015
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1348	0.015	943	0.015	674	0.015	490	0.020	498	0.018	606	0.018	1422	0.018	4020	0.018	5016	0.019	4282	0.022	4113	0.021	3987	0.020	3883	0.018	4037	0.013	4171	0.014	4009	0.020	3938	0.020	4015	0.023	4357	0.022	3796	0.022	2869	0.020	2824	0.014	2508	0.015	2104	0.015
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1348	0.015	943	0.015	674	0.015	490	0.020	498	0.018	606	0.018	1422	0.018	4020	0.018	5016	0.019	4282	0.022	4113	0.021	3987	0.020	3883	0.018	4037	0.013	4171	0.014	4009	0.020	3938	0.020	4015	0.023	4357	0.022	3796	0.022	2869	0.020	2824	0.014	2508	0.015	2104	0.015
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1348	0.015	943	0.015	674	0.015	490	0.020	498	0.018	606	0.018	1422	0.018	4020	0.018	5016	0.019	4282	0.022	4113	0.021	3987	0.020	3883	0.018	4037	0.013	4171	0.014	4009	0.020	3938	0.020	4015	0.023	4357	0.022	3796	0.022	2869	0.020	2824	0.014	2508	0.015	2104	0.015
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	313	0.023	219	0.023	157	0.023	116	0.028	127	0.021	155	0.021	363	0.022	1025	0.023	1262	0.023	1059	0.026	1025	0.025	992	0.023	977	0.021	935	0.021	969	0.024	949	0.031	933	0.030	958	0.034	1039	0.034	902	0.031	676	0.028	654	0.020	583	0.023	489	0.023
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	313	0.023	219	0.023	157	0.023	116	0.028	127	0.021	155	0.021	363	0.022	1025	0.023	1262	0.023	1059	0.026	1025	0.025	992	0.023	977	0.021	935	0.021	969	0.024	949	0.031	933	0.030	958	0.034	1039	0.034	902	0.031	676	0.028	654	0.020	583	0.023	489	0.023
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	313	0.023	219	0.023	157	0.023	116	0.028	127	0.021	155	0.021	363	0.022	1025	0.023	1262	0.023	1059	0.026	1025	0.025	992	0.023	977	0.021	935	0.021	969	0.024	949	0.031	933	0.030	958	0.034	1039	0.034	902	0.031	676	0.028	654	0.020	583	0.023	489	0.023
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	313	0.023	219	0.023	157	0.023	116	0.028	127	0.021	155	0.021	363	0.022	1025	0.023	1262	0.023	1059	0.026	1025	0.025	992	0.023	977	0.021	935	0.021	969	0.024	949	0.031	933	0.030	958	0.034	1039	0.034	902	0.031	676	0.028	654	0.020	583	0.023	489	0.023
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1035	0.013	724	0.013	517	0.013	374	0.018	371	0.018	452	0.018	1059	0.018	2995	0.018	3754	0.019	3224	0.022	3088	0.021	2995	0.021	2906	0.018	3102	0.012	3201	0.013	3060	0.018	3005	0.019	3057	0.022	3318	0.021	2894	0.021	2192	0.018	2170	0.012	1925	0.013	1615	0.013
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1035	0.013	724	0.013	517	0.013	374	0.018	371	0.018	452	0.018	1059	0.018	2995	0.018	3754	0.019	3224	0.022	3088	0.021	2995	0.021	2906	0.018	3102	0.012	3201	0.013	3060	0.018	3005	0.019	3057	0.022	3318	0.021	2894	0.021	2192	0.018	2170	0.012	1925	0.013	1615	0.013
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1035	0.013	724	0.013	517	0.013	374	0.018	371	0.018	452	0.018	1059	0.018	2995	0.018	3754	0.019	3224	0.022	3088	0.021	2995	0.021	2906	0.018	3102	0.012	3201	0.013	3060	0.018	3005	0.019	3057	0.022	3318	0.021	2894	0.021	2192	0.018	2170	0.012	1925	0.013	1615	0.013
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1035	0.013	724	0.013	517	0.013	374	0.018	371	0.018	452	0.018	1059	0.018	2995	0.018	3754	0.019	3224	0.022	3088	0.021	2995	0.021	2906	0.018	3102	0.012	3201	0.013	3060	0.018	3005	0.019	3057	0.022	3318	0.021	2894	0.021	2192	0.018	2170	0.012	1925	0.013	1615	0.013
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	288	0.009	201	0.009	144	0.009	103	0.012	113	0.014	138	0.014	324	0.015	915	0.018	1152	0.021	980	0.024	943	0.023	919	0.022	894	0.019	871	0.011	890	0.011	839	0.015	831	0.017	842	0.020	913	0.019	802	0.019	610	0.015	609	0.010	535	0.010	449	0.010
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	288	0.009	201	0.009	144	0.009	103	0.012	113	0.014	138	0.014	324	0.015	915	0.018	1152	0.021	980	0.024	943	0.023	919	0.022	894	0.019	871	0.011	890	0.011	839	0.015	831	0.017	842	0.020	913	0.019	802	0.019	610	0.015	609	0.010	535	0.010	449	0.010
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1322	0.012	926	0.012	661	0.012	477	0.016	484	0.017	590	0.017	1383	0.017	3910	0.017	4906	0.018	4204	0.021	4030	0.020	3914	0.020	3800	0.017	3973	0.011	4091	0.012	3899	0.016	3836	0.018	3899	0.021	4231	0.020	3696	0.019	2802	0.017	2779	0.011	2461	0.012	2064	0.012
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1322	0.012	926	0.012	661	0.012	477	0.016	484	0.017	590	0.017	1383	0.017	3910	0.017	4906	0.018	4204	0.021	4030	0.020	3914	0.020	3800	0.017	3973	0.011	4091	0.012	3899	0.016	3836	0.018	3899	0.021	4231	0.020	3696	0.019	2802	0.017	2779	0.011	2461	0.012	2064	0.012
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1385	0.011	970	0.011	693	0.011	495	0.015	455	0.018	553	0.018	1298	0.018	3670	0.018	4593	0.019	3924	0.023	3767	0.022	3657	0.021	3558	0.019	4169	0.010	4287	0.011	4053	0.015	4013	0.017	4104	0.019	4428	0.018	3882	0.018	2943	0.016	2916	0.010	2578	0.011	2163	0.011
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1385	0.011	970	0.011	693	0.011	495	0.015	455	0.018	553	0.018	1298	0.018	3670	0.018	4593	0.019	3924	0.023	3767	0.022	3657	0.021	3558	0.019	4169	0.010	4287	0.011	4053	0.015	4013	0.017	4104	0.019	4428	0.018	3882	0.018	2943	0.016	2916	0.010	2578	0.011	2163	0.011
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	236	0.011	165	0.011	118	0.011	88	0.015	71	0.016	86	0.016	201	0.017	569	0.018	723	0.021	623	0.024	597	0.022	582	0.022	559	0.019	715	0.012	729	0.012	718	0.017	732	0.019	771	0.022	823	0.021	725	0.021	535	0.018	500	0.011	439	0.011	368	0.011
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	236	0.011	165	0.011	118	0.011	88	0.015	71	0.016	86	0.016	201	0.017	569	0.018	723	0.021	623	0.024	597	0.022	582	0.022	559	0.019	715	0.012	729	0.012	718	0.017	732	0.019	771	0.022	823	0.021	725	0.021	535	0.018	500	0.011	439	0.011	368	0.011
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1150	0.011	805	0.011	575	0.011	408	0.015	384	0.018	468	0.018	1097	0.018	3101	0.018	3870	0.019	3300	0.023	3170	0.022	3075	0.022	2999	0.019	3453	0.011	3557	0.011	3335	0.015	3281	0.016	3333	0.020	3605	0.018	3157	0.018	2408	0.016	2415	0.011	2140	0.011	1795	0.011
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	260	0.022	182	0.021	130	0.021	92	0.025	85	0.030	103	0.030	241	0.032	683	0.036	845	0.035	722	0.039	693	0.037	669	0.034	653	0.031	777	0.020	806	0.024	750	0.030	726	0.028	730	0.032	793	0.032	691	0.028	532	0.025	543	0.019	485	0.023	407	0.023
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	260	0.022	182	0.021	130	0.021	92	0.025	85	0.030	103	0.030	241	0.032	683	0.036	845	0.035	722	0.039	693	0.037	669	0.034	653	0.031	777	0.020	806	0.024	750	0.030	726	0.028	730	0.032	793	0.032	691	0.028	532	0.025	543	0.019	485	0.023	407	0.023
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	177	0.011	124	0.011	88	0.011	64	0.015	53	0.017	64	0.017	150	0.017	425	0.019	534	0.022	454	0.026	438	0.024	426	0.024	413	0.021	535	0.013	547	0.013	520	0.018	516	0.020	525	0.024	569	0.023	499	0.022	378	0.019	374	0.012	329	0.012	276	0.012
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1587	0.012	1111	0.012	793	0.012	563	0.016	521	0.020	635	0.020	1488	0.020	4209	0.019	5249	0.021	4476	0.024	4300	0.023	4170	0.022	4065	0.019	4765	0.011	4910	0.012	4605	0.016	4523	0.017	4587	0.020	4967	0.019	4347	0.018	3318	0.016	3333	0.011	2953	0.012	2477	0.012
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1587	0.012	1111	0.012	793	0.012	563	0.016	521	0.020	635	0.020	1488	0.020	4209	0.019	5249	0.021	4476	0.024	4300	0.023	4170	0.022	4065	0.019	4765	0.011	4910	0.012	4605	0.016	4523	0.017	4587	0.020	4967	0.019	4347	0.018	3318	0.016	3333	0.011	2953	0.012	2477	0.012
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1587	0.012	1111	0.012	793	0.012	563	0.016	521	0.020	635	0.020	1488	0.020	4209	0.019	5249	0.021	4476	0.024	4300	0.023	4170	0.022	4065	0.019	4765	0.011	4910	0.012	4605	0.016	4523	0.017	4587	0.020	4967	0.019	4347	0.018	3318	0.016	3333	0.011	2953	0.012	2477	0.012
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	489	0.022	342	0.021	245	0.021	185	0.027	180	0.021	219	0.022	513	0.022	1449	0.024	1764	0.024	1490	0.027	1441	0.027	1381	0.025	1359	0.022	1442	0.021	1513	0.024	1510	0.030	1487	0.030	1560	0.034	1677	0.033	1447	0.031	1074	0.027	1009	0.020	910	0.023	763	0.022
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	489	0.022	342	0.021	245	0.021	185	0.027	180	0.021	219	0.022	513	0.022	1449	0.024	1764	0.024	1490	0.027	1441	0.027	1381	0.025	1359	0.022	1442	0.021	1513	0.024	1510	0.030	1487	0.030	1560	0.034	1677	0.033	1447	0.031	1074	0.027	1009	0.020	910	0.023	763	0.022
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	475	0.019	333	0.019	238	0.019	172	0.023	154	0.028	187	0.028	438	0.029	1240	0.032	1530	0.033	1330	0.036	1273	0.035	1216	0.032	1173	0.030	1401	0.019	1470	0.022	1411	0.027	1370	0.027	1409	0.030	1522	0.030	1315	0.027	997	0.024	980	0.018	884	0.020	742	0.020
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	475	0.019	333	0.019	238	0.019	172	0.023	154	0.028	187	0.028	438	0.029	1240	0.032	1530	0.033	1330	0.036	1273	0.035	1216	0.032	1173	0.030	1401	0.019	1470	0.022	1411	0.027	1370	0.027	1409	0.030	1522	0.030	1315	0.027	997	0.024	980	0.018	884	0.020	742	0.020
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	361	0.019	253	0.018	181	0.018	137	0.024	142	0.020	173	0.020	405	0.021	1145	0.023	1407	0.025	1204	0.028	1159	0.026	1111	0.025	1082	0.023	1064	0.019	1118	0.021	1123	0.027	1107	0.028	1165	0.032	1252	0.032	1079	0.030	798	0.026	744	0.018	672	0.020	564	0.019
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	361	0.019	253	0.018	181	0.018	137	0.024	142	0.020	173	0.020	405	0.021	1145	0.023	1407	0.025	1204	0.028	1159	0.026	1111	0.025	1082	0.023	1064	0.019	1118	0.021	1123	0.027	1107	0.028	1165	0.032	1252	0.032	1079	0.030	798	0.026	744	0.018	672	0.020	564	0.019
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	361	0.019	253	0.018	181	0.018	137	0.024	142	0.020	173	0.020	405	0.021	1145	0.023	1407	0.025	1204	0.028	1159	0.026	1111	0.025	1082	0.023	1064	0.019	1118	0.021	1123	0.027	1107	0.028	1165	0.032	1252	0.032	1079	0.030	798	0.026	744	0.018	672	0.020	564	0.019
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	361	0.019	253	0.018	181	0.018	137	0.024	142	0.020	173	0.020	405	0.021	1145	0.023	1407	0.025	1204	0.028	1159	0.026	1111	0.025	1082	0.023	1064	0.019	1118	0.021	1123	0.027	1107	0.028	1165	0.032	1252	0.032	1079	0.030	798	0.026	744	0.018	672	0.020	564	0.019
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	361	0.019	253	0.018	181	0.018	137	0.024	142	0.020	173	0.020	405	0.021	1145	0.023	1407	0.025	1204	0.028	1159	0.026	1111	0.025	1082	0.023	1064	0.019	1118	0.021	1123	0.027	1107	0.028	1165	0.032	1252	0.032	1079	0.030	798	0.026	744	0.018	672	0.020	564	0.019
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	287	0.018	201	0.018	144	0.018	106	0.022	97	0.026	118	0.026	277	0.027	784	0.029	970	0.031	854	0.034	815	0.033	775	0.032	740	0.029	841	0.018	888	0.020	871	0.025	849	0.026	887	0.030	953	0.029	820	0.027	615	0.024	588	0.017	534	0.019	448	0.018
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	287	0.018	201	0.018	144	0.018	106	0.022	97	0.026	118	0.026	277	0.027	784	0.029	970	0.031	854	0.034	815	0.033	775	0.032	740	0.029	841	0.018	888	0.020	871	0.025	849	0.026	887	0.030	953	0.029	820	0.027	615	0.024	588	0.017	534	0.019	448	0.018
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	287	0.018	201	0.018	144	0.018	106	0.022	97	0.026	118	0.026	277	0.027	784	0.029	970	0.031	854	0.034	815	0.033	775	0.032	740	0.029	841	0.018	888	0.020	871	0.025	849	0.026	887	0.030	953	0.029	820	0.027	615	0.024	588	0.017	534	0.019	448	0.018
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	464	0.016	325	0.015	232	0.015	170	0.020	150	0.023	182	0.023	428	0.024	1209	0.027	1504	0.030	1308	0.033	1253	0.032	1201	0.030	1153	0.027	1375	0.017	1435	0.018	1391	0.024	1365	0.025	1412	0.029	1522	0.028	1319	0.027	993	0.023	962	0.016	863	0.017	724	0.016
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	464	0.016	325	0.015	232	0.015	170	0.020	150	0.023	182	0.023	428	0.024	1209	0.027	1504	0.030	1308	0.033	1253	0.032	1201	0.030	1153	0.027	1375	0.017	1435	0.018	1391	0.024	1365	0.025	1412	0.029	1522	0.028	1319	0.027	993	0.023	962	0.016	863	0.017	724	0.016
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	464	0.016	325	0.015	232	0.015	170	0.020	150	0.023	182	0.023	428	0.024	1209	0.027	1504	0.030	1308	0.033	1253	0.032	1201	0.030	1153	0.027	1375	0.017	1435	0.018	1391	0.024	1365	0.025	1412	0.029	1522	0.028	1319	0.027	993	0.023	962	0.016	863	0.017	724	0.016
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	170	0.029	119	0.028	85	0.028	67	0.034	78	0.029	94	0.029	221	0.029	626	0.031	778	0.032	675	0.036	646	0.034	620	0.032	598	0.029	502	0.027	527	0.030	545	0.037	548	0.036	592	0.041	629	0.040	543	0.037	395	0.034	351	0.026	317	0.029	266	0.029
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	170	0.029	119	0.028	85	0.028	67	0.034	78	0.029	94	0.029	221	0.029	626	0.031	778	0.032	675	0.036	646	0.034	620	0.032	598	0.029	502	0.027	527	0.030	545	0.037	548	0.036	592	0.041	629	0.040	543	0.037	395	0.034	351	0.026	317	0.029	266	0.029
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	291	0.022	204	0.022	146	0.022	107	0.027	101	0.026	123	0.027	289	0.027	818	0.030	1007	0.030	868	0.034	833	0.033	798	0.031	773	0.028	858	0.022	901	0.025	878	0.031	861	0.030	897	0.035	964	0.034	833	0.031	625	0.028	600	0.021	542	0.023	455	0.023
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	291	0.022	204	0.022	146	0.022	107	0.027	101	0.026	123	0.027	289	0.027	818	0.030	1007	0.030	868	0.034	833	0.033	798	0.031	773	0.028	858	0.022	901	0.025	878	0.031	861	0.030	897	0.035	964	0.034	833	0.031	625	0.028	600	0.021	542	0.023	455	0.023
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	187	0.023	131	0.023	94	0.023	73	0.029	91	0.024	110	0.024	259	0.025	731	0.027	913	0.028	787	0.032	755	0.031	728	0.029	702	0.026	557	0.023	580	0.025	599	0.032	609	0.033	659	0.037	699	0.036	607	0.034	440	0.030	390	0.022	349	0.024	292	0.024
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	187	0.023	131	0.023	94	0.023	73	0.029	91	0.024	110	0.024	259	0.025	731	0.027	913	0.028	787	0.032	755	0.031	728	0.029	702	0.026	557	0.023	580	0.025	599	0.032	609	0.033	659	0.037	699	0.036	607	0.034	440	0.030	390	0.022	349	0.024	292	0.024
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	187	0.023	131	0.023	94	0.023	73	0.029	91	0.024	110	0.024	259	0.025	731	0.027	913	0.028	787	0.032	755	0.031	728	0.029	702	0.026	557	0.023	580	0.025	599	0.032	609	0.033	659	0.037	699	0.036	607	0.034	440	0.030	390	0.022	349	0.024	292	0.024
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	187	0.023	131	0.023	94	0.023	73	0.029	91	0.024	110	0.024	259	0.025	731	0.027	913	0.028	787	0.032	755	0.031	728	0.029	702	0.026	557	0.023	580	0.025	599	0.032	609	0.033	659	0.037	699	0.036	607	0.034	440	0.030	390	0.022	349	0.024	292	0.024
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	262	0.019	183	0.019	131	0.019	96	0.024	105	0.023	128	0.024	301	0.024	850	0.026	1057	0.028	906	0.032	870	0.031	840	0.029	815	0.026	781	0.019	810	0.021	785	0.027	779	0.028	810	0.032	870	0.032	757	0.030	568	0.026	546	0.018	487	0.020	409	0.020
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	262	0.019	183	0.019	131	0.019	96	0.024	105	0.023	128	0.024	301	0.024	850	0.026	1057	0.028	906	0.032	870	0.031	840	0.029	815	0.026	781	0.019	810	0.021	785	0.027	779	0.028	810	0.032	870	0.032	757	0.030	568	0.026	546	0.018	487	0.020	409	0.020
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	262	0.019	183	0.019	131	0.019	96	0.024	105	0.023	128	0.024	301	0.024	850	0.026	1057	0.028	906	0.032	870	0.031	840	0.029	815	0.026	781	0.019	810	0.021	785	0.027	779	0.028	810	0.032	870	0.032	757	0.030	568	0.026	546	0.018	487	0.020	409	0.020
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	179	0.023	125	0.023	89	0.023	69	0.029	98	0.022	120	0.022	281	0.022	795	0.024	985	0.026	840	0.030	809	0.028	780	0.027	759	0.024	532	0.022	554	0.024	565	0.031	573	0.032	617	0.037	655	0.035	569	0.034	415	0.030	372	0.021	333	0.023	279	0.023
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	262	0.019	183	0.019	131	0.019	96	0.024	105	0.023	128	0.024	301	0.024	850	0.026	1057	0.028	906	0.032	870	0.031	840	0.029	815	0.026	781	0.019	810	0.021	785	0.027	779	0.028	810	0.032	870	0.032	757	0.030	568	0.026	546	0.018	487	0.020	409	0.020
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	160	0.028	112	0.027	80	0.027	59	0.032	54	0.029	66	0.029	155	0.029	437	0.031	534	0.030	472	0.033	449	0.032	424	0.030	406	0.027	456	0.024	494	0.029	481	0.034	454	0.031	471	0.034	508	0.033	430	0.030	327	0.028	319	0.023	297	0.028	249	0.028
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	68	0.045	48	0.045	34	0.045	26	0.050	25	0.044	30	0.044	71	0.044	202	0.045	249	0.039	218	0.043	208	0.042	198	0.037	191	0.036	197	0.036	210	0.046	212	0.052	207	0.044	220	0.049	235	0.048	201	0.042	149	0.041	138	0.036	126	0.046	106	0.045
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	38	0.011	27	0.011	19	0.011	13	0.015	16	0.019	19	0.019	44	0.020	126	0.021	159	0.025	137	0.030	131	0.027	128	0.027	124	0.024	116	0.012	118	0.012	108	0.016	107	0.018	107	0.022	116	0.021	103	0.020	79	0.017	81	0.012	71	0.012	60	0.011
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	38	0.011	27	0.011	19	0.011	13	0.015	16	0.019	19	0.019	44	0.020	126	0.021	159	0.025	137	0.030	131	0.027	128	0.027	124	0.024	116	0.012	118	0.012	108	0.016	107	0.018	107	0.022	116	0.021	103	0.020	79	0.017	81	0.012	71	0.012	60	0.011
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	222	0.016	156	0.016	111	0.016	78	0.018	79	0.019	96	0.019	225	0.019	636	0.020	749	0.020	634	0.022	611	0.021	575	0.021	576	0.019	637	0.016	688	0.017	637	0.019	591	0.019	596	0.020	648	0.020	550	0.019	430	0.018	446	0.015	414	0.017	347	0.017
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	222	0.016	156	0.016	111	0.016	78	0.018	79	0.019	96	0.019	225	0.019	636	0.020	749	0.020	634	0.022	611	0.021	575	0.021	576	0.019	637	0.016	688	0.017	637	0.019	591	0.019	596	0.020	648	0.020	550	0.019	430	0.018	446	0.015	414	0.017	347	0.017
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.015	209	0.015	149	0.015	104	0.017	105	0.018	128	0.018	299	0.018	846	0.019	1006	0.019	842	0.021	815	0.020	774	0.020	776	0.018	869	0.015	925	0.016	848	0.018	794	0.018	793	0.019	864	0.019	740	0.018	580	0.017	608	0.014	556	0.015	467	0.015
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	665	0.017	466	0.016	333	0.016	242	0.021	231	0.021	281	0.021	659	0.022	1864	0.025	2297	0.026	1957	0.029	1883	0.027	1813	0.026	1772	0.023	1976	0.017	2059	0.019	1976	0.024	1931	0.024	1980	0.028	2141	0.027	1858	0.025	1406	0.022	1382	0.016	1238	0.018	1039	0.017
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	271	0.034	190	0.034	136	0.033	99	0.036	90	0.035	110	0.035	258	0.038	729	0.041	839	0.038	723	0.042	697	0.041	641	0.037	633	0.036	753	0.031	839	0.037	814	0.042	735	0.039	750	0.042	819	0.041	676	0.037	523	0.036	527	0.031	505	0.035	423	0.035
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	271	0.034	190	0.034	136	0.033	99	0.036	90	0.035	110	0.035	258	0.038	729	0.041	839	0.038	723	0.042	697	0.041	641	0.037	633	0.036	753	0.031	839	0.037	814	0.042	735	0.039	750	0.042	819	0.041	676	0.037	523	0.036	527	0.031	505	0.035	423	0.035
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	271	0.034	190	0.034	136	0.033	99	0.036	90	0.035	110	0.035	258	0.038	729	0.041	839	0.038	723	0.042	697	0.041	641	0.037	633	0.036	753	0.031	839	0.037	814	0.042	735	0.039	750	0.042	819	0.041	676	0.037	523	0.036	527	0.031	505	0.035	423	0.035
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	271	0.034	190	0.034	136	0.033	99	0.036	90	0.035	110	0.035	258	0.038	729	0.041	839	0.038	723	0.042	697	0.041	641	0.037	633	0.036	753	0.031	839	0.037	814	0.042	735	0.039	750	0.042	819	0.041	676	0.037	523	0.036	527	0.031	505	0.035	423	0.035
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	150	0.046	105	0.044	75	0.043	56	0.045	57	0.041	70	0.042	164	0.045	464	0.047	508	0.045	442	0.047	425	0.046	377	0.042	378	0.041	387	0.042	464	0.048	457	0.052	390	0.048	410	0.051	443	0.051	349	0.047	272	0.045	271	0.041	279	0.047	234	0.047
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	133	0.017	93	0.016	67	0.016	48	0.020	36	0.021	43	0.021	102	0.022	288	0.024	362	0.026	308	0.029	298	0.028	289	0.027	278	0.024	402	0.018	412	0.018	390	0.023	377	0.024	371	0.025	410	0.026	358	0.025	275	0.022	281	0.018	248	0.018	208	0.017
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	372	0.019	260	0.018	186	0.018	131	0.021	117	0.024	143	0.024	335	0.026	947	0.027	1170	0.030	993	0.033	956	0.032	923	0.031	905	0.028	1109	0.019	1151	0.020	1072	0.024	1036	0.025	1040	0.028	1132	0.028	985	0.027	759	0.024	775	0.019	693	0.019	581	0.019
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	372	0.019	260	0.018	186	0.018	131	0.021	117	0.024	143	0.024	335	0.026	947	0.027	1170	0.030	993	0.033	956	0.032	923	0.031	905	0.028	1109	0.019	1151	0.020	1072	0.024	1036	0.025	1040	0.028	1132	0.028	985	0.027	759	0.024	775	0.019	693	0.019	581	0.019
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	372	0.019	260	0.018	186	0.018	131	0.021	117	0.024	143	0.024	335	0.026	947	0.027	1170	0.030	993	0.033	956	0.032	923	0.031	905	0.028	1109	0.019	1151	0.020	1072	0.024	1036	0.025	1040	0.028	1132	0.028	985	0.027	759	0.024	775	0.019	693	0.019	581	0.019
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	601	0.020	420	0.020	300	0.019	211	0.022	195	0.024	238	0.025	557	0.027	1575	0.028	1911	0.029	1622	0.033	1562	0.032	1494	0.031	1474	0.028	1765	0.020	1858	0.021	1727	0.025	1644	0.026	1652	0.029	1797	0.028	1550	0.026	1200	0.024	1234	0.020	1118	0.020	937	0.020
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	164	0.019	115	0.018	82	0.018	60	0.022	56	0.022	69	0.022	161	0.024	455	0.025	580	0.028	502	0.032	480	0.030	468	0.030	448	0.027	498	0.020	508	0.020	493	0.025	496	0.027	513	0.031	553	0.030	485	0.029	362	0.026	348	0.020	306	0.019	256	0.019
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	164	0.019	115	0.018	82	0.018	60	0.022	56	0.022	69	0.022	161	0.024	455	0.025	580	0.028	502	0.032	480	0.030	468	0.030	448	0.027	498	0.020	508	0.020	493	0.025	496	0.027	513	0.031	553	0.030	485	0.029	362	0.026	348	0.020	306	0.019	256	0.019
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	82	0.020	57	0.020	41	0.020	30	0.025	28	0.025	34	0.025	80	0.026	227	0.027	290	0.031	251	0.034	240	0.033	234	0.033	224	0.029	249	0.022	254	0.022	247	0.028	248	0.030	257	0.033	276	0.032	243	0.032	181	0.029	174	0.021	153	0.021	128	0.021
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	82	0.020	57	0.020	41	0.020	30	0.025	28	0.025	34	0.025	80	0.026	227	0.027	290	0.031	251	0.034	240	0.033	234	0.033	224	0.029	249	0.022	254	0.022	247	0.028	248	0.030	257	0.033	276	0.032	243	0.032	181	0.029	174	0.021	153	0.021	128	0.021
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	82	0.020	57	0.020	41	0.020	30	0.025	28	0.025	34	0.025	80	0.026	227	0.027	290	0.031	251	0.034	240	0.033	234	0.033	224	0.029	249	0.022	254	0.022	247	0.028	248	0.030	257	0.033	276	0.032	243	0.032	181	0.029	174	0.021	153	0.021	128	0.021

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2028)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	41	0.020	29	0.020	21	0.019	15	0.025	14	0.025	17	0.025	40	0.025	114	0.026	145	0.029	125	0.032	120	0.031	117	0.031	112	0.028	124	0.021	127	0.021	123	0.026	124	0.028	128	0.032	138	0.031	121	0.031	91	0.027	87	0.020	76	0.020	64	0.020
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	41	0.020	29	0.020	21	0.019	15	0.025	14	0.025	17	0.025	40	0.025	114	0.026	145	0.029	125	0.032	120	0.031	117	0.031	112	0.028	124	0.021	127	0.021	123	0.026	124	0.028	128	0.032	138	0.031	121	0.031	91	0.027	87	0.020	76	0.020	64	0.020
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	41	0.020	29	0.020	21	0.019	15	0.025	14	0.025	17	0.025	40	0.025	114	0.026	145	0.029	125	0.032	120	0.031	117	0.031	112	0.028	124	0.021	127	0.021	123	0.026	124	0.028	128	0.032	138	0.031	121	0.031	91	0.027	87	0.020	76	0.020	64	0.020
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	41	0.020	29	0.020	21	0.019	15	0.025	14	0.025	17	0.025	40	0.025	114	0.026	145	0.029	125	0.032	120	0.031	117	0.031	112	0.028	124	0.021	127	0.021	123	0.026	124	0.028	128	0.032	138	0.031	121	0.031	91	0.027	87	0.020	76	0.020	64	0.020
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	452	0.029	316	0.028	226	0.028	160	0.032	162	0.029	197	0.030	462	0.031	1306	0.034	1567	0.032	1273	0.034	1250	0.034	1205	0.030	1213	0.028	1347	0.027	1397	0.031	1306	0.037	1254	0.034	1243	0.037	1365	0.037	1185	0.033	915	0.031	942	0.026	840	0.030	705	0.030
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	452	0.029	316	0.028	226	0.028	160	0.032	162	0.029	197	0.030	462	0.031	1306	0.034	1567	0.032	1273	0.034	1250	0.034	1205	0.030	1213	0.028	1347	0.027	1397	0.031	1306	0.037	1254	0.034	1243	0.037	1365	0.037	1185	0.033	915	0.031	942	0.026	840	0.030	705	0.030
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	452	0.029	316	0.028	226	0.028	160	0.032	162	0.029	197	0.030	462	0.031	1306	0.034	1567	0.032	1273	0.034	1250	0.034	1205	0.030	1213	0.028	1347	0.027	1397	0.031	1306	0.037	1254	0.034	1243	0.037	1365	0.037	1185	0.033	915	0.031	942	0.026	840	0.030	705	0.030
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	452	0.029	316	0.028	226	0.028	160	0.032	162	0.029	197	0.030	462	0.031	1306	0.034	1567	0.032	1273	0.034	1250	0.034	1205	0.030	1213	0.028	1347	0.027	1397	0.031	1306	0.037	1254	0.034	1243	0.037	1365	0.037	1185	0.033	915	0.031	942	0.026	840	0.030	705	0.030
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	452	0.029	316	0.028	226	0.028	160	0.032	162	0.029	197	0.030	462	0.031	1306	0.034	1567	0.032	1273	0.034	1250	0.034	1205	0.030	1213	0.028	1347	0.027	1397	0.031	1306	0.037	1254	0.034	1243	0.037	1365	0.037	1185	0.033	915	0.031	942	0.026	840	0.030	705	0.030
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	237	0.049	166	0.048	118	0.046	85	0.052	102	0.049	124	0.050	291	0.053	822	0.056	964	0.048	789	0.054	773	0.052	733	0.044	742	0.043	690	0.041	732	0.051	695	0.058	658	0.050	664	0.055	725	0.055	620	0.047	477	0.045	483	0.040	440	0.050	369	0.050
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	173	0.020	121	0.019	86	0.019	64	0.023	54	0.025	66	0.025	155	0.027	437	0.029	567	0.032	503	0.036	476	0.035	465	0.034	438	0.031	524	0.021	535	0.021	523	0.027	528	0.030	550	0.034	591	0.033	519	0.032	386	0.028	367	0.021	322	0.021	270	0.021
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	173	0.020	121	0.019	86	0.019	64	0.023	54	0.025	66	0.025	155	0.027	437	0.029	567	0.032	503	0.036	476	0.035	465	0.034	438	0.031	524	0.021	535	0.021	523	0.027	528	0.030	550	0.034	591	0.033	519	0.032	386	0.028	367	0.021	322	0.021	270	0.021
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	173	0.020	121	0.019	86	0.019	64	0.023	54	0.025	66	0.025	155	0.027	437	0.029	567	0.032	503	0.036	476	0.035	465	0.034	438	0.031	524	0.021	535	0.021	523	0.027	528	0.030	550	0.034	591	0.033	519	0.032	386	0.028	367	0.021	322	0.021	270	0.021
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	173	0.020	121	0.019	86	0.019	64	0.023	54	0.025	66	0.025	155	0.027	437	0.029	567	0.032	503	0.036	476	0.035	465	0.034	438	0.031	524	0.021	535	0.021	523	0.027	528	0.030	550	0.034	591	0.033	519	0.032	386	0.028	367	0.021	322	0.021	270	0.021
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	173	0.020	121	0.019	86	0.019	64	0.023	54	0.025	66	0.025	155	0.027	437	0.029	567	0.032	503	0.036	476	0.035	465	0.034	438	0.031	524	0.021	535	0.021	523	0.027	528	0.030	550	0.034	591	0.033	519	0.032	386	0.028	367	0.021	322	0.021	270	0.021
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	53	0.018	37	0.018	26	0.018	19	0.023	18	0.024	22	0.024	52	0.024	147	0.026	189	0.030	165	0.034	157	0.032	153	0.032	146	0.028	160	0.019	164	0.019	156	0.025	155	0.027	157	0.031	171	0.030	150	0.030	113	0.026	112	0.019	98	0.018	83	0.018
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	26	0.018	19	0.018	13	0.018	10	0.023	9	0.024	11	0.024	26	0.024	74	0.025	95	0.028	83	0.032	79	0.030	77	0.030	73	0.027	80	0.019	82	0.018	78	0.024	77	0.026	79	0.029	85	0.029	75	0.028	57	0.025	56	0.018	49	0.018	41	0.018
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	53	0.018	37	0.018	26	0.018	19	0.023	18	0.024	22	0.024	52	0.024	147	0.026	189	0.030	165	0.034	157	0.032	153	0.032	146	0.028	160	0.019	164	0.019	156	0.025	155	0.027	157	0.031	171	0.030	150	0.030	113	0.026	112	0.019	98	0.018	83	0.018
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	71	0.016	50	0.015	35	0.015	26	0.020	27	0.019	33	0.020	77	0.020	216	0.023	276	0.025	239	0.029	229	0.028	223	0.028	214	0.024	215	0.018	220	0.018	210	0.023	208	0.025	212	0.028	230	0.027	202	0.027	152	0.023	150	0.017	132	0.016	111	0.016
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	62	0.014	43	0.014	31	0.014	22	0.018	31	0.017	38	0.017	89	0.017	252	0.019	317	0.022	269	0.024	259	0.024	252	0.023	246	0.021	187	0.016	191	0.016	181	0.020	180	0.022	183	0.025	198	0.024	174	0.024	132	0.020	131	0.015	115	0.015	96	0.015
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	62	0.014	43	0.014	31	0.014	22	0.018	31	0.017	38	0.017	89	0.017	252	0.019	317	0.022	269	0.024	259	0.024	252	0.023	246	0.021	187	0.016	191	0.016	181	0.020	180	0.022	183	0.025	198	0.024	174	0.024	132	0.020	131	0.015	115	0.015	96	0.015
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	62	0.014	43	0.014	31	0.014	22	0.018	31	0.017	38	0.017	89	0.017	252	0.019	317	0.022	269	0.024	259	0.024	252	0.023	246	0.021	187	0.016	191	0.016	181	0.020	180	0.022	183	0.025	198	0.024	174	0.024	132	0.020	131	0.015	115	0.015	96	0.015
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	62	0.014	43	0.014	31	0.014	22	0.018	31	0.017	38	0.017	89	0.017	252	0.019	317	0.022	269	0.024	259	0.024	252	0.023	246	0.021	187	0.016	191	0.016	181	0.020	180	0.022	183	0.025	198	0.024	174	0.024	132	0.020	131	0.015	115	0.015	96	0.015
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	66	0.017	46	0.017	33	0.017	24	0.021	40	0.017	49	0.017	115	0.018	324	0.020	401	0.022	333	0.025	323	0.024	315	0.024	311	0.021	200	0.019	204	0.019	196	0.025	197	0.027	203	0.030	219	0.029	192	0.029	144	0.025	140	0.018	123	0.018	103	0.018
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	372	0.019	260	0.018	186	0.018	131	0.021	117	0.024	143	0.024	335	0.026	947	0.027	1170	0.030	993	0.033	956	0.032	923	0.031	905	0.028	1109	0.019	1151	0.020	1072	0.024	1036	0.025	1040	0.028	1132	0.028	985	0.027	759	0.024	775	0.019	693	0.019	581	0.019
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	372	0.019	260	0.018	186	0.018	131	0.021	117	0.024	143	0.024	335	0.026	947	0.027	1170	0.030	993	0.033	956	0.032	923	0.031	905	0.028	1109	0.019	1151	0.020	1072	0.024	1036	0.025	1040	0.028	1132	0.028	985	0.027	759	0.024	775	0.019	693	0.019	581	0.019
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.006	9	0.006	6	0.006	4	0.007	6	0.007	7	0.007	17	0.007	47	0.007	57	0.008	46	0.009	45	0.009	44	0.009	45	0.008	38	0.007	38	0.006	34	0.007	32	0.008	31	0.009	34	0.008	30	0.008	24	0.008	26	0.007	23	0.006	19	0.006
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.013	3	0.013	2	0.013	2	0.014	2	0.013	3	0.013	7	0.013	19	0.013	23	0.014	18	0.015	18	0.014	18	0.014	18	0.014	15	0.013	15	0.013	13	0.014	13	0.014	13	0.015	14	0.015	12	0.015	10	0.014	11	0.013	9	0.013	8	0.013
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.013	5	0.013	4	0.013	2	0.014	4	0.013	4	0.013	10	0.013	28	0.013	34	0.014	28	0.015	27	0.014	26	0.014	27	0.014	23	0.013	23	0.013	20	0.014	19	0.014	19	0.015	21	0.015	18	0.015	14	0.014	16	0.013	14	0.013	12	0.013
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	489	0.026	342	0.026	245	0.025	185	0.030	180	0.025	219	0.025	513	0.026	1449	0.028	1764	0.028	1490	0.031	1441	0.030	1381	0.028	1359	0.026	1442	0.026	1513	0.028	1510	0.034	1487	0.033	1560	0.037	1677	0.037	1447	0.034	1074	0.031	1009	0.025	910	0.027	763	0.027

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1484	0.128	1039	0.128	742	0.128	538	0.143	553	0.170	673	0.170	1579	0.170	4465	0.169	5554	0.169	4718	0.174	4541	0.173	4402	0.171	4301	0.167	4448	0.124	4594	0.127	4400	0.142	4315	0.143	4388	0.151	4766	0.149	4153	0.146	3146	0.140	3111	0.124	2763	0.128	2317	0.128
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1484	0.128	1039	0.128	742	0.128	538	0.143	553	0.170	673	0.170	1579	0.170	4465	0.169	5554	0.169	4718	0.174	4541	0.173	4402	0.171	4301	0.167	4448	0.124	4594	0.127	4400	0.142	4315	0.143	4388	0.151	4766	0.149	4153	0.146	3146	0.140	3111	0.124	2763	0.128	2317	0.128
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1484	0.128	1039	0.128	742	0.128	538	0.143	553	0.170	673	0.170	1579	0.170	4465	0.169	5554	0.169	4718	0.174	4541	0.173	4402	0.171	4301	0.167	4448	0.124	4594	0.127	4400	0.142	4315	0.143	4388	0.151	4766	0.149	4153	0.146	3146	0.140	3111	0.124	2763	0.128	2317	0.128
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1484	0.128	1039	0.128	742	0.128	538	0.143	553	0.170	673	0.170	1579	0.170	4465	0.169	5554	0.169	4718	0.174	4541	0.173	4402	0.171	4301	0.167	4448	0.124	4594	0.127	4400	0.142	4315	0.143	4388	0.151	4766	0.149	4153	0.146	3146	0.140	3111	0.124	2763	0.128	2317	0.128
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	357	0.218	250	0.214	178	0.210	131	0.237	142	0.260	173	0.260	406	0.270	1148	0.305	1410	0.324	1180	0.333	1144	0.321	1106	0.316	1091	0.297	1066	0.233	1105	0.240	1072	0.282	1049	0.287	1070	0.307	1163	0.310	1010	0.288	761	0.259	745	0.224	664	0.226	557	0.222
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	357	0.218	250	0.214	178	0.210	131	0.237	142	0.260	173	0.260	406	0.270	1148	0.305	1410	0.324	1180	0.333	1144	0.321	1106	0.316	1091	0.297	1066	0.233	1105	0.240	1072	0.282	1049	0.287	1070	0.307	1163	0.310	1010	0.288	761	0.259	745	0.224	664	0.226	557	0.222
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	357	0.218	250	0.214	178	0.210	131	0.237	142	0.260	173	0.260	406	0.270	1148	0.305	1410	0.324	1180	0.333	1144	0.321	1106	0.316	1091	0.297	1066	0.233	1105	0.240	1072	0.282	1049	0.287	1070	0.307	1163	0.310	1010	0.288	761	0.259	745	0.224	664	0.226	557	0.222
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	357	0.218	250	0.214	178	0.210	131	0.237	142	0.260	173	0.260	406	0.270	1148	0.305	1410	0.324	1180	0.333	1144	0.321	1106	0.316	1091	0.297	1066	0.233	1105	0.240	1072	0.282	1049	0.287	1070	0.307	1163	0.310	1010	0.288	761	0.259	745	0.224	664	0.226	557	0.222
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1127	0.118	789	0.118	564	0.118	407	0.133	411	0.160	500	0.160	1173	0.160	3317	0.159	4144	0.161	3538	0.167	3397	0.165	3296	0.163	3210	0.158	3383	0.115	3489	0.117	3328	0.132	3267	0.135	3318	0.143	3603	0.141	3144	0.139	2384	0.132	2366	0.115	2098	0.118	1760	0.118
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1127	0.118	789	0.118	564	0.118	407	0.133	411	0.160	500	0.160	1173	0.160	3317	0.159	4144	0.161	3538	0.167	3397	0.165	3296	0.163	3210	0.158	3383	0.115	3489	0.117	3328	0.132	3267	0.135	3318	0.143	3603	0.141	3144	0.139	2384	0.132	2366	0.115	2098	0.118	1760	0.118
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1127	0.118	789	0.118	564	0.118	407	0.133	411	0.160	500	0.160	1173	0.160	3317	0.159	4144	0.161	3538	0.167	3397	0.165	3296	0.163	3210	0.158	3383	0.115	3489	0.117	3328	0.132	3267	0.135	3318	0.143	3603	0.141	3144	0.139	2384	0.132	2366	0.115	2098	0.118	1760	0.118
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1127	0.118	789	0.118	564	0.118	407	0.133	411	0.160	500	0.160	1173	0.160	3317	0.159	4144	0.161	3538	0.167	3397	0.165	3296	0.163	3210	0.158	3383	0.115	3489	0.117	3328	0.132	3267	0.135	3318	0.143	3603	0.141	3144	0.139	2384	0.132	2366	0.115	2098	0.118	1760	0.118
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	291	0.177	204	0.171	146	0.168	103	0.186	111	0.210	135	0.215	317	0.234	896	0.295	1126	0.347	956	0.356	919	0.346	897	0.334	875	0.309	882	0.211	901	0.216	844	0.252	834	0.269	841	0.295	913	0.295	803	0.285	613	0.243	617	0.197	542	0.196	455	0.188
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	291	0.177	204	0.171	146	0.168	103	0.186	111	0.210	135	0.215	317	0.234	896	0.295	1126	0.347	956	0.356	919	0.346	897	0.334	875	0.309	882	0.211	901	0.216	844	0.252	834	0.269	841	0.295	913	0.295	803	0.285	613	0.243	617	0.197	542	0.196	455	0.188
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1419	0.118	993	0.118	709	0.118	510	0.132	522	0.157	635	0.157	1490	0.157	4213	0.157	5270	0.158	4494	0.164	4316	0.163	4193	0.161	4085	0.157	4265	0.116	4390	0.118	4171	0.132	4100	0.135	4159	0.142	4516	0.140	3947	0.138	2997	0.132	2983	0.116	2640	0.118	2215	0.118
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1419	0.118	993	0.118	709	0.118	510	0.132	522	0.157	635	0.157	1490	0.157	4213	0.157	5270	0.158	4494	0.164	4316	0.163	4193	0.161	4085	0.157	4265	0.116	4390	0.118	4171	0.132	4100	0.135	4159	0.142	4516	0.140	3947	0.138	2997	0.132	2983	0.116	2640	0.118	2215	0.118
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1468	0.096	1027	0.096	734	0.096	523	0.110	478	0.135	582	0.135	1364	0.135	3857	0.135	4822	0.138	4110	0.147	3947	0.145	3834	0.143	3740	0.136	4418	0.095	4542	0.096	4275	0.110	4227	0.115	4311	0.124	4655	0.121	4082	0.120	3103	0.112	3090	0.095	2732	0.096	2291	0.096
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1468	0.096	1027	0.096	734	0.096	523	0.110	478	0.135	582	0.135	1364	0.135	3857	0.135	4822	0.138	4110	0.147	3947	0.145	3834	0.143	3740	0.136	4418	0.095	4542	0.096	4275	0.110	4227	0.115	4311	0.124	4655	0.121	4082	0.120	3103	0.112	3090	0.095	2732	0.096	2291	0.096
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	223	0.179	156	0.179	112	0.175	83	0.203	64	0.211	78	0.211	184	0.215	520	0.235	658	0.261	564	0.275	541	0.269	527	0.261	510	0.245	677	0.199	690	0.198	675	0.238	688	0.256	723	0.289	772	0.280	680	0.272	504	0.240	473	0.191	415	0.186	348	0.186
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	223	0.179	156	0.179	112	0.175	83	0.203	64	0.211	78	0.211	184	0.215	520	0.235	658	0.261	564	0.275	541	0.269	527	0.261	510	0.245	677	0.199	690	0.198	675	0.238	688	0.256	723	0.289	772	0.280	680	0.272	504	0.240	473	0.191	415	0.186	348	0.186
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1245	0.091	871	0.091	622	0.091	440	0.105	413	0.132	503	0.132	1180	0.132	3337	0.132	4164	0.137	3546	0.145	3406	0.142	3307	0.140	3230	0.133	3741	0.089	3852	0.091	3600	0.105	3539	0.109	3588	0.120	3883	0.117	3402	0.114	2599	0.107	2617	0.089	2317	0.091	1943	0.091
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	216	0.158	151	0.153	108	0.150	74	0.170	76	0.237	92	0.237	217	0.252	613	0.302	747	0.313	630	0.332	608	0.323	585	0.306	579	0.290	639	0.168	667	0.182	607	0.210	576	0.207	570	0.231	623	0.224	540	0.207	423	0.186	447	0.157	401	0.171	337	0.164
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	216	0.158	151	0.153	108	0.150	74	0.170	76	0.237	92	0.237	217	0.252	613	0.302	747	0.313	630	0.332	608	0.323	585	0.306	579	0.290	639	0.168	667	0.182	607	0.210	576	0.207	570	0.231	623	0.224	540	0.207	423	0.186	447	0.157	401	0.171	337	0.164
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	296	0.161	207	0.154	148	0.151	107	0.176	88	0.218	107	0.218	252	0.239	712	0.293	895	0.331	760	0.349	733	0.341	714	0.328	692	0.304	896	0.201	916	0.200	872	0.246	865	0.274	879	0.306	953	0.306	837	0.294	633	0.243	627	0.186	551	0.180	462	0.176
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1756	0.096	1229	0.096	878	0.096	621	0.110	578	0.141	703	0.141	1649	0.141	4662	0.140	5807	0.145	4937	0.152	4747	0.149	4605	0.147	4500	0.140	5276	0.093	5435	0.096	5078	0.110	4980	0.113	5036	0.123	5459	0.121	4779	0.117	3655	0.110	3690	0.093	3269	0.096	2742	0.096
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1756	0.096	1229	0.096	878	0.096	621	0.110	578	0.141	703	0.141	1649	0.141	4662	0.140	5807	0.145	4937	0.152	4747	0.149	4605	0.147	4500	0.140	5276	0.093	5435	0.096	5078	0.110	4980	0.113	5036	0.123	5459	0.121	4779	0.117	3655	0.110	3690	0.093	3269	0.096	2742	0.096
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1756	0.096	1229	0.096	878	0.096	621	0.110	578	0.141	703	0.141	1649	0.141	4662	0.140	5807	0.145	4937	0.152	4747	0.149	4605	0.147	4500	0.140	5276	0.093	5435	0.096	5078	0.110	4980	0.113	5036	0.123	5459	0.121	4779	0.117	3655	0.110	3690	0.093	3269	0.096	2742	0.096
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	528	0.245	370	0.241	264	0.236	197	0.263	193	0.263	235	0.267	550	0.277	1556	0.320	1889	0.340	1587	0.351	1537	0.337	1474	0.331	1457	0.318	1558	0.275	1634	0.284	1614	0.329	1582	0.337	1647	0.360	1776	0.364	1532	0.348	1144	0.304	1089	0.258	983	0.260	824	0.255
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	528	0.245	370	0.241	264	0.236	197	0.263	193	0.263	235	0.267	550	0.277	1556	0.320	1889	0.340	1587	0.351	1537	0.337	1474	0.331	1457	0.318	1558	0.275	1634	0.284	1614	0.329	1582	0.337	1647	0.360	1776	0.364	1532	0.348	1144	0.304	1089	0.258	983	0.260	824	0.255
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	415	0.202	291	0.195	208	0.192	149	0.217	136	0.270	165	0.270	388	0.286	1097	0.335	1341	0.359	1159	0.374	1111	0.357	1058	0.349	1027	0.323	1217	0.222	1284	0.234	1222	0.269	1176	0.273	1204	0.307	1302	0.299	1121	0.283	855	0.252	851	0.207	772	0.219	648	0.210
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	415	0.202	291	0.195	208	0.192	149	0.217	136	0.270	165	0.270	388	0.286	1097	0.335	1341	0.359	1159	0.374	1111	0.357	1058	0.349	1027	0.323	1217	0.222	1284	0.234	1222	0.269	1176	0.273	1204	0.307	1302	0.299	1121	0.283	855	0.252	851	0.207	772	0.219	648	0.210
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	390	0.262	273	0.257	195	0.253	146	0.277	155	0.297	188	0.297	442	0.314	1249	0.373	1528	0.400	1299	0.397	1253	0.392	1202	0.388	1177	0.365	1148	0.303	1206	0.309	1197	0.355	1173	0.364	1225	0.386	1320	0.391	1137	0.365	848	0.329	803	0.283	725	0.283	608	0.278
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	390	0.262	273	0.257	195	0.253	146	0.277	155	0.297	188	0.297	442	0.314	1249	0.373	1528	0.400	1299	0.397	1253	0.392	1202	0.388	1177	0.365	1148	0.303	1206	0.309	1197	0.355	1173	0.364	1225	0.386	1320	0.391	1137	0.365	848	0.329	803	0.283	725	0.283	608	0.278
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	390	0.262	273	0.257	195	0.253	146	0.277	155	0.297	188	0.297	442	0.314	1249	0.373	1528	0.400	1299	0.397	1253	0.392	1202	0.388	1177	0.365	1148	0.303	1206	0.309	1197	0.355	1173	0.364	1225	0.386	1320	0.391	1137	0.365	848	0.329	803	0.283	725	0.283	608	0.278
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	390	0.262	273	0.257	195	0.253	146	0.277	155	0.297	188	0.297	442	0.314	1249	0.373	1528	0.400	1299	0.397	1253	0.392	1202	0.388	1177	0.365	1148	0.303	1206	0.309	1197	0.355	1173	0.364	1225	0.386	1320	0.391	1137	0.365	848	0.329	803	0.283	725	0.283	608	0.278
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	390	0.262	273	0.257	195	0.253	146	0.277	155	0.297	188	0.297	442	0.314	1249	0.373	1528	0.400	1299	0.397	1253	0.392	1202	0.388	1177	0.365	1148	0.303	1206	0.309	1197	0.355	1173	0.364	1225	0.386	1320	0.391	1137	0.365	848	0.329	803	0.283	725	0.283	608	0.278
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	220	0.251	154	0.247	110	0.242	81	0.264	79	0.313	96	0.313	225	0.324	637	0.359	776	0.378	680	0.385	650	0.381	614	0.366	592	0.355	635	0.258	681	0.275	663	0.303	636	0.305	664	0.324	714	0.326	609	0.312	460	0.285	444	0.249	409	0.260	343	0.255
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	220	0.251	154	0.247	110	0.242	81	0.264	79	0.313	96	0.313	225	0.324	637	0.359	776	0.378	680	0.385	650	0.381	614	0.366	592	0.355	635	0.258	681	0.275	663	0.303	636	0.305	664	0.324	714	0.326	609	0.312	460	0.285	444	0.249	409	0.260	343	0.255
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	220	0.251	154	0.247	110	0.242	81	0.264	79	0.313	96	0.313	225	0.324	637	0.359	776	0.378	680	0.385	650	0.381	614	0.366	592	0.355	635	0.258	681	0.275	663	0.303	636	0.305	664	0.324	714	0.326	609	0.312	460	0.285	444	0.249	409	0.260	343	0.255
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	516	0.205	361	0.197	258	0.194	188	0.216	167	0.266	204	0.266	477	0.289	1349	0.350	1671	0.383	1441	0.398	1383	0.379	1328	0.375	1284	0.344	1531	0.239	1596	0.245	1534	0.286	1501	0.298	1543	0.336	1666	0.338	1445	0.313	1093	0.275	1071	0.222	960	0.223	805	0.218
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	516	0.205	361	0.197	258	0.194	188	0.216	167	0.266	204	0.266	477	0.289	1349	0.350	1671	0.383	1441	0.398	1383	0.379	1328	0.375	1284	0.344	1531	0.239	1596	0.245	1534	0.286	1501	0.298	1543	0.336	1666	0.338	1445	0.313	1093	0.275	1071	0.222	960	0.223	805	0.218
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	516	0.205	361	0.197	258	0.194	188	0.216	167	0.266	204	0.266	477	0.289	1349	0.350	1671	0.383	1441	0.398	1383	0.379	1328	0.375	1284	0.344	1531	0.239	1596	0.245	1534	0.286	1501	0.298	1543	0.336	1666	0.338	1445	0.313	1093	0.275	1071	0.222	960	0.223	805	0.218
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	193	0.268	135	0.268	96	0.263	74	0.288	89	0.287	108	0.287	253	0.297	715	0.337	881	0.349	755	0.367	725	0.353	697	0.348	679	0.327	569	0.287	597	0.296	602	0.335	599	0.340	638	0.370	681	0.364	588	0.348	433	0.317	398	0.275	359	0.279	301	0.279
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	193	0.268	135	0.268	96	0.263	74	0.288	89	0.287	108	0.287	253	0.297	715	0.337	881	0.349	755	0.367	725	0.353	697	0.348	679	0.327	569	0.287	597	0.296	602	0.335	599	0.340	638	0.370	681	0.364	588	0.348	433	0.317	398	0.275	359	0.279	301	0.279
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	328	0.202	230	0.198	164	0.195	119	0.218	112	0.243	137	0.247	321	0.257	907	0.293	1109	0.315	946	0.331	911	0.324	873	0.309	854	0.293	968	0.219	1015	0.234	976	0.272	952	0.279	984	0.306	1060	0.306	917	0.291	693	0.251	677	0.205	611	0.215	512	0.210
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	328	0.202	230	0.198	164	0.195	119	0.218	112	0.243	137	0.247	321	0.257	907	0.293	1109	0.315	946	0.331	911	0.324	873	0.309	854	0.293	968	0.219	1015	0.234	976	0.272	952	0.279	984	0.306	1060	0.306	917	0.291	693	0.251	677	0.205	611	0.215	512	0.210
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	191	0.262	134	0.262	96	0.257	73	0.282	93	0.287	114	0.287	267	0.298	754	0.337	932	0.359	796	0.368	766	0.363	738	0.350	718	0.337	567	0.282	592	0.290	600	0.329	602	0.336	643	0.367	685	0.360	593	0.346	435	0.315	397	0.271	356	0.273	299	0.273
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	191	0.262	134	0.262	96	0.257	73	0.282	93	0.287	114	0.287	267	0.298	754	0.337	932	0.359	796	0.368	766	0.363	738	0.350	718	0.337	567	0.282	592	0.290	600	0.329	602	0.336	643	0.367	685	0.360	593	0.346	435	0.315	397	0.271	356	0.273	299	0.273
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	191	0.262	134	0.262	96	0.257	73	0.282	93	0.287	114	0.287	267	0.298	754	0.337	932	0.359	796	0.368	766	0.363	738	0.350	718	0.337	567	0.282	592	0.290	600	0.329	602	0.336	643	0.367	685	0.360	593	0.346	435	0.315	397	0.271	356	0.273	299	0.273
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	191	0.262	134	0.262	96	0.257	73	0.282	93	0.287	114	0.287	267	0.298	754	0.337	932	0.359	796	0.368	766	0.363	738	0.350	718	0.337	567	0.282	592	0.290	600	0.329	602	0.336	643	0.367	685	0.360	593	0.346	435	0.315	397	0.271	356	0.273	299	0.273
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	293	0.186	205	0.182	147	0.182	106	0.205	117	0.241	142	0.245	333	0.255	942	0.298	1161	0.314	984	0.329	949	0.322	915	0.317	898	0.293	874	0.203	908	0.215	868	0.251	854	0.261	880	0.296	947	0.287	825	0.274	623	0.236	611	0.194	546	0.197	458	0.193
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	293	0.186	205	0.182	147	0.182	106	0.205	117	0.241	142	0.245	333	0.255	942	0.298	1161	0.314	984	0.329	949	0.322	915	0.317	898	0.293	874	0.203	908	0.215	868	0.251	854	0.261	880	0.296	947	0.287	825	0.274	623	0.236	611	0.194	546	0.197	458	0.193
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	293	0.186	205	0.182	147	0.182	106	0.205	117	0.241	142	0.245	333	0.255	942	0.298	1161	0.314	984	0.329	949	0.322	915	0.317	898	0.293	874	0.203	908	0.215	868	0.251	854	0.261	880	0.296	947	0.287	825	0.274	623	0.236	611	0.194	546	0.197	458	0.193
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	183	0.251	128	0.246	92	0.246	69	0.271	101	0.282	123	0.282	290	0.292	819	0.337	1005	0.350	849	0.359	820	0.354	791	0.350	776	0.329	541	0.263	566	0.277	566	0.309	565	0.315	601	0.345	641	0.347	555	0.325	410	0.295	379	0.253	341	0.261	286	0.256
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	293	0.186	205	0.182	147	0.182	106	0.205	117	0.241	142	0.245	333	0.255	942	0.298	1161	0.314	984	0.329	949	0.322	915	0.317	898	0.293	874	0.203	908	0.215	868	0.251	854	0.261	880	0.296	947	0.287	825	0.274	623	0.236	611	0.194	546	0.197	458	0.193
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	151	0.265	106	0.261	76	0.261	55	0.282	50	0.336	61	0.336	143	0.343	405	0.363	495	0.370	440	0.383	418	0.379	394	0.366	376	0.358	432	0.264	468	0.279	453	0.309	424	0.298	437	0.320	473	0.316	400	0.299	305	0.284	302	0.254	282	0.270	236	0.270
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	73	0.324	51	0.324	36	0.319	28	0.337	27	0.327	33	0.327	76	0.333	216	0.346	268	0.341	234	0.354	223	0.351	213	0.343	205	0.336	212	0.321	225	0.336	225	0.357	220	0.350	232	0.363	249	0.360	213	0.350	158	0.336	148	0.315	135	0.330	113	0.324
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.200	27	0.200	19	0.194	13	0.238	16	0.300	19	0.300	45	0.310	127	0.334	160	0.389	138	0.448	131	0.411	129	0.411	125	0.367	117	0.214	119	0.212	109	0.254	108	0.294	108	0.339	117	0.323	103	0.311	80	0.278	82	0.208	72	0.206	60	0.200
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.200	27	0.200	19	0.194	13	0.238	16	0.300	19	0.300	45	0.310	127	0.334	160	0.389	138	0.448	131	0.411	129	0.411	125	0.367	117	0.214	119	0.212	109	0.254	108	0.294	108	0.339	117	0.323	103	0.311	80	0.278	82	0.208	72	0.206	60	0.200
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	225	0.411	157	0.408	112	0.408	79	0.464	79	0.538	97	0.538	227	0.542	641	0.555	756	0.573	639	0.628	617	0.603	581	0.584	580	0.546	645	0.387	695	0.420	643	0.479	597	0.475	601	0.526	653	0.510	554	0.484	434	0.451	451	0.380	418	0.414	351	0.414
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	225	0.411	157	0.408	112	0.408	79	0.464	79	0.538	97	0.538	227	0.542	641	0.555	756	0.573	639	0.628	617	0.603	581	0.584	580	0.546	645	0.387	695	0.420	643	0.479	597	0.475	601	0.526	653	0.510	554	0.484	434	0.451	451	0.380	418	0.414	351	0.414
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.372	209	0.372	150	0.370	104	0.423	105	0.495	128	0.495	299	0.498	846	0.525	1007	0.549	844	0.597	816	0.577	775	0.556	777	0.517	870	0.361	926	0.391	849	0.444	794	0.445	792	0.494	864	0.483	739	0.456	580	0.419	609	0.352	557	0.378	467	0.375
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	670	0.204	469	0.197	335	0.193	241	0.218	232	0.247	282	0.247	662	0.262	1870	0.306	2294	0.330	1944	0.344	1874	0.337	1804	0.332	1772	0.307	1988	0.228	2074	0.241	1974	0.278	1919	0.286	1958	0.311	2121	0.313	1839	0.298	1399	0.258	1391	0.218	1247	0.221	1046	0.216
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	290	0.770	203	0.770	145	0.737	106	0.825	96	0.940	117	0.951	274	1.014	774	1.063	896	1.058	772	1.131	745	1.111	687	1.058	677	1.010	811	0.730	899	0.803	870	0.915	789	0.889	804	0.961	878	0.945	728	0.882	563	0.837	567	0.719	540	0.791	453	0.780
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	290	0.770	203	0.770	145	0.737	106	0.825	96	0.940	117	0.951	274	1.014	774	1.063	896	1.058	772	1.131	745	1.111	687	1.058	677	1.010	811	0.730	899	0.803	870	0.915	789	0.889	804	0.961	878	0.945	728	0.882	563	0.837	567	0.719	540	0.791	453	0.780
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	290	0.770	203	0.770	145	0.737	106	0.825	96	0.940	117	0.951	274	1.014	774	1.063	896	1.058	772	1.131	745	1.111	687	1.058	677	1.010	811	0.730	899	0.803	870	0.915	789	0.889	804	0.961	878	0.945	728	0.882	563	0.837	567	0.719	540	0.791	453	0.780
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	290	0.770	203	0.770	145	0.737	106	0.825	96	0.940	117	0.951	274	1.014	774	1.063	896	1.058	772	1.131	745	1.111	687	1.058	677	1.010	811	0.730	899	0.803	870	0.915	789	0.889	804	0.961	878	0.945	728	0.882	563	0.837	567	0.719	540	0.791	453	0.780
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	165	0.965	116	0.936	83	0.919	61	0.990	59	1.034	71	1.044	168	1.102	474	1.138	520	1.122	453	1.171	435	1.153	387	1.105	387	1.073	433	0.891	511	1.004	502	1.096	433	1.032	453	1.102	490	1.100	390	1.022	304	0.993	303	0.891	307	0.992	258	0.980
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	138	0.453	97	0.441	69	0.435	49	0.525	40	0.738	49	0.738	115	0.782	326	0.871	409	0.922	349	0.998	337	0.977	327	0.972	315	0.902	416	0.498	427	0.498	404	0.616	390	0.646	384	0.700	424	0.692	370	0.681	284	0.609	291	0.489	257	0.490	215	0.490
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	421	0.432	295	0.420	211	0.409	147	0.488	128	0.612	155	0.620	364	0.665	1030	0.700	1269	0.770	1073	0.872	1034	0.822	1000	0.814	983	0.736	1257	0.449	1303	0.458	1207	0.564	1164	0.606	1161	0.687	1267	0.661	1103	0.652	853	0.577	879	0.441	784	0.451	658	0.444
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	421	0.432	295	0.420	211	0.409	147	0.488	128	0.612	155	0.620	364	0.665	1030	0.700	1269	0.770	1073	0.872	1034	0.822	1000	0.814	983	0.736	1257	0.449	1303	0.458	1207	0.564	1164	0.606	1161	0.687	1267	0.661	1103	0.652	853	0.577	879	0.441	784	0.451	658	0.444
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	421	0.432	295	0.420	211	0.409	147	0.488	128	0.612	155	0.620	364	0.665	1030	0.700	1269	0.770	1073	0.872	1034	0.822	1000	0.814	983	0.736	1257	0.449	1303	0.458	1207	0.564	1164	0.606	1161	0.687	1267	0.661	1103	0.652	853	0.577	879	0.441	784	0.451	658	0.444
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	651	0.462	455	0.462	325	0.439	228	0.510	205	0.625	249	0.633	584	0.683	1653	0.719	2006	0.780	1700	0.863	1638	0.830	1567	0.818	1548	0.745	1915	0.466	2013	0.485	1864	0.583	1773	0.613	1775	0.691	1934	0.666	1670	0.652	1296	0.583	1340	0.458	1211	0.477	1016	0.469
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	192	0.503	134	0.480	96	0.467	70	0.571	66	0.655	81	0.664	189	0.718	534	0.760	674	0.842	575	0.937	553	0.906	538	0.903	522	0.808	580	0.533	593	0.540	569	0.677	567	0.740	579	0.831	627	0.803	550	0.799	414	0.706	406	0.533	357	0.530	299	0.521
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	192	0.503	134	0.480	96	0.467	70	0.571	66	0.655	81	0.664	189	0.718	534	0.760	674	0.842	575	0.937	553	0.906	538	0.903	522	0.808	580	0.533	593	0.540	569	0.677	567	0.740	579	0.831	627	0.803	550	0.799	414	0.706	406	0.533	357	0.530	299	0.521
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	96	0.540	67	0.540	48	0.530	35	0.665	33	0.760	40	0.760	94	0.775	267	0.824	337	0.915	287	1.019	276	0.964	269	0.961	261	0.876	290	0.576	296	0.573	284	0.720	283	0.787	289	0.905	313	0.874	275	0.850	207	0.766	203	0.576	178	0.562	150	0.551
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	96	0.540	67	0.540	48	0.530	35	0.665	33	0.760	40	0.760	94	0.775	267	0.824	337	0.915	287	1.019	276	0.964	269	0.961	261	0.876	290	0.576	296	0.573	284	0.720	283	0.787	289	0.905	313	0.874	275	0.850	207	0.766	203	0.576	178	0.562	150	0.551
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	96	0.540	67	0.540	48	0.530	35	0.665	33	0.760	40	0.760	94	0.775	267	0.824	337	0.915	287	1.019	276	0.964	269	0.961	261	0.876	290	0.576	296	0.573	284	0.720	283	0.787	289	0.905	313	0.874	275	0.850	207	0.766	203	0.576	178	0.562	150	0.551

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	48	0.530	34	0.530	24	0.530	17	0.652	17	0.746	20	0.746	47	0.760	134	0.790	168	0.877	144	0.977	138	0.944	135	0.941	130	0.840	145	0.554	148	0.551	142	0.691	142	0.771	145	0.867	157	0.837	138	0.832	104	0.734	101	0.543	89	0.540	75	0.540
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	48	0.530	34	0.530	24	0.530	17	0.652	17	0.746	20	0.746	47	0.760	134	0.790	168	0.877	144	0.977	138	0.944	135	0.941	130	0.840	145	0.554	148	0.551	142	0.691	142	0.771	145	0.867	157	0.837	138	0.832	104	0.734	101	0.543	89	0.540	75	0.540
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	48	0.530	34	0.530	24	0.530	17	0.652	17	0.746	20	0.746	47	0.760	134	0.790	168	0.877	144	0.977	138	0.944	135	0.941	130	0.840	145	0.554	148	0.551	142	0.691	142	0.771	145	0.867	157	0.837	138	0.832	104	0.734	101	0.543	89	0.540	75	0.540
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	48	0.530	34	0.530	24	0.530	17	0.652	17	0.746	20	0.746	47	0.760	134	0.790	168	0.877	144	0.977	138	0.944	135	0.941	130	0.840	145	0.554	148	0.551	142	0.691	142	0.771	145	0.867	157	0.837	138	0.832	104	0.734	101	0.543	89	0.540	75	0.540
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	476	0.645	333	0.636	238	0.636	168	0.715	164	0.767	199	0.798	468	0.810	1322	0.866	1586	0.862	1289	0.918	1266	0.901	1220	0.840	1228	0.796	1421	0.628	1473	0.687	1375	0.809	1319	0.791	1306	0.871	1435	0.852	1246	0.806	963	0.727	994	0.607	886	0.665	743	0.654
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	476	0.645	333	0.636	238	0.636	168	0.715	164	0.767	199	0.798	468	0.810	1322	0.866	1586	0.862	1289	0.918	1266	0.901	1220	0.840	1228	0.796	1421	0.628	1473	0.687	1375	0.809	1319	0.791	1306	0.871	1435	0.852	1246	0.806	963	0.727	994	0.607	886	0.665	743	0.654
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	476	0.645	333	0.636	238	0.636	168	0.715	164	0.767	199	0.798	468	0.810	1322	0.866	1586	0.862	1289	0.918	1266	0.901	1220	0.840	1228	0.796	1421	0.628	1473	0.687	1375	0.809	1319	0.791	1306	0.871	1435	0.852	1246	0.806	963	0.727	994	0.607	886	0.665	743	0.654
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	476	0.645	333	0.636	238	0.636	168	0.715	164	0.767	199	0.798	468	0.810	1322	0.866	1586	0.862	1289	0.918	1266	0.901	1220	0.840	1228	0.796	1421	0.628	1473	0.687	1375	0.809	1319	0.791	1306	0.871	1435	0.852	1246	0.806	963	0.727	994	0.607	886	0.665	743	0.654
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	476	0.645	333	0.636	238	0.636	168	0.715	164	0.767	199	0.798	468	0.810	1322	0.866	1586	0.862	1289	0.918	1266	0.901	1220	0.840	1228	0.796	1421	0.628	1473	0.687	1375	0.809	1319	0.791	1306	0.871	1435	0.852	1246	0.806	963	0.727	994	0.607	886	0.665	743	0.654
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	236	1.088	165	1.058	118	1.037	85	1.132	101	1.158	123	1.169	289	1.228	817	1.277	959	1.167	786	1.268	770	1.242	730	1.116	738	1.092	687	0.962	729	1.115	691	1.248	654	1.144	659	1.248	720	1.240	616	1.116	474	1.070	480	0.949	438	1.102	368	1.102
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	176	0.557	123	0.540	88	0.525	65	0.647	56	0.803	68	0.814	159	0.864	451	0.933	584	1.035	517	1.145	490	1.108	478	1.106	450	0.997	533	0.601	544	0.597	531	0.751	535	0.841	556	0.948	598	0.913	526	0.910	391	0.806	373	0.601	327	0.586	274	0.586
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	176	0.557	123	0.540	88	0.525	65	0.647	56	0.803	68	0.814	159	0.864	451	0.933	584	1.035	517	1.145	490	1.108	478	1.106	450	0.997	533	0.601	544	0.597	531	0.751	535	0.841	556	0.948	598	0.913	526	0.910	391	0.806	373	0.601	327	0.586	274	0.586
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	176	0.557	123	0.540	88	0.525	65	0.647	56	0.803	68	0.814	159	0.864	451	0.933	584	1.035	517	1.145	490	1.108	478	1.106	450	0.997	533	0.601	544	0.597	531	0.751	535	0.841	556	0.948	598	0.913	526	0.910	391	0.806	373	0.601	327	0.586	274	0.586
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	176	0.557	123	0.540	88	0.525	65	0.647	56	0.803	68	0.814	159	0.864	451	0.933	584	1.035	517	1.145	490	1.108	478	1.106	450	0.997	533	0.601	544	0.597	531	0.751	535	0.841	556	0.948	598	0.913	526	0.910	391	0.806	373	0.601	327	0.586	274	0.586
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	176	0.557	123	0.540	88	0.525	65	0.647	56	0.803	68	0.814	159	0.864	451	0.933	584	1.035	517	1.145	490	1.108	478	1.106	450	0.997	533	0.601	544	0.597	531	0.751	535	0.841	556	0.948	598	0.913	526	0.910	391	0.806	373	0.601	327	0.586	274	0.586
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	55	0.611	38	0.611	27	0.611	20	0.726	19	0.962	23	0.980	53	0.980	150	1.039	192	1.137	168	1.240	160	1.180	156	1.179	149	1.096	166	0.650	169	0.647	162	0.784	160	0.844	162	0.935	176	0.927	155	0.903	117	0.807	116	0.637	102	0.623	85	0.623
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	27	0.611	19	0.601	14	0.601	10	0.726	9	0.962	11	0.962	27	0.980	75	0.999	96	1.092	84	1.167	80	1.134	78	1.133	74	1.054	83	0.625	85	0.623	81	0.753	80	0.811	81	0.898	88	0.872	77	0.867	59	0.777	58	0.614	51	0.611	43	0.611
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	55	0.611	38	0.611	27	0.611	20	0.726	19	0.962	23	0.980	53	0.980	150	1.039	192	1.137	168	1.240	160	1.180	156	1.179	149	1.096	166	0.650	169	0.647	162	0.784	160	0.844	162	0.935	176	0.927	155	0.903	117	0.807	116	0.637	102	0.623	85	0.623
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	75	0.524	52	0.518	37	0.518	27	0.613	28	0.779	34	0.789	79	0.810	222	0.908	283	0.974	245	1.063	235	1.033	229	1.031	219	0.958	226	0.593	231	0.590	220	0.713	218	0.769	222	0.852	240	0.826	211	0.822	160	0.710	158	0.556	139	0.546	116	0.538
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	61	0.521	43	0.515	31	0.508	22	0.602	32	0.696	39	0.696	91	0.714	257	0.801	323	0.873	274	0.935	263	0.909	257	0.907	250	0.842	186	0.563	190	0.570	181	0.676	180	0.727	184	0.801	199	0.812	175	0.774	132	0.677	130	0.546	114	0.536	96	0.528
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	61	0.521	43	0.515	31	0.508	22	0.602	32	0.696	39	0.696	91	0.714	257	0.801	323	0.873	274	0.935	263	0.909	257	0.907	250	0.842	186	0.563	190	0.570	181	0.676	180	0.727	184	0.801	199	0.812	175	0.774	132	0.677	130	0.546	114	0.536	96	0.528
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	61	0.521	43	0.515	31	0.508	22	0.602	32	0.696	39	0.696	91	0.714	257	0.801	323	0.873	274	0.935	263	0.909	257	0.907	250	0.842	186	0.563	190	0.570	181	0.676	180	0.727	184	0.801	199	0.812	175	0.774	132	0.677	130	0.546	114	0.536	96	0.528
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	61	0.521	43	0.515	31	0.508	22	0.602	32	0.696	39	0.696	91	0.714	257	0.801	323	0.873	274	0.935	263	0.909	257	0.907	250	0.842	186	0.563	190	0.570	181	0.676	180	0.727	184	0.801	199	0.812	175	0.774	132	0.677	130	0.546	114	0.536	96	0.528
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	67	0.501	47	0.495	34	0.495	25	0.604	42	0.629	51	0.629	119	0.663	336	0.732	416	0.784	346	0.862	336	0.837	327	0.833	323	0.767	204	0.550	209	0.564	201	0.703	201	0.772	207	0.871	223	0.838	196	0.836	147	0.701	143	0.533	125	0.521	105	0.514
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	421	0.432	295	0.420	211	0.409	147	0.488	128	0.612	155	0.620	364	0.665	1030	0.700	1269	0.770	1073	0.872	1034	0.822	1000	0.814	983	0.736	1257	0.449	1303	0.458	1207	0.564	1164	0.606	1161	0.687	1267	0.661	1103	0.652	853	0.577	879	0.441	784	0.451	658	0.444
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	421	0.432	295	0.420	211	0.409	147	0.488	128	0.612	155	0.620	364	0.665	1030	0.700	1269	0.770	1073	0.872	1034	0.822	1000	0.814	983	0.736	1257	0.449	1303	0.458	1207	0.564	1164	0.606	1161	0.687	1267	0.661	1103	0.652	853	0.577	879	0.441	784	0.451	658	0.444
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.146	9	0.146	6	0.146	4	0.166	6	0.207	7	0.207	17	0.207	47	0.213	57	0.230	46	0.256	45	0.246	44	0.247	45	0.227	38	0.150	38	0.149	34	0.171	32	0.186	31	0.209	34	0.200	30	0.201	24	0.178	26	0.150	23	0.146	19	0.146
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.221	3	0.221	2	0.221	2	0.247	2	0.294	3	0.294	7	0.294	19	0.300	23	0.322	18	0.356	18	0.343	18	0.343	18	0.318	15	0.225	15	0.224	13	0.252	13	0.272	13	0.301	14	0.290	12	0.290	10	0.263	11	0.222	9	0.221	8	0.221
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.221	5	0.221	4	0.221	2	0.247	4	0.294	4	0.294	10	0.294	28	0.300	34	0.322	28	0.356	27	0.343	26	0.343	27	0.318	23	0.225	23	0.224	20	0.252	19	0.272	19	0.301	21	0.290	18	0.290	14	0.268	16	0.225	14	0.224	12	0.221
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	528	0.624	370	0.620	264	0.615	197	0.730	193	0.660	235	0.665	550	0.675	1556	0.717	1889	0.737	1587	0.805	1537	0.774	1474	0.745	1457	0.696	1558	0.617	1634	0.663	1614	0.796	1582	0.807	1647	0.892	1776	0.877	1532	0.837	1144	0.754	1089	0.599	983	0.639	824	0.634

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1484	0.022	1039	0.022	742	0.022	538	0.030	553	0.029	673	0.029	1579	0.029	4465	0.029	5554	0.030	4718	0.035	4541	0.033	4402	0.032	4301	0.029	4448	0.020	4594	0.022	4400	0.030	4315	0.031	4388	0.036	4766	0.035	4153	0.033	3146	0.029	3111	0.020	2763	0.022	2317	0.022
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1484	0.022	1039	0.022	742	0.022	538	0.030	553	0.029	673	0.029	1579	0.029	4465	0.029	5554	0.030	4718	0.035	4541	0.033	4402	0.032	4301	0.029	4448	0.020	4594	0.022	4400	0.030	4315	0.031	4388	0.036	4766	0.035	4153	0.033	3146	0.029	3111	0.020	2763	0.022	2317	0.022
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1484	0.022	1039	0.022	742	0.022	538	0.030	553	0.029	673	0.029	1579	0.029	4465	0.029	5554	0.030	4718	0.035	4541	0.033	4402	0.032	4301	0.029	4448	0.020	4594	0.022	4400	0.030	4315	0.031	4388	0.036	4766	0.035	4153	0.033	3146	0.029	3111	0.020	2763	0.022	2317	0.022
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1484	0.022	1039	0.022	742	0.022	538	0.030	553	0.029	673	0.029	1579	0.029	4465	0.029	5554	0.030	4718	0.035	4541	0.033	4402	0.032	4301	0.029	4448	0.020	4594	0.022	4400	0.030	4315	0.031	4388	0.036	4766	0.035	4153	0.033	3146	0.029	3111	0.020	2763	0.022	2317	0.022
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	357	0.041	250	0.040	178	0.039	131	0.054	142	0.043	173	0.043	406	0.045	1148	0.052	1410	0.057	1180	0.064	1144	0.060	1106	0.058	1091	0.049	1066	0.043	1105	0.047	1072	0.066	1049	0.068	1070	0.077	1163	0.078	1010	0.069	761	0.058	745	0.041	664	0.043	557	0.042
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	357	0.041	250	0.040	178	0.039	131	0.054	142	0.043	173	0.043	406	0.045	1148	0.052	1410	0.057	1180	0.064	1144	0.060	1106	0.058	1091	0.049	1066	0.043	1105	0.047	1072	0.066	1049	0.068	1070	0.077	1163	0.078	1010	0.069	761	0.058	745	0.041	664	0.043	557	0.042
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	357	0.041	250	0.040	178	0.039	131	0.054	142	0.043	173	0.043	406	0.045	1148	0.052	1410	0.057	1180	0.064	1144	0.060	1106	0.058	1091	0.049	1066	0.043	1105	0.047	1072	0.066	1049	0.068	1070	0.077	1163	0.078	1010	0.069	761	0.058	745	0.041	664	0.043	557	0.042
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	357	0.041	250	0.040	178	0.039	131	0.054	142	0.043	173	0.043	406	0.045	1148	0.052	1410	0.057	1180	0.064	1144	0.060	1106	0.058	1091	0.049	1066	0.043	1105	0.047	1072	0.066	1049	0.068	1070	0.077	1163	0.078	1010	0.069	761	0.058	745	0.041	664	0.043	557	0.042
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1127	0.020	789	0.020	564	0.020	407	0.028	411	0.028	500	0.028	1173	0.028	3317	0.028	4144	0.030	3538	0.035	3397	0.034	3296	0.033	3210	0.029	3383	0.019	3489	0.020	3328	0.028	3267	0.029	3318	0.034	3603	0.033	3144	0.032	2384	0.028	2366	0.019	2098	0.020	1760	0.020
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1127	0.020	789	0.020	564	0.020	407	0.028	411	0.028	500	0.028	1173	0.028	3317	0.028	4144	0.030	3538	0.035	3397	0.034	3296	0.033	3210	0.029	3383	0.019	3489	0.020	3328	0.028	3267	0.029	3318	0.034	3603	0.033	3144	0.032	2384	0.028	2366	0.019	2098	0.020	1760	0.020
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1127	0.020	789	0.020	564	0.020	407	0.028	411	0.028	500	0.028	1173	0.028	3317	0.028	4144	0.030	3538	0.035	3397	0.034	3296	0.033	3210	0.029	3383	0.019	3489	0.020	3328	0.028	3267	0.029	3318	0.034	3603	0.033	3144	0.032	2384	0.028	2366	0.019	2098	0.020	1760	0.020
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1127	0.020	789	0.020	564	0.020	407	0.028	411	0.028	500	0.028	1173	0.028	3317	0.028	4144	0.030	3538	0.035	3397	0.034	3296	0.033	3210	0.029	3383	0.019	3489	0.020	3328	0.028	3267	0.029	3318	0.034	3603	0.033	3144	0.032	2384	0.028	2366	0.019	2098	0.020	1760	0.020
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	291	0.020	204	0.019	146	0.019	103	0.027	111	0.033	135	0.034	317	0.038	896	0.051	1126	0.066	956	0.072	919	0.069	897	0.066	875	0.056	882	0.026	901	0.027	844	0.040	834	0.046	841	0.054	913	0.054	803	0.051	613	0.039	617	0.024	542	0.024	455	0.022
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	291	0.020	204	0.019	146	0.019	103	0.027	111	0.033	135	0.034	317	0.038	896	0.051	1126	0.066	956	0.072	919	0.069	897	0.066	875	0.056	882	0.026	901	0.027	844	0.040	834	0.046	841	0.054	913	0.054	803	0.051	613	0.039	617	0.024	542	0.024	455	0.022
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1419	0.018	993	0.018	709	0.018	510	0.026	522	0.027	635	0.027	1490	0.027	4213	0.027	5270	0.029	4494	0.033	4316	0.032	4193	0.031	4085	0.027	4265	0.017	4390	0.018	4171	0.026	4100	0.027	4159	0.031	4516	0.031	3947	0.030	2997	0.026	2983	0.017	2640	0.018	2215	0.018
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1419	0.018	993	0.018	709	0.018	510	0.026	522	0.027	635	0.027	1490	0.027	4213	0.027	5270	0.029	4494	0.033	4316	0.032	4193	0.031	4085	0.027	4265	0.017	4390	0.018	4171	0.026	4100	0.027	4159	0.031	4516	0.031	3947	0.030	2997	0.026	2983	0.017	2640	0.018	2215	0.018
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1468	0.016	1027	0.016	734	0.016	523	0.022	478	0.027	582	0.027	1364	0.027	3857	0.027	4822	0.030	4110	0.035	3947	0.033	3834	0.033	3740	0.028	4418	0.015	4542	0.016	4275	0.022	4227	0.025	4311	0.029	4655	0.028	4082	0.027	3103	0.024	3090	0.015	2732	0.016	2291	0.016
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1468	0.016	1027	0.016	734	0.016	523	0.022	478	0.027	582	0.027	1364	0.027	3857	0.027	4822	0.030	4110	0.035	3947	0.033	3834	0.033	3740	0.028	4418	0.015	4542	0.016	4275	0.022	4227	0.025	4311	0.029	4655	0.028	4082	0.027	3103	0.024	3090	0.015	2732	0.016	2291	0.016
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	223	0.025	156	0.025	112	0.024	83	0.035	64	0.036	78	0.036	184	0.037	520	0.042	658	0.050	564	0.057	541	0.055	527	0.053	510	0.045	677	0.029	690	0.028	675	0.042	688	0.049	723	0.059	772	0.056	680	0.054	504	0.044	473	0.027	415	0.026	348	0.026
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	223	0.025	156	0.025	112	0.024	83	0.035	64	0.036	78	0.036	184	0.037	520	0.042	658	0.050	564	0.057	541	0.055	527	0.053	510	0.045	677	0.029	690	0.028	675	0.042	688	0.049	723	0.059	772	0.056	680	0.054	504	0.044	473	0.027	415	0.026	348	0.026
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1245	0.016	871	0.016	622	0.016	440	0.022	413	0.028	503	0.028	1180	0.028	3337	0.028	4164	0.030	3546	0.036	3406	0.034	3307	0.033	3230	0.029	3741	0.015	3852	0.016	3600	0.022	3539	0.025	3588	0.029	3883	0.028	3402	0.027	2599	0.023	2617	0.015	2317	0.016	1943	0.016
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	216	0.033	151	0.032	108	0.031	74	0.040	76	0.051	92	0.051	217	0.055	613	0.068	747	0.071	630	0.081	608	0.077	585	0.070	579	0.063	639	0.033	667	0.039	607	0.051	576	0.049	570	0.058	623	0.055	540	0.049	423	0.042	447	0.030	401	0.037	337	0.035
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	216	0.033	151	0.032	108	0.031	74	0.040	76	0.051	92	0.051	217	0.055	613	0.068	747	0.071	630	0.081	608	0.077	585	0.070	579	0.063	639	0.033	667	0.039	607	0.051	576	0.049	570	0.058	623	0.055	540	0.049	423	0.042	447	0.030	401	0.037	337	0.035
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	296	0.027	207	0.026	148	0.025	107	0.037	88	0.043	107	0.043	252	0.048	712	0.063	895	0.076	760	0.086	733	0.082	714	0.078	692	0.067	896	0.037	916	0.037	872	0.056	865	0.066	879	0.078	953	0.078	837	0.074	633	0.056	627	0.033	551	0.032	462	0.031
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1756	0.017	1229	0.017	878	0.017	621	0.023	578	0.029	703	0.029	1649	0.029	4662	0.029	5807	0.031	4937	0.036	4747	0.035	4605	0.033	4500	0.029	5276	0.016	5435	0.017	5078	0.023	4980	0.025	5036	0.030	5459	0.029	4779	0.027	3655	0.024	3690	0.016	3269	0.017	2742	0.017
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1756	0.017	1229	0.017	878	0.017	621	0.023	578	0.029	703	0.029	1649	0.029	4662	0.029	5807	0.031	4937	0.036	4747	0.035	4605	0.033	4500	0.029	5276	0.016	5435	0.017	5078	0.023	4980	0.025	5036	0.030	5459	0.029	4779	0.027	3655	0.024	3690	0.016	3269	0.017	2742	0.017
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1756	0.017	1229	0.017	878	0.017	621	0.023	578	0.029	703	0.029	1649	0.029	4662	0.029	5807	0.031	4937	0.036	4747	0.035	4605	0.033	4500	0.029	5276	0.016	5435	0.017	5078	0.023	4980	0.025	5036	0.030	5459	0.029	4779	0.027	3655	0.024	3690	0.016	3269	0.017	2742	0.017
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	528	0.045	370	0.044	264	0.043	197	0.057	193	0.045	235	0.046	550	0.048	1556	0.058	1889	0.063	1587	0.070	1537	0.066	1474	0.062	1457	0.056	1558	0.050	1634	0.054	1614	0.074	1582	0.076	1647	0.086	1776	0.087	1532	0.081	1144	0.066	1089	0.046	983	0.049	824	0.048
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	528	0.045	370	0.044	264	0.043	197	0.057	193	0.045	235	0.046	550	0.048	1556	0.058	1889	0.063	1587	0.070	1537	0.066	1474	0.062	1457	0.056	1558	0.050	1634	0.054	1614	0.074	1582	0.076	1647	0.086	1776	0.087	1532	0.081	1144	0.066	1089	0.046	983	0.049	824	0.048
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	415	0.039	291	0.038	208	0.037	149	0.047	136	0.059	165	0.059	388	0.063	1097	0.076	1341	0.082	1159	0.090	1111	0.084	1058	0.080	1027	0.070	1217	0.041	1284	0.047	1222	0.061	1176	0.061	1204	0.072	1302	0.070	1121	0.064	855	0.054	851	0.038	772	0.043	648	0.041
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	415	0.039	291	0.038	208	0.037	149	0.047	136	0.059	165	0.059	388	0.063	1097	0.076	1341	0.082	1159	0.090	1111	0.084	1058	0.080	1027	0.070	1217	0.041	1284	0.047	1222	0.061	1176	0.061	1204	0.072	1302	0.070	1121	0.064	855	0.054	851	0.038	772	0.043	648	0.041
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	390	0.045	273	0.044	195	0.043	146	0.057	155	0.048	188	0.048	442	0.052	1249	0.064	1528	0.072	1299	0.077	1253	0.075	1202	0.072	1177	0.062	1148	0.052	1206	0.056	1197	0.077	1173	0.080	1225	0.090	1320	0.091	1137	0.082	848	0.069	803	0.048	725	0.050	608	0.048
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	390	0.045	273	0.044	195	0.043	146	0.057	155	0.048	188	0.048	442	0.052	1249	0.064	1528	0.072	1299	0.077	1253	0.075	1202	0.072	1177	0.062	1148	0.052	1206	0.056	1197	0.077	1173	0.080	1225	0.090	1320	0.091	1137	0.082	848	0.069	803	0.048	725	0.050	608	0.048
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	390	0.045	273	0.044	195	0.043	146	0.057	155	0.048	188	0.048	442	0.052	1249	0.064	1528	0.072	1299	0.077	1253	0.075	1202	0.072	1177	0.062	1148	0.052	1206	0.056	1197	0.077	1173	0.080	1225	0.090	1320	0.091	1137	0.082	848	0.069	803	0.048	725	0.050	608	0.048
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	390	0.045	273	0.044	195	0.043	146	0.057	155	0.048	188	0.048	442	0.052	1249	0.064	1528	0.072	1299	0.077	1253	0.075	1202	0.072	1177	0.062	1148	0.052	1206	0.056	1197	0.077	1173	0.080	1225	0.090	1320	0.091	1137	0.082	848	0.069	803	0.048	725	0.050	608	0.048
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	390	0.045	273	0.044	195	0.043	146	0.057	155	0.048	188	0.048	442	0.052	1249	0.064	1528	0.072	1299	0.077	1253	0.075	1202	0.072	1177	0.062	1148	0.052	1206	0.056	1197	0.077	1173	0.080	1225	0.090	1320	0.091	1137	0.082	848	0.069	803	0.048	725	0.050	608	0.048
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	220	0.046	154	0.045	110	0.044	81	0.055	79	0.064	96	0.064	225	0.067	637	0.076	776	0.081	680	0.088	650	0.086	614	0.080	592	0.073	635	0.044	681	0.051	663	0.065	636	0.065	664	0.073	714	0.073	609	0.067	460	0.058	444	0.042	409	0.048	343	0.047
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	220	0.046	154	0.045	110	0.044	81	0.055	79	0.064	96	0.064	225	0.067	637	0.076	776	0.081	680	0.088	650	0.086	614	0.080	592	0.073	635	0.044	681	0.051	663	0.065	636	0.065	664	0.073	714	0.073	609	0.067	460	0.058	444	0.042	409	0.048	343	0.047
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	220	0.046	154	0.045	110	0.044	81	0.055	79	0.064	96	0.064	225	0.067	637	0.076	776	0.081	680	0.088	650	0.086	614	0.080	592	0.073	635	0.044	681	0.051	663	0.065	636	0.065	664	0.073	714	0.073	609	0.067	460	0.058	444	0.042	409	0.048	343	0.047
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	516	0.037	361	0.035	258	0.034	188	0.045	167	0.054	204	0.054	477	0.060	1349	0.076	1671	0.086	1441	0.095	1383	0.089	1328	0.087	1284	0.074	1531	0.043	1596	0.046	1534	0.064	1501	0.068	1543	0.082	1666	0.082	1445	0.074	1093	0.060	1071	0.039	960	0.041	805	0.040
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	516	0.037	361	0.035	258	0.034	188	0.045	167	0.054	204	0.054	477	0.060	1349	0.076	1671	0.086	1441	0.095	1383	0.089	1328	0.087	1284	0.074	1531	0.043	1596	0.046	1534	0.064	1501	0.068	1543	0.082	1666	0.082	1445	0.074	1093	0.060	1071	0.039	960	0.041	805	0.040
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	516	0.037	361	0.035	258	0.034	188	0.045	167	0.054	204	0.054	477	0.060	1349	0.076	1671	0.086	1441	0.095	1383	0.089	1328	0.087	1284	0.074	1531	0.043	1596	0.046	1534	0.064	1501	0.068	1543	0.082	1666	0.082	1445	0.074	1093	0.060	1071	0.039	960	0.041	805	0.040
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	193	0.053	135	0.053	96	0.051	74	0.066	89	0.054	108	0.054	253	0.056	715	0.066	881	0.070	755	0.080	725	0.075	697	0.071	679	0.062	569	0.054	597	0.059	602	0.079	599	0.080	638	0.093	681	0.090	588	0.084	433	0.072	398	0.052	359	0.055	301	0.055
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	193	0.053	135	0.053	96	0.051	74	0.066	89	0.054	108	0.054	253	0.056	715	0.066	881	0.070	755	0.080	725	0.075	697	0.071	679	0.062	569	0.054	597	0.059	602	0.079	599	0.080	638	0.093	681	0.090	588	0.084	433	0.072	398	0.052	359	0.055	301	0.055
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	328	0.041	230	0.040	164	0.039	119	0.051	112	0.051	137	0.052	321	0.055	907	0.064	1109	0.071	946	0.080	911	0.077	873	0.071	854	0.063	968	0.043	1015	0.049	976	0.066	952	0.068	984	0.079	1060	0.078	917	0.073	693	0.059	677	0.040	611	0.044	512	0.043
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	328	0.041	230	0.040	164	0.039	119	0.051	112	0.051	137	0.052	321	0.055	907	0.064	1109	0.071	946	0.080	911	0.077	873	0.071	854	0.063	968	0.043	1015	0.049	976	0.066	952	0.068	984	0.079	1060	0.078	917	0.073	693	0.059	677	0.040	611	0.044	512	0.043
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	191	0.050	134	0.050	96	0.049	73	0.063	93	0.052	114	0.052	267	0.055	754	0.064	932	0.071	796	0.079	766	0.077	738	0.072	718	0.064	567	0.053	592	0.057	600	0.076	602	0.079	643	0.092	685	0.089	593	0.084	435	0.071	397	0.050	356	0.053	299	0.053
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	191	0.050	134	0.050	96	0.049	73	0.063	93	0.052	114	0.052	267	0.055	754	0.064	932	0.071	796	0.079	766	0.077	738	0.072	718	0.064	567	0.053	592	0.057	600	0.076	602	0.079	643	0.092	685	0.089	593	0.084	435	0.071	397	0.050	356	0.053	299	0.053
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	191	0.050	134	0.050	96	0.049	73	0.063	93	0.052	114	0.052	267	0.055	754	0.064	932	0.071	796	0.079	766	0.077	738	0.072	718	0.064	567	0.053	592	0.057	600	0.076	602	0.079	643	0.092	685	0.089	593	0.084	435	0.071	397	0.050	356	0.053	299	0.053
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	191	0.050	134	0.050	96	0.049	73	0.063	93	0.052	114	0.052	267	0.055	754	0.064	932	0.071	796	0.079	766	0.077	738	0.072	718	0.064	567	0.053	592	0.057	600	0.076	602	0.079	643	0.092	685	0.089	593	0.084	435	0.071	397	0.050	356	0.053	299	0.053
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	293	0.036	205	0.035	147	0.035	106	0.046	117	0.046	142	0.047	333	0.050	942	0.060	1161	0.066	984	0.075	949	0.072	915	0.069	898	0.059	874	0.039	908	0.043	868	0.059	854	0.063	880	0.077	947	0.073	825	0.068	623	0.055	611	0.037	546	0.039	458	0.038
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	293	0.036	205	0.035	147	0.035	106	0.046	117	0.046	142	0.047	333	0.050	942	0.060	1161	0.066	984	0.075	949	0.072	915	0.069	898	0.059	874	0.039	908	0.043	868	0.059	854	0.063	880	0.077	947	0.073	825	0.068	623	0.055	611	0.037	546	0.039	458	0.038
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	293	0.036	205	0.035	147	0.035	106	0.046	117	0.046	142	0.047	333	0.050	942	0.060	1161	0.066	984	0.075	949	0.072	915	0.069	898	0.059	874	0.039	908	0.043	868	0.059	854	0.063	880	0.077	947	0.073	825	0.068	623	0.055	611	0.037	546	0.039	458	0.038
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	183	0.048	128	0.047	92	0.047	69	0.061	101	0.048	123	0.048	290	0.050	819	0.060	1005	0.065	849	0.073	820	0.071	791	0.068	776	0.058	541	0.049	566	0.054	566	0.071	565	0.074	601	0.087	641	0.086	555	0.078	410	0.067	379	0.046	341	0.050	286	0.049
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	293	0.036	205	0.035	147	0.035	106	0.046	117	0.046	142	0.047	333	0.050	942	0.060	1161	0.066	984	0.075	949	0.072	915	0.069	898	0.059	874	0.039	908	0.043	868	0.059	854	0.063	880	0.077	947	0.073	825	0.068	623	0.055	611	0.037	546	0.039	458	0.038
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	151	0.051	106	0.050	76	0.050	55	0.061	50	0.066	61	0.066	143	0.068	405	0.072	495	0.073	440	0.081	418	0.079	394	0.073	376	0.068	432	0.046	468	0.054	453	0.068	424	0.062	437	0.070	473	0.069	400	0.062	305	0.057	302	0.044	282	0.052	236	0.052
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	73	0.061	51	0.061	36	0.060	28	0.072	27	0.063	33	0.063	76	0.065	216	0.068	268	0.065	234	0.072	223	0.070	213	0.065	205	0.061	212	0.055	225	0.064	225	0.077	220	0.072	232	0.079	249	0.078	213	0.072	158	0.066	148	0.054	135	0.063	113	0.061
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.031	27	0.031	19	0.029	13	0.045	16	0.067	19	0.067	45	0.070	127	0.076	160	0.095	138	0.116	131	0.104	129	0.104	125	0.088	117	0.034	119	0.033	109	0.049	108	0.062	108	0.078	117	0.072	103	0.069	80	0.057	82	0.033	72	0.032	60	0.031
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.031	27	0.031	19	0.029	13	0.045	16	0.067	19	0.067	45	0.070	127	0.076	160	0.095	138	0.116	131	0.104	129	0.104	125	0.088	117	0.034	119	0.033	109	0.049	108	0.062	108	0.078	117	0.072	103	0.069	80	0.057	82	0.033	72	0.032	60	0.031
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	225	0.093	157	0.093	112	0.093	79	0.119	79	0.146	97	0.146	227	0.147	641	0.149	756	0.158	639	0.186	617	0.175	581	0.168	580	0.148	645	0.082	695	0.095	643	0.122	597	0.122	601	0.145	653	0.138	554	0.128	434	0.114	451	0.081	418	0.094	351	0.094
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	225	0.093	157	0.093	112	0.093	79	0.119	79	0.146	97	0.146	227	0.147	641	0.149	756	0.158	639	0.186	617	0.175	581	0.168	580	0.148	645	0.082	695	0.095	643	0.122	597	0.122	601	0.145	653	0.138	554	0.128	434	0.114	451	0.081	418	0.094	351	0.094
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.078	209	0.078	150	0.078	104	0.102	105	0.129	128	0.129	299	0.129	846	0.135	1007	0.145	844	0.171	816	0.161	775	0.154	777	0.135	870	0.071	926	0.082	849	0.106	794	0.109	792	0.130	864	0.124	739	0.115	580	0.100	609	0.069	557	0.079	467	0.079
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	670	0.035	469	0.033	335	0.032	241	0.044	232	0.045	282	0.045	662	0.048	1870	0.059	2294	0.065	1944	0.073	1874	0.071	1804	0.068	1772	0.058	1988	0.038	2074	0.043	1974	0.059	1919	0.061	1958	0.070	2121	0.070	1839	0.065	1399	0.052	1391	0.036	1247	0.038	1046	0.037
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	290	0.215	203	0.215	145	0.206	106	0.251	96	0.270	117	0.273	274	0.288	774	0.300	896	0.297	772	0.333	745	0.324	687	0.302	677	0.277	811	0.192	899	0.223	870	0.275	789	0.263	804	0.293	878	0.288	728	0.262	563	0.242	567	0.189	540	0.220	453	0.217
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	290	0.215	203	0.215	145	0.206	106	0.251	96	0.270	117	0.273	274	0.288	774	0.300	896	0.297	772	0.333	745	0.324	687	0.302	677	0.277	811	0.192	899	0.223	870	0.275	789	0.263	804	0.293	878	0.288	728	0.262	563	0.242	567	0.189	540	0.220	453	0.217
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	290	0.215	203	0.215	145	0.206	106	0.251	96	0.270	117	0.273	274	0.288	774	0.300	896	0.297	772	0.333	745	0.324	687	0.302	677	0.277	811	0.192	899	0.223	870	0.275	789	0.263	804	0.293	878	0.288	728	0.262	563	0.242	567	0.189	540	0.220	453	0.217
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	290	0.215	203	0.215	145	0.206	106	0.251	96	0.270	117	0.273	274	0.288	774	0.300	896	0.297	772	0.333	745	0.324	687	0.302	677	0.277	811	0.192	899	0.223	870	0.275	789	0.263	804	0.293	878	0.288	728	0.262	563	0.242	567	0.189	540	0.220	453	0.217
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	165	0.298	116	0.290	83	0.285	61	0.320	59	0.317	71	0.319	168	0.334	474	0.344	520	0.333	453	0.360	435	0.353	387	0.329	387	0.312	433	0.261	511	0.308	502	0.351	433	0.325	453	0.355	490	0.353	390	0.321	304	0.307	303	0.261	307	0.305	258	0.302
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	138	0.088	97	0.086	69	0.085	49	0.132	40	0.185	49	0.185	115	0.194	326	0.214	409	0.238	349	0.275	337	0.266	327	0.262	315	0.226	416	0.097	427	0.098	404	0.154	390	0.165	384	0.188	424	0.186	370	0.180	284	0.150	291	0.095	257	0.096	215	0.096
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	421	0.095	295	0.093	211	0.091	147	0.132	128	0.175	155	0.177	364	0.188	1030	0.198	1269	0.229	1073	0.277	1034	0.257	1000	0.253	983	0.216	1257	0.098	1303	0.101	1207	0.151	1164	0.170	1161	0.207	1267	0.195	1103	0.191	853	0.159	879	0.096	784	0.100	658	0.098
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	421	0.095	295	0.093	211	0.091	147	0.132	128	0.175	155	0.177	364	0.188	1030	0.198	1269	0.229	1073	0.277	1034	0.257	1000	0.253	983	0.216	1257	0.098	1303	0.101	1207	0.151	1164	0.170	1161	0.207	1267	0.195	1103	0.191	853	0.159	879	0.096	784	0.100	658	0.098
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	421	0.095	295	0.093	211	0.091	147	0.132	128	0.175	155	0.177	364	0.188	1030	0.198	1269	0.229	1073	0.277	1034	0.257	1000	0.253	983	0.216	1257	0.098	1303	0.101	1207	0.151	1164	0.170	1161	0.207	1267	0.195	1103	0.191	853	0.159	879	0.096	784	0.100	658	0.098
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	651	0.102	455	0.102	325	0.097	228	0.133	205	0.176	249	0.178	584	0.191	1653	0.200	2006	0.226	1700	0.266	1638	0.252	1567	0.246	1548	0.212	1915	0.099	2013	0.107	1864	0.151	1773	0.165	1775	0.198	1934	0.188	1670	0.182	1296	0.153	1340	0.098	1211	0.105	1016	0.104
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	192	0.110	134	0.106	96	0.103	70	0.157	66	0.173	81	0.175	189	0.186	534	0.197	674	0.232	575	0.277	553	0.263	538	0.261	522	0.219	580	0.118	593	0.119	569	0.182	567	0.209	579	0.249	627	0.237	550	0.235	414	0.196	406	0.118	357	0.117	299	0.115
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	192	0.110	134	0.106	96	0.103	70	0.157	66	0.173	81	0.175	189	0.186	534	0.197	674	0.232	575	0.277	553	0.263	538	0.261	522	0.219	580	0.118	593	0.119	569	0.182	567	0.209	579	0.249	627	0.237	550	0.235	414	0.196	406	0.118	357	0.117	299	0.115
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	96	0.119	67	0.119	48	0.117	35	0.179	33	0.197	40	0.197	94	0.200	267	0.211	337	0.249	287	0.297	276	0.277	269	0.275	261	0.234	290	0.126	296	0.125	284	0.192	283	0.220	289	0.267	313	0.255	275	0.247	207	0.210	203	0.126	178	0.123	150	0.121
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	96	0.119	67	0.119	48	0.117	35	0.179	33	0.197	40	0.197	94	0.200	267	0.211	337	0.249	287	0.297	276	0.277	269	0.275	261	0.234	290	0.126	296	0.125	284	0.192	283	0.220	289	0.267	313	0.255	275	0.247	207	0.210	203	0.126	178	0.123	150	0.121
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	96	0.119	67	0.119	48	0.117	35	0.179	33	0.197	40	0.197	94	0.200	267	0.211	337	0.249	287	0.297	276	0.277	269	0.275	261	0.234	290	0.126	296	0.125	284	0.192	283	0.220	289	0.267	313	0.255	275	0.247	207	0.210	203	0.126	178	0.123	150	0.121

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	48	0.117	34	0.117	24	0.117	17	0.176	17	0.194	20	0.194	47	0.197	134	0.203	168	0.240	144	0.287	138	0.272	135	0.270	130	0.226	145	0.122	148	0.121	142	0.185	142	0.216	145	0.258	157	0.246	138	0.243	104	0.202	101	0.120	89	0.119	75	0.119
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	48	0.117	34	0.117	24	0.117	17	0.176	17	0.194	20	0.194	47	0.197	134	0.203	168	0.240	144	0.287	138	0.272	135	0.270	130	0.226	145	0.122	148	0.121	142	0.185	142	0.216	145	0.258	157	0.246	138	0.243	104	0.202	101	0.120	89	0.119	75	0.119
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	48	0.117	34	0.117	24	0.117	17	0.176	17	0.194	20	0.194	47	0.197	134	0.203	168	0.240	144	0.287	138	0.272	135	0.270	130	0.226	145	0.122	148	0.121	142	0.185	142	0.216	145	0.258	157	0.246	138	0.243	104	0.202	101	0.120	89	0.119	75	0.119
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	48	0.117	34	0.117	24	0.117	17	0.176	17	0.194	20	0.194	47	0.197	134	0.203	168	0.240	144	0.287	138	0.272	135	0.270	130	0.226	145	0.122	148	0.121	142	0.185	142	0.216	145	0.258	157	0.246	138	0.243	104	0.202	101	0.120	89	0.119	75	0.119
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	476	0.156	333	0.155	238	0.155	168	0.197	164	0.192	199	0.198	468	0.201	1322	0.212	1586	0.205	1289	0.233	1266	0.227	1220	0.203	1228	0.182	1421	0.139	1473	0.165	1375	0.219	1319	0.209	1306	0.240	1435	0.234	1246	0.213	963	0.186	994	0.135	886	0.160	743	0.158
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	476	0.156	333	0.155	238	0.155	168	0.197	164	0.192	199	0.198	468	0.201	1322	0.212	1586	0.205	1289	0.233	1266	0.227	1220	0.203	1228	0.182	1421	0.139	1473	0.165	1375	0.219	1319	0.209	1306	0.240	1435	0.234	1246	0.213	963	0.186	994	0.135	886	0.160	743	0.158
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	476	0.156	333	0.155	238	0.155	168	0.197	164	0.192	199	0.198	468	0.201	1322	0.212	1586	0.205	1289	0.233	1266	0.227	1220	0.203	1228	0.182	1421	0.139	1473	0.165	1375	0.219	1319	0.209	1306	0.240	1435	0.234	1246	0.213	963	0.186	994	0.135	886	0.160	743	0.158
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	476	0.156	333	0.155	238	0.155	168	0.197	164	0.192	199	0.198	468	0.201	1322	0.212	1586	0.205	1289	0.233	1266	0.227	1220	0.203	1228	0.182	1421	0.139	1473	0.165	1375	0.219	1319	0.209	1306	0.240	1435	0.234	1246	0.213	963	0.186	994	0.135	886	0.160	743	0.158
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	476	0.156	333	0.155	238	0.155	168	0.197	164	0.192	199	0.198	468	0.201	1322	0.212	1586	0.205	1289	0.233	1266	0.227	1220	0.203	1228	0.182	1421	0.139	1473	0.165	1375	0.219	1319	0.209	1306	0.240	1435	0.234	1246	0.213	963	0.186	994	0.135	886	0.160	743	0.158
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	236	0.314	165	0.307	118	0.303	85	0.355	101	0.342	123	0.344	289	0.358	817	0.369	959	0.319	786	0.365	770	0.354	730	0.301	738	0.288	687	0.252	729	0.320	691	0.382	654	0.336	659	0.381	720	0.375	616	0.323	474	0.305	480	0.249	438	0.317	368	0.317
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	176	0.136	123	0.132	88	0.129	65	0.193	56	0.242	68	0.244	159	0.257	451	0.275	584	0.321	517	0.376	490	0.358	478	0.357	450	0.306	533	0.147	544	0.145	531	0.219	535	0.258	556	0.308	598	0.292	526	0.290	391	0.244	373	0.147	327	0.143	274	0.143
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	176	0.136	123	0.132	88	0.129	65	0.193	56	0.242	68	0.244	159	0.257	451	0.275	584	0.321	517	0.376	490	0.358	478	0.357	450	0.306	533	0.147	544	0.145	531	0.219	535	0.258	556	0.308	598	0.292	526	0.290	391	0.244	373	0.147	327	0.143	274	0.143
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	176	0.136	123	0.132	88	0.129	65	0.193	56	0.242	68	0.244	159	0.257	451	0.275	584	0.321	517	0.376	490	0.358	478	0.357	450	0.306	533	0.147	544	0.145	531	0.219	535	0.258	556	0.308	598	0.292	526	0.290	391	0.244	373	0.147	327	0.143	274	0.143
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	176	0.136	123	0.132	88	0.129	65	0.193	56	0.242	68	0.244	159	0.257	451	0.275	584	0.321	517	0.376	490	0.358	478	0.357	450	0.306	533	0.147	544	0.145	531	0.219	535	0.258	556	0.308	598	0.292	526	0.290	391	0.244	373	0.147	327	0.143	274	0.143
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	176	0.136	123	0.132	88	0.129	65	0.193	56	0.242	68	0.244	159	0.257	451	0.275	584	0.321	517	0.376	490	0.358	478	0.357	450	0.306	533	0.147	544	0.145	531	0.219	535	0.258	556	0.308	598	0.292	526	0.290	391	0.244	373	0.147	327	0.143	274	0.143
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	55	0.122	38	0.122	27	0.122	20	0.185	19	0.247	23	0.251	53	0.251	150	0.264	192	0.311	168	0.367	160	0.342	156	0.341	149	0.295	166	0.130	169	0.129	162	0.198	160	0.227	162	0.271	176	0.263	155	0.255	117	0.212	116	0.128	102	0.125	85	0.125
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	27	0.122	19	0.120	14	0.120	10	0.185	9	0.247	11	0.247	27	0.251	75	0.255	96	0.300	84	0.349	80	0.331	78	0.330	74	0.285	83	0.126	85	0.125	81	0.191	80	0.219	81	0.262	88	0.249	77	0.246	59	0.205	58	0.124	51	0.122	43	0.122
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	55	0.122	38	0.122	27	0.122	20	0.185	19	0.247	23	0.251	53	0.251	150	0.264	192	0.311	168	0.367	160	0.342	156	0.341	149	0.295	166	0.130	169	0.129	162	0.198	160	0.227	162	0.271	176	0.263	155	0.255	117	0.212	116	0.128	102	0.125	85	0.125
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	75	0.104	52	0.103	37	0.103	27	0.157	28	0.199	34	0.201	79	0.205	222	0.227	283	0.263	245	0.312	235	0.296	229	0.294	219	0.253	226	0.118	231	0.117	220	0.179	218	0.206	222	0.247	240	0.235	211	0.232	160	0.187	158	0.111	139	0.108	116	0.107
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	61	0.096	43	0.095	31	0.094	22	0.144	32	0.156	39	0.156	91	0.159	257	0.177	323	0.209	274	0.246	263	0.233	257	0.232	250	0.197	186	0.104	190	0.104	181	0.159	180	0.183	184	0.220	199	0.217	175	0.207	132	0.168	130	0.101	114	0.099	96	0.098
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	61	0.096	43	0.095	31	0.094	22	0.144	32	0.156	39	0.156	91	0.159	257	0.177	323	0.209	274	0.246	263	0.233	257	0.232	250	0.197	186	0.104	190	0.104	181	0.159	180	0.183	184	0.220	199	0.217	175	0.207	132	0.168	130	0.101	114	0.099	96	0.098
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	61	0.096	43	0.095	31	0.094	22	0.144	32	0.156	39	0.156	91	0.159	257	0.177	323	0.209	274	0.246	263	0.233	257	0.232	250	0.197	186	0.104	190	0.104	181	0.159	180	0.183	184	0.220	199	0.217	175	0.207	132	0.168	130	0.101	114	0.099	96	0.098
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	61	0.096	43	0.095	31	0.094	22	0.144	32	0.156	39	0.156	91	0.159	257	0.177	323	0.209	274	0.246	263	0.233	257	0.232	250	0.197	186	0.104	190	0.104	181	0.159	180	0.183	184	0.220	199	0.217	175	0.207	132	0.168	130	0.101	114	0.099	96	0.098
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	67	0.115	47	0.114	34	0.114	25	0.172	42	0.144	51	0.144	119	0.151	336	0.166	416	0.192	346	0.232	336	0.220	327	0.218	323	0.183	204	0.126	209	0.128	201	0.196	201	0.229	207	0.276	223	0.261	196	0.259	147	0.206	143	0.122	125	0.119	105	0.117
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	421	0.095	295	0.093	211	0.091	147	0.132	128	0.175	155	0.177	364	0.188	1030	0.198	1269	0.229	1073	0.277	1034	0.257	1000	0.253	983	0.216	1257	0.098	1303	0.101	1207	0.151	1164	0.170	1161	0.207	1267	0.195	1103	0.191	853	0.159	879	0.096	784	0.100	658	0.098
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	421	0.095	295	0.093	211	0.091	147	0.132	128	0.175	155	0.177	364	0.188	1030	0.198	1269	0.229	1073	0.277	1034	0.257	1000	0.253	983	0.216	1257	0.098	1303	0.101	1207	0.151	1164	0.170	1161	0.207	1267	0.195	1103	0.191	853	0.159	879	0.096	784	0.100	658	0.098
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.009	9	0.009	6	0.009	4	0.011	6	0.014	7	0.014	17	0.014	47	0.014	57	0.017	46	0.021	45	0.019	44	0.019	45	0.016	38	0.009	38	0.009	34	0.012	32	0.014	31	0.017	34	0.016	30	0.016	24	0.013	26	0.009	23	0.009	19	0.009
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.031	18	0.039	18	0.036	18	0.036	18	0.030	15	0.016	15	0.016	13	0.022	13	0.026	13	0.033	14	0.030	12	0.030	10	0.025	11	0.016	9	0.016	8	0.016
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.031	28	0.039	27	0.036	26	0.036	27	0.030	23	0.016	23	0.016	20	0.022	19	0.026	19	0.033	21	0.030	18	0.030	14	0.026	16	0.016	14	0.016	12	0.016
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	528	0.186	370	0.185	264	0.184	197	0.242	193	0.193	235	0.194	550	0.196	1556	0.206	1889	0.214	1587	0.250	1537	0.237	1474	0.224	1457	0.198	1558	0.176	1634	0.195	1614	0.259	1582	0.267	1647	0.308	1776	0.299	1532	0.283	1144	0.247	1089	0.172	983	0.189	824	0.188

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1484	0.007	1039	0.007	742	0.007	538	0.009	553	0.008	673	0.008	1579	0.008	4465	0.008	5554	0.009	4718	0.010	4541	0.010	4402	0.009	4301	0.008	4448	0.007	4594	0.007	4400	0.009	4315	0.009	4388	0.010	4766	0.010	4153	0.010	3146	0.009	3111	0.007	2763	0.007	2317	0.007
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1484	0.007	1039	0.007	742	0.007	538	0.009	553	0.008	673	0.008	1579	0.008	4465	0.008	5554	0.009	4718	0.010	4541	0.010	4402	0.009	4301	0.008	4448	0.007	4594	0.007	4400	0.009	4315	0.009	4388	0.010	4766	0.010	4153	0.010	3146	0.009	3111	0.007	2763	0.007	2317	0.007
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1484	0.007	1039	0.007	742	0.007	538	0.009	553	0.008	673	0.008	1579	0.008	4465	0.008	5554	0.009	4718	0.010	4541	0.010	4402	0.009	4301	0.008	4448	0.007	4594	0.007	4400	0.009	4315	0.009	4388	0.010	4766	0.010	4153	0.010	3146	0.009	3111	0.007	2763	0.007	2317	0.007
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1484	0.007	1039	0.007	742	0.007	538	0.009	553	0.008	673	0.008	1579	0.008	4465	0.008	5554	0.009	4718	0.010	4541	0.010	4402	0.009	4301	0.008	4448	0.007	4594	0.007	4400	0.009	4315	0.009	4388	0.010	4766	0.010	4153	0.010	3146	0.009	3111	0.007	2763	0.007	2317	0.007
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	357	0.008	250	0.008	178	0.008	131	0.011	142	0.008	173	0.008	406	0.009	1148	0.009	1410	0.010	1180	0.011	1144	0.011	1106	0.011	1091	0.009	1066	0.009	1105	0.009	1072	0.012	1049	0.012	1070	0.014	1163	0.014	1010	0.013	761	0.011	745	0.008	664	0.008	557	0.008
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	357	0.008	250	0.008	178	0.008	131	0.011	142	0.008	173	0.008	406	0.009	1148	0.009	1410	0.010	1180	0.011	1144	0.011	1106	0.011	1091	0.009	1066	0.009	1105	0.009	1072	0.012	1049	0.012	1070	0.014	1163	0.014	1010	0.013	761	0.011	745	0.008	664	0.008	557	0.008
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	357	0.008	250	0.008	178	0.008	131	0.011	142	0.008	173	0.008	406	0.009	1148	0.009	1410	0.010	1180	0.011	1144	0.011	1106	0.011	1091	0.009	1066	0.009	1105	0.009	1072	0.012	1049	0.012	1070	0.014	1163	0.014	1010	0.013	761	0.011	745	0.008	664	0.008	557	0.008
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	357	0.008	250	0.008	178	0.008	131	0.011	142	0.008	173	0.008	406	0.009	1148	0.009	1410	0.010	1180	0.011	1144	0.011	1106	0.011	1091	0.009	1066	0.009	1105	0.009	1072	0.012	1049	0.012	1070	0.014	1163	0.014	1010	0.013	761	0.011	745	0.008	664	0.008	557	0.008
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1127	0.007	789	0.007	564	0.007	407	0.009	411	0.009	500	0.009	1173	0.009	3317	0.008	4144	0.009	3538	0.010	3397	0.010	3296	0.010	3210	0.009	3383	0.006	3489	0.007	3328	0.009	3267	0.009	3318	0.010	3603	0.010	3144	0.010	2384	0.009	2366	0.007	2098	0.007	1760	0.007
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1127	0.007	789	0.007	564	0.007	407	0.009	411	0.009	500	0.009	1173	0.009	3317	0.008	4144	0.009	3538	0.010	3397	0.010	3296	0.010	3210	0.009	3383	0.006	3489	0.007	3328	0.009	3267	0.009	3318	0.010	3603	0.010	3144	0.010	2384	0.009	2366	0.007	2098	0.007	1760	0.007
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1127	0.007	789	0.007	564	0.007	407	0.009	411	0.009	500	0.009	1173	0.009	3317	0.008	4144	0.009	3538	0.010	3397	0.010	3296	0.010	3210	0.009	3383	0.006	3489	0.007	3328	0.009	3267	0.009	3318	0.010	3603	0.010	3144	0.010	2384	0.009	2366	0.007	2098	0.007	1760	0.007
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1127	0.007	789	0.007	564	0.007	407	0.009	411	0.009	500	0.009	1173	0.009	3317	0.008	4144	0.009	3538	0.010	3397	0.010	3296	0.010	3210	0.009	3383	0.006	3489	0.007	3328	0.009	3267	0.009	3318	0.010	3603	0.010	3144	0.010	2384	0.009	2366	0.007	2098	0.007	1760	0.007
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	291	0.006	204	0.006	146	0.006	103	0.007	111	0.008	135	0.008	317	0.009	896	0.010	1126	0.012	956	0.013	919	0.013	897	0.012	875	0.011	882	0.007	901	0.007	844	0.009	834	0.010	841	0.011	913	0.011	803	0.011	613	0.009	617	0.007	542	0.007	455	0.006
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	291	0.006	204	0.006	146	0.006	103	0.007	111	0.008	135	0.008	317	0.009	896	0.010	1126	0.012	956	0.013	919	0.013	897	0.012	875	0.011	882	0.007	901	0.007	844	0.009	834	0.010	841	0.011	913	0.011	803	0.011	613	0.009	617	0.007	542	0.007	455	0.006
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1419	0.006	993	0.006	709	0.006	510	0.008	522	0.008	635	0.008	1490	0.008	4213	0.008	5270	0.009	4494	0.010	4316	0.010	4193	0.010	4085	0.009	4265	0.006	4390	0.006	4171	0.008	4100	0.009	4159	0.010	4516	0.010	3947	0.009	2997	0.009	2983	0.006	2640	0.006	2215	0.006
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1419	0.006	993	0.006	709	0.006	510	0.008	522	0.008	635	0.008	1490	0.008	4213	0.008	5270	0.009	4494	0.010	4316	0.010	4193	0.010	4085	0.009	4265	0.006	4390	0.006	4171	0.008	4100	0.009	4159	0.010	4516	0.010	3947	0.009	2997	0.009	2983	0.006	2640	0.006	2215	0.006
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1468	0.006	1027	0.006	734	0.006	523	0.008	478	0.009	582	0.009	1364	0.009	3857	0.009	4822	0.009	4110	0.011	3947	0.010	3834	0.010	3740	0.009	4418	0.006	4542	0.006	4275	0.008	4227	0.008	4311	0.009	4655	0.009	4082	0.009	3103	0.008	3090	0.006	2732	0.006	2291	0.006
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1468	0.006	1027	0.006	734	0.006	523	0.008	478	0.009	582	0.009	1364	0.009	3857	0.009	4822	0.009	4110	0.011	3947	0.010	3834	0.010	3740	0.009	4418	0.006	4542	0.006	4275	0.008	4227	0.008	4311	0.009	4655	0.009	4082	0.009	3103	0.008	3090	0.006	2732	0.006	2291	0.006
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	223	0.007	156	0.007	112	0.007	83	0.009	64	0.009	78	0.009	184	0.009	520	0.009	658	0.011	564	0.012	541	0.012	527	0.011	510	0.010	677	0.007	690	0.007	675	0.010	688	0.011	723	0.012	772	0.012	680	0.012	504	0.010	473	0.007	415	0.007	348	0.007
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	223	0.007	156	0.007	112	0.007	83	0.009	64	0.009	78	0.009	184	0.009	520	0.009	658	0.011	564	0.012	541	0.012	527	0.011	510	0.010	677	0.007	690	0.007	675	0.010	688	0.011	723	0.012	772	0.012	680	0.012	504	0.010	473	0.007	415	0.007	348	0.007
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1245	0.006	871	0.006	622	0.006	440	0.008	413	0.009	503	0.009	1180	0.009	3337	0.009	4164	0.009	3546	0.011	3406	0.010	3307	0.010	3230	0.009	3741	0.006	3852	0.006	3600	0.008	3539	0.008	3588	0.009	3883	0.009	3402	0.009	2599	0.008	2617	0.006	2317	0.006	1943	0.006
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	216	0.006	151	0.006	108	0.006	74	0.007	76	0.009	92	0.009	217	0.009	613	0.011	747	0.011	630	0.013	608	0.012	585	0.012	579	0.011	639	0.007	667	0.007	607	0.009	576	0.009	570	0.010	623	0.010	540	0.009	423	0.008	447	0.007	401	0.007	337	0.007
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	216	0.006	151	0.006	108	0.006	74	0.007	76	0.009	92	0.009	217	0.009	613	0.011	747	0.011	630	0.013	608	0.012	585	0.012	579	0.011	639	0.007	667	0.007	607	0.009	576	0.009	570	0.010	623	0.010	540	0.009	423	0.008	447	0.007	401	0.007	337	0.007
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	296	0.007	207	0.007	148	0.007	107	0.009	88	0.010	107	0.010	252	0.011	712	0.012	895	0.014	760	0.015	733	0.014	714	0.014	692	0.013	896	0.009	916	0.009	872	0.012	865	0.013	879	0.014	953	0.014	837	0.014	633	0.011	627	0.008	551	0.008	462	0.008
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1756	0.006	1229	0.006	878	0.006	621	0.008	578	0.009	703	0.009	1649	0.009	4662	0.008	5807	0.009	4937	0.010	4747	0.010	4605	0.010	4500	0.009	5276	0.006	5435	0.006	5078	0.007	4980	0.008	5036	0.009	5459	0.009	4779	0.009	3655	0.008	3690	0.006	3269	0.006	2742	0.006
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1756	0.006	1229	0.006	878	0.006	621	0.008	578	0.009	703	0.009	1649	0.009	4662	0.008	5807	0.009	4937	0.010	4747	0.010	4605	0.010	4500	0.009	5276	0.006	5435	0.006	5078	0.007	4980	0.008	5036	0.009	5459	0.009	4779	0.009	3655	0.008	3690	0.006	3269	0.006	2742	0.006
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1756	0.006	1229	0.006	878	0.006	621	0.008	578	0.009	703	0.009	1649	0.009	4662	0.008	5807	0.009	4937	0.010	4747	0.010	4605	0.010	4500	0.009	5276	0.006	5435	0.006	5078	0.007	4980	0.008	5036	0.009	5459	0.009	4779	0.009	3655	0.008	3690	0.006	3269	0.006	2742	0.006
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	528	0.010	370	0.010	264	0.010	197	0.012	193	0.010	235	0.010	550	0.010	1556	0.011	1889	0.012	1587	0.013	1537	0.012	1474	0.012	1457	0.011	1558	0.010	1634	0.011	1614	0.014	1582	0.014	1647	0.016	1776	0.016	1532	0.015	1144	0.013	1089	0.010	983	0.010	824	0.010
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	528	0.010	370	0.010	264	0.010	197	0.012	193	0.010	235	0.010	550	0.010	1556	0.011	1889	0.012	1587	0.013	1537	0.012	1474	0.012	1457	0.011	1558	0.010	1634	0.011	1614	0.014	1582	0.014	1647	0.016	1776	0.016	1532	0.015	1144	0.013	1089	0.010	983	0.010	824	0.010
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	415	0.009	291	0.009	208	0.009	149	0.011	136	0.012	165	0.012	388	0.013	1097	0.014	1341	0.015	1159	0.016	1111	0.015	1058	0.015	1027	0.013	1217	0.009	1284	0.010	1222	0.012	1176	0.012	1204	0.014	1302	0.013	1121	0.013	855	0.011	851	0.009	772	0.010	648	0.009
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	415	0.009	291	0.009	208	0.009	149	0.011	136	0.012	165	0.012	388	0.013	1097	0.014	1341	0.015	1159	0.016	1111	0.015	1058	0.015	1027	0.013	1217	0.009	1284	0.010	1222	0.012	1176	0.012	1204	0.014	1302	0.013	1121	0.013	855	0.011	851	0.009	772	0.010	648	0.009
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	390	0.010	273	0.010	195	0.010	146	0.013	155	0.010	188	0.010	442	0.011	1249	0.012	1528	0.013	1299	0.014	1253	0.014	1202	0.013	1177	0.012	1148	0.011	1206	0.012	1197	0.015	1173	0.015	1225	0.016	1320	0.016	1137	0.015	848	0.014	803	0.010	725	0.011	608	0.011
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	390	0.010	273	0.010	195	0.010	146	0.013	155	0.010	188	0.010	442	0.011	1249	0.012	1528	0.013	1299	0.014	1253	0.014	1202	0.013	1177	0.012	1148	0.011	1206	0.012	1197	0.015	1173	0.015	1225	0.016	1320	0.016	1137	0.015	848	0.014	803	0.010	725	0.011	608	0.011
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	390	0.010	273	0.010	195	0.010	146	0.013	155	0.010	188	0.010	442	0.011	1249	0.012	1528	0.013	1299	0.014	1253	0.014	1202	0.013	1177	0.012	1148	0.011	1206	0.012	1197	0.015	1173	0.015	1225	0.016	1320	0.016	1137	0.015	848	0.014	803	0.010	725	0.011	608	0.011
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	390	0.010	273	0.010	195	0.010	146	0.013	155	0.010	188	0.010	442	0.011	1249	0.012	1528	0.013	1299	0.014	1253	0.014	1202	0.013	1177	0.012	1148	0.011	1206	0.012	1197	0.015	1173	0.015	1225	0.016	1320	0.016	1137	0.015	848	0.014	803	0.010	725	0.011	608	0.011
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	390	0.010	273	0.010	195	0.010	146	0.013	155	0.010	188	0.010	442	0.011	1249	0.012	1528	0.013	1299	0.014	1253	0.014	1202	0.013	1177	0.012	1148	0.011	1206	0.012	1197	0.015	1173	0.015	1225	0.016	1320	0.016	1137	0.015	848	0.014	803	0.010	725	0.011	608	0.011
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	220	0.011	154	0.011	110	0.010	81	0.013	79	0.014	96	0.014	225	0.014	637	0.015	776	0.016	680	0.017	650	0.016	614	0.016	592	0.014	635	0.010	681	0.011	663	0.014	636	0.014	664	0.015	714	0.015	609	0.014	460	0.013	444	0.010	409	0.011	343	0.011
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	220	0.011	154	0.011	110	0.010	81	0.013	79	0.014	96	0.014	225	0.014	637	0.015	776	0.016	680	0.017	650	0.016	614	0.016	592	0.014	635	0.010	681	0.011	663	0.014	636	0.014	664	0.015	714	0.015	609	0.014	460	0.013	444	0.010	409	0.011	343	0.011
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	220	0.011	154	0.011	110	0.010	81	0.013	79	0.014	96	0.014	225	0.014	637	0.015	776	0.016	680	0.017	650	0.016	614	0.016	592	0.014	635	0.010	681	0.011	663	0.014	636	0.014	664	0.015	714	0.015	609	0.014	460	0.013	444	0.010	409	0.011	343	0.011
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	516	0.009	361	0.009	258	0.009	188	0.011	167	0.012	204	0.012	477	0.013	1349	0.014	1671	0.015	1441	0.017	1383	0.016	1328	0.015	1284	0.014	1531	0.010	1596	0.010	1534	0.013	1501	0.013	1543	0.015	1666	0.015	1445	0.014	1093	0.012	1071	0.009	960	0.010	805	0.009
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	516	0.009	361	0.009	258	0.009	188	0.011	167	0.012	204	0.012	477	0.013	1349	0.014	1671	0.015	1441	0.017	1383	0.016	1328	0.015	1284	0.014	1531	0.010	1596	0.010	1534	0.013	1501	0.013	1543	0.015	1666	0.015	1445	0.014	1093	0.012	1071	0.009	960	0.010	805	0.009
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	516	0.009	361	0.009	258	0.009	188	0.011	167	0.012	204	0.012	477	0.013	1349	0.014	1671	0.015	1441	0.017	1383	0.016	1328	0.015	1284	0.014	1531	0.010	1596	0.010	1534	0.013	1501	0.013	1543	0.015	1666	0.015	1445	0.014	1093	0.012	1071	0.009	960	0.010	805	0.009
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	193	0.010	135	0.010	96	0.010	74	0.013	89	0.010	108	0.010	253	0.011	715	0.012	881	0.012	755	0.014	725	0.013	697	0.013	679	0.011	569	0.010	597	0.011	602	0.014	599	0.014	638	0.016	681	0.016	588	0.015	433	0.014	398	0.010	359	0.010	301	0.010
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	193	0.010	135	0.010	96	0.010	74	0.013	89	0.010	108	0.010	253	0.011	715	0.012	881	0.012	755	0.014	725	0.013	697	0.013	679	0.011	569	0.010	597	0.011	602	0.014	599	0.014	638	0.016	681	0.016	588	0.015	433	0.014	398	0.010	359	0.010	301	0.010
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	328	0.009	230	0.009	164	0.009	119	0.011	112	0.011	137	0.011	321	0.011	907	0.012	1109	0.013	946	0.015	911	0.014	873	0.013	854	0.012	968	0.009	1015	0.010	976	0.013	952	0.013	984	0.015	1060	0.014	917	0.014	693	0.012	677	0.009	611	0.009	512	0.009
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	328	0.009	230	0.009	164	0.009	119	0.011	112	0.011	137	0.011	321	0.011	907	0.012	1109	0.013	946	0.015	911	0.014	873	0.013	854	0.012	968	0.009	1015	0.010	976	0.013	952	0.013	984	0.015	1060	0.014	917	0.014	693	0.012	677	0.009	611	0.009	512	0.009
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	191	0.010	134	0.010	96	0.010	73	0.013	93	0.010	114	0.010	267	0.011	754	0.012	932	0.013	796	0.014	766	0.014	738	0.013	718	0.012	567	0.010	592	0.011	600	0.014	602	0.015	643	0.016	685	0.016	593	0.015	435	0.014	397	0.010	356	0.010	299	0.010
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	191	0.010	134	0.010	96	0.010	73	0.013	93	0.010	114	0.010	267	0.011	754	0.012	932	0.013	796	0.014	766	0.014	738	0.013	718	0.012	567	0.010	592	0.011	600	0.014	602	0.015	643	0.016	685	0.016	593	0.015	435	0.014	397	0.010	356	0.010	299	0.010
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	191	0.010	134	0.010	96	0.010	73	0.013	93	0.010	114	0.010	267	0.011	754	0.012	932	0.013	796	0.014	766	0.014	738	0.013	718	0.012	567	0.010	592	0.011	600	0.014	602	0.015	643	0.016	685	0.016	593	0.015	435	0.014	397	0.010	356	0.010	299	0.010
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	191	0.010	134	0.010	96	0.010	73	0.013	93	0.010	114	0.010	267	0.011	754	0.012	932	0.013	796	0.014	766	0.014	738	0.013	718	0.012	567	0.010	592	0.011	600	0.014	602	0.015	643	0.016	685	0.016	593	0.015	435	0.014	397	0.010	356	0.010	299	0.010
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	293	0.008	205	0.008	147	0.008	106	0.010	117	0.010	142	0.010	333	0.010	942	0.011	1161	0.012	984	0.013	949	0.013	915	0.013	898	0.011	874	0.009	908	0.009	868	0.011	854	0.012	880	0.014	947	0.014	825	0.013	623	0.011	611	0.008	546	0.008	458	0.008
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	293	0.008	205	0.008	147	0.008	106	0.010	117	0.010	142	0.010	333	0.010	942	0.011	1161	0.012	984	0.013	949	0.013	915	0.013	898	0.011	874	0.009	908	0.009	868	0.011	854	0.012	880	0.014	947	0.014	825	0.013	623	0.011	611	0.008	546	0.008	458	0.008
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	293	0.008	205	0.008	147	0.008	106	0.010	117	0.010	142	0.010	333	0.010	942	0.011	1161	0.012	984	0.013	949	0.013	915	0.013	898	0.011	874	0.009	908	0.009	868	0.011	854	0.012	880	0.014	947	0.014	825	0.013	623	0.011	611	0.008	546	0.008	458	0.008
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	183	0.010	128	0.010	92	0.010	69	0.012	101	0.010	123	0.010	290	0.010	819	0.011	1005	0.012	849	0.013	820	0.013	791	0.012	776	0.011	541	0.010	566	0.010	566	0.013	565	0.014	601	0.016	641	0.015	555	0.015	410	0.013	379	0.010	341	0.010	286	0.010
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	293	0.008	205	0.008	147	0.008	106	0.010	117	0.010	142	0.010	333	0.010	942	0.011	1161	0.012	984	0.013	949	0.013	915	0.013	898	0.011	874	0.009	908	0.009	868	0.011	854	0.012	880	0.014	947	0.014	825	0.013	623	0.011	611	0.008	546	0.008	458	0.008
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	151	0.011	106	0.011	76	0.011	55	0.013	50	0.014	61	0.014	143	0.014	405	0.015	495	0.015	440	0.016	418	0.016	394	0.015	376	0.014	432	0.010	468	0.011	453	0.014	424	0.013	437	0.014	473	0.014	400	0.013	305	0.012	302	0.010	282	0.011	236	0.011
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	73	0.009	51	0.009	36	0.009	28	0.011	27	0.010	33	0.010	76	0.010	216	0.010	268	0.011	234	0.012	223	0.012	213	0.011	205	0.010	212	0.009	225	0.009	225	0.012	220	0.012	232	0.013	249	0.013	213	0.012	158	0.011	148	0.008	135	0.009	113	0.009
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.008	27	0.008	19	0.008	13	0.010	16	0.012	19	0.012	45	0.012	127	0.013	160	0.015	138	0.017	131	0.016	129	0.015	125	0.014	117	0.009	119	0.009	109	0.010	108	0.012	108	0.013	117	0.013	103	0.012	80	0.011	82	0.009	72	0.009	60	0.008
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.008	27	0.008	19	0.008	13	0.010	16	0.012	19	0.012	45	0.012	127	0.013	160	0.015	138	0.017	131	0.016	129	0.015	125	0.014	117	0.009	119	0.009	109	0.010	108	0.012	108	0.013	117	0.013	103	0.012	80	0.011	82	0.009	72	0.009	60	0.008
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	225	0.015	157	0.015	112	0.015	79	0.016	79	0.016	97	0.016	227	0.016	641	0.016	756	0.016	639	0.017	617	0.017	581	0.016	580	0.015	645	0.014	695	0.015	643	0.016	597	0.016	601	0.017	653	0.016	554	0.015	434	0.015	451	0.014	418	0.015	351	0.015
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	225	0.015	157	0.015	112	0.015	79	0.016	79	0.016	97	0.016	227	0.016	641	0.016	756	0.016	639	0.017	617	0.017	581	0.016	580	0.015	645	0.014	695	0.015	643	0.016	597	0.016	601	0.017	653	0.016	554	0.015	434	0.015	451	0.014	418	0.015	351	0.015
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.014	209	0.014	150	0.014	104	0.015	105	0.015	128	0.015	299	0.015	846	0.016	1007	0.016	844	0.016	816	0.016	775	0.015	777	0.015	870	0.014	926	0.015	849	0.016	794	0.015	792	0.016	864	0.016	739	0.015	580	0.014	609	0.013	557	0.014	467	0.014
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	670	0.008	469	0.008	335	0.008	241	0.010	232	0.010	282	0.010	662	0.010	1870	0.011	2294	0.012	1944	0.013	1874	0.013	1804	0.013	1772	0.011	1988	0.009	2074	0.009	1974	0.012	1919	0.012	1958	0.013	2121	0.013	1839	0.013	1399	0.011	1391	0.008	1247	0.009	1046	0.009
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	290	0.022	203	0.022	145	0.021	106	0.022	96	0.021	117	0.021	274	0.023	774	0.024	896	0.023	772	0.024	745	0.024	687	0.022	677	0.021	811	0.021	899	0.023	870	0.025	789	0.024	804	0.025	878	0.025	728	0.023	563	0.022	567	0.020	540	0.022	453	0.022
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	290	0.022	203	0.022	145	0.021	106	0.022	96	0.021	117	0.021	274	0.023	774	0.024	896	0.023	772	0.024	745	0.024	687	0.022	677	0.021	811	0.021	899	0.023	870	0.025	789	0.024	804	0.025	878	0.025	728	0.023	563	0.022	567	0.020	540	0.022	453	0.022
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	290	0.022	203	0.022	145	0.021	106	0.022	96	0.021	117	0.021	274	0.023	774	0.024	896	0.023	772	0.024	745	0.024	687	0.022	677	0.021	811	0.021	899	0.023	870	0.025	789	0.024	804	0.025	878	0.025	728	0.023	563	0.022	567	0.020	540	0.022	453	0.022
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	290	0.022	203	0.022	145	0.021	106	0.022	96	0.021	117	0.021	274	0.023	774	0.024	896	0.023	772	0.024	745	0.024	687	0.022	677	0.021	811	0.021	899	0.023	870	0.025	789	0.024	804	0.025	878	0.025	728	0.023	563	0.022	567	0.020	540	0.022	453	0.022
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	165	0.026	116	0.025	83	0.024	61	0.026	59	0.024	71	0.025	168	0.027	474	0.028	520	0.026	453	0.027	435	0.027	387	0.025	387	0.024	433	0.025	511	0.028	502	0.030	433	0.027	453	0.029	490	0.029	390	0.026	304	0.026	303	0.025	307	0.027	258	0.027
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	138	0.014	97	0.013	69	0.013	49	0.015	40	0.014	49	0.014	115	0.015	326	0.016	409	0.016	349	0.017	337	0.017	327	0.017	315	0.016	416	0.015	427	0.015	404	0.017	390	0.017	384	0.017	424	0.018	370	0.017	284	0.016	291	0.014	257	0.014	215	0.014
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	421	0.016	295	0.015	211	0.015	147	0.016	128	0.016	155	0.016	364	0.017	1030	0.018	1269	0.019	1073	0.020	1034	0.019	1000	0.019	983	0.018	1257	0.016	1303	0.016	1207	0.018	1164	0.018	1161	0.019	1267	0.019	1103	0.019	853	0.017	879	0.016	784	0.016	658	0.016
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	421	0.016	295	0.015	211	0.015	147	0.016	128	0.016	155	0.016	364	0.017	1030	0.018	1269	0.019	1073	0.020	1034	0.019	1000	0.019	983	0.018	1257	0.016	1303	0.016	1207	0.018	1164	0.018	1161	0.019	1267	0.019	1103	0.019	853	0.017	879	0.016	784	0.016	658	0.016
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	421	0.016	295	0.015	211	0.015	147	0.016	128	0.016	155	0.016	364	0.017	1030	0.018	1269	0.019	1073	0.020	1034	0.019	1000	0.019	983	0.018	1257	0.016	1303	0.016	1207	0.018	1164	0.018	1161	0.019	1267	0.019	1103	0.019	853	0.017	879	0.016	784	0.016	658	0.016
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	651	0.017	455	0.017	325	0.016	228	0.017	205	0.017	249	0.018	584	0.019	1653	0.020	2006	0.020	1700	0.021	1638	0.021	1567	0.020	1548	0.019	1915	0.017	2013	0.018	1864	0.019	1773	0.019	1775	0.020	1934	0.020	1670	0.019	1296	0.018	1340	0.017	1211	0.017	1016	0.017
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	192	0.014	134	0.014	96	0.013	70	0.015	66	0.014	81	0.014	189	0.015	534	0.016	674	0.017	575	0.018	553	0.018	538	0.018	522	0.016	580	0.015	593	0.015	569	0.017	567	0.018	579	0.019	627	0.019	550	0.019	414	0.017	406	0.015	357	0.015	299	0.015
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	192	0.014	134	0.014	96	0.013	70	0.015	66	0.014	81	0.014	189	0.015	534	0.016	674	0.017	575	0.018	553	0.018	538	0.018	522	0.016	580	0.015	593	0.015	569	0.017	567	0.018	579	0.019	627	0.019	550	0.019	414	0.017	406	0.015	357	0.015	299	0.015
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	96	0.015	67	0.015	48	0.015	35	0.017	33	0.016	40	0.016	94	0.016	267	0.017	337	0.018	287	0.020	276	0.019	269	0.019	261	0.018	290	0.016	296	0.016	284	0.018	283	0.019	289	0.020	313	0.020	275	0.020	207	0.018	203	0.016	178	0.016	150	0.015
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	96	0.015	67	0.015	48	0.015	35	0.017	33	0.016	40	0.016	94	0.016	267	0.017	337	0.018	287	0.020	276	0.019	269	0.019	261	0.018	290	0.016	296	0.016	284	0.018	283	0.019	289	0.020	313	0.020	275	0.020	207	0.018	203	0.016	178	0.016	150	0.015
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	96	0.015	67	0.015	48	0.015	35	0.017	33	0.016	40	0.016	94	0.016	267	0.017	337	0.018	287	0.020	276	0.019	269	0.019	261	0.018	290	0.016	296	0.016	284	0.018	283	0.019	289	0.020	313	0.020	275	0.020	207	0.018	203	0.016	178	0.016	150	0.015

Po Shek Wu Interchange Improvement

Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	48	0.015	34	0.015	24	0.015	17	0.017	17	0.016	20	0.016	47	0.016	134	0.017	168	0.018	144	0.019	138	0.019	135	0.019	130	0.017	145	0.015	148	0.015	142	0.018	142	0.019	145	0.020	157	0.019	138	0.019	104	0.018	101	0.015	89	0.015	75	0.015
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	48	0.015	34	0.015	24	0.015	17	0.017	17	0.016	20	0.016	47	0.016	134	0.017	168	0.018	144	0.019	138	0.019	135	0.019	130	0.017	145	0.015	148	0.015	142	0.018	142	0.019	145	0.020	157	0.019	138	0.019	104	0.018	101	0.015	89	0.015	75	0.015
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	48	0.015	34	0.015	24	0.015	17	0.017	17	0.016	20	0.016	47	0.016	134	0.017	168	0.018	144	0.019	138	0.019	135	0.019	130	0.017	145	0.015	148	0.015	142	0.018	142	0.019	145	0.020	157	0.019	138	0.019	104	0.018	101	0.015	89	0.015	75	0.015
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	48	0.015	34	0.015	24	0.015	17	0.017	17	0.016	20	0.016	47	0.016	134	0.017	168	0.018	144	0.019	138	0.019	135	0.019	130	0.017	145	0.015	148	0.015	142	0.018	142	0.019	145	0.020	157	0.019	138	0.019	104	0.018	101	0.015	89	0.015	75	0.015
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	476	0.014	333	0.014	238	0.014	168	0.015	164	0.014	199	0.014	468	0.014	1322	0.015	1586	0.016	1289	0.016	1266	0.016	1220	0.015	1228	0.014	1421	0.015	1473	0.015	1375	0.017	1319	0.017	1306	0.018	1435	0.018	1246	0.018	963	0.016	994	0.015	886	0.015	743	0.015
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	476	0.014	333	0.014	238	0.014	168	0.015	164	0.014	199	0.014	468	0.014	1322	0.015	1586	0.016	1289	0.016	1266	0.016	1220	0.015	1228	0.014	1421	0.015	1473	0.015	1375	0.017	1319	0.017	1306	0.018	1435	0.018	1246	0.018	963	0.016	994	0.015	886	0.015	743	0.015
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	476	0.014	333	0.014	238	0.014	168	0.015	164	0.014	199	0.014	468	0.014	1322	0.015	1586	0.016	1289	0.016	1266	0.016	1220	0.015	1228	0.014	1421	0.015	1473	0.015	1375	0.017	1319	0.017	1306	0.018	1435	0.018	1246	0.018	963	0.016	994	0.015	886	0.015	743	0.015
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	476	0.014	333	0.014	238	0.014	168	0.015	164	0.014	199	0.014	468	0.014	1322	0.015	1586	0.016	1289	0.016	1266	0.016	1220	0.015	1228	0.014	1421	0.015	1473	0.015	1375	0.017	1319	0.017	1306	0.018	1435	0.018	1246	0.018	963	0.016	994	0.015	886	0.015	743	0.015
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	476	0.014	333	0.014	238	0.014	168	0.015	164	0.014	199	0.014	468	0.014	1322	0.015	1586	0.016	1289	0.016	1266	0.016	1220	0.015	1228	0.014	1421	0.015	1473	0.015	1375	0.017	1319	0.017	1306	0.018	1435	0.018	1246	0.018	963	0.016	994	0.015	886	0.015	743	0.015
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	236	0.014	165	0.013	118	0.013	85	0.014	101	0.013	123	0.013	289	0.014	817	0.015	959	0.014	786	0.015	770	0.015	730	0.014	738	0.013	687	0.014	729	0.014	691	0.016	654	0.016	659	0.017	720	0.017	616	0.016	474	0.015	480	0.013	438	0.014	368	0.014
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	176	0.015	123	0.014	88	0.014	65	0.016	56	0.016	68	0.016	159	0.017	451	0.018	584	0.019	517	0.021	490	0.021	478	0.020	450	0.019	533	0.015	544	0.015	531	0.018	535	0.019	556	0.020	598	0.020	526	0.020	391	0.018	373	0.015	327	0.015	274	0.015
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	176	0.015	123	0.014	88	0.014	65	0.016	56	0.016	68	0.016	159	0.017	451	0.018	584	0.019	517	0.021	490	0.021	478	0.020	450	0.019	533	0.015	544	0.015	531	0.018	535	0.019	556	0.020	598	0.020	526	0.020	391	0.018	373	0.015	327	0.015	274	0.015
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	176	0.015	123	0.014	88	0.014	65	0.016	56	0.016	68	0.016	159	0.017	451	0.018	584	0.019	517	0.021	490	0.021	478	0.020	450	0.019	533	0.015	544	0.015	531	0.018	535	0.019	556	0.020	598	0.020	526	0.020	391	0.018	373	0.015	327	0.015	274	0.015
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	176	0.015	123	0.014	88	0.014	65	0.016	56	0.016	68	0.016	159	0.017	451	0.018	584	0.019	517	0.021	490	0.021	478	0.020	450	0.019	533	0.015	544	0.015	531	0.018	535	0.019	556	0.020	598	0.020	526	0.020	391	0.018	373	0.015	327	0.015	274	0.015
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	176	0.015	123	0.014	88	0.014	65	0.016	56	0.016	68	0.016	159	0.017	451	0.018	584	0.019	517	0.021	490	0.021	478	0.020	450	0.019	533	0.015	544	0.015	531	0.018	535	0.019	556	0.020	598	0.020	526	0.020	391	0.018	373	0.015	327	0.015	274	0.015
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	55	0.014	38	0.014	27	0.014	20	0.016	19	0.015	23	0.015	53	0.015	150	0.016	192	0.018	168	0.019	160	0.019	156	0.018	149	0.017	166	0.014	169	0.014	162	0.017	160	0.018	162	0.019	176	0.019	155	0.018	117	0.017	116	0.014	102	0.014	85	0.014
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	27	0.014	19	0.013	14	0.013	10	0.016	9	0.015	11	0.015	27	0.015	75	0.015	96	0.017	84	0.018	80	0.018	78	0.018	74	0.016	83	0.014	85	0.014	81	0.016	80	0.017	81	0.018	88	0.018	77	0.018	59	0.016	58	0.014	51	0.014	43	0.014
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	55	0.014	38	0.014	27	0.014	20	0.016	19	0.015	23	0.015	53	0.015	150	0.016	192	0.018	168	0.019	160	0.019	156	0.018	149	0.017	166	0.014	169	0.014	162	0.017	160	0.018	162	0.019	176	0.019	155	0.018	117	0.017	116	0.014	102	0.014	85	0.014
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	75	0.012	52	0.012	37	0.012	27	0.014	28	0.013	34	0.013	79	0.013	222	0.015	283	0.016	245	0.017	235	0.017	229	0.017	219	0.015	226	0.013	231	0.013	220	0.016	218	0.016	222	0.017	240	0.017	211	0.017	160	0.015	158	0.013	139	0.013	116	0.012
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	61	0.012	43	0.011	31	0.011	22	0.013	32	0.012	39	0.012	91	0.012	257	0.013	323	0.014	274	0.015	263	0.015	257	0.015	250	0.014	186	0.012	190	0.013	181	0.015	180	0.015	184	0.016	199	0.016	175	0.016	132	0.014	130	0.012	114	0.012	96	0.012
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	61	0.012	43	0.011	31	0.011	22	0.013	32	0.012	39	0.012	91	0.012	257	0.013	323	0.014	274	0.015	263	0.015	257	0.015	250	0.014	186	0.012	190	0.013	181	0.015	180	0.015	184	0.016	199	0.016	175	0.016	132	0.014	130	0.012	114	0.012	96	0.012
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	61	0.012	43	0.011	31	0.011	22	0.013	32	0.012	39	0.012	91	0.012	257	0.013	323	0.014	274	0.015	263	0.015	257	0.015	250	0.014	186	0.012	190	0.013	181	0.015	180	0.015	184	0.016	199	0.016	175	0.016	132	0.014	130	0.012	114	0.012	96	0.012
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	61	0.012	43	0.011	31	0.011	22	0.013	32	0.012	39	0.012	91	0.012	257	0.013	323	0.014	274	0.015	263	0.015	257	0.015	250	0.014	186	0.012	190	0.013	181	0.015	180	0.015	184	0.016	199	0.016	175	0.016	132	0.014	130	0.012	114	0.012	96	0.012
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	67	0.013	47	0.013	34	0.013	25	0.015	42	0.012	51	0.012	119	0.013	336	0.014	416	0.015	346	0.016	336	0.016	327	0.016	323	0.014	204	0.014	209	0.014	201	0.017	201	0.018	207	0.019	223	0.018	196	0.018	147	0.016	143	0.014	125	0.014	105	0.013
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	421	0.016	295	0.015	211	0.015	147	0.016	128	0.016	155	0.016	364	0.017	1030	0.018	1269	0.019	1073	0.020	1034	0.019	1000	0.019	983	0.018	1257	0.016	1303	0.016	1207	0.018	1164	0.018	1161	0.019	1267	0.019	1103	0.019	853	0.017	879	0.016	784	0.016	658	0.016
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	421	0.016	295	0.015	211	0.015	147	0.016	128	0.016	155	0.016	364	0.017	1030	0.018	1269	0.019	1073	0.020	1034	0.019	1000	0.019	983	0.018	1257	0.016	1303	0.016	1207	0.018	1164	0.018	1161	0.019	1267	0.019	1103	0.019	853	0.017	879	0.016	784	0.016	658	0.016
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.006	9	0.006	6	0.006	4	0.006	6	0.006	7	0.006	17	0.006	47	0.006	57	0.007	46	0.007	45	0.007	44	0.007	45	0.007	38	0.006	38	0.006	34	0.007	32	0.007	31	0.007	34	0.007	30	0.007	24	0.006	26	0.006	23	0.006	19	0.006
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.013	11	0.013	9	0.013	8	0.013
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	528	0.015	370	0.014	264	0.014	197	0.016	193	0.014	235	0.014	550	0.014	1556	0.015	1889	0.016	1587	0.016	1537	0.016	1474	0.016	1457	0.015	1558	0.015	1634	0.016	1614	0.018	1582	0.018	1647	0.019	1776	0.019	1532	0.019	1144	0.017	1089	0.015	983	0.015	824	0.015

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1484	0.006	1039	0.006	742	0.006	538	0.008	553	0.008	673	0.008	1579	0.008	4465	0.007	5554	0.008	4718	0.009	4541	0.009	4402	0.009	4301	0.008	4448	0.006	4594	0.006	4400	0.008	4315	0.009	4388	0.010	4766	0.009	4153	0.009	3146	0.008	3111	0.006	2763	0.006	2317	0.006
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1484	0.006	1039	0.006	742	0.006	538	0.008	553	0.008	673	0.008	1579	0.008	4465	0.007	5554	0.008	4718	0.009	4541	0.009	4402	0.009	4301	0.008	4448	0.006	4594	0.006	4400	0.008	4315	0.009	4388	0.010	4766	0.009	4153	0.009	3146	0.008	3111	0.006	2763	0.006	2317	0.006
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1484	0.006	1039	0.006	742	0.006	538	0.008	553	0.008	673	0.008	1579	0.008	4465	0.007	5554	0.008	4718	0.009	4541	0.009	4402	0.009	4301	0.008	4448	0.006	4594	0.006	4400	0.008	4315	0.009	4388	0.010	4766	0.009	4153	0.009	3146	0.008	3111	0.006	2763	0.006	2317	0.006
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1484	0.006	1039	0.006	742	0.006	538	0.008	553	0.008	673	0.008	1579	0.008	4465	0.007	5554	0.008	4718	0.009	4541	0.009	4402	0.009	4301	0.008	4448	0.006	4594	0.006	4400	0.008	4315	0.009	4388	0.010	4766	0.009	4153	0.009	3146	0.008	3111	0.006	2763	0.006	2317	0.006
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	357	0.008	250	0.007	178	0.007	131	0.010	142	0.008	173	0.008	406	0.008	1148	0.009	1410	0.009	1180	0.010	1144	0.010	1106	0.010	1091	0.009	1066	0.008	1105	0.008	1072	0.011	1049	0.011	1070	0.013	1163	0.013	1010	0.012	761	0.010	745	0.008	664	0.008	557	0.008
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	357	0.008	250	0.007	178	0.007	131	0.010	142	0.008	173	0.008	406	0.008	1148	0.009	1410	0.009	1180	0.010	1144	0.010	1106	0.010	1091	0.009	1066	0.008	1105	0.008	1072	0.011	1049	0.011	1070	0.013	1163	0.013	1010	0.012	761	0.010	745	0.008	664	0.008	557	0.008
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	357	0.008	250	0.007	178	0.007	131	0.010	142	0.008	173	0.008	406	0.008	1148	0.009	1410	0.009	1180	0.010	1144	0.010	1106	0.010	1091	0.009	1066	0.008	1105	0.008	1072	0.011	1049	0.011	1070	0.013	1163	0.013	1010	0.012	761	0.010	745	0.008	664	0.008	557	0.008
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	357	0.008	250	0.007	178	0.007	131	0.010	142	0.008	173	0.008	406	0.008	1148	0.009	1410	0.009	1180	0.010	1144	0.010	1106	0.010	1091	0.009	1066	0.008	1105	0.008	1072	0.011	1049	0.011	1070	0.013	1163	0.013	1010	0.012	761	0.010	745	0.008	664	0.008	557	0.008
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1127	0.006	789	0.006	564	0.006	407	0.008	411	0.008	500	0.008	1173	0.008	3317	0.008	4144	0.008	3538	0.009	3397	0.009	3296	0.009	3210	0.008	3383	0.006	3489	0.006	3328	0.008	3267	0.008	3318	0.010	3603	0.009	3144	0.009	2384	0.008	2366	0.006	2098	0.006	1760	0.006
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1127	0.006	789	0.006	564	0.006	407	0.008	411	0.008	500	0.008	1173	0.008	3317	0.008	4144	0.008	3538	0.009	3397	0.009	3296	0.009	3210	0.008	3383	0.006	3489	0.006	3328	0.008	3267	0.008	3318	0.010	3603	0.009	3144	0.009	2384	0.008	2366	0.006	2098	0.006	1760	0.006
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1127	0.006	789	0.006	564	0.006	407	0.008	411	0.008	500	0.008	1173	0.008	3317	0.008	4144	0.008	3538	0.009	3397	0.009	3296	0.009	3210	0.008	3383	0.006	3489	0.006	3328	0.008	3267	0.008	3318	0.010	3603	0.009	3144	0.009	2384	0.008	2366	0.006	2098	0.006	1760	0.006
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1127	0.006	789	0.006	564	0.006	407	0.008	411	0.008	500	0.008	1173	0.008	3317	0.008	4144	0.008	3538	0.009	3397	0.009	3296	0.009	3210	0.008	3383	0.006	3489	0.006	3328	0.008	3267	0.008	3318	0.010	3603	0.009	3144	0.009	2384	0.008	2366	0.006	2098	0.006	1760	0.006
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	291	0.005	204	0.005	146	0.005	103	0.007	111	0.007	135	0.008	317	0.008	896	0.010	1126	0.011	956	0.012	919	0.012	897	0.011	875	0.010	882	0.007	901	0.007	844	0.008	834	0.009	841	0.010	913	0.010	803	0.010	613	0.008	617	0.006	542	0.006	455	0.006
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	291	0.005	204	0.005	146	0.005	103	0.007	111	0.007	135	0.008	317	0.008	896	0.010	1126	0.011	956	0.012	919	0.012	897	0.011	875	0.010	882	0.007	901	0.007	844	0.008	834	0.009	841	0.010	913	0.010	803	0.010	613	0.008	617	0.006	542	0.006	455	0.006
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1419	0.006	993	0.006	709	0.006	510	0.008	522	0.008	635	0.008	1490	0.008	4213	0.008	5270	0.008	4494	0.009	4316	0.009	4193	0.009	4085	0.008	4265	0.006	4390	0.006	4171	0.008	4100	0.008	4159	0.009	4516	0.009	3947	0.009	2997	0.008	2983	0.006	2640	0.006	2215	0.006
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1419	0.006	993	0.006	709	0.006	510	0.008	522	0.008	635	0.008	1490	0.008	4213	0.008	5270	0.008	4494	0.009	4316	0.009	4193	0.009	4085	0.008	4265	0.006	4390	0.006	4171	0.008	4100	0.008	4159	0.009	4516	0.009	3947	0.009	2997	0.008	2983	0.006	2640	0.006	2215	0.006
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1468	0.006	1027	0.006	734	0.006	523	0.007	478	0.008	582	0.008	1364	0.008	3857	0.008	4822	0.008	4110	0.010	3947	0.010	3834	0.009	3740	0.008	4418	0.005	4542	0.006	4275	0.007	4227	0.008	4311	0.009	4655	0.008	4082	0.008	3103	0.008	3090	0.005	2732	0.006	2291	0.006
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1468	0.006	1027	0.006	734	0.006	523	0.007	478	0.008	582	0.008	1364	0.008	3857	0.008	4822	0.008	4110	0.010	3947	0.010	3834	0.009	3740	0.008	4418	0.005	4542	0.006	4275	0.007	4227	0.008	4311	0.009	4655	0.008	4082	0.008	3103	0.008	3090	0.005	2732	0.006	2291	0.006
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	223	0.006	156	0.006	112	0.006	83	0.008	64	0.008	78	0.008	184	0.008	520	0.009	658	0.010	564	0.011	541	0.011	527	0.010	510	0.009	677	0.007	690	0.007	675	0.009	688	0.010	723	0.011	772	0.011	680	0.011	504	0.009	473	0.007	415	0.006	348	0.006
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	223	0.006	156	0.006	112	0.006	83	0.008	64	0.008	78	0.008	184	0.008	520	0.009	658	0.010	564	0.011	541	0.011	527	0.010	510	0.009	677	0.007	690	0.007	675	0.009	688	0.010	723	0.011	772	0.011	680	0.011	504	0.009	473	0.007	415	0.006	348	0.006
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1245	0.006	871	0.006	622	0.006	440	0.007	413	0.008	503	0.008	1180	0.008	3337	0.008	4164	0.008	3546	0.010	3406	0.009	3307	0.009	3230	0.008	3741	0.005	3852	0.005	3600	0.007	3539	0.008	3588	0.009	3883	0.008	3402	0.008	2599	0.007	2617	0.005	2317	0.006	1943	0.006
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	216	0.006	151	0.006	108	0.006	74	0.007	76	0.008	92	0.008	217	0.009	613	0.010	747	0.011	630	0.012	608	0.011	585	0.011	579	0.010	639	0.007	667	0.007	607	0.008	576	0.008	570	0.009	623	0.009	540	0.009	423	0.008	447	0.006	401	0.006	337	0.006
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	216	0.006	151	0.006	108	0.006	74	0.007	76	0.008	92	0.008	217	0.009	613	0.010	747	0.011	630	0.012	608	0.011	585	0.011	579	0.010	639	0.007	667	0.007	607	0.008	576	0.008	570	0.009	623	0.009	540	0.009	423	0.008	447	0.006	401	0.006	337	0.006
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	296	0.007	207	0.007	148	0.006	107	0.008	88	0.009	107	0.009	252	0.010	712	0.011	895	0.012	760	0.014	733	0.013	714	0.013	692	0.012	896	0.008	916	0.008	872	0.011	865	0.012	879	0.013	953	0.013	837	0.013	633	0.011	627	0.008	551	0.007	462	0.007
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1756	0.005	1229	0.005	878	0.005	621	0.007	578	0.008	703	0.008	1649	0.008	4662	0.008	5807	0.008	4937	0.010	4747	0.009	4605	0.009	4500	0.008	5276	0.005	5435	0.005	5078	0.007	4980	0.007	5036	0.008	5459	0.008	4779	0.008	3655	0.007	3690	0.005	3269	0.005	2742	0.005
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1756	0.005	1229	0.005	878	0.005	621	0.007	578	0.008	703	0.008	1649	0.008	4662	0.008	5807	0.008	4937	0.010	4747	0.009	4605	0.009	4500	0.008	5276	0.005	5435	0.005	5078	0.007	4980	0.007	5036	0.008	5459	0.008	4779	0.008	3655	0.007	3690	0.005	3269	0.005	2742	0.005
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1756	0.005	1229	0.005	878	0.005	621	0.007	578	0.008	703	0.008	1649	0.008	4662	0.008	5807	0.008	4937	0.010	4747	0.009	4605	0.009	4500	0.008	5276	0.005	5435	0.005	5078	0.007	4980	0.007	5036	0.008	5459	0.008	4779	0.008	3655	0.007	3690	0.005	3269	0.005	2742	0.005
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	528	0.009	370	0.009	264	0.009	197	0.011	193	0.009	235	0.009	550	0.009	1556	0.010	1889	0.011	1587	0.012	1537	0.011	1474	0.011	1457	0.010	1558	0.009	1634	0.010	1614	0.013	1582	0.013	1647	0.014	1776	0.014	1532	0.014	1144	0.012	1089	0.009	983	0.009	824	0.009
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	528	0.009	370	0.009	264	0.009	197	0.011	193	0.009	235	0.009	550	0.009	1556	0.010	1889	0.011	1587	0.012	1537	0.011	1474	0.011	1457	0.010	1558	0.009	1634	0.010	1614	0.013	1582	0.013	1647	0.014	1776	0.014	1532	0.014	1144	0.012	1089	0.009	983	0.009	824	0.009
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	415	0.008	291	0.008	208	0.008	149	0.010	136	0.011	165	0.011	388	0.012	1097	0.013	1341	0.013	1159	0.015	1111	0.014	1058	0.014	1027	0.012	1217	0.009	1284	0.009	1222	0.011	1176	0.011	1204	0.013	1302	0.012	1121	0.012	855	0.010	851	0.008	772	0.009	648	0.009
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	415	0.008	291	0.008	208	0.008	149	0.010	136	0.011	165	0.011	388	0.012	1097	0.013	1341	0.013	1159	0.015	1111	0.014	1058	0.014	1027	0.012	1217	0.009	1284	0.009	1222	0.011	1176	0.011	1204	0.013	1302	0.012	1121	0.012	855	0.010	851	0.008	772	0.009	648	0.009
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	390	0.009	273	0.009	195	0.009	146	0.012	155	0.010	188	0.010	442	0.010	1249	0.011	1528	0.012	1299	0.013	1253	0.013	1202	0.012	1177	0.011	1148	0.010	1206	0.011	1197	0.014	1173	0.014	1225	0.015	1320	0.015	1137	0.014	848	0.012	803	0.009	725	0.010	608	0.010
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	390	0.009	273	0.009	195	0.009	146	0.012	155	0.010	188	0.010	442	0.010	1249	0.011	1528	0.012	1299	0.013	1253	0.013	1202	0.012	1177	0.011	1148	0.010	1206	0.011	1197	0.014	1173	0.014	1225	0.015	1320	0.015	1137	0.014	848	0.012	803	0.009	725	0.010	608	0.010
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	390	0.009	273	0.009	195	0.009	146	0.012	155	0.010	188	0.010	442	0.010	1249	0.011	1528	0.012	1299	0.013	1253	0.013	1202	0.012	1177	0.011	1148	0.010	1206	0.011	1197	0.014	1173	0.014	1225	0.015	1320	0.015	1137	0.014	848	0.012	803	0.009	725	0.010	608	0.010
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	390	0.009	273	0.009	195	0.009	146	0.012	155	0.010	188	0.010	442	0.010	1249	0.011	1528	0.012	1299	0.013	1253	0.013	1202	0.012	1177	0.011	1148	0.010	1206	0.011	1197	0.014	1173	0.014	1225	0.015	1320	0.015	1137	0.014	848	0.012	803	0.009	725	0.010	608	0.010
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	390	0.009	273	0.009	195	0.009	146	0.012	155	0.010	188	0.010	442	0.010	1249	0.011	1528	0.012	1299	0.013	1253	0.013	1202	0.012	1177	0.011	1148	0.010	1206	0.011	1197	0.014	1173	0.014	1225	0.015	1320	0.015	1137	0.014	848	0.012	803	0.009	725	0.010	608	0.010
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	220	0.010	154	0.010	110	0.010	81	0.012	79	0.013	96	0.013	225	0.013	637	0.014	776	0.014	680	0.016	650	0.015	614	0.014	592	0.013	635	0.009	681	0.011	663	0.013	636	0.012	664	0.014	714	0.014	609	0.013	460	0.012	444	0.009	409	0.010	343	0.010
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	220	0.010	154	0.010	110	0.010	81	0.012	79	0.013	96	0.013	225	0.013	637	0.014	776	0.014	680	0.016	650	0.015	614	0.014	592	0.013	635	0.009	681	0.011	663	0.013	636	0.012	664	0.014	714	0.014	609	0.013	460	0.012	444	0.009	409	0.010	343	0.010
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	220	0.010	154	0.010	110	0.010	81	0.012	79	0.013	96	0.013	225	0.013	637	0.014	776	0.014	680	0.016	650	0.015	614	0.014	592	0.013	635	0.009	681	0.011	663	0.013	636	0.012	664	0.014	714	0.014	609	0.013	460	0.012	444	0.009	409	0.010	343	0.010
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	516	0.008	361	0.008	258	0.008	188	0.010	167	0.011	204	0.011	477	0.012	1349	0.013	1671	0.014	1441	0.015	1383	0.015	1328	0.014	1284	0.013	1531	0.009	1596	0.010	1534	0.012	1501	0.012	1543	0.014	1666	0.014	1445	0.013	1093	0.011	1071	0.009	960	0.009	805	0.009
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	516	0.008	361	0.008	258	0.008	188	0.010	167	0.011	204	0.011	477	0.012	1349	0.013	1671	0.014	1441	0.015	1383	0.015	1328	0.014	1284	0.013	1531	0.009	1596	0.010	1534	0.012	1501	0.012	1543	0.014	1666	0.014	1445	0.013	1093	0.011	1071	0.009	960	0.009	805	0.009
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	516	0.008	361	0.008	258	0.008	188	0.010	167	0.011	204	0.011	477	0.012	1349	0.013	1671	0.014	1441	0.015	1383	0.015	1328	0.014	1284	0.013	1531	0.009	1596	0.010	1534	0.012	1501	0.012	1543	0.014	1666	0.014	1445	0.013	1093	0.011	1071	0.009	960	0.009	805	0.009
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	193	0.009	135	0.009	96	0.009	74	0.012	89	0.010	108	0.010	253	0.010	715	0.011	881	0.011	755	0.013	725	0.012	697	0.012	679	0.011	569	0.009	597	0.010	602	0.013	599	0.013	638	0.015	681	0.015	588	0.014	433	0.012	398	0.009	359	0.010	301	0.010
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	193	0.009	135	0.009	96	0.009	74	0.012	89	0.010	108	0.010	253	0.010	715	0.011	881	0.011	755	0.013	725	0.012	697	0.012	679	0.011	569	0.009	597	0.010	602	0.013	599	0.013	638	0.015	681	0.015	588	0.014	433	0.012	398	0.009	359	0.010	301	0.010
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	328	0.008	230	0.008	164	0.008	119	0.010	112	0.010	137	0.010	321	0.010	907	0.011	1109	0.012	946	0.013	911	0.013	873	0.012	854	0.011	968	0.009	1015	0.009	976	0.012	952	0.012	984	0.013	1060	0.013	917	0.013	693	0.011	677	0.008	611	0.009	512	0.009
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	328	0.008	230	0.008	164	0.008	119	0.010	112	0.010	137	0.010	321	0.010	907	0.011	1109	0.012	946	0.013	911	0.013	873	0.012	854	0.011	968	0.009	1015	0.009	976	0.012	952	0.012	984	0.013	1060	0.013	917	0.013	693	0.011	677	0.008	611	0.009	512	0.009
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	191	0.009	134	0.009	96	0.009	73	0.012	93	0.010	114	0.010	267	0.010	754	0.011	932	0.012	796	0.013	766	0.012	738	0.012	718	0.011	567	0.010	592	0.010	600	0.013	602	0.013	643	0.015	685	0.015	593	0.014	435	0.013	397	0.009	356	0.010	299	0.010
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	191	0.009	134	0.009	96	0.009	73	0.012	93	0.010	114	0.010	267	0.010	754	0.011	932	0.012	796	0.013	766	0.012	738	0.012	718	0.011	567	0.010	592	0.010	600	0.013	602	0.013	643	0.015	685	0.015	593	0.014	435	0.013	397	0.009	356	0.010	299	0.010
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	191	0.009	134	0.009	96	0.009	73	0.012	93	0.010	114	0.010	267	0.010	754	0.011	932	0.012	796	0.013	766	0.012	738	0.012	718	0.011	567	0.010	592	0.010	600	0.013	602	0.013	643	0.015	685	0.015	593	0.014	435	0.013	397	0.009	356	0.010	299	0.010
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	191	0.009	134	0.009	96	0.009	73	0.012	93	0.010	114	0.010	267	0.010	754	0.011	932	0.012	796	0.013	766	0.012	738	0.012	718	0.011	567	0.010	592	0.010	600	0.013	602	0.013	643	0.015	685	0.015	593	0.014	435	0.013	397	0.009	356	0.010	299	0.010
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	293	0.007	205	0.007	147	0.007	106	0.009	117	0.009	142	0.009	333	0.009	942	0.010	1161	0.011	984	0.012	949	0.012	915	0.012	898	0.010	874	0.008	908	0.008	868	0.011	854	0.011	880	0.013	947	0.012	825	0.012	623	0.010	611	0.008	546	0.008	458	0.008
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	293	0.007	205	0.007	147	0.007	106	0.009	117	0.009	142	0.009	333	0.009	942	0.010	1161	0.011	984	0.012	949	0.012	915	0.012	898	0.010	874	0.008	908	0.008	868	0.011	854	0.011	880	0.013	947	0.012	825	0.012	623	0.010	611	0.008	546	0.008	458	0.008
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	293	0.007	205	0.007	147	0.007	106	0.009	117	0.009	142	0.009	333	0.009	942	0.010	1161	0.011	984	0.012	949	0.012	915	0.012	898	0.010	874	0.008	908	0.008	868	0.011	854	0.011	880	0.013	947	0.012	825	0.012	623	0.010	611	0.008	546	0.008	458	0.008
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	183	0.009	128	0.009	92	0.009	69	0.011	101	0.009	123	0.009	290	0.009	819	0.010	1005	0.011	849	0.012	820	0.012	791	0.011	776	0.010	541	0.009	566	0.010	566	0.012	565	0.013	601	0.014	641	0.014	555	0.014	410	0.012	379	0.009	341	0.009	286	0.009
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	293	0.007	205	0.007	147	0.007	106	0.009	117	0.009	142	0.009	333	0.009	942	0.010	1161	0.011	984	0.012	949	0.012	915	0.012	898	0.010	874	0.008	908	0.008	868	0.011	854	0.011	880	0.013	947	0.012	825	0.012	623	0.010	611	0.008	546	0.008	458	0.008
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	151	0.010	106	0.010	76	0.010	55	0.012	50	0.013	61	0.013	143	0.013	405	0.014	495	0.014	440	0.015	418	0.015	394	0.014	376	0.013	432	0.009	468	0.010	453	0.012	424	0.012	437	0.013	473	0.013	400	0.012	305	0.011	302	0.009	282	0.010	236	0.010
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	73	0.008	51	0.008	36	0.008	28	0.010	27	0.009	33	0.009	76	0.009	216	0.009	268	0.010	234	0.011	223	0.011	213	0.010	205	0.009	212	0.008	225	0.008	225	0.011	220	0.011	232	0.012	249	0.012	213	0.011	158	0.010	148	0.008	135	0.008	113	0.008
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.008	27	0.008	19	0.008	13	0.009	16	0.011	19	0.011	45	0.011	127	0.012	160	0.014	138	0.015	131	0.014	129	0.014	125	0.013	117	0.008	119	0.008	109	0.010	108	0.011	108	0.012	117	0.012	103	0.011	80	0.010	82	0.008	72	0.008	60	0.008
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.008	27	0.008	19	0.008	13	0.009	16	0.011	19	0.011	45	0.011	127	0.012	160	0.014	138	0.015	131	0.014	129	0.014	125	0.013	117	0.008	119	0.008	109	0.010	108	0.011	108	0.012	117	0.012	103	0.011	80	0.010	82	0.008	72	0.008	60	0.008
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	225	0.014	157	0.014	112	0.014	79	0.015	79	0.015	97	0.015	227	0.015	641	0.015	756	0.015	639	0.016	617	0.015	581	0.015	580	0.014	645	0.013	695	0.014	643	0.015	597	0.015	601	0.015	653	0.015	554	0.014	434	0.014	451	0.013	418	0.014	351	0.014
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	225	0.014	157	0.014	112	0.014	79	0.015	79	0.015	97	0.015	227	0.015	641	0.015	756	0.015	639	0.016	617	0.015	581	0.015	580	0.014	645	0.013	695	0.014	643	0.015	597	0.015	601	0.015	653	0.015	554	0.014	434	0.014	451	0.013	418	0.014	351	0.014
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	299	0.013	209	0.013	150	0.013	104	0.014	105	0.014	128	0.014	299	0.014	846	0.015	1007	0.014	844	0.015	816	0.015	775	0.014	777	0.014	870	0.013	926	0.014	849	0.014	794	0.014	792	0.015	864	0.015	739	0.014	580	0.013	609	0.012	557	0.013	467	0.013
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	670	0.008	469	0.007	335	0.007	241	0.009	232	0.009	282	0.009	662	0.009	1870	0.010	2294	0.011	1944	0.012	1874	0.012	1804	0.012	1772	0.010	1988	0.008	2074	0.009	1974	0.011	1919	0.011	1958	0.012	2121	0.012	1839	0.012	1399	0.010	1391	0.008	1247	0.008	1046	0.008
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	290	0.020	203	0.020	145	0.019	106	0.021	96	0.019	117	0.020	274	0.021	774	0.022	896	0.021	772	0.022	745	0.022	687	0.020	677	0.019	811	0.019	899	0.021	870	0.023	789	0.022	804	0.023	878	0.023	728	0.021	563	0.021	567	0.019	540	0.021	453	0.020
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	290	0.020	203	0.020	145	0.019	106	0.021	96	0.019	117	0.020	274	0.021	774	0.022	896	0.021	772	0.022	745	0.022	687	0.020	677	0.019	811	0.019	899	0.021	870	0.023	789	0.022	804	0.023	878	0.023	728	0.021	563	0.021	567	0.019	540	0.021	453	0.020
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	290	0.020	203	0.020	145	0.019	106	0.021	96	0.019	117	0.020	274	0.021	774	0.022	896	0.021	772	0.022	745	0.022	687	0.020	677	0.019	811	0.019	899	0.021	870	0.023	789	0.022	804	0.023	878	0.023	728	0.021	563	0.021	567	0.019	540	0.021	453	0.020
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	290	0.020	203	0.020	145	0.019	106	0.021	96	0.019	117	0.020	274	0.021	774	0.022	896	0.021	772	0.022	745	0.022	687	0.020	677	0.019	811	0.019	899	0.021	870	0.023	789	0.022	804	0.023	878	0.023	728	0.021	563	0.021	567	0.019	540	0.021	453	0.020
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	165	0.024	116	0.023	83	0.022	61	0.024	59	0.022	71	0.023	168	0.024	474	0.025	520	0.024	453	0.025	435	0.025	387	0.023	387	0.022	433	0.023	511	0.026	502	0.028	433	0.025	453	0.026	490	0.027	390	0.024	304	0.024	303	0.023	307	0.025	258	0.025
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	138	0.013	97	0.012	69	0.012	49	0.014	40	0.013	49	0.013	115	0.014	326	0.015	409	0.015	349	0.016	337	0.016	327	0.016	315	0.015	416	0.013	427	0.014	404	0.016	390	0.016	384	0.016	424	0.016	370	0.016	284	0.015	291	0.013	257	0.013	215	0.013
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	421	0.014	295	0.014	211	0.014	147	0.015	128	0.015	155	0.015	364	0.016	1030	0.016	1269	0.017	1073	0.019	1034	0.018	1000	0.018	983	0.017	1257	0.015	1303	0.015	1207	0.017	1164	0.017	1161	0.018	1267	0.018	1103	0.017	853	0.016	879	0.014	784	0.015	658	0.015
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	421	0.014	295	0.014	211	0.014	147	0.015	128	0.015	155	0.015	364	0.016	1030	0.016	1269	0.017	1073	0.019	1034	0.018	1000	0.018	983	0.017	1257	0.015	1303	0.015	1207	0.017	1164	0.017	1161	0.018	1267	0.018	1103	0.017	853	0.016	879	0.014	784	0.015	658	0.015
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	421	0.014	295	0.014	211	0.014	147	0.015	128	0.015	155	0.015	364	0.016	1030	0.016	1269	0.017	1073	0.019	1034	0.018	1000	0.018	983	0.017	1257	0.015	1303	0.015	1207	0.017	1164	0.017	1161	0.018	1267	0.018	1103	0.017	853	0.016	879	0.014	784	0.015	658	0.015
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	651	0.016	455	0.016	325	0.015	228	0.016	205	0.016	249	0.016	584	0.017	1653	0.018	2006	0.019	1700	0.020	1638	0.019	1567	0.019	1548	0.018	1915	0.016	2013	0.016	1864	0.018	1773	0.018	1775	0.019	1934	0.018	1670	0.018	1296	0.017	1340	0.015	1211	0.016	1016	0.016
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	192	0.013	134	0.013	96	0.012	70	0.014	66	0.013	81	0.013	189	0.014	534	0.015	674	0.016	575	0.017	553	0.017	538	0.017	522	0.015	580	0.014	593	0.014	569	0.016	567	0.017	579	0.017	627	0.017	550	0.017	414	0.016	406	0.014	357	0.014	299	0.014
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	192	0.013	134	0.013	96	0.012	70	0.014	66	0.013	81	0.013	189	0.014	534	0.015	674	0.016	575	0.017	553	0.017	538	0.017	522	0.015	580	0.014	593	0.014	569	0.016	567	0.017	579	0.017	627	0.017	550	0.017	414	0.016	406	0.014	357	0.014	299	0.014
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	96	0.014	67	0.014	48	0.014	35	0.016	33	0.015	40	0.015	94	0.015	267	0.016	337	0.017	287	0.018	276	0.018	269	0.017	261	0.016	290	0.015	296	0.015	284	0.017	283	0.018	289	0.019	313	0.019	275	0.018	207	0.017	203	0.015	178	0.015	150	0.014
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	96	0.014	67	0.014	48	0.014	35	0.016	33	0.015	40	0.015	94	0.015	267	0.016	337	0.017	287	0.018	276	0.018	269	0.017	261	0.016	290	0.015	296	0.015	284	0.017	283	0.018	289	0.019	313	0.019	275	0.018	207	0.017	203	0.015	178	0.015	150	0.014
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	96	0.014	67	0.014	48	0.014	35	0.016	33	0.015	40	0.015	94	0.015	267	0.016	337	0.017	287	0.018	276	0.018	269	0.017	261	0.016	290	0.015	296	0.015	284	0.017	283	0.018	289	0.019	313	0.019	275	0.018	207	0.017	203	0.015	178	0.015	150	0.014
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	48	0.014	34	0.014	24	0.014	17	0.016	17	0.014	20	0.014	47	0.015	134	0.015	168	0.016	144	0.018	138	0.017	135	0.017	130	0.016	145	0.014	148	0.014	142	0.016	142	0.017	145	0.018	157	0.018	138	0.018	104	0.016	101	0.014	89	0.014	75	0.014
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	48	0.014	34	0.014	24	0.014	17	0.016	17	0.014	20	0.014	47	0.015	134	0.015	168	0.016	144	0.018	138	0.017	135	0.017	130	0.016	145	0.014	148	0.014	142	0.016	142	0.017	145	0.018	157	0.018	138	0.018	104	0.016	101	0.014	89	0.014	75	0.014
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	48	0.014	34	0.014	24	0.014	17	0.016	17	0.014	20	0.014	47	0.015	134	0.015	168	0.016	144	0.018	138	0.017	135	0.017	130	0.016	145	0.014	148	0.014	142	0.016	142	0.017	145	0.018	157	0.018	138	0.018	104	0.016	101	0.014	89	0.014	75	0.014

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2036 - For Sensitivity Test)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	48	0.014	34	0.014	24	0.014	17	0.016	17	0.014	20	0.014	47	0.015	134	0.015	168	0.016	144	0.018	138	0.017	135	0.017	130	0.016	145	0.014	148	0.014	142	0.016	142	0.017	145	0.018	157	0.018	138	0.018	104	0.016	101	0.014	89	0.014	75	0.014
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	476	0.013	333	0.013	238	0.013	168	0.014	164	0.012	199	0.013	468	0.013	1322	0.014	1586	0.014	1289	0.015	1266	0.015	1220	0.014	1228	0.013	1421	0.014	1473	0.014	1375	0.016	1319	0.016	1306	0.016	1435	0.017	1246	0.016	963	0.015	994	0.013	886	0.014	743	0.014
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	476	0.013	333	0.013	238	0.013	168	0.014	164	0.012	199	0.013	468	0.013	1322	0.014	1586	0.014	1289	0.015	1266	0.015	1220	0.014	1228	0.013	1421	0.014	1473	0.014	1375	0.016	1319	0.016	1306	0.016	1435	0.017	1246	0.016	963	0.015	994	0.013	886	0.014	743	0.014
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	476	0.013	333	0.013	238	0.013	168	0.014	164	0.012	199	0.013	468	0.013	1322	0.014	1586	0.014	1289	0.015	1266	0.015	1220	0.014	1228	0.013	1421	0.014	1473	0.014	1375	0.016	1319	0.016	1306	0.016	1435	0.017	1246	0.016	963	0.015	994	0.013	886	0.014	743	0.014
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	476	0.013	333	0.013	238	0.013	168	0.014	164	0.012	199	0.013	468	0.013	1322	0.014	1586	0.014	1289	0.015	1266	0.015	1220	0.014	1228	0.013	1421	0.014	1473	0.014	1375	0.016	1319	0.016	1306	0.016	1435	0.017	1246	0.016	963	0.015	994	0.013	886	0.014	743	0.014
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	476	0.013	333	0.013	238	0.013	168	0.014	164	0.012	199	0.013	468	0.013	1322	0.014	1586	0.014	1289	0.015	1266	0.015	1220	0.014	1228	0.013	1421	0.014	1473	0.014	1375	0.016	1319	0.016	1306	0.016	1435	0.017	1246	0.016	963	0.015	994	0.013	886	0.014	743	0.014
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	236	0.013	165	0.012	118	0.012	85	0.013	101	0.012	123	0.012	289	0.013	817	0.014	959	0.013	786	0.014	770	0.014	730	0.013	738	0.012	687	0.013	729	0.013	691	0.015	654	0.015	659	0.016	720	0.016	616	0.015	474	0.014	480	0.012	438	0.013	368	0.013
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	176	0.014	123	0.013	88	0.013	65	0.015	56	0.015	68	0.015	159	0.016	451	0.016	584	0.018	517	0.019	490	0.019	478	0.019	450	0.017	533	0.014	544	0.014	531	0.017	535	0.018	556	0.019	598	0.019	526	0.018	391	0.017	373	0.014	327	0.014	274	0.014
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	176	0.014	123	0.013	88	0.013	65	0.015	56	0.015	68	0.015	159	0.016	451	0.016	584	0.018	517	0.019	490	0.019	478	0.019	450	0.017	533	0.014	544	0.014	531	0.017	535	0.018	556	0.019	598	0.019	526	0.018	391	0.017	373	0.014	327	0.014	274	0.014
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	176	0.014	123	0.013	88	0.013	65	0.015	56	0.015	68	0.015	159	0.016	451	0.016	584	0.018	517	0.019	490	0.019	478	0.019	450	0.017	533	0.014	544	0.014	531	0.017	535	0.018	556	0.019	598	0.019	526	0.018	391	0.017	373	0.014	327	0.014	274	0.014
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	176	0.014	123	0.013	88	0.013	65	0.015	56	0.015	68	0.015	159	0.016	451	0.016	584	0.018	517	0.019	490	0.019	478	0.019	450	0.017	533	0.014	544	0.014	531	0.017	535	0.018	556	0.019	598	0.019	526	0.018	391	0.017	373	0.014	327	0.014	274	0.014
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	176	0.014	123	0.013	88	0.013	65	0.015	56	0.015	68	0.015	159	0.016	451	0.016	584	0.018	517	0.019	490	0.019	478	0.019	450	0.017	533	0.014	544	0.014	531	0.017	535	0.018	556	0.019	598	0.019	526	0.018	391	0.017	373	0.014	327	0.014	274	0.014
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	55	0.013	38	0.013	27	0.013	20	0.015	19	0.014	23	0.014	53	0.014	150	0.015	192	0.016	168	0.018	160	0.017	156	0.017	149	0.015	166	0.013	169	0.013	162	0.016	160	0.016	162	0.017	176	0.018	155	0.017	117	0.016	116	0.013	102	0.013	85	0.013
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	27	0.013	19	0.012	14	0.012	10	0.015	9	0.014	11	0.014	27	0.014	75	0.014	96	0.016	84	0.017	80	0.017	78	0.016	74	0.015	83	0.013	85	0.013	81	0.015	80	0.016	81	0.017	88	0.017	77	0.016	59	0.015	58	0.013	51	0.013	43	0.013
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	55	0.013	38	0.013	27	0.013	20	0.015	19	0.014	23	0.014	53	0.014	150	0.015	192	0.016	168	0.018	160	0.017	156	0.017	149	0.015	166	0.013	169	0.013	162	0.016	160	0.016	162	0.017	176	0.018	155	0.017	117	0.016	116	0.013	102	0.013	85	0.013
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	75	0.011	52	0.011	37	0.011	27	0.013	28	0.012	34	0.012	79	0.012	222	0.014	283	0.015	245	0.016	235	0.016	229	0.015	219	0.014	226	0.012	231	0.012	220	0.015	218	0.015	222	0.016	240	0.016	211	0.016	160	0.014	158	0.012	139	0.012	116	0.011
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	61	0.011	43	0.011	31	0.010	22	0.012	32	0.011	39	0.011	91	0.011	257	0.012	323	0.013	274	0.014	263	0.014	257	0.014	250	0.013	186	0.011	190	0.012	181	0.013	180	0.014	184	0.015	199	0.015	175	0.015	132	0.013	130	0.011	114	0.011	96	0.011
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	61	0.011	43	0.011	31	0.010	22	0.012	32	0.011	39	0.011	91	0.011	257	0.012	323	0.013	274	0.014	263	0.014	257	0.014	250	0.013	186	0.011	190	0.012	181	0.013	180	0.014	184	0.015	199	0.015	175	0.015	132	0.013	130	0.011	114	0.011	96	0.011
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	61	0.011	43	0.011	31	0.010	22	0.012	32	0.011	39	0.011	91	0.011	257	0.012	323	0.013	274	0.014	263	0.014	257	0.014	250	0.013	186	0.011	190	0.012	181	0.013	180	0.014	184	0.015	199	0.015	175	0.015	132	0.013	130	0.011	114	0.011	96	0.011
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	61	0.011	43	0.011	31	0.010	22	0.012	32	0.011	39	0.011	91	0.011	257	0.012	323	0.013	274	0.014	263	0.014	257	0.014	250	0.013	186	0.011	190	0.012	181	0.013	180	0.014	184	0.015	199	0.015	175	0.015	132	0.013	130	0.011	114	0.011	96	0.011
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	67	0.012	47	0.012	34	0.012	25	0.014	42	0.012	51	0.012	119	0.012	336	0.013	416	0.014	346	0.015	336	0.015	327	0.014	323	0.013	204	0.013	209	0.013	201	0.016	201	0.016	207	0.017	223	0.017	196	0.017	147	0.015	143	0.013	125	0.013	105	0.012
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	421	0.014	295	0.014	211	0.014	147	0.015	128	0.015	155	0.015	364	0.016	1030	0.016	1269	0.017	1073	0.019	1034	0.018	1000	0.018	983	0.017	1257	0.015	1303	0.015	1207	0.017	1164	0.017	1161	0.018	1267	0.018	1103	0.017	853	0.016	879	0.014	784	0.015	658	0.015
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	421	0.014	295	0.014	211	0.014	147	0.015	128	0.015	155	0.015	364	0.016	1030	0.016	1269	0.017	1073	0.019	1034	0.018	1000	0.018	983	0.017	1257	0.015	1303	0.015	1207	0.017	1164	0.017	1161	0.018	1267	0.018	1103	0.017	853	0.016	879	0.014	784	0.015	658	0.015
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.006	9	0.006	6	0.006	4	0.006	6	0.006	7	0.006	17	0.006	47	0.006	57	0.006	46	0.006	45	0.006	44	0.006	45	0.006	38	0.006	38	0.006	34	0.006	32	0.006	31	0.007	34	0.006	30	0.006	24	0.006	26	0.006	23	0.006	19	0.006
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.013	11	0.012	9	0.012	8	0.012
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	528	0.013	370	0.013	264	0.013	197	0.015	193	0.013	235	0.013	550	0.013	1556	0.014	1889	0.014	1587	0.015	1537	0.015	1474	0.014	1457	0.014	1558	0.014	1634	0.014	1614	0.017	1582	0.017	1647	0.018	1776	0.018	1532	0.017	1144	0.016	1089	0.014	983	0.014	824	0.014

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1519	0.132	1063	0.132	760	0.132	550	0.145	566	0.176	689	0.176	1616	0.176	4570	0.174	5684	0.173	4828	0.176	4647	0.175	4505	0.173	4402	0.171	4553	0.127	4701	0.131	4503	0.144	4416	0.144	4490	0.150	4878	0.149	4251	0.146	3219	0.141	3184	0.128	2827	0.132	2372	0.132
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1519	0.132	1063	0.132	760	0.132	550	0.145	566	0.176	689	0.176	1616	0.176	4570	0.174	5684	0.173	4828	0.176	4647	0.175	4505	0.173	4402	0.171	4553	0.127	4701	0.131	4503	0.144	4416	0.144	4490	0.150	4878	0.149	4251	0.146	3219	0.141	3184	0.128	2827	0.132	2372	0.132
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1519	0.132	1063	0.132	760	0.132	550	0.145	566	0.176	689	0.176	1616	0.176	4570	0.174	5684	0.173	4828	0.176	4647	0.175	4505	0.173	4402	0.171	4553	0.127	4701	0.131	4503	0.144	4416	0.144	4490	0.150	4878	0.149	4251	0.146	3219	0.141	3184	0.128	2827	0.132	2372	0.132
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1519	0.132	1063	0.132	760	0.132	550	0.145	566	0.176	689	0.176	1616	0.176	4570	0.174	5684	0.173	4828	0.176	4647	0.175	4505	0.173	4402	0.171	4553	0.127	4701	0.131	4503	0.144	4416	0.144	4490	0.150	4878	0.149	4251	0.146	3219	0.141	3184	0.128	2827	0.132	2372	0.132
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	365	0.231	256	0.227	183	0.223	134	0.247	146	0.276	177	0.276	415	0.286	1175	0.323	1443	0.339	1208	0.347	1171	0.335	1132	0.329	1117	0.319	1090	0.245	1131	0.255	1098	0.294	1073	0.295	1095	0.315	1191	0.319	1033	0.302	779	0.267	763	0.235	680	0.240	570	0.235
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	365	0.231	256	0.227	183	0.223	134	0.247	146	0.276	177	0.276	415	0.286	1175	0.323	1443	0.339	1208	0.347	1171	0.335	1132	0.329	1117	0.319	1090	0.245	1131	0.255	1098	0.294	1073	0.295	1095	0.315	1191	0.319	1033	0.302	779	0.267	763	0.235	680	0.240	570	0.235
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	365	0.231	256	0.227	183	0.223	134	0.247	146	0.276	177	0.276	415	0.286	1175	0.323	1443	0.339	1208	0.347	1171	0.335	1132	0.329	1117	0.319	1090	0.245	1131	0.255	1098	0.294	1073	0.295	1095	0.315	1191	0.319	1033	0.302	779	0.267	763	0.235	680	0.240	570	0.235
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	365	0.231	256	0.227	183	0.223	134	0.247	146	0.276	177	0.276	415	0.286	1175	0.323	1443	0.339	1208	0.347	1171	0.335	1132	0.329	1117	0.319	1090	0.245	1131	0.255	1098	0.294	1073	0.295	1095	0.315	1191	0.319	1033	0.302	779	0.267	763	0.235	680	0.240	570	0.235
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1154	0.120	808	0.120	577	0.120	416	0.133	421	0.163	512	0.163	1201	0.163	3395	0.161	4241	0.163	3621	0.166	3477	0.165	3373	0.163	3285	0.160	3462	0.117	3571	0.119	3406	0.132	3343	0.134	3396	0.140	3687	0.139	3217	0.137	2440	0.131	2422	0.117	2147	0.120	1801	0.120
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1154	0.120	808	0.120	577	0.120	416	0.133	421	0.163	512	0.163	1201	0.163	3395	0.161	4241	0.163	3621	0.166	3477	0.165	3373	0.163	3285	0.160	3462	0.117	3571	0.119	3406	0.132	3343	0.134	3396	0.140	3687	0.139	3217	0.137	2440	0.131	2422	0.117	2147	0.120	1801	0.120
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1154	0.120	808	0.120	577	0.120	416	0.133	421	0.163	512	0.163	1201	0.163	3395	0.161	4241	0.163	3621	0.166	3477	0.165	3373	0.163	3285	0.160	3462	0.117	3571	0.119	3406	0.132	3343	0.134	3396	0.140	3687	0.139	3217	0.137	2440	0.131	2422	0.117	2147	0.120	1801	0.120
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1154	0.120	808	0.120	577	0.120	416	0.133	421	0.163	512	0.163	1201	0.163	3395	0.161	4241	0.163	3621	0.166	3477	0.165	3373	0.163	3285	0.160	3462	0.117	3571	0.119	3406	0.132	3343	0.134	3396	0.140	3687	0.139	3217	0.137	2440	0.131	2422	0.117	2147	0.120	1801	0.120
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	298	0.184	209	0.178	149	0.174	106	0.191	114	0.220	138	0.220	324	0.240	917	0.302	1153	0.353	978	0.371	941	0.350	918	0.349	895	0.315	902	0.225	922	0.224	863	0.258	853	0.274	861	0.298	935	0.299	822	0.289	627	0.248	631	0.210	555	0.204	465	0.196
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	298	0.184	209	0.178	149	0.174	106	0.191	114	0.220	138	0.220	324	0.240	917	0.302	1153	0.353	978	0.371	941	0.350	918	0.349	895	0.315	902	0.225	922	0.224	863	0.258	853	0.274	861	0.298	935	0.299	822	0.289	627	0.248	631	0.210	555	0.204	465	0.196
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1452	0.121	1016	0.121	726	0.121	522	0.133	534	0.161	650	0.161	1525	0.161	4312	0.160	5394	0.160	4599	0.164	4417	0.164	4291	0.162	4180	0.159	4365	0.119	4493	0.121	4269	0.133	4196	0.134	4257	0.140	4622	0.139	4039	0.137	3067	0.132	3053	0.119	2702	0.121	2267	0.121
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1452	0.121	1016	0.121	726	0.121	522	0.133	534	0.161	650	0.161	1525	0.161	4312	0.160	5394	0.160	4599	0.164	4417	0.164	4291	0.162	4180	0.159	4365	0.119	4493	0.121	4269	0.133	4196	0.134	4257	0.140	4622	0.139	4039	0.137	3067	0.132	3053	0.119	2702	0.121	2267	0.121
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1502	0.097	1052	0.097	751	0.097	535	0.109	489	0.135	595	0.135	1396	0.135	3947	0.135	4935	0.137	4206	0.144	4039	0.143	3924	0.141	3827	0.135	4522	0.095	4648	0.097	4375	0.109	4326	0.113	4412	0.121	4764	0.118	4178	0.117	3175	0.111	3163	0.095	2796	0.097	2345	0.097
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1502	0.097	1052	0.097	751	0.097	535	0.109	489	0.135	595	0.135	1396	0.135	3947	0.135	4935	0.137	4206	0.144	4039	0.143	3924	0.141	3827	0.135	4522	0.095	4648	0.097	4375	0.109	4326	0.113	4412	0.121	4764	0.118	4178	0.117	3175	0.111	3163	0.095	2796	0.097	2345	0.097
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	228	0.183	160	0.183	114	0.180	84	0.205	66	0.215	80	0.215	188	0.220	532	0.239	673	0.264	577	0.276	553	0.270	540	0.270	522	0.248	693	0.204	706	0.208	691	0.240	704	0.257	740	0.288	790	0.288	696	0.279	515	0.241	485	0.196	425	0.195	356	0.191
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	228	0.183	160	0.183	114	0.180	84	0.205	66	0.215	80	0.215	188	0.220	532	0.239	673	0.264	577	0.276	553	0.270	540	0.270	522	0.248	693	0.204	706	0.208	691	0.240	704	0.257	740	0.288	790	0.288	696	0.279	515	0.241	485	0.196	425	0.195	356	0.191
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1274	0.092	892	0.092	637	0.092	450	0.104	423	0.132	515	0.132	1208	0.132	3415	0.131	4262	0.136	3629	0.142	3486	0.140	3384	0.138	3305	0.132	3829	0.089	3942	0.091	3684	0.104	3622	0.107	3672	0.116	3974	0.114	3482	0.111	2660	0.105	2678	0.089	2371	0.092	1989	0.092
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	221	0.172	154	0.166	110	0.163	76	0.184	78	0.255	95	0.255	222	0.270	627	0.323	765	0.339	645	0.347	622	0.339	598	0.327	592	0.305	654	0.180	683	0.202	621	0.226	590	0.220	583	0.244	637	0.243	553	0.217	433	0.201	457	0.172	411	0.186	345	0.179
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	221	0.172	154	0.166	110	0.163	76	0.184	78	0.255	95	0.255	222	0.270	627	0.323	765	0.339	645	0.347	622	0.339	598	0.327	592	0.305	654	0.180	683	0.202	621	0.226	590	0.220	583	0.244	637	0.243	553	0.217	433	0.201	457	0.172	411	0.186	345	0.179
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	303	0.164	212	0.158	151	0.154	109	0.177	90	0.222	110	0.227	258	0.243	729	0.297	916	0.345	778	0.350	750	0.342	730	0.330	708	0.308	917	0.204	937	0.204	892	0.255	885	0.274	899	0.314	975	0.305	856	0.293	648	0.244	641	0.189	564	0.184	473	0.180
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1797	0.098	1258	0.098	899	0.098	635	0.110	591	0.143	720	0.143	1688	0.143	4772	0.142	5942	0.146	5052	0.151	4858	0.148	4713	0.146	4606	0.141	5399	0.094	5562	0.097	5197	0.110	5097	0.112	5154	0.121	5587	0.119	4891	0.115	3741	0.109	3777	0.095	3345	0.098	2806	0.098
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1797	0.098	1258	0.098	899	0.098	635	0.110	591	0.143	720	0.143	1688	0.143	4772	0.142	5942	0.146	5052	0.151	4858	0.148	4713	0.146	4606	0.141	5399	0.094	5562	0.097	5197	0.110	5097	0.112	5154	0.121	5587	0.119	4891	0.115	3741	0.109	3777	0.095	3345	0.098	2806	0.098
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1797	0.098	1258	0.098	899	0.098	635	0.110	591	0.143	720	0.143	1688	0.143	4772	0.142	5942	0.146	5052	0.151	4858	0.148	4713	0.146	4606	0.141	5399	0.094	5562	0.097	5197	0.110	5097	0.112	5154	0.121	5587	0.119	4891	0.115	3741	0.109	3777	0.095	3345	0.098	2806	0.098
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	540	0.253	378	0.249	270	0.244	202	0.268	197	0.278	240	0.278	563	0.288	1593	0.333	1933	0.352	1624	0.360	1573	0.346	1508	0.341	1491	0.329	1594	0.284	1672	0.300	1652	0.336	1619	0.341	1686	0.373	1817	0.367	1568	0.350	1171	0.316	1115	0.266	1006	0.274	843	0.263
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	540	0.253	378	0.249	270	0.244	202	0.268	197	0.278	240	0.278	563	0.288	1593	0.333	1933	0.352	1624	0.360	1573	0.346	1508	0.341	1491	0.329	1594	0.284	1672	0.300	1652	0.336	1619	0.341	1686	0.373	1817	0.367	1568	0.350	1171	0.316	1115	0.266	1006	0.274	843	0.263
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	425	0.208	297	0.200	212	0.197	153	0.220	139	0.276	169	0.276	397	0.293	1122	0.344	1372	0.365	1186	0.378	1137	0.372	1083	0.353	1052	0.338	1246	0.228	1314	0.240	1251	0.281	1203	0.277	1232	0.309	1332	0.302	1147	0.285	875	0.255	871	0.213	791	0.225	663	0.216
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	425	0.208	297	0.200	212	0.197	153	0.220	139	0.276	169	0.276	397	0.293	1122	0.344	1372	0.365	1186	0.378	1137	0.372	1083	0.353	1052	0.338	1246	0.228	1314	0.240	1251	0.281	1203	0.277	1232	0.309	1332	0.302	1147	0.285	875	0.255	871	0.213	791	0.225	663	0.216
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	399	0.274	279	0.264	199	0.259	150	0.280	158	0.307	193	0.307	452	0.325	1278	0.385	1564	0.411	1329	0.416	1282	0.401	1230	0.398	1204	0.377	1175	0.311	1234	0.317	1225	0.359	1201	0.367	1253	0.386	1350	0.392	1164	0.377	867	0.333	822	0.291	742	0.290	623	0.285
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	399	0.274	279	0.264	199	0.259	150	0.280	158	0.307	193	0.307	452	0.325	1278	0.385	1564	0.411	1329	0.416	1282	0.401	1230	0.398	1204	0.377	1175	0.311	1234	0.317	1225	0.359	1201	0.367	1253	0.386	1350	0.392	1164	0.377	867	0.333	822	0.291	742	0.290	623	0.285
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	399	0.274	279	0.264	199	0.259	150	0.280	158	0.307	193	0.307	452	0.325	1278	0.385	1564	0.411	1329	0.416	1282	0.401	1230	0.398	1204	0.377	1175	0.311	1234	0.317	1225	0.359	1201	0.367	1253	0.386	1350	0.392	1164	0.377	867	0.333	822	0.291	742	0.290	623	0.285
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	399	0.274	279	0.264	199	0.259	150	0.280	158	0.307	193	0.307	452	0.325	1278	0.385	1564	0.411	1329	0.416	1282	0.401	1230	0.398	1204	0.377	1175	0.311	1234	0.317	1225	0.359	1201	0.367	1253	0.386	1350	0.392	1164	0.377	867	0.333	822	0.291	742	0.290	623	0.285
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	399	0.274	279	0.264	199	0.259	150	0.280	158	0.307	193	0.307	452	0.325	1278	0.385	1564	0.411	1329	0.416	1282	0.401	1230	0.398	1204	0.377	1175	0.311	1234	0.317	1225	0.359	1201	0.367	1253	0.386	1350	0.392	1164	0.377	867	0.333	822	0.291	742	0.290	623	0.285
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	225	0.254	158	0.250	113	0.245	83	0.264	81	0.316	98	0.316	231	0.328	652	0.363	795	0.382	696	0.385	665	0.382	629	0.368	605	0.359	650	0.264	697	0.279	678	0.304	651	0.305	680	0.331	730	0.325	623	0.312	471	0.287	455	0.254	419	0.263	351	0.259
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	225	0.254	158	0.250	113	0.245	83	0.264	81	0.316	98	0.316	231	0.328	652	0.363	795	0.382	696	0.385	665	0.382	629	0.368	605	0.359	650	0.264	697	0.279	678	0.304	651	0.305	680	0.331	730	0.325	623	0.312	471	0.287	455	0.254	419	0.263	351	0.259
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	225	0.254	158	0.250	113	0.245	83	0.264	81	0.316	98	0.316	231	0.328	652	0.363	795	0.382	696	0.385	665	0.382	629	0.368	605	0.359	650	0.264	697	0.279	678	0.304	651	0.305	680	0.331	730	0.325	623	0.312	471	0.287	455	0.254	419	0.263	351	0.259
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	528	0.209	370	0.201	264	0.197	192	0.217	171	0.269	208	0.275	488	0.292	1381	0.355	1710	0.387	1475	0.399	1416	0.392	1359	0.377	1314	0.349	1567	0.244	1634	0.249	1570	0.295	1536	0.308	1579	0.335	1705	0.337	1479	0.313	1118	0.276	1096	0.227	983	0.227	824	0.222
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	528	0.209	370	0.201	264	0.197	192	0.217	171	0.269	208	0.275	488	0.292	1381	0.355	1710	0.387	1475	0.399	1416	0.392	1359	0.377	1314	0.349	1567	0.244	1634	0.249	1570	0.295	1536	0.308	1579	0.335	1705	0.337	1479	0.313	1118	0.276	1096	0.227	983	0.227	824	0.222
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	528	0.209	370	0.201	264	0.197	192	0.217	171	0.269	208	0.275	488	0.292	1381	0.355	1710	0.387	1475	0.399	1416	0.392	1359	0.377	1314	0.349	1567	0.244	1634	0.249	1570	0.295	1536	0.308	1579	0.335	1705	0.337	1479	0.313	1118	0.276	1096	0.227	983	0.227	824	0.222
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	197	0.281	138	0.281	99	0.276	75	0.297	91	0.300	110	0.300	259	0.311	732	0.352	902	0.370	772	0.378	742	0.364	713	0.358	694	0.339	582	0.299	611	0.310	616	0.346	613	0.347	653	0.374	697	0.369	602	0.353	443	0.324	407	0.287	367	0.292	308	0.292
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	197	0.281	138	0.281	99	0.276	75	0.297	91	0.300	110	0.300	259	0.311	732	0.352	902	0.370	772	0.378	742	0.364	713	0.358	694	0.339	582	0.299	611	0.310	616	0.346	613	0.347	653	0.374	697	0.369	602	0.353	443	0.324	407	0.287	367	0.292	308	0.292
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	336	0.209	235	0.205	168	0.201	122	0.222	115	0.249	140	0.253	328	0.264	928	0.308	1135	0.321	968	0.334	932	0.328	893	0.322	874	0.298	991	0.231	1039	0.242	999	0.277	975	0.282	1007	0.317	1085	0.309	938	0.293	709	0.261	693	0.216	625	0.222	524	0.217
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	336	0.209	235	0.205	168	0.201	122	0.222	115	0.249	140	0.253	328	0.264	928	0.308	1135	0.321	968	0.334	932	0.328	893	0.322	874	0.298	991	0.231	1039	0.242	999	0.277	975	0.282	1007	0.317	1085	0.309	938	0.293	709	0.261	693	0.216	625	0.222	524	0.217
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	196	0.273	137	0.273	98	0.268	75	0.289	96	0.299	116	0.299	273	0.311	772	0.351	954	0.371	815	0.377	784	0.373	755	0.359	735	0.349	580	0.293	606	0.301	614	0.337	616	0.341	658	0.369	701	0.364	607	0.349	445	0.319	406	0.281	365	0.283	306	0.283
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	196	0.273	137	0.273	98	0.268	75	0.289	96	0.299	116	0.299	273	0.311	772	0.351	954	0.371	815	0.377	784	0.373	755	0.359	735	0.349	580	0.293	606	0.301	614	0.337	616	0.341	658	0.369	701	0.364	607	0.349	445	0.319	406	0.281	365	0.283	306	0.283
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	196	0.273	137	0.273	98	0.268	75	0.289	96	0.299	116	0.299	273	0.311	772	0.351	954	0.371	815	0.377	784	0.373	755	0.359	735	0.349	580	0.293	606	0.301	614	0.337	616	0.341	658	0.369	701	0.364	607	0.349	445	0.319	406	0.281	365	0.283	306	0.283
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	196	0.273	137	0.273	98	0.268	75	0.289	96	0.299	116	0.299	273	0.311	772	0.351	954	0.371	815	0.377	784	0.373	755	0.359	735	0.349	580	0.293	606	0.301	614	0.337	616	0.341	658	0.369	701	0.364	607	0.349	445	0.319	406	0.281	365	0.283	306	0.283
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	300	0.193	210	0.189	150	0.189	109	0.210	119	0.250	145	0.255	341	0.265	964	0.309	1188	0.323	1007	0.335	971	0.329	937	0.324	919	0.301	894	0.215	929	0.223	888	0.257	873	0.264	900	0.297	970	0.289	844	0.275	638	0.245	625	0.201	559	0.204	469	0.200
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	300	0.193	210	0.189	150	0.189	109	0.210	119	0.250	145	0.255	341	0.265	964	0.309	1188	0.323	1007	0.335	971	0.329	937	0.324	919	0.301	894	0.215	929	0.223	888	0.257	873	0.264	900	0.297	970	0.289	844	0.275	638	0.245	625	0.201	559	0.204	469	0.200
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	300	0.193	210	0.189	150	0.189	109	0.210	119	0.250	145	0.255	341	0.265	964	0.309	1188	0.323	1007	0.335	971	0.329	937	0.324	919	0.301	894	0.215	929	0.223	888	0.257	873	0.264	900	0.297	970	0.289	844	0.275	638	0.245	625	0.201	559	0.204	469	0.200
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	187	0.261	131	0.261	94	0.256	71	0.278	104	0.295	126	0.295	296	0.306	838	0.353	1029	0.364	869	0.369	840	0.366	809	0.361	794	0.343	554	0.273	580	0.288	579	0.317	578	0.320	615	0.348	656	0.351	568	0.336	419	0.300	388	0.262	349	0.271	292	0.266
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	300	0.193	210	0.189	150	0.189	109	0.210	119	0.250	145	0.255	341	0.265	964	0.309	1188	0.323	1007	0.335	971	0.329	937	0.324	919	0.301	894	0.215	929	0.223	888	0.257	873	0.264	900	0.297	970	0.289	844	0.275	638	0.245	625	0.201	559	0.204	469	0.200
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	155	0.274	108	0.269	77	0.269	57	0.288	51	0.340	62	0.340	146	0.346	414	0.367	506	0.383	451	0.383	428	0.381	403	0.368	385	0.362	442	0.273	479	0.293	464	0.316	434	0.304	447	0.325	484	0.321	409	0.304	312	0.290	309	0.264	288	0.278	242	0.278
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	74	0.355	52	0.355	37	0.349	28	0.364	27	0.353	33	0.353	78	0.359	221	0.373	274	0.362	239	0.373	228	0.370	218	0.360	210	0.356	217	0.347	230	0.367	230	0.385	225	0.371	237	0.383	255	0.380	218	0.368	162	0.357	152	0.341	138	0.361	116	0.355
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.205	28	0.205	20	0.199	14	0.241	16	0.301	20	0.301	46	0.312	130	0.336	164	0.390	141	0.446	135	0.426	132	0.409	128	0.368	119	0.219	122	0.218	112	0.267	110	0.297	111	0.340	120	0.324	106	0.324	81	0.281	84	0.213	73	0.211	62	0.205
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.205	28	0.205	20	0.199	14	0.241	16	0.301	20	0.301	46	0.312	130	0.336	164	0.390	141	0.446	135	0.426	132	0.409	128	0.368	119	0.219	122	0.218	112	0.267	110	0.297	111	0.340	120	0.324	106	0.324	81	0.281	84	0.213	73	0.211	62	0.205
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	230	0.398	161	0.395	115	0.395	81	0.448	81	0.525	99	0.525	232	0.529	656	0.547	773	0.564	654	0.617	631	0.592	594	0.577	594	0.539	660	0.380	712	0.411	659	0.463	611	0.464	615	0.512	668	0.501	567	0.478	444	0.442	461	0.373	428	0.401	359	0.401
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	230	0.398	161	0.395	115	0.395	81	0.448	81	0.525	99	0.525	232	0.529	656	0.547	773	0.564	654	0.617	631	0.592	594	0.577	594	0.539	660	0.380	712	0.411	659	0.463	611	0.464	615	0.512	668	0.501	567	0.478	444	0.442	461	0.373	428	0.401	359	0.401
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	306	0.365	214	0.365	153	0.362	106	0.412	107	0.487	131	0.487	306	0.491	866	0.517	1030	0.545	863	0.590	835	0.571	794	0.553	795	0.514	890	0.358	948	0.384	869	0.434	813	0.439	811	0.484	884	0.474	757	0.450	593	0.418	623	0.352	570	0.371	478	0.371
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	686	0.211	480	0.203	343	0.200	247	0.222	237	0.255	289	0.255	677	0.270	1914	0.323	2348	0.348	1989	0.360	1918	0.344	1846	0.339	1813	0.315	2035	0.242	2122	0.249	2020	0.284	1964	0.291	2003	0.314	2170	0.316	1882	0.301	1432	0.269	1423	0.226	1276	0.228	1071	0.224
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	297	0.766	208	0.766	149	0.733	109	0.817	98	0.939	120	0.950	280	1.014	793	1.064	917	1.063	790	1.132	762	1.113	703	1.083	693	1.017	830	0.733	920	0.800	891	0.909	808	0.886	823	0.955	899	0.940	745	0.895	576	0.836	581	0.721	553	0.788	464	0.777
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	297	0.766	208	0.766	149	0.733	109	0.817	98	0.939	120	0.950	280	1.014	793	1.064	917	1.063	790	1.132	762	1.113	703	1.083	693	1.017	830	0.733	920	0.800	891	0.909	808	0.886	823	0.955	899	0.940	745	0.895	576	0.836	581	0.721	553	0.788	464	0.777
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	297	0.766	208	0.766	149	0.733	109	0.817	98	0.939	120	0.950	280	1.014	793	1.064	917	1.063	790	1.132	762	1.113	703	1.083	693	1.017	830	0.733	920	0.800	891	0.909	808	0.886	823	0.955	899	0.940	745	0.895	576	0.836	581	0.721	553	0.788	464	0.777
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	297	0.766	208	0.766	149	0.733	109	0.817	98	0.939	120	0.950	280	1.014	793	1.064	917	1.063	790	1.132	762	1.113	703	1.083	693	1.017	830	0.733	920	0.800	891	0.909	808	0.886	823	0.955	899	0.940	745	0.895	576	0.836	581	0.721	553	0.788	464	0.777
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	169	0.949	118	0.920	85	0.911	63	0.979	60	1.020	73	1.030	172	1.110	485	1.141	532	1.115	463	1.159	446	1.143	396	1.100	396	1.068	443	0.882	523	0.989	514	1.078	443	1.018	464	1.084	502	1.083	399	1.010	311	0.980	310	0.882	315	0.976	264	0.964
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	141	0.467	99	0.454	71	0.448	50	0.535	41	0.757	50	0.768	118	0.802	334	0.894	419	0.943	357	1.016	345	0.995	335	0.990	322	0.924	426	0.513	437	0.513	413	0.628	399	0.657	393	0.710	434	0.702	379	0.691	291	0.620	298	0.503	263	0.504	220	0.504
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	431	0.447	302	0.423	216	0.412	151	0.494	131	0.617	159	0.625	373	0.671	1054	0.706	1299	0.776	1098	0.875	1058	0.841	1023	0.818	1006	0.743	1286	0.454	1334	0.462	1235	0.566	1191	0.608	1188	0.687	1296	0.662	1129	0.653	873	0.579	900	0.447	802	0.455	673	0.447
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	431	0.447	302	0.423	216	0.412	151	0.494	131	0.617	159	0.625	373	0.671	1054	0.706	1299	0.776	1098	0.875	1058	0.841	1023	0.818	1006	0.743	1286	0.454	1334	0.462	1235	0.566	1191	0.608	1188	0.687	1296	0.662	1129	0.653	873	0.579	900	0.447	802	0.455	673	0.447
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	431	0.447	302	0.423	216	0.412	151	0.494	131	0.617	159	0.625	373	0.671	1054	0.706	1299	0.776	1098	0.875	1058	0.841	1023	0.818	1006	0.743	1286	0.454	1334	0.462	1235	0.566	1191	0.608	1188	0.687	1296	0.662	1129	0.653	873	0.579	900	0.447	802	0.455	673	0.447
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	666	0.461	466	0.461	333	0.436	233	0.504	209	0.622	255	0.630	598	0.681	1691	0.717	2052	0.780	1739	0.860	1676	0.828	1604	0.818	1584	0.746	1960	0.468	2060	0.483	1907	0.579	1815	0.611	1816	0.686	1979	0.662	1709	0.650	1326	0.582	1371	0.460	1239	0.475	1039	0.468
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	196	0.515	137	0.491	98	0.477	71	0.579	68	0.669	82	0.678	193	0.762	547	0.792	689	0.857	588	0.949	565	0.919	551	0.916	534	0.839	594	0.556	607	0.553	582	0.687	580	0.748	593	0.837	642	0.810	563	0.805	424	0.714	415	0.546	365	0.543	306	0.533
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	196	0.515	137	0.491	98	0.477	71	0.579	68	0.669	82	0.678	193	0.762	547	0.792	689	0.857	588	0.949	565	0.919	551	0.916	534	0.839	594	0.556	607	0.553	582	0.687	580	0.748	593	0.837	642	0.810	563	0.805	424	0.714	415	0.546	365	0.543	306	0.533
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	98	0.553	69	0.553	49	0.543	36	0.674	34	0.777	41	0.777	97	0.792	273	0.842	345	0.931	294	1.033	283	0.978	276	0.975	267	0.892	297	0.590	303	0.587	291	0.731	290	0.796	296	0.912	321	0.882	282	0.858	212	0.775	208	0.590	182	0.575	153	0.564
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	98	0.553	69	0.553	49	0.543	36	0.674	34	0.777	41	0.777	97	0.792	273	0.842	345	0.931	294	1.033	283	0.978	276	0.975	267	0.892	297	0.590	303	0.587	291	0.731	290	0.796	296	0.912	321	0.882	282	0.858	212	0.775	208	0.590	182	0.575	153	0.564
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	98	0.553	69	0.553	49	0.543	36	0.674	34	0.777	41	0.777	97	0.792	273	0.842	345	0.931	294	1.033	283	0.978	276	0.975	267	0.892	297	0.590	303	0.587	291	0.731	290	0.796	296	0.912	321	0.882	282	0.858	212	0.775	208	0.590	182	0.575	153	0.564
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	49	0.543	34	0.543	25	0.543	18	0.661	17	0.762	21	0.777	48	0.777	137	0.808	172	0.892	147	0.989	141	0.957	138	0.954	133	0.856	148	0.567	152	0.564	146	0.715	145	0.779	148	0.873	160	0.844	141	0.839	106	0.743	104	0.556	91	0.553	77	0.553
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	49	0.543	34	0.543	25	0.543	18	0.661	17	0.762	21	0.777	48	0.777	137	0.808	172	0.892	147	0.989	141	0.957	138	0.954	133	0.856	148	0.567	152	0.564	146	0.715	145	0.779	148	0.873	160	0.844	141	0.839	106	0.743	104	0.556	91	0.553	77	0.553
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	49	0.543	34	0.543	25	0.543	18	0.661	17	0.762	21	0.777	48	0.777	137	0.808	172	0.892	147	0.989	141	0.957	138	0.954	133	0.856	148	0.567	152	0.564	146	0.715	145	0.779	148	0.873	160	0.844	141	0.839	106	0.743	104	0.556	91	0.553	77	0.553

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour NO Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	49	0.543	34	0.543	25	0.543	18	0.661	17	0.762	21	0.777	48	0.777	137	0.808	172	0.892	147	0.989	141	0.957	138	0.954	133	0.856	148	0.567	152	0.564	146	0.715	145	0.779	148	0.873	160	0.844	141	0.839	106	0.743	104	0.556	91	0.553	77	0.553
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	487	0.680	341	0.670	244	0.670	172	0.748	168	0.809	204	0.841	479	0.854	1353	0.914	1624	0.904	1319	0.960	1296	0.942	1249	0.876	1257	0.835	1454	0.660	1508	0.725	1407	0.846	1350	0.822	1337	0.903	1468	0.902	1275	0.834	986	0.755	1017	0.637	907	0.701	761	0.690
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	487	0.680	341	0.670	244	0.670	172	0.748	168	0.809	204	0.841	479	0.854	1353	0.914	1624	0.904	1319	0.960	1296	0.942	1249	0.876	1257	0.835	1454	0.660	1508	0.725	1407	0.846	1350	0.822	1337	0.903	1468	0.902	1275	0.834	986	0.755	1017	0.637	907	0.701	761	0.690
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	487	0.680	341	0.670	244	0.670	172	0.748	168	0.809	204	0.841	479	0.854	1353	0.914	1624	0.904	1319	0.960	1296	0.942	1249	0.876	1257	0.835	1454	0.660	1508	0.725	1407	0.846	1350	0.822	1337	0.903	1468	0.902	1275	0.834	986	0.755	1017	0.637	907	0.701	761	0.690
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	487	0.680	341	0.670	244	0.670	172	0.748	168	0.809	204	0.841	479	0.854	1353	0.914	1624	0.904	1319	0.960	1296	0.942	1249	0.876	1257	0.835	1454	0.660	1508	0.725	1407	0.846	1350	0.822	1337	0.903	1468	0.902	1275	0.834	986	0.755	1017	0.637	907	0.701	761	0.690
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	487	0.680	341	0.670	244	0.670	172	0.748	168	0.809	204	0.841	479	0.854	1353	0.914	1624	0.904	1319	0.960	1296	0.942	1249	0.876	1257	0.835	1454	0.660	1508	0.725	1407	0.846	1350	0.822	1337	0.903	1468	0.902	1275	0.834	986	0.755	1017	0.637	907	0.701	761	0.690
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	241	1.168	169	1.135	121	1.112	86	1.218	104	1.241	126	1.266	296	1.317	836	1.371	982	1.265	804	1.352	788	1.325	747	1.186	755	1.165	703	1.028	746	1.198	708	1.332	669	1.212	675	1.320	736	1.313	630	1.176	485	1.133	492	1.013	449	1.182	376	1.182
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	180	0.568	126	0.551	90	0.536	66	0.655	57	0.815	70	0.826	163	0.893	461	0.948	598	1.047	529	1.153	501	1.118	489	1.116	461	1.009	545	0.614	557	0.610	543	0.774	548	0.849	569	0.953	612	0.919	538	0.916	400	0.813	381	0.614	335	0.599	281	0.599
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	180	0.568	126	0.551	90	0.536	66	0.655	57	0.815	70	0.826	163	0.893	461	0.948	598	1.047	529	1.153	501	1.118	489	1.116	461	1.009	545	0.614	557	0.610	543	0.774	548	0.849	569	0.953	612	0.919	538	0.916	400	0.813	381	0.614	335	0.599	281	0.599
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	180	0.568	126	0.551	90	0.536	66	0.655	57	0.815	70	0.826	163	0.893	461	0.948	598	1.047	529	1.153	501	1.118	489	1.116	461	1.009	545	0.614	557	0.610	543	0.774	548	0.849	569	0.953	612	0.919	538	0.916	400	0.813	381	0.614	335	0.599	281	0.599
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	180	0.568	126	0.551	90	0.536	66	0.655	57	0.815	70	0.826	163	0.893	461	0.948	598	1.047	529	1.153	501	1.118	489	1.116	461	1.009	545	0.614	557	0.610	543	0.774	548	0.849	569	0.953	612	0.919	538	0.916	400	0.813	381	0.614	335	0.599	281	0.599
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	180	0.568	126	0.551	90	0.536	66	0.655	57	0.815	70	0.826	163	0.893	461	0.948	598	1.047	529	1.153	501	1.118	489	1.116	461	1.009	545	0.614	557	0.610	543	0.774	548	0.849	569	0.953	612	0.919	538	0.916	400	0.813	381	0.614	335	0.599	281	0.599
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	56	0.633	39	0.633	28	0.633	20	0.743	19	0.988	23	1.007	54	1.007	153	1.068	197	1.163	172	1.260	164	1.227	160	1.200	152	1.122	170	0.672	173	0.670	166	0.802	164	0.861	166	0.949	181	0.942	158	0.917	120	0.824	119	0.659	104	0.644	87	0.644
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	28	0.633	20	0.621	14	0.621	10	0.743	10	0.988	12	0.988	27	1.007	77	1.026	98	1.116	86	1.186	82	1.155	80	1.153	76	1.079	85	0.647	87	0.644	83	0.771	82	0.827	83	0.911	90	0.886	79	0.881	60	0.793	59	0.635	52	0.633	44	0.633
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	56	0.633	39	0.633	28	0.633	20	0.743	19	0.988	23	1.007	54	1.007	153	1.068	197	1.163	172	1.260	164	1.227	160	1.200	152	1.122	170	0.672	173	0.670	166	0.802	164	0.861	166	0.949	181	0.942	158	0.917	120	0.824	119	0.659	104	0.644	87	0.644
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	76	0.542	53	0.535	38	0.535	28	0.627	28	0.801	34	0.811	80	0.832	227	0.934	290	0.996	251	1.081	240	1.053	234	1.051	224	0.981	231	0.613	236	0.610	225	0.729	223	0.784	227	0.864	246	0.839	216	0.835	163	0.724	162	0.575	142	0.564	119	0.556
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	63	0.540	44	0.533	31	0.526	23	0.616	33	0.719	40	0.719	93	0.749	263	0.828	330	0.897	280	0.956	270	0.931	263	0.929	256	0.867	190	0.593	195	0.591	185	0.694	184	0.743	188	0.851	203	0.826	179	0.788	135	0.703	133	0.566	117	0.555	98	0.547
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	63	0.540	44	0.533	31	0.526	23	0.616	33	0.719	40	0.719	93	0.749	263	0.828	330	0.897	280	0.956	270	0.931	263	0.929	256	0.867	190	0.593	195	0.591	185	0.694	184	0.743	188	0.851	203	0.826	179	0.788	135	0.703	133	0.566	117	0.555	98	0.547
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	63	0.540	44	0.533	31	0.526	23	0.616	33	0.719	40	0.719	93	0.749	263	0.828	330	0.897	280	0.956	270	0.931	263	0.929	256	0.867	190	0.593	195	0.591	185	0.694	184	0.743	188	0.851	203	0.826	179	0.788	135	0.703	133	0.566	117	0.555	98	0.547
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	63	0.540	44	0.533	31	0.526	23	0.616	33	0.719	40	0.719	93	0.749	263	0.828	330	0.897	280	0.956	270	0.931	263	0.929	256	0.867	190	0.593	195	0.591	185	0.694	184	0.743	188	0.851	203	0.826	179	0.788	135	0.703	133	0.566	117	0.555	98	0.547
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	69	0.513	48	0.506	34	0.506	25	0.612	43	0.648	52	0.648	122	0.684	344	0.755	426	0.805	354	0.881	344	0.857	335	0.853	331	0.789	209	0.583	214	0.578	205	0.713	206	0.781	212	0.877	228	0.845	201	0.843	151	0.720	146	0.546	128	0.534	108	0.527
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	431	0.447	302	0.423	216	0.412	151	0.494	131	0.617	159	0.625	373	0.671	1054	0.706	1299	0.776	1098	0.875	1058	0.841	1023	0.818	1006	0.743	1286	0.454	1334	0.462	1235	0.566	1191	0.608	1188	0.687	1296	0.662	1129	0.653	873	0.579	900	0.447	802	0.455	673	0.447
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	431	0.447	302	0.423	216	0.412	151	0.494	131	0.617	159	0.625	373	0.671	1054	0.706	1299	0.776	1098	0.875	1058	0.841	1023	0.818	1006	0.743	1286	0.454	1334	0.462	1235	0.566	1191	0.608	1188	0.687	1296	0.662	1129	0.653	873	0.579	900	0.447	802	0.455	673	0.447
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.152	9	0.152	6	0.152	4	0.172	6	0.216	7	0.216	17	0.216	47	0.222	57	0.239	46	0.265	45	0.255	44	0.255	45	0.236	38	0.157	38	0.156	34	0.177	32	0.192	31	0.215	34	0.206	30	0.206	24	0.184	26	0.157	23	0.152	19	0.152
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.225	3	0.225	2	0.225	2	0.252	2	0.303	3	0.303	7	0.303	19	0.309	23	0.331	18	0.364	18	0.352	18	0.352	18	0.327	15	0.230	15	0.229	13	0.257	13	0.276	13	0.306	14	0.294	12	0.295	10	0.267	11	0.226	9	0.225	8	0.225
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.225	5	0.225	4	0.225	2	0.252	4	0.303	4	0.303	10	0.303	28	0.309	34	0.331	28	0.364	27	0.352	26	0.352	27	0.327	23	0.230	23	0.229	20	0.257	19	0.276	19	0.306	21	0.294	18	0.295	14	0.273	16	0.230	14	0.229	12	0.225
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	540	0.638	378	0.633	270	0.628	202	0.740	197	0.681	240	0.681	563	0.691	1593	0.736	1933	0.753	1624	0.819	1573	0.788	1508	0.758	1491	0.712	1594	0.630	1672	0.684	1652	0.808	1619	0.816	1686	0.910	1817	0.885	1568	0.844	1171	0.770	1115	0.611	1006	0.659	843	0.648

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1519	0.022	1063	0.022	760	0.022	550	0.030	566	0.029	689	0.029	1616	0.029	4570	0.029	5684	0.030	4828	0.034	4647	0.033	4505	0.031	4402	0.028	4553	0.020	4701	0.022	4503	0.030	4416	0.031	4490	0.035	4878	0.034	4251	0.033	3219	0.029	3184	0.020	2827	0.022	2372	0.022
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1519	0.022	1063	0.022	760	0.022	550	0.030	566	0.029	689	0.029	1616	0.029	4570	0.029	5684	0.030	4828	0.034	4647	0.033	4505	0.031	4402	0.028	4553	0.020	4701	0.022	4503	0.030	4416	0.031	4490	0.035	4878	0.034	4251	0.033	3219	0.029	3184	0.020	2827	0.022	2372	0.022
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1519	0.022	1063	0.022	760	0.022	550	0.030	566	0.029	689	0.029	1616	0.029	4570	0.029	5684	0.030	4828	0.034	4647	0.033	4505	0.031	4402	0.028	4553	0.020	4701	0.022	4503	0.030	4416	0.031	4490	0.035	4878	0.034	4251	0.033	3219	0.029	3184	0.020	2827	0.022	2372	0.022
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1519	0.022	1063	0.022	760	0.022	550	0.030	566	0.029	689	0.029	1616	0.029	4570	0.029	5684	0.030	4828	0.034	4647	0.033	4505	0.031	4402	0.028	4553	0.020	4701	0.022	4503	0.030	4416	0.031	4490	0.035	4878	0.034	4251	0.033	3219	0.029	3184	0.020	2827	0.022	2372	0.022
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	365	0.044	256	0.043	183	0.042	134	0.055	146	0.044	177	0.044	415	0.046	1175	0.054	1443	0.059	1208	0.065	1171	0.061	1132	0.058	1117	0.052	1090	0.045	1131	0.050	1098	0.069	1073	0.069	1095	0.078	1191	0.079	1033	0.072	779	0.059	763	0.042	680	0.046	570	0.045
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	365	0.044	256	0.043	183	0.042	134	0.055	146	0.044	177	0.044	415	0.046	1175	0.054	1443	0.059	1208	0.065	1171	0.061	1132	0.058	1117	0.052	1090	0.045	1131	0.050	1098	0.069	1073	0.069	1095	0.078	1191	0.079	1033	0.072	779	0.059	763	0.042	680	0.046	570	0.045
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	365	0.044	256	0.043	183	0.042	134	0.055	146	0.044	177	0.044	415	0.046	1175	0.054	1443	0.059	1208	0.065	1171	0.061	1132	0.058	1117	0.052	1090	0.045	1131	0.050	1098	0.069	1073	0.069	1095	0.078	1191	0.079	1033	0.072	779	0.059	763	0.042	680	0.046	570	0.045
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	365	0.044	256	0.043	183	0.042	134	0.055	146	0.044	177	0.044	415	0.046	1175	0.054	1443	0.059	1208	0.065	1171	0.061	1132	0.058	1117	0.052	1090	0.045	1131	0.050	1098	0.069	1073	0.069	1095	0.078	1191	0.079	1033	0.072	779	0.059	763	0.042	680	0.046	570	0.045
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1154	0.020	808	0.020	577	0.020	416	0.027	421	0.028	512	0.028	1201	0.028	3395	0.028	4241	0.030	3621	0.034	3477	0.033	3373	0.032	3285	0.028	3462	0.018	3571	0.020	3406	0.027	3343	0.029	3396	0.033	3687	0.032	3217	0.031	2440	0.027	2422	0.018	2147	0.020	1801	0.020
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1154	0.020	808	0.020	577	0.020	416	0.027	421	0.028	512	0.028	1201	0.028	3395	0.028	4241	0.030	3621	0.034	3477	0.033	3373	0.032	3285	0.028	3462	0.018	3571	0.020	3406	0.027	3343	0.029	3396	0.033	3687	0.032	3217	0.031	2440	0.027	2422	0.018	2147	0.020	1801	0.020
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1154	0.020	808	0.020	577	0.020	416	0.027	421	0.028	512	0.028	1201	0.028	3395	0.028	4241	0.030	3621	0.034	3477	0.033	3373	0.032	3285	0.028	3462	0.018	3571	0.020	3406	0.027	3343	0.029	3396	0.033	3687	0.032	3217	0.031	2440	0.027	2422	0.018	2147	0.020	1801	0.020
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1154	0.020	808	0.020	577	0.020	416	0.027	421	0.028	512	0.028	1201	0.028	3395	0.028	4241	0.030	3621	0.034	3477	0.033	3373	0.032	3285	0.028	3462	0.018	3571	0.020	3406	0.027	3343	0.029	3396	0.033	3687	0.032	3217	0.031	2440	0.027	2422	0.018	2147	0.020	1801	0.020
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	298	0.020	209	0.019	149	0.019	106	0.027	114	0.033	138	0.033	324	0.037	917	0.050	1153	0.065	978	0.074	941	0.068	918	0.067	895	0.055	902	0.027	922	0.027	863	0.040	853	0.045	861	0.053	935	0.053	822	0.050	627	0.038	631	0.024	555	0.023	465	0.022
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	298	0.020	209	0.019	149	0.019	106	0.027	114	0.033	138	0.033	324	0.037	917	0.050	1153	0.065	978	0.074	941	0.068	918	0.067	895	0.055	902	0.027	922	0.027	863	0.040	853	0.045	861	0.053	935	0.053	822	0.050	627	0.038	631	0.024	555	0.023	465	0.022
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1452	0.018	1016	0.018	726	0.018	522	0.025	534	0.026	650	0.026	1525	0.026	4312	0.026	5394	0.028	4599	0.032	4417	0.031	4291	0.030	4180	0.027	4365	0.017	4493	0.018	4269	0.025	4196	0.027	4257	0.030	4622	0.030	4039	0.029	3067	0.025	3053	0.017	2702	0.018	2267	0.018
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1452	0.018	1016	0.018	726	0.018	522	0.025	534	0.026	650	0.026	1525	0.026	4312	0.026	5394	0.028	4599	0.032	4417	0.031	4291	0.030	4180	0.027	4365	0.017	4493	0.018	4269	0.025	4196	0.027	4257	0.030	4622	0.030	4039	0.029	3067	0.025	3053	0.017	2702	0.018	2267	0.018
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1502	0.016	1052	0.016	751	0.016	535	0.022	489	0.027	595	0.027	1396	0.027	3947	0.027	4935	0.029	4206	0.034	4039	0.032	3924	0.031	3827	0.027	4522	0.015	4648	0.016	4375	0.022	4326	0.024	4412	0.028	4764	0.027	4178	0.026	3175	0.023	3163	0.015	2796	0.016	2345	0.016
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1502	0.016	1052	0.016	751	0.016	535	0.022	489	0.027	595	0.027	1396	0.027	3947	0.027	4935	0.029	4206	0.034	4039	0.032	3924	0.031	3827	0.027	4522	0.015	4648	0.016	4375	0.022	4326	0.024	4412	0.028	4764	0.027	4178	0.026	3175	0.023	3163	0.015	2796	0.016	2345	0.016
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	228	0.024	160	0.024	114	0.023	84	0.034	66	0.035	80	0.035	188	0.036	532	0.041	673	0.049	577	0.055	553	0.053	540	0.053	522	0.044	693	0.028	706	0.028	691	0.041	704	0.047	740	0.057	790	0.056	696	0.054	515	0.043	485	0.026	425	0.026	356	0.025
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	228	0.024	160	0.024	114	0.023	84	0.034	66	0.035	80	0.035	188	0.036	532	0.041	673	0.049	577	0.055	553	0.053	540	0.053	522	0.044	693	0.028	706	0.028	691	0.041	704	0.047	740	0.057	790	0.056	696	0.054	515	0.043	485	0.026	425	0.026	356	0.025
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1274	0.016	892	0.016	637	0.016	450	0.022	423	0.027	515	0.027	1208	0.027	3415	0.027	4262	0.030	3629	0.034	3486	0.033	3384	0.032	3305	0.028	3829	0.015	3942	0.016	3684	0.022	3622	0.024	3672	0.028	3974	0.027	3482	0.026	2660	0.023	2678	0.015	2371	0.016	1989	0.016
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	221	0.038	154	0.036	110	0.035	76	0.044	78	0.055	95	0.055	222	0.059	627	0.073	765	0.077	645	0.084	622	0.080	598	0.075	592	0.065	654	0.036	683	0.046	621	0.056	590	0.052	583	0.062	637	0.061	553	0.052	433	0.046	457	0.034	411	0.041	345	0.039
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	221	0.038	154	0.036	110	0.035	76	0.044	78	0.055	95	0.055	222	0.059	627	0.073	765	0.077	645	0.084	622	0.080	598	0.075	592	0.065	654	0.036	683	0.046	621	0.056	590	0.052	583	0.062	637	0.061	553	0.052	433	0.046	457	0.034	411	0.041	345	0.039
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	303	0.027	212	0.025	151	0.025	109	0.036	90	0.042	110	0.043	258	0.047	729	0.062	916	0.078	778	0.084	750	0.081	730	0.077	708	0.066	917	0.036	937	0.036	892	0.057	885	0.065	899	0.080	975	0.077	856	0.072	648	0.055	641	0.033	564	0.031	473	0.030
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1797	0.017	1258	0.017	899	0.017	635	0.023	591	0.029	720	0.029	1688	0.029	4772	0.029	5942	0.030	5052	0.035	4858	0.034	4713	0.032	4606	0.029	5399	0.015	5562	0.017	5197	0.023	5097	0.025	5154	0.029	5587	0.028	4891	0.027	3741	0.023	3777	0.016	3345	0.017	2806	0.017
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1797	0.017	1258	0.017	899	0.017	635	0.023	591	0.029	720	0.029	1688	0.029	4772	0.029	5942	0.030	5052	0.035	4858	0.034	4713	0.032	4606	0.029	5399	0.015	5562	0.017	5197	0.023	5097	0.025	5154	0.029	5587	0.028	4891	0.027	3741	0.023	3777	0.016	3345	0.017	2806	0.017
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1797	0.017	1258	0.017	899	0.017	635	0.023	591	0.029	720	0.029	1688	0.029	4772	0.029	5942	0.030	5052	0.035	4858	0.034	4713	0.032	4606	0.029	5399	0.015	5562	0.017	5197	0.023	5097	0.025	5154	0.029	5587	0.028	4891	0.027	3741	0.023	3777	0.016	3345	0.017	2806	0.017
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	540	0.047	378	0.046	270	0.045	202	0.058	197	0.048	240	0.048	563	0.050	1593	0.060	1933	0.064	1624	0.071	1573	0.067	1508	0.063	1491	0.057	1594	0.051	1672	0.058	1652	0.076	1619	0.077	1686	0.090	1817	0.088	1568	0.081	1171	0.068	1115	0.047	1006	0.052	843	0.050
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	540	0.047	378	0.046	270	0.045	202	0.058	197	0.048	240	0.048	563	0.050	1593	0.060	1933	0.064	1624	0.071	1573	0.067	1508	0.063	1491	0.057	1594	0.051	1672	0.058	1652	0.076	1619	0.077	1686	0.090	1817	0.088	1568	0.081	1171	0.068	1115	0.047	1006	0.052	843	0.050
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	425	0.042	297	0.040	212	0.039	153	0.050	139	0.061	169	0.061	397	0.066	1122	0.079	1372	0.084	1186	0.092	1137	0.089	1083	0.081	1052	0.074	1246	0.043	1314	0.050	1251	0.066	1203	0.063	1232	0.074	1332	0.072	1147	0.065	875	0.055	871	0.040	791	0.046	663	0.044
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	425	0.042	297	0.040	212	0.039	153	0.050	139	0.061	169	0.061	397	0.066	1122	0.079	1372	0.084	1186	0.092	1137	0.089	1083	0.081	1052	0.074	1246	0.043	1314	0.050	1251	0.066	1203	0.063	1232	0.074	1332	0.072	1147	0.065	875	0.055	871	0.040	791	0.046	663	0.044
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	399	0.047	279	0.045	199	0.044	150	0.058	158	0.049	193	0.049	452	0.053	1278	0.066	1564	0.072	1329	0.080	1282	0.075	1230	0.072	1204	0.062	1175	0.053	1234	0.057	1225	0.078	1201	0.080	1253	0.090	1350	0.091	1164	0.085	867	0.069	822	0.048	742	0.051	623	0.050
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	399	0.047	279	0.045	199	0.044	150	0.058	158	0.049	193	0.049	452	0.053	1278	0.066	1564	0.072	1329	0.080	1282	0.075	1230	0.072	1204	0.062	1175	0.053	1234	0.057	1225	0.078	1201	0.080	1253	0.090	1350	0.091	1164	0.085	867	0.069	822	0.048	742	0.051	623	0.050
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	399	0.047	279	0.045	199	0.044	150	0.058	158	0.049	193	0.049	452	0.053	1278	0.066	1564	0.072	1329	0.080	1282	0.075	1230	0.072	1204	0.062	1175	0.053	1234	0.057	1225	0.078	1201	0.080	1253	0.090	1350	0.091	1164	0.085	867	0.069	822	0.048	742	0.051	623	0.050
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	399	0.047	279	0.045	199	0.044	150	0.058	158	0.049	193	0.049	452	0.053	1278	0.066	1564	0.072	1329	0.080	1282	0.075	1230	0.072	1204	0.062	1175	0.053	1234	0.057	1225	0.078	1201	0.080	1253	0.090	1350	0.091	1164	0.085	867	0.069	822	0.048	742	0.051	623	0.050
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	399	0.047	279	0.045	199	0.044	150	0.058	158	0.049	193	0.049	452	0.053	1278	0.066	1564	0.072	1329	0.080	1282	0.075	1230	0.072	1204	0.062	1175	0.053	1234	0.057	1225	0.078	1201	0.080	1253	0.090	1350	0.091	1164	0.085	867	0.069	822	0.048	742	0.051	623	0.050
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	225	0.048	158	0.047	113	0.046	83	0.057	81	0.066	98	0.066	231	0.069	652	0.078	795	0.083	696	0.089	665	0.087	629	0.080	605	0.074	650	0.046	697	0.054	678	0.067	651	0.066	680	0.077	730	0.074	623	0.068	471	0.059	455	0.044	419	0.051	351	0.049
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	225	0.048	158	0.047	113	0.046	83	0.057	81	0.066	98	0.066	231	0.069	652	0.078	795	0.083	696	0.089	665	0.087	629	0.080	605	0.074	650	0.046	697	0.054	678	0.067	651	0.066	680	0.077	730	0.074	623	0.068	471	0.059	455	0.044	419	0.051	351	0.049
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	225	0.048	158	0.047	113	0.046	83	0.057	81	0.066	98	0.066	231	0.069	652	0.078	795	0.083	696	0.089	665	0.087	629	0.080	605	0.074	650	0.046	697	0.054	678	0.067	651	0.066	680	0.077	730	0.074	623	0.068	471	0.059	455	0.044	419	0.051	351	0.049
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	528	0.037	370	0.036	264	0.035	192	0.046	171	0.054	208	0.056	488	0.060	1381	0.076	1710	0.086	1475	0.095	1416	0.092	1359	0.086	1314	0.074	1567	0.044	1634	0.047	1570	0.067	1536	0.070	1579	0.082	1705	0.082	1479	0.073	1118	0.060	1096	0.040	983	0.042	824	0.040
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	528	0.037	370	0.036	264	0.035	192	0.046	171	0.054	208	0.056	488	0.060	1381	0.076	1710	0.086	1475	0.095	1416	0.092	1359	0.086	1314	0.074	1567	0.044	1634	0.047	1570	0.067	1536	0.070	1579	0.082	1705	0.082	1479	0.073	1118	0.060	1096	0.040	983	0.042	824	0.040
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	528	0.037	370	0.036	264	0.035	192	0.046	171	0.054	208	0.056	488	0.060	1381	0.076	1710	0.086	1475	0.095	1416	0.092	1359	0.086	1314	0.074	1567	0.044	1634	0.047	1570	0.067	1536	0.070	1579	0.082	1705	0.082	1479	0.073	1118	0.060	1096	0.040	983	0.042	824	0.040
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	197	0.056	138	0.056	99	0.054	75	0.068	91	0.056	110	0.056	259	0.059	732	0.068	902	0.073	772	0.081	742	0.076	713	0.072	694	0.063	582	0.056	611	0.063	616	0.081	613	0.082	653	0.094	697	0.092	602	0.085	443	0.073	407	0.053	367	0.058	308	0.058
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	197	0.056	138	0.056	99	0.054	75	0.068	91	0.056	110	0.056	259	0.059	732	0.068	902	0.073	772	0.081	742	0.076	713	0.072	694	0.063	582	0.056	611	0.063	616	0.081	613	0.082	653	0.094	697	0.092	602	0.085	443	0.073	407	0.053	367	0.058	308	0.058
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	336	0.044	235	0.043	168	0.042	122	0.052	115	0.053	140	0.054	328	0.057	928	0.069	1135	0.072	968	0.081	932	0.078	893	0.074	874	0.064	991	0.046	1039	0.052	999	0.068	975	0.069	1007	0.083	1085	0.080	938	0.073	709	0.062	693	0.043	625	0.047	524	0.046
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	336	0.044	235	0.043	168	0.042	122	0.052	115	0.053	140	0.054	328	0.057	928	0.069	1135	0.072	968	0.081	932	0.078	893	0.074	874	0.064	991	0.046	1039	0.052	999	0.068	975	0.069	1007	0.083	1085	0.080	938	0.073	709	0.062	693	0.043	625	0.047	524	0.046
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	196	0.052	137	0.052	98	0.051	75	0.065	96	0.053	116	0.053	273	0.056	772	0.066	954	0.072	815	0.080	784	0.077	755	0.072	735	0.064	580	0.054	606	0.059	614	0.078	616	0.080	658	0.092	701	0.090	607	0.084	445	0.072	406	0.051	365	0.055	306	0.055
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	196	0.052	137	0.052	98	0.051	75	0.065	96	0.053	116	0.053	273	0.056	772	0.066	954	0.072	815	0.080	784	0.077	755	0.072	735	0.064	580	0.054	606	0.059	614	0.078	616	0.080	658	0.092	701	0.090	607	0.084	445	0.072	406	0.051	365	0.055	306	0.055
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	196	0.052	137	0.052	98	0.051	75	0.065	96	0.053	116	0.053	273	0.056	772	0.066	954	0.072	815	0.080	784	0.077	755	0.072	735	0.064	580	0.054	606	0.059	614	0.078	616	0.080	658	0.092	701	0.090	607	0.084	445	0.072	406	0.051	365	0.055	306	0.055
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	196	0.052	137	0.052	98	0.051	75	0.065	96	0.053	116	0.053	273	0.056	772	0.066	954	0.072	815	0.080	784	0.077	755	0.072	735	0.064	580	0.054	606	0.059	614	0.078	616	0.080	658	0.092	701	0.090	607	0.084	445	0.072	406	0.051	365	0.055	306	0.055
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	300	0.038	210	0.037	150	0.037	109	0.048	119	0.047	145	0.049	341	0.051	964	0.062	1188	0.067	1007	0.076	971	0.073	937	0.070	919	0.060	894	0.041	929	0.045	888	0.061	873	0.064	900	0.077	970	0.074	844	0.068	638	0.057	625	0.038	559	0.040	469	0.039
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	300	0.038	210	0.037	150	0.037	109	0.048	119	0.047	145	0.049	341	0.051	964	0.062	1188	0.067	1007	0.076	971	0.073	937	0.070	919	0.060	894	0.041	929	0.045	888	0.061	873	0.064	900	0.077	970	0.074	844	0.068	638	0.057	625	0.038	559	0.040	469	0.039
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	300	0.038	210	0.037	150	0.037	109	0.048	119	0.047	145	0.049	341	0.051	964	0.062	1188	0.067	1007	0.076	971	0.073	937	0.070	919	0.060	894	0.041	929	0.045	888	0.061	873	0.064	900	0.077	970	0.074	844	0.068	638	0.057	625	0.038	559	0.040	469	0.039
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	187	0.050	131	0.050	94	0.049	71	0.062	104	0.049	126	0.049	296	0.052	838	0.062	1029	0.066	869	0.074	840	0.071	809	0.068	794	0.059	554	0.050	580	0.057	579	0.073	578	0.075	615	0.087	656	0.087	568	0.081	419	0.067	388	0.048	349	0.053	292	0.051
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	300	0.038	210	0.037	150	0.037	109	0.048	119	0.047	145	0.049	341	0.051	964	0.062	1188	0.067	1007	0.076	971	0.073	937	0.070	919	0.060	894	0.041	929	0.045	888	0.061	873	0.064	900	0.077	970	0.074	844	0.068	638	0.057	625	0.038	559	0.040	469	0.039
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	155	0.056	108	0.055	77	0.055	57	0.065	51	0.069	62	0.069	146	0.070	414	0.075	506	0.077	451	0.082	428	0.080	403	0.074	385	0.070	442	0.050	479	0.060	464	0.073	434	0.065	447	0.074	484	0.073	409	0.065	312	0.060	309	0.048	288	0.057	242	0.057
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	74	0.068	52	0.068	37	0.067	28	0.079	27	0.069	33	0.069	78	0.070	221	0.073	274	0.068	239	0.076	228	0.074	218	0.068	210	0.064	217	0.060	230	0.071	230	0.084	225	0.077	237	0.084	255	0.083	218	0.075	162	0.070	152	0.059	138	0.070	116	0.068
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.030	28	0.030	20	0.029	14	0.045	16	0.066	20	0.066	46	0.068	130	0.075	164	0.093	141	0.115	135	0.107	132	0.102	128	0.087	119	0.034	122	0.033	112	0.051	110	0.061	111	0.076	120	0.071	106	0.071	81	0.056	84	0.032	73	0.031	62	0.030
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.030	28	0.030	20	0.029	14	0.045	16	0.066	20	0.066	46	0.068	130	0.075	164	0.093	141	0.115	135	0.107	132	0.102	128	0.087	119	0.034	122	0.033	112	0.051	110	0.061	111	0.076	120	0.071	106	0.071	81	0.056	84	0.032	73	0.031	62	0.030
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	230	0.097	161	0.096	115	0.096	81	0.123	81	0.150	99	0.150	232	0.151	656	0.155	773	0.161	654	0.189	631	0.179	594	0.171	594	0.151	660	0.085	712	0.100	659	0.126	611	0.125	615	0.148	668	0.142	567	0.132	444	0.117	461	0.084	428	0.098	359	0.098
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	230	0.097	161	0.096	115	0.096	81	0.123	81	0.150	99	0.150	232	0.151	656	0.155	773	0.161	654	0.189	631	0.179	594	0.171	594	0.151	660	0.085	712	0.100	659	0.126	611	0.125	615	0.148	668	0.142	567	0.132	444	0.117	461	0.084	428	0.098	359	0.098
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	306	0.081	214	0.081	153	0.081	106	0.105	107	0.132	131	0.132	306	0.133	866	0.138	1030	0.148	863	0.173	835	0.164	794	0.156	795	0.137	890	0.073	948	0.084	869	0.109	813	0.111	811	0.133	884	0.127	757	0.117	593	0.103	623	0.072	570	0.082	478	0.082
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	686	0.036	480	0.035	343	0.034	247	0.045	237	0.046	289	0.046	677	0.050	1914	0.062	2348	0.069	1989	0.077	1918	0.071	1846	0.068	1813	0.059	2035	0.041	2122	0.045	2020	0.060	1964	0.062	2003	0.071	2170	0.071	1882	0.065	1432	0.054	1423	0.037	1276	0.040	1071	0.039
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	297	0.226	208	0.226	149	0.217	109	0.262	98	0.281	120	0.284	280	0.300	793	0.313	917	0.307	790	0.343	762	0.335	703	0.315	693	0.286	830	0.200	920	0.235	891	0.288	808	0.273	823	0.304	899	0.299	745	0.275	576	0.251	581	0.198	553	0.231	464	0.229
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	297	0.226	208	0.226	149	0.217	109	0.262	98	0.281	120	0.284	280	0.300	793	0.313	917	0.307	790	0.343	762	0.335	703	0.315	693	0.286	830	0.200	920	0.235	891	0.288	808	0.273	823	0.304	899	0.299	745	0.275	576	0.251	581	0.198	553	0.231	464	0.229
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	297	0.226	208	0.226	149	0.217	109	0.262	98	0.281	120	0.284	280	0.300	793	0.313	917	0.307	790	0.343	762	0.335	703	0.315	693	0.286	830	0.200	920	0.235	891	0.288	808	0.273	823	0.304	899	0.299	745	0.275	576	0.251	581	0.198	553	0.231	464	0.229
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	297	0.226	208	0.226	149	0.217	109	0.262	98	0.281	120	0.284	280	0.300	793	0.313	917	0.307	790	0.343	762	0.335	703	0.315	693	0.286	830	0.200	920	0.235	891	0.288	808	0.273	823	0.304	899	0.299	745	0.275	576	0.251	581	0.198	553	0.231	464	0.229
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	169	0.317	118	0.308	85	0.306	63	0.342	60	0.334	73	0.337	172	0.359	485	0.368	532	0.349	463	0.378	446	0.369	396	0.343	396	0.327	443	0.277	523	0.328	514	0.372	443	0.343	464	0.374	502	0.372	399	0.337	311	0.323	310	0.277	315	0.325	264	0.321
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	141	0.089	99	0.087	71	0.085	50	0.133	41	0.185	50	0.187	118	0.194	334	0.214	419	0.238	357	0.275	345	0.266	335	0.263	322	0.227	426	0.097	437	0.098	413	0.154	399	0.166	393	0.188	434	0.186	379	0.180	291	0.150	298	0.095	263	0.096	220	0.096
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	431	0.100	302	0.094	216	0.092	151	0.134	131	0.177	159	0.179	373	0.190	1054	0.200	1299	0.230	1098	0.279	1058	0.263	1023	0.254	1006	0.217	1286	0.099	1334	0.103	1235	0.152	1191	0.171	1188	0.208	1296	0.197	1129	0.192	873	0.160	900	0.097	802	0.101	673	0.100
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	431	0.100	302	0.094	216	0.092	151	0.134	131	0.177	159	0.179	373	0.190	1054	0.200	1299	0.230	1098	0.279	1058	0.263	1023	0.254	1006	0.217	1286	0.099	1334	0.103	1235	0.152	1191	0.171	1188	0.208	1296	0.197	1129	0.192	873	0.160	900	0.097	802	0.101	673	0.100
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	431	0.100	302	0.094	216	0.092	151	0.134	131	0.177	159	0.179	373	0.190	1054	0.200	1299	0.230	1098	0.279	1058	0.263	1023	0.254	1006	0.217	1286	0.099	1334	0.103	1235	0.152	1191	0.171	1188	0.208	1296	0.197	1129	0.192	873	0.160	900	0.097	802	0.101	673	0.100
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	666	0.105	466	0.105	333	0.099	233	0.136	209	0.179	255	0.181	598	0.194	1691	0.203	2052	0.228	1739	0.269	1676	0.254	1604	0.249	1584	0.215	1960	0.101	2060	0.109	1907	0.154	1815	0.167	1816	0.201	1979	0.190	1709	0.184	1326	0.155	1371	0.099	1239	0.108	1039	0.106
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	196	0.111	137	0.106	98	0.104	71	0.157	68	0.173	82	0.175	193	0.194	547	0.200	689	0.232	588	0.277	565	0.263	551	0.261	534	0.222	594	0.120	607	0.119	582	0.182	580	0.209	593	0.249	642	0.237	563	0.235	424	0.196	415	0.118	365	0.117	306	0.115
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	196	0.111	137	0.106	98	0.104	71	0.157	68	0.173	82	0.175	193	0.194	547	0.200	689	0.232	588	0.277	565	0.263	551	0.261	534	0.222	594	0.120	607	0.119	582	0.182	580	0.209	593	0.249	642	0.237	563	0.235	424	0.196	415	0.118	365	0.117	306	0.115
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	98	0.119	69	0.119	49	0.117	36	0.179	34	0.197	41	0.197	97	0.200	273	0.211	345	0.249	294	0.297	283	0.277	276	0.275	267	0.234	297	0.127	303	0.125	291	0.192	290	0.220	296	0.267	321	0.255	282	0.247	212	0.210	208	0.127	182	0.123	153	0.121
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	98	0.119	69	0.119	49	0.117	36	0.179	34	0.197	41	0.197	97	0.200	273	0.211	345	0.249	294	0.297	283	0.277	276	0.275	267	0.234	297	0.127	303	0.125	291	0.192	290	0.220	296	0.267	321	0.255	282	0.247	212	0.210	208	0.127	182	0.123	153	0.121
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	98	0.119	69	0.119	49	0.117	36	0.179	34	0.197	41	0.197	97	0.200	273	0.211	345	0.249	294	0.297	283	0.277	276	0.275	267	0.234	297	0.127	303	0.125	291	0.192	290	0.220	296	0.267	321	0.255	282	0.247	212	0.210	208	0.127	182	0.123	153	0.121

Po Shek Wu Interchange Improvement

Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour NO2 Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	49	0.117	34	0.117	25	0.117	18	0.176	17	0.194	21	0.197	48	0.197	137	0.204	172	0.240	147	0.287	141	0.272	138	0.270	133	0.226	148	0.122	152	0.121	146	0.189	145	0.216	148	0.258	160	0.246	141	0.243	106	0.203	104	0.120	91	0.119	77	0.119
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	49	0.117	34	0.117	25	0.117	18	0.176	17	0.194	21	0.197	48	0.197	137	0.204	172	0.240	147	0.287	141	0.272	138	0.270	133	0.226	148	0.122	152	0.121	146	0.189	145	0.216	148	0.258	160	0.246	141	0.243	106	0.203	104	0.120	91	0.119	77	0.119
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	49	0.117	34	0.117	25	0.117	18	0.176	17	0.194	21	0.197	48	0.197	137	0.204	172	0.240	147	0.287	141	0.272	138	0.270	133	0.226	148	0.122	152	0.121	146	0.189	145	0.216	148	0.258	160	0.246	141	0.243	106	0.203	104	0.120	91	0.119	77	0.119
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	49	0.117	34	0.117	25	0.117	18	0.176	17	0.194	21	0.197	48	0.197	137	0.204	172	0.240	147	0.287	141	0.272	138	0.270	133	0.226	148	0.122	152	0.121	146	0.189	145	0.216	148	0.258	160	0.246	141	0.243	106	0.203	104	0.120	91	0.119	77	0.119
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	487	0.165	341	0.163	244	0.163	172	0.206	168	0.201	204	0.207	479	0.210	1353	0.222	1624	0.213	1319	0.242	1296	0.236	1249	0.209	1257	0.189	1454	0.146	1508	0.174	1407	0.229	1350	0.216	1337	0.249	1468	0.247	1275	0.220	986	0.192	1017	0.141	907	0.169	761	0.167
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	487	0.165	341	0.163	244	0.163	172	0.206	168	0.201	204	0.207	479	0.210	1353	0.222	1624	0.213	1319	0.242	1296	0.236	1249	0.209	1257	0.189	1454	0.146	1508	0.174	1407	0.229	1350	0.216	1337	0.249	1468	0.247	1275	0.220	986	0.192	1017	0.141	907	0.169	761	0.167
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	487	0.165	341	0.163	244	0.163	172	0.206	168	0.201	204	0.207	479	0.210	1353	0.222	1624	0.213	1319	0.242	1296	0.236	1249	0.209	1257	0.189	1454	0.146	1508	0.174	1407	0.229	1350	0.216	1337	0.249	1468	0.247	1275	0.220	986	0.192	1017	0.141	907	0.169	761	0.167
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	487	0.165	341	0.163	244	0.163	172	0.206	168	0.201	204	0.207	479	0.210	1353	0.222	1624	0.213	1319	0.242	1296	0.236	1249	0.209	1257	0.189	1454	0.146	1508	0.174	1407	0.229	1350	0.216	1337	0.249	1468	0.247	1275	0.220	986	0.192	1017	0.141	907	0.169	761	0.167
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	487	0.165	341	0.163	244	0.163	172	0.206	168	0.201	204	0.207	479	0.210	1353	0.222	1624	0.213	1319	0.242	1296	0.236	1249	0.209	1257	0.189	1454	0.146	1508	0.174	1407	0.229	1350	0.216	1337	0.249	1468	0.247	1275	0.220	986	0.192	1017	0.141	907	0.169	761	0.167
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	241	0.338	169	0.331	121	0.325	86	0.381	104	0.367	126	0.372	296	0.384	836	0.396	982	0.345	804	0.389	788	0.378	747	0.319	755	0.307	703	0.270	746	0.345	708	0.409	669	0.356	675	0.404	736	0.398	630	0.341	485	0.323	492	0.267	449	0.341	376	0.341
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	180	0.136	126	0.132	90	0.129	66	0.193	57	0.242	70	0.244	163	0.260	461	0.275	598	0.321	529	0.376	501	0.358	489	0.357	461	0.306	545	0.147	557	0.145	543	0.223	548	0.258	569	0.308	612	0.292	538	0.290	400	0.244	381	0.147	335	0.143	281	0.143
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	180	0.136	126	0.132	90	0.129	66	0.193	57	0.242	70	0.244	163	0.260	461	0.275	598	0.321	529	0.376	501	0.358	489	0.357	461	0.306	545	0.147	557	0.145	543	0.223	548	0.258	569	0.308	612	0.292	538	0.290	400	0.244	381	0.147	335	0.143	281	0.143
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	180	0.136	126	0.132	90	0.129	66	0.193	57	0.242	70	0.244	163	0.260	461	0.275	598	0.321	529	0.376	501	0.358	489	0.357	461	0.306	545	0.147	557	0.145	543	0.223	548	0.258	569	0.308	612	0.292	538	0.290	400	0.244	381	0.147	335	0.143	281	0.143
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	180	0.136	126	0.132	90	0.129	66	0.193	57	0.242	70	0.244	163	0.260	461	0.275	598	0.321	529	0.376	501	0.358	489	0.357	461	0.306	545	0.147	557	0.145	543	0.223	548	0.258	569	0.308	612	0.292	538	0.290	400	0.244	381	0.147	335	0.143	281	0.143
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	180	0.136	126	0.132	90	0.129	66	0.193	57	0.242	70	0.244	163	0.260	461	0.275	598	0.321	529	0.376	501	0.358	489	0.357	461	0.306	545	0.147	557	0.145	543	0.223	548	0.258	569	0.308	612	0.292	538	0.290	400	0.244	381	0.147	335	0.143	281	0.143
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	56	0.123	39	0.123	28	0.123	20	0.185	19	0.248	23	0.252	54	0.252	153	0.265	197	0.311	172	0.367	164	0.349	160	0.341	152	0.295	170	0.131	173	0.130	166	0.199	164	0.227	166	0.271	181	0.263	158	0.255	120	0.212	119	0.128	104	0.125	87	0.125
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	28	0.123	20	0.121	14	0.121	10	0.185	10	0.248	12	0.248	27	0.252	77	0.256	98	0.300	86	0.349	82	0.331	80	0.330	76	0.286	85	0.126	87	0.125	83	0.192	82	0.219	83	0.262	90	0.249	79	0.247	60	0.205	59	0.124	52	0.123	44	0.123
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	56	0.123	39	0.123	28	0.123	20	0.185	19	0.248	23	0.252	54	0.252	153	0.265	197	0.311	172	0.367	164	0.349	160	0.341	152	0.295	170	0.131	173	0.130	166	0.199	164	0.227	166	0.271	181	0.263	158	0.255	120	0.212	119	0.128	104	0.125	87	0.125
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	76	0.105	53	0.104	38	0.104	28	0.157	28	0.199	34	0.201	80	0.205	227	0.227	290	0.263	251	0.312	240	0.296	234	0.294	224	0.254	231	0.119	236	0.117	225	0.180	223	0.207	227	0.247	246	0.235	216	0.232	163	0.187	162	0.111	142	0.109	119	0.107
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	63	0.097	44	0.096	31	0.095	23	0.144	33	0.157	40	0.157	93	0.162	263	0.177	330	0.209	280	0.247	270	0.234	263	0.232	256	0.197	190	0.106	195	0.105	185	0.159	184	0.184	188	0.229	203	0.217	179	0.207	135	0.170	133	0.101	117	0.099	98	0.098
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	63	0.097	44	0.096	31	0.095	23	0.144	33	0.157	40	0.157	93	0.162	263	0.177	330	0.209	280	0.247	270	0.234	263	0.232	256	0.197	190	0.106	195	0.105	185	0.159	184	0.184	188	0.229	203	0.217	179	0.207	135	0.170	133	0.101	117	0.099	98	0.098
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	63	0.097	44	0.096	31	0.095	23	0.144	33	0.157	40	0.157	93	0.162	263	0.177	330	0.209	280	0.247	270	0.234	263	0.232	256	0.197	190	0.106	195	0.105	185	0.159	184	0.184	188	0.229	203	0.217	179	0.207	135	0.170	133	0.101	117	0.099	98	0.098
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	63	0.097	44	0.096	31	0.095	23	0.144	33	0.157	40	0.157	93	0.162	263	0.177	330	0.209	280	0.247	270	0.234	263	0.232	256	0.197	190	0.106	195	0.105	185	0.159	184	0.184	188	0.229	203	0.217	179	0.207	135	0.170	133	0.101	117	0.099	98	0.098
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	69	0.115	48	0.114	34	0.114	25	0.172	43	0.144	52	0.144	122	0.151	344	0.166	426	0.192	354	0.232	344	0.220	335	0.218	331	0.183	209	0.131	214	0.129	205	0.196	206	0.229	212	0.276	228	0.261	201	0.259	151	0.209	146	0.122	128	0.119	108	0.118
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	431	0.100	302	0.094	216	0.092	151	0.134	131	0.177	159	0.179	373	0.190	1054	0.200	1299	0.230	1098	0.279	1058	0.263	1023	0.254	1006	0.217	1286	0.099	1334	0.103	1235	0.152	1191	0.171	1188	0.208	1296	0.197	1129	0.192	873	0.160	900	0.097	802	0.101	673	0.100
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	431	0.100	302	0.094	216	0.092	151	0.134	131	0.177	159	0.179	373	0.190	1054	0.200	1299	0.230	1098	0.279	1058	0.263	1023	0.254	1006	0.217	1286	0.099	1334	0.103	1235	0.152	1191	0.171	1188	0.208	1296	0.197	1129	0.192	873	0.160	900	0.097	802	0.101	673	0.100
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.009	9	0.009	6	0.009	4	0.012	6	0.014	7	0.014	17	0.014	47	0.015	57	0.017	46	0.021	45	0.019	44	0.019	45	0.017	38	0.009	38	0.009	34	0.012	32	0.014	31	0.017	34	0.016	30	0.016	24	0.013	26	0.009	23	0.009	19	0.009
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.016	3	0.016	2	0.016	2	0.022	2	0.026	3	0.026	7	0.026	19	0.026	23	0.032	18	0.039	18	0.036	18	0.036	18	0.031	15	0.017	15	0.016	13	0.022	13	0.027	13	0.033	14	0.031	12	0.031	10	0.025	11	0.016	9	0.016	8	0.016
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.016	5	0.016	4	0.016	2	0.022	4	0.026	4	0.026	10	0.026	28	0.026	34	0.032	28	0.039	27	0.036	26	0.036	27	0.031	23	0.017	23	0.016	20	0.022	19	0.027	19	0.033	21	0.031	18	0.031	14	0.026	16	0.017	14	0.016	12	0.016
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	540	0.192	378	0.191	270	0.190	202	0.248	197	0.200	240	0.200	563	0.202	1593	0.212	1933	0.219	1624	0.255	1573	0.242	1508	0.228	1491	0.203	1594	0.180	1672	0.203	1652	0.266	1619	0.272	1686	0.316	1817	0.305	1568	0.288	1171	0.254	1115	0.176	1006	0.197	843	0.194

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1519	0.007	1063	0.007	760	0.007	550	0.009	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.009	4828	0.010	4647	0.010	4505	0.010	4402	0.009	4553	0.007	4701	0.007	4503	0.009	4416	0.009	4490	0.011	4878	0.010	4251	0.010	3219	0.009	3184	0.007	2827	0.007	2372	0.007
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1519	0.007	1063	0.007	760	0.007	550	0.009	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.009	4828	0.010	4647	0.010	4505	0.010	4402	0.009	4553	0.007	4701	0.007	4503	0.009	4416	0.009	4490	0.011	4878	0.010	4251	0.010	3219	0.009	3184	0.007	2827	0.007	2372	0.007
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1519	0.007	1063	0.007	760	0.007	550	0.009	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.009	4828	0.010	4647	0.010	4505	0.010	4402	0.009	4553	0.007	4701	0.007	4503	0.009	4416	0.009	4490	0.011	4878	0.010	4251	0.010	3219	0.009	3184	0.007	2827	0.007	2372	0.007
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1519	0.007	1063	0.007	760	0.007	550	0.009	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.009	4828	0.010	4647	0.010	4505	0.010	4402	0.009	4553	0.007	4701	0.007	4503	0.009	4416	0.009	4490	0.011	4878	0.010	4251	0.010	3219	0.009	3184	0.007	2827	0.007	2372	0.007
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	365	0.008	256	0.008	183	0.008	134	0.011	146	0.008	177	0.008	415	0.009	1175	0.009	1443	0.010	1208	0.012	1171	0.011	1132	0.011	1117	0.010	1090	0.009	1131	0.009	1098	0.012	1073	0.013	1095	0.014	1191	0.014	1033	0.013	779	0.011	763	0.008	680	0.009	570	0.008
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	365	0.008	256	0.008	183	0.008	134	0.011	146	0.008	177	0.008	415	0.009	1175	0.009	1443	0.010	1208	0.012	1171	0.011	1132	0.011	1117	0.010	1090	0.009	1131	0.009	1098	0.012	1073	0.013	1095	0.014	1191	0.014	1033	0.013	779	0.011	763	0.008	680	0.009	570	0.008
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	365	0.008	256	0.008	183	0.008	134	0.011	146	0.008	177	0.008	415	0.009	1175	0.009	1443	0.010	1208	0.012	1171	0.011	1132	0.011	1117	0.010	1090	0.009	1131	0.009	1098	0.012	1073	0.013	1095	0.014	1191	0.014	1033	0.013	779	0.011	763	0.008	680	0.009	570	0.008
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	365	0.008	256	0.008	183	0.008	134	0.011	146	0.008	177	0.008	415	0.009	1175	0.009	1443	0.010	1208	0.012	1171	0.011	1132	0.011	1117	0.010	1090	0.009	1131	0.009	1098	0.012	1073	0.013	1095	0.014	1191	0.014	1033	0.013	779	0.011	763	0.008	680	0.009	570	0.008
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1154	0.007	808	0.007	577	0.007	416	0.009	421	0.009	512	0.009	1201	0.009	3395	0.009	4241	0.009	3621	0.010	3477	0.010	3373	0.010	3285	0.009	3462	0.007	3571	0.007	3406	0.009	3343	0.009	3396	0.010	3687	0.010	3217	0.010	2440	0.009	2422	0.007	2147	0.007	1801	0.007
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1154	0.007	808	0.007	577	0.007	416	0.009	421	0.009	512	0.009	1201	0.009	3395	0.009	4241	0.009	3621	0.010	3477	0.010	3373	0.010	3285	0.009	3462	0.007	3571	0.007	3406	0.009	3343	0.009	3396	0.010	3687	0.010	3217	0.010	2440	0.009	2422	0.007	2147	0.007	1801	0.007
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1154	0.007	808	0.007	577	0.007	416	0.009	421	0.009	512	0.009	1201	0.009	3395	0.009	4241	0.009	3621	0.010	3477	0.010	3373	0.010	3285	0.009	3462	0.007	3571	0.007	3406	0.009	3343	0.009	3396	0.010	3687	0.010	3217	0.010	2440	0.009	2422	0.007	2147	0.007	1801	0.007
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1154	0.007	808	0.007	577	0.007	416	0.009	421	0.009	512	0.009	1201	0.009	3395	0.009	4241	0.009	3621	0.010	3477	0.010	3373	0.010	3285	0.009	3462	0.007	3571	0.007	3406	0.009	3343	0.009	3396	0.010	3687	0.010	3217	0.010	2440	0.009	2422	0.007	2147	0.007	1801	0.007
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	298	0.006	209	0.006	149	0.006	106	0.007	114	0.008	138	0.008	324	0.009	917	0.010	1153	0.012	978	0.013	941	0.013	918	0.013	895	0.011	902	0.007	922	0.007	863	0.009	853	0.010	861	0.011	935	0.011	822	0.011	627	0.009	631	0.007	555	0.007	465	0.006
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	298	0.006	209	0.006	149	0.006	106	0.007	114	0.008	138	0.008	324	0.009	917	0.010	1153	0.012	978	0.013	941	0.013	918	0.013	895	0.011	902	0.007	922	0.007	863	0.009	853	0.010	861	0.011	935	0.011	822	0.011	627	0.009	631	0.007	555	0.007	465	0.006
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1452	0.006	1016	0.006	726	0.006	522	0.009	534	0.008	650	0.008	1525	0.008	4312	0.008	5394	0.009	4599	0.010	4417	0.010	4291	0.010	4180	0.009	4365	0.006	4493	0.006	4269	0.008	4196	0.009	4257	0.010	4622	0.010	4039	0.010	3067	0.009	3053	0.006	2702	0.006	2267	0.006
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1452	0.006	1016	0.006	726	0.006	522	0.009	534	0.008	650	0.008	1525	0.008	4312	0.008	5394	0.009	4599	0.010	4417	0.010	4291	0.010	4180	0.009	4365	0.006	4493	0.006	4269	0.008	4196	0.009	4257	0.010	4622	0.010	4039	0.010	3067	0.009	3053	0.006	2702	0.006	2267	0.006
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1502	0.006	1052	0.006	751	0.006	535	0.008	489	0.009	595	0.009	1396	0.009	3947	0.009	4935	0.009	4206	0.011	4039	0.011	3924	0.010	3827	0.009	4522	0.006	4648	0.006	4375	0.008	4326	0.009	4412	0.010	4764	0.009	4178	0.009	3175	0.008	3163	0.006	2796	0.006	2345	0.006
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1502	0.006	1052	0.006	751	0.006	535	0.008	489	0.009	595	0.009	1396	0.009	3947	0.009	4935	0.009	4206	0.011	4039	0.011	3924	0.010	3827	0.009	4522	0.006	4648	0.006	4375	0.008	4326	0.009	4412	0.010	4764	0.009	4178	0.009	3175	0.008	3163	0.006	2796	0.006	2345	0.006
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	228	0.007	160	0.007	114	0.007	84	0.009	66	0.009	80	0.009	188	0.009	532	0.010	673	0.011	577	0.012	553	0.012	540	0.012	522	0.010	693	0.008	706	0.008	691	0.010	704	0.011	740	0.012	790	0.012	696	0.012	515	0.010	485	0.007	425	0.007	356	0.007
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	228	0.007	160	0.007	114	0.007	84	0.009	66	0.009	80	0.009	188	0.009	532	0.010	673	0.011	577	0.012	553	0.012	540	0.012	522	0.010	693	0.008	706	0.008	691	0.010	704	0.011	740	0.012	790	0.012	696	0.012	515	0.010	485	0.007	425	0.007	356	0.007
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1274	0.006	892	0.006	637	0.006	450	0.008	423	0.009	515	0.009	1208	0.009	3415	0.009	4262	0.009	3629	0.011	3486	0.010	3384	0.010	3305	0.009	3829	0.006	3942	0.006	3684	0.008	3622	0.008	3672	0.009	3974	0.009	3482	0.009	2660	0.008	2678	0.006	2371	0.006	1989	0.006
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	221	0.007	154	0.006	110	0.006	76	0.008	78	0.009	95	0.009	222	0.009	627	0.011	765	0.012	645	0.013	622	0.013	598	0.012	592	0.011	654	0.007	683	0.008	621	0.009	590	0.009	583	0.010	637	0.010	553	0.009	433	0.009	457	0.007	411	0.007	345	0.007
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	221	0.007	154	0.006	110	0.006	76	0.008	78	0.009	95	0.009	222	0.009	627	0.011	765	0.012	645	0.013	622	0.013	598	0.012	592	0.011	654	0.007	683	0.008	621	0.009	590	0.009	583	0.010	637	0.010	553	0.009	433	0.009	457	0.007	411	0.007	345	0.007
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.010	110	0.010	258	0.011	729	0.012	916	0.014	778	0.015	750	0.015	730	0.014	708	0.013	917	0.009	937	0.009	892	0.012	885	0.013	899	0.015	975	0.014	856	0.014	648	0.012	641	0.008	564	0.008	473	0.008
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1797	0.006	1258	0.006	899	0.006	635	0.008	591	0.009	720	0.009	1688	0.009	4772	0.009	5942	0.009	5052	0.011	4858	0.010	4713	0.010	4606	0.009	5399	0.006	5562	0.006	5197	0.007	5097	0.008	5154	0.009	5587	0.009	4891	0.009	3741	0.008	3777	0.006	3345	0.006	2806	0.006
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1797	0.006	1258	0.006	899	0.006	635	0.008	591	0.009	720	0.009	1688	0.009	4772	0.009	5942	0.009	5052	0.011	4858	0.010	4713	0.010	4606	0.009	5399	0.006	5562	0.006	5197	0.007	5097	0.008	5154	0.009	5587	0.009	4891	0.009	3741	0.008	3777	0.006	3345	0.006	2806	0.006
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1797	0.006	1258	0.006	899	0.006	635	0.008	591	0.009	720	0.009	1688	0.009	4772	0.009	5942	0.009	5052	0.011	4858	0.010	4713	0.010	4606	0.009	5399	0.006	5562	0.006	5197	0.007	5097	0.008	5154	0.009	5587	0.009	4891	0.009	3741	0.008	3777	0.006	3345	0.006	2806	0.006
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	540	0.010	378	0.010	270	0.010	202	0.012	197	0.010	240	0.010	563	0.010	1593	0.011	1933	0.012	1624	0.013	1573	0.013	1508	0.012	1491	0.011	1594	0.010	1672	0.011	1652	0.014	1619	0.014	1686	0.016	1817	0.016	1568	0.015	1171	0.013	1115	0.010	1006	0.011	843	0.010
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	540	0.010	378	0.010	270	0.010	202	0.012	197	0.010	240	0.010	563	0.010	1593	0.011	1933	0.012	1624	0.013	1573	0.013	1508	0.012	1491	0.011	1594	0.010	1672	0.011	1652	0.014	1619	0.014	1686	0.016	1817	0.016	1568	0.015	1171	0.013	1115	0.010	1006	0.011	843	0.010
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	425	0.009	297	0.009	212	0.009	153	0.011	139	0.012	169	0.012	397	0.013	1122	0.014	1372	0.015	1186	0.016	1137	0.016	1083	0.015	1052	0.014	1246	0.010	1314	0.010	1251	0.013	1203	0.013	1232	0.014	1332	0.014	1147	0.013	875	0.012	871	0.009	791	0.010	663	0.010
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	425	0.009	297	0.009	212	0.009	153	0.011	139	0.012	169	0.012	397	0.013	1122	0.014	1372	0.015	1186	0.016	1137	0.016	1083	0.015	1052	0.014	1246	0.010	1314	0.010	1251	0.013	1203	0.013	1232	0.014	1332	0.014	1147	0.013	875	0.012	871	0.009	791	0.010	663	0.010
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	399	0.011	279	0.010	199	0.010	150	0.013	158	0.011	193	0.011	452	0.011	1278	0.012	1564	0.013	1329	0.014	1282	0.014	1230	0.013	1204	0.012	1175	0.011	1234	0.012	1225	0.015	1201	0.015	1253	0.017	1350	0.017	1164	0.016	867	0.014	822	0.010	742	0.011	623	0.011
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	399	0.011	279	0.010	199	0.010	150	0.013	158	0.011	193	0.011	452	0.011	1278	0.012	1564	0.013	1329	0.014	1282	0.014	1230	0.013	1204	0.012	1175	0.011	1234	0.012	1225	0.015	1201	0.015	1253	0.017	1350	0.017	1164	0.016	867	0.014	822	0.010	742	0.011	623	0.011
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	399	0.011	279	0.010	199	0.010	150	0.013	158	0.011	193	0.011	452	0.011	1278	0.012	1564	0.013	1329	0.014	1282	0.014	1230	0.013	1204	0.012	1175	0.011	1234	0.012	1225	0.015	1201	0.015	1253	0.017	1350	0.017	1164	0.016	867	0.014	822	0.010	742	0.011	623	0.011
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	399	0.011	279	0.010	199	0.010	150	0.013	158	0.011	193	0.011	452	0.011	1278	0.012	1564	0.013	1329	0.014	1282	0.014	1230	0.013	1204	0.012	1175	0.011	1234	0.012	1225	0.015	1201	0.015	1253	0.017	1350	0.017	1164	0.016	867	0.014	822	0.010	742	0.011	623	0.011
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	399	0.011	279	0.010	199	0.010	150	0.013	158	0.011	193	0.011	452	0.011	1278	0.012	1564	0.013	1329	0.014	1282	0.014	1230	0.013	1204	0.012	1175	0.011	1234	0.012	1225	0.015	1201	0.015	1253	0.017	1350	0.017	1164	0.016	867	0.014	822	0.010	742	0.011	623	0.011
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	225	0.011	158	0.011	113	0.011	83	0.013	81	0.014	98	0.014	231	0.015	652	0.016	795	0.016	696	0.017	665	0.017	629	0.016	605	0.015	650	0.010	697	0.012	678	0.014	651	0.014	680	0.016	730	0.015	623	0.014	471	0.013	455	0.010	419	0.011	351	0.011
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	225	0.011	158	0.011	113	0.011	83	0.013	81	0.014	98	0.014	231	0.015	652	0.016	795	0.016	696	0.017	665	0.017	629	0.016	605	0.015	650	0.010	697	0.012	678	0.014	651	0.014	680	0.016	730	0.015	623	0.014	471	0.013	455	0.010	419	0.011	351	0.011
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	225	0.011	158	0.011	113	0.011	83	0.013	81	0.014	98	0.014	231	0.015	652	0.016	795	0.016	696	0.017	665	0.017	629	0.016	605	0.015	650	0.010	697	0.012	678	0.014	651	0.014	680	0.016	730	0.015	623	0.014	471	0.013	455	0.010	419	0.011	351	0.011
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	528	0.009	370	0.009	264	0.009	192	0.011	171	0.012	208	0.012	488	0.013	1381	0.014	1710	0.015	1475	0.017	1416	0.016	1359	0.016	1314	0.014	1567	0.010	1634	0.011	1570	0.013	1536	0.014	1579	0.015	1705	0.015	1479	0.014	1118	0.013	1096	0.009	983	0.010	824	0.010
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	528	0.009	370	0.009	264	0.009	192	0.011	171	0.012	208	0.012	488	0.013	1381	0.014	1710	0.015	1475	0.017	1416	0.016	1359	0.016	1314	0.014	1567	0.010	1634	0.011	1570	0.013	1536	0.014	1579	0.015	1705	0.015	1479	0.014	1118	0.013	1096	0.009	983	0.010	824	0.010
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	528	0.009	370	0.009	264	0.009	192	0.011	171	0.012	208	0.012	488	0.013	1381	0.014	1710	0.015	1475	0.017	1416	0.016	1359	0.016	1314	0.014	1567	0.010	1634	0.011	1570	0.013	1536	0.014	1579	0.015	1705	0.015	1479	0.014	1118	0.013	1096	0.009	983	0.010	824	0.010
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	197	0.010	138	0.010	99	0.010	75	0.013	91	0.011	110	0.011	259	0.011	732	0.012	902	0.013	772	0.014	742	0.013	713	0.013	694	0.012	582	0.011	611	0.011	616	0.014	613	0.015	653	0.017	697	0.016	602	0.016	443	0.014	407	0.010	367	0.011	308	0.011
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	197	0.010	138	0.010	99	0.010	75	0.013	91	0.011	110	0.011	259	0.011	732	0.012	902	0.013	772	0.014	742	0.013	713	0.013	694	0.012	582	0.011	611	0.011	616	0.014	613	0.015	653	0.017	697	0.016	602	0.016	443	0.014	407	0.010	367	0.011	308	0.011
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	336	0.009	235	0.009	168	0.009	122	0.011	115	0.011	140	0.011	328	0.012	928	0.013	1135	0.013	968	0.015	932	0.014	893	0.014	874	0.012	991	0.010	1039	0.010	999	0.013	975	0.013	1007	0.015	1085	0.015	938	0.014	709	0.012	693	0.009	625	0.010	524	0.009
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	336	0.009	235	0.009	168	0.009	122	0.011	115	0.011	140	0.011	328	0.012	928	0.013	1135	0.013	968	0.015	932	0.014	893	0.014	874	0.012	991	0.010	1039	0.010	999	0.013	975	0.013	1007	0.015	1085	0.015	938	0.014	709	0.012	693	0.009	625	0.010	524	0.009
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	196	0.010	137	0.010	98	0.010	75	0.013	96	0.011	116	0.011	273	0.011	772	0.012	954	0.013	815	0.014	784	0.014	755	0.013	735	0.012	580	0.011	606	0.011	614	0.014	616	0.015	658	0.017	701	0.016	607	0.016	445	0.014	406	0.010	365	0.011	306	0.011
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	196	0.010	137	0.010	98	0.010	75	0.013	96	0.011	116	0.011	273	0.011	772	0.012	954	0.013	815	0.014	784	0.014	755	0.013	735	0.012	580	0.011	606	0.011	614	0.014	616	0.015	658	0.017	701	0.016	607	0.016	445	0.014	406	0.010	365	0.011	306	0.011
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	196	0.010	137	0.010	98	0.010	75	0.013	96	0.011	116	0.011	273	0.011	772	0.012	954	0.013	815	0.014	784	0.014	755	0.013	735	0.012	580	0.011	606	0.011	614	0.014	616	0.015	658	0.017	701	0.016	607	0.016	445	0.014	406	0.010	365	0.011	306	0.011
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	196	0.010	137	0.010	98	0.010	75	0.013	96	0.011	116	0.011	273	0.011	772	0.012	954	0.013	815	0.014	784	0.014	755	0.013	735	0.012	580	0.011	606	0.011	614	0.014	616	0.015	658	0.017	701	0.016	607	0.016	445	0.014	406	0.010	365	0.011	306	0.011
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	300	0.008	210	0.008	150	0.008	109	0.010	119	0.010	145	0.010	341	0.010	964	0.011	1188	0.012	1007	0.014	971	0.013	937	0.013	919	0.011	894	0.009	929	0.009	888	0.012	873	0.012	900	0.014	970	0.014	844	0.013	638	0.012	625	0.008	559	0.009	469	0.008
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	300	0.008	210	0.008	150	0.008	109	0.010	119	0.010	145	0.010	341	0.010	964	0.011	1188	0.012	1007	0.014	971	0.013	937	0.013	919	0.011	894	0.009	929	0.009	888	0.012	873	0.012	900	0.014	970	0.014	844	0.013	638	0.012	625	0.008	559	0.009	469	0.008
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	300	0.008	210	0.008	150	0.008	109	0.010	119	0.010	145	0.010	341	0.010	964	0.011	1188	0.012	1007	0.014	971	0.013	937	0.013	919	0.011	894	0.009	929	0.009	888	0.012	873	0.012	900	0.014	970	0.014	844	0.013	638	0.012	625	0.008	559	0.009	469	0.008
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	187	0.010	131	0.010	94	0.010	71	0.013	104	0.010	126	0.010	296	0.010	838	0.011	1029	0.012	869	0.013	840	0.013	809	0.012	794	0.011	554	0.010	580	0.011	579	0.014	578	0.014	615	0.016	656	0.016	568	0.015	419	0.013	388	0.010	349	0.010	292	0.010
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	300	0.008	210	0.008	150	0.008	109	0.010	119	0.010	145	0.010	341	0.010	964	0.011	1188	0.012	1007	0.014	971	0.013	937	0.013	919	0.011	894	0.009	929	0.009	888	0.012	873	0.012	900	0.014	970	0.014	844	0.013	638	0.012	625	0.008	559	0.009	469	0.008
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	155	0.011	108	0.011	77	0.011	57	0.013	51	0.015	62	0.015	146	0.015	414	0.015	506	0.015	451	0.017	428	0.016	403	0.015	385	0.014	442	0.010	479	0.012	464	0.014	434	0.013	447	0.014	484	0.014	409	0.013	312	0.012	309	0.010	288	0.011	242	0.011
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	74	0.009	52	0.009	37	0.009	28	0.012	27	0.010	33	0.010	78	0.010	221	0.011	274	0.011	239	0.012	228	0.012	218	0.012	210	0.011	217	0.009	230	0.009	230	0.012	225	0.012	237	0.013	255	0.013	218	0.012	162	0.011	152	0.009	138	0.009	116	0.009
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.008	28	0.008	20	0.008	14	0.010	16	0.012	20	0.012	46	0.012	130	0.013	164	0.015	141	0.017	135	0.016	132	0.016	128	0.014	119	0.009	122	0.009	112	0.011	110	0.012	111	0.013	120	0.013	106	0.013	81	0.011	84	0.009	73	0.009	62	0.008
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.008	28	0.008	20	0.008	14	0.010	16	0.012	20	0.012	46	0.012	130	0.013	164	0.015	141	0.017	135	0.016	132	0.016	128	0.014	119	0.009	122	0.009	112	0.011	110	0.012	111	0.013	120	0.013	106	0.013	81	0.011	84	0.009	73	0.009	62	0.008
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	230	0.015	161	0.015	115	0.015	81	0.016	81	0.016	99	0.016	232	0.016	656	0.017	773	0.017	654	0.017	631	0.017	594	0.016	594	0.016	660	0.014	712	0.016	659	0.017	611	0.016	615	0.017	668	0.017	567	0.016	444	0.015	461	0.014	428	0.015	359	0.015
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	230	0.015	161	0.015	115	0.015	81	0.016	81	0.016	99	0.016	232	0.016	656	0.017	773	0.017	654	0.017	631	0.017	594	0.016	594	0.016	660	0.014	712	0.016	659	0.017	611	0.016	615	0.017	668	0.017	567	0.016	444	0.015	461	0.014	428	0.015	359	0.015
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	306	0.014	214	0.014	153	0.014	106	0.015	107	0.015	131	0.015	306	0.015	866	0.016	1030	0.016	863	0.017	835	0.016	794	0.015	795	0.015	890	0.014	948	0.015	869	0.016	813	0.015	811	0.016	884	0.016	757	0.015	593	0.014	623	0.013	570	0.014	478	0.014
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	686	0.008	480	0.008	343	0.008	247	0.010	237	0.010	289	0.010	677	0.010	1914	0.012	2348	0.013	1989	0.014	1918	0.013	1846	0.013	1813	0.011	2035	0.009	2122	0.010	2020	0.012	1964	0.012	2003	0.014	2170	0.014	1882	0.013	1432	0.011	1423	0.009	1276	0.009	1071	0.009
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	297	0.022	208	0.022	149	0.021	109	0.023	98	0.022	120	0.022	280	0.023	793	0.025	917	0.023	790	0.025	762	0.024	703	0.023	693	0.022	830	0.021	920	0.023	891	0.026	808	0.024	823	0.025	899	0.025	745	0.024	576	0.023	581	0.021	553	0.023	464	0.023
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	297	0.022	208	0.022	149	0.021	109	0.023	98	0.022	120	0.022	280	0.023	793	0.025	917	0.023	790	0.025	762	0.024	703	0.023	693	0.022	830	0.021	920	0.023	891	0.026	808	0.024	823	0.025	899	0.025	745	0.024	576	0.023	581	0.021	553	0.023	464	0.023
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	297	0.022	208	0.022	149	0.021	109	0.023	98	0.022	120	0.022	280	0.023	793	0.025	917	0.023	790	0.025	762	0.024	703	0.023	693	0.022	830	0.021	920	0.023	891	0.026	808	0.024	823	0.025	899	0.025	745	0.024	576	0.023	581	0.021	553	0.023	464	0.023
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	297	0.022	208	0.022	149	0.021	109	0.023	98	0.022	120	0.022	280	0.023	793	0.025	917	0.023	790	0.025	762	0.024	703	0.023	693	0.022	830	0.021	920	0.023	891	0.026	808	0.024	823	0.025	899	0.025	745	0.024	576	0.023	581	0.021	553	0.023	464	0.023
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	169	0.027	118	0.026	85	0.026	63	0.027	60	0.025	73	0.025	172	0.028	485	0.029	532	0.027	463	0.028	446	0.028	396	0.026	396	0.025	443	0.025	523	0.029	514	0.031	443	0.028	464	0.030	502	0.030	399	0.027	311	0.027	310	0.025	315	0.028	264	0.028
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	141	0.013	99	0.013	71	0.013	50	0.015	41	0.014	50	0.014	118	0.015	334	0.016	419	0.016	357	0.018	345	0.018	335	0.017	322	0.016	426	0.015	437	0.015	413	0.017	399	0.017	393	0.017	434	0.018	379	0.017	291	0.016	298	0.014	263	0.014	220	0.014
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	431	0.016	302	0.015	216	0.015	151	0.016	131	0.016	159	0.016	373	0.017	1054	0.018	1299	0.019	1098	0.020	1058	0.020	1023	0.019	1006	0.018	1286	0.016	1334	0.016	1235	0.018	1191	0.018	1188	0.019	1296	0.019	1129	0.019	873	0.018	900	0.016	802	0.016	673	0.016
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	431	0.016	302	0.015	216	0.015	151	0.016	131	0.016	159	0.016	373	0.017	1054	0.018	1299	0.019	1098	0.020	1058	0.020	1023	0.019	1006	0.018	1286	0.016	1334	0.016	1235	0.018	1191	0.018	1188	0.019	1296	0.019	1129	0.019	873	0.018	900	0.016	802	0.016	673	0.016
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	431	0.016	302	0.015	216	0.015	151	0.016	131	0.016	159	0.016	373	0.017	1054	0.018	1299	0.019	1098	0.020	1058	0.020	1023	0.019	1006	0.018	1286	0.016	1334	0.016	1235	0.018	1191	0.018	1188	0.019	1296	0.019	1129	0.019	873	0.018	900	0.016	802	0.016	673	0.016
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	666	0.017	466	0.017	333	0.016	233	0.017	209	0.018	255	0.018	598	0.019	1691	0.020	2052	0.020	1739	0.022	1676	0.021	1604	0.021	1584	0.020	1960	0.017	2060	0.018	1907	0.020	1815	0.019	1816	0.020	1979	0.020	1709	0.020	1326	0.018	1371	0.017	1239	0.018	1039	0.017
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	196	0.014	137	0.014	98	0.013	71	0.015	68	0.014	82	0.014	193	0.016	547	0.016	689	0.017	588	0.018	565	0.018	551	0.018	534	0.017	594	0.015	607	0.015	582	0.017	580	0.018	593	0.019	642	0.019	563	0.019	424	0.017	415	0.015	365	0.015	306	0.015
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	196	0.014	137	0.014	98	0.013	71	0.015	68	0.014	82	0.014	193	0.016	547	0.016	689	0.017	588	0.018	565	0.018	551	0.018	534	0.017	594	0.015	607	0.015	582	0.017	580	0.018	593	0.019	642	0.019	563	0.019	424	0.017	415	0.015	365	0.015	306	0.015
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	98	0.015	69	0.015	49	0.015	36	0.017	34	0.016	41	0.016	97	0.016	273	0.017	345	0.018	294	0.020	283	0.019	276	0.019	267	0.018	297	0.016	303	0.016	291	0.018	290	0.019	296	0.020	321	0.020	282	0.020	212	0.019	208	0.016	182	0.016	153	0.016
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	98	0.015	69	0.015	49	0.015	36	0.017	34	0.016	41	0.016	97	0.016	273	0.017	345	0.018	294	0.020	283	0.019	276	0.019	267	0.018	297	0.016	303	0.016	291	0.018	290	0.019	296	0.020	321	0.020	282	0.020	212	0.019	208	0.016	182	0.016	153	0.016
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	98	0.015	69	0.015	49	0.015	36	0.017	34	0.016	41	0.016	97	0.016	273	0.017	345	0.018	294	0.020	283	0.019	276	0.019	267	0.018	297	0.016	303	0.016	291	0.018	290	0.019	296	0.020	321	0.020	282	0.020	212	0.019	208	0.016	182	0.016	153	0.016

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour RSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	49	0.015	34	0.015	25	0.015	18	0.017	17	0.016	21	0.016	48	0.016	137	0.017	172	0.018	147	0.019	141	0.019	138	0.019	133	0.017	148	0.016	152	0.016	146	0.018	145	0.019	148	0.020	160	0.020	141	0.019	106	0.018	104	0.015	91	0.015	77	0.015
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	49	0.015	34	0.015	25	0.015	18	0.017	17	0.016	21	0.016	48	0.016	137	0.017	172	0.018	147	0.019	141	0.019	138	0.019	133	0.017	148	0.016	152	0.016	146	0.018	145	0.019	148	0.020	160	0.020	141	0.019	106	0.018	104	0.015	91	0.015	77	0.015
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	49	0.015	34	0.015	25	0.015	18	0.017	17	0.016	21	0.016	48	0.016	137	0.017	172	0.018	147	0.019	141	0.019	138	0.019	133	0.017	148	0.016	152	0.016	146	0.018	145	0.019	148	0.020	160	0.020	141	0.019	106	0.018	104	0.015	91	0.015	77	0.015
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	49	0.015	34	0.015	25	0.015	18	0.017	17	0.016	21	0.016	48	0.016	137	0.017	172	0.018	147	0.019	141	0.019	138	0.019	133	0.017	148	0.016	152	0.016	146	0.018	145	0.019	148	0.020	160	0.020	141	0.019	106	0.018	104	0.015	91	0.015	77	0.015
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	487	0.014	341	0.014	244	0.014	172	0.015	168	0.014	204	0.014	479	0.014	1353	0.015	1624	0.016	1319	0.016	1296	0.016	1249	0.015	1257	0.015	1454	0.015	1508	0.016	1407	0.017	1350	0.017	1337	0.018	1468	0.018	1275	0.018	986	0.016	1017	0.015	907	0.015	761	0.015
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	487	0.014	341	0.014	244	0.014	172	0.015	168	0.014	204	0.014	479	0.014	1353	0.015	1624	0.016	1319	0.016	1296	0.016	1249	0.015	1257	0.015	1454	0.015	1508	0.016	1407	0.017	1350	0.017	1337	0.018	1468	0.018	1275	0.018	986	0.016	1017	0.015	907	0.015	761	0.015
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	487	0.014	341	0.014	244	0.014	172	0.015	168	0.014	204	0.014	479	0.014	1353	0.015	1624	0.016	1319	0.016	1296	0.016	1249	0.015	1257	0.015	1454	0.015	1508	0.016	1407	0.017	1350	0.017	1337	0.018	1468	0.018	1275	0.018	986	0.016	1017	0.015	907	0.015	761	0.015
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	487	0.014	341	0.014	244	0.014	172	0.015	168	0.014	204	0.014	479	0.014	1353	0.015	1624	0.016	1319	0.016	1296	0.016	1249	0.015	1257	0.015	1454	0.015	1508	0.016	1407	0.017	1350	0.017	1337	0.018	1468	0.018	1275	0.018	986	0.016	1017	0.015	907	0.015	761	0.015
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	487	0.014	341	0.014	244	0.014	172	0.015	168	0.014	204	0.014	479	0.014	1353	0.015	1624	0.016	1319	0.016	1296	0.016	1249	0.015	1257	0.015	1454	0.015	1508	0.016	1407	0.017	1350	0.017	1337	0.018	1468	0.018	1275	0.018	986	0.016	1017	0.015	907	0.015	761	0.015
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	241	0.014	169	0.014	121	0.013	86	0.015	104	0.013	126	0.014	296	0.014	836	0.015	982	0.015	804	0.015	788	0.016	747	0.014	755	0.014	703	0.014	746	0.015	708	0.017	669	0.016	675	0.017	736	0.018	630	0.017	485	0.015	492	0.014	449	0.014	376	0.014
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	180	0.015	126	0.014	90	0.014	66	0.016	57	0.016	70	0.016	163	0.017	461	0.018	598	0.020	529	0.021	501	0.021	489	0.021	461	0.019	545	0.015	557	0.015	543	0.018	548	0.019	569	0.021	612	0.020	538	0.020	400	0.018	381	0.015	335	0.015	281	0.015
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	180	0.015	126	0.014	90	0.014	66	0.016	57	0.016	70	0.016	163	0.017	461	0.018	598	0.020	529	0.021	501	0.021	489	0.021	461	0.019	545	0.015	557	0.015	543	0.018	548	0.019	569	0.021	612	0.020	538	0.020	400	0.018	381	0.015	335	0.015	281	0.015
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	180	0.015	126	0.014	90	0.014	66	0.016	57	0.016	70	0.016	163	0.017	461	0.018	598	0.020	529	0.021	501	0.021	489	0.021	461	0.019	545	0.015	557	0.015	543	0.018	548	0.019	569	0.021	612	0.020	538	0.020	400	0.018	381	0.015	335	0.015	281	0.015
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	180	0.015	126	0.014	90	0.014	66	0.016	57	0.016	70	0.016	163	0.017	461	0.018	598	0.020	529	0.021	501	0.021	489	0.021	461	0.019	545	0.015	557	0.015	543	0.018	548	0.019	569	0.021	612	0.020	538	0.020	400	0.018	381	0.015	335	0.015	281	0.015
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	180	0.015	126	0.014	90	0.014	66	0.016	57	0.016	70	0.016	163	0.017	461	0.018	598	0.020	529	0.021	501	0.021	489	0.021	461	0.019	545	0.015	557	0.015	543	0.018	548	0.019	569	0.021	612	0.020	538	0.020	400	0.018	381	0.015	335	0.015	281	0.015
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	56	0.014	39	0.014	28	0.014	20	0.016	19	0.015	23	0.015	54	0.015	153	0.016	197	0.018	172	0.020	164	0.019	160	0.019	152	0.017	170	0.014	173	0.014	166	0.017	164	0.018	166	0.019	181	0.019	158	0.019	120	0.017	119	0.014	104	0.014	87	0.014
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	28	0.014	20	0.013	14	0.013	10	0.016	10	0.015	12	0.015	27	0.015	77	0.016	98	0.017	86	0.019	82	0.018	80	0.018	76	0.016	85	0.014	87	0.014	83	0.016	82	0.017	83	0.018	90	0.018	79	0.018	60	0.016	59	0.014	52	0.014	44	0.014
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	56	0.014	39	0.014	28	0.014	20	0.016	19	0.015	23	0.015	54	0.015	153	0.016	197	0.018	172	0.020	164	0.019	160	0.019	152	0.017	170	0.014	173	0.014	166	0.017	164	0.018	166	0.019	181	0.019	158	0.019	120	0.017	119	0.014	104	0.014	87	0.014
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	76	0.012	53	0.012	38	0.012	28	0.014	28	0.013	34	0.013	80	0.014	227	0.015	290	0.016	251	0.018	240	0.017	234	0.017	224	0.015	231	0.013	236	0.013	225	0.016	223	0.016	227	0.018	246	0.017	216	0.017	163	0.015	162	0.013	142	0.013	119	0.012
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	63	0.012	44	0.011	31	0.011	23	0.013	33	0.012	40	0.012	93	0.012	263	0.013	330	0.015	280	0.016	270	0.015	263	0.015	256	0.014	190	0.013	195	0.013	185	0.015	184	0.015	188	0.017	203	0.016	179	0.016	135	0.014	133	0.012	117	0.012	98	0.012
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	63	0.012	44	0.011	31	0.011	23	0.013	33	0.012	40	0.012	93	0.012	263	0.013	330	0.015	280	0.016	270	0.015	263	0.015	256	0.014	190	0.013	195	0.013	185	0.015	184	0.015	188	0.017	203	0.016	179	0.016	135	0.014	133	0.012	117	0.012	98	0.012
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	63	0.012	44	0.011	31	0.011	23	0.013	33	0.012	40	0.012	93	0.012	263	0.013	330	0.015	280	0.016	270	0.015	263	0.015	256	0.014	190	0.013	195	0.013	185	0.015	184	0.015	188	0.017	203	0.016	179	0.016	135	0.014	133	0.012	117	0.012	98	0.012
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	63	0.012	44	0.011	31	0.011	23	0.013	33	0.012	40	0.012	93	0.012	263	0.013	330	0.015	280	0.016	270	0.015	263	0.015	256	0.014	190	0.013	195	0.013	185	0.015	184	0.015	188	0.017	203	0.016	179	0.016	135	0.014	133	0.012	117	0.012	98	0.012
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	69	0.013	48	0.013	34	0.013	25	0.015	43	0.012	52	0.012	122	0.013	344	0.014	426	0.015	354	0.016	344	0.016	335	0.016	331	0.015	209	0.015	214	0.015	205	0.017	206	0.018	212	0.019	228	0.019	201	0.019	151	0.017	146	0.014	128	0.014	108	0.013
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	431	0.016	302	0.015	216	0.015	151	0.016	131	0.016	159	0.016	373	0.017	1054	0.018	1299	0.019	1098	0.020	1058	0.020	1023	0.019	1006	0.018	1286	0.016	1334	0.016	1235	0.018	1191	0.018	1188	0.019	1296	0.019	1129	0.019	873	0.018	900	0.016	802	0.016	673	0.016
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	431	0.016	302	0.015	216	0.015	151	0.016	131	0.016	159	0.016	373	0.017	1054	0.018	1299	0.019	1098	0.020	1058	0.020	1023	0.019	1006	0.018	1286	0.016	1334	0.016	1235	0.018	1191	0.018	1188	0.019	1296	0.019	1129	0.019	873	0.018	900	0.016	802	0.016	673	0.016
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.006	9	0.006	6	0.006	4	0.006	6	0.006	7	0.006	17	0.006	47	0.006	57	0.007	46	0.007	45	0.007	44	0.007	45	0.007	38	0.006	38	0.006	34	0.007	32	0.007	31	0.007	34	0.007	30	0.007	24	0.007	26	0.006	23	0.006	19	0.006
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.013	3	0.013	2	0.013	2	0.013	2	0.013	3	0.013	7	0.013	19	0.013	23	0.013	18	0.013	18	0.013	18	0.013	18	0.013	15	0.014	15	0.014	13	0.014	13	0.014	13	0.014	14	0.014	12	0.014	10	0.014	11	0.013	9	0.013	8	0.013
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.013	5	0.013	4	0.013	2	0.013	4	0.013	4	0.013	10	0.013	28	0.013	34	0.013	28	0.013	27	0.013	26	0.013	27	0.013	23	0.014	23	0.014	20	0.014	19	0.014	19	0.014	21	0.014	18	0.014	14	0.014	16	0.014	14	0.014	12	0.013
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	540	0.015	378	0.015	270	0.014	202	0.016	197	0.014	240	0.014	563	0.014	1593	0.015	1933	0.016	1624	0.017	1573	0.016	1508	0.016	1491	0.015	1594	0.015	1672	0.016	1652	0.018	1619	0.018	1686	0.020	1817	0.020	1568	0.019	1171	0.017	1115	0.015	1006	0.015	843	0.015

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
1	1	830257.0	840318.0	830336.0	840303.0	7.1	11.7	80.4	1519	0.006	1063	0.006	760	0.006	550	0.008	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.008	4828	0.009	4647	0.009	4505	0.009	4402	0.008	4553	0.006	4701	0.006	4503	0.008	4416	0.009	4490	0.010	4878	0.009	4251	0.009	3219	0.008	3184	0.006	2827	0.006	2372	0.006
2	1	830336.0	840303.0	830419.0	840270.0	7.1	11.7	89.3	1519	0.006	1063	0.006	760	0.006	550	0.008	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.008	4828	0.009	4647	0.009	4505	0.009	4402	0.008	4553	0.006	4701	0.006	4503	0.008	4416	0.009	4490	0.010	4878	0.009	4251	0.009	3219	0.008	3184	0.006	2827	0.006	2372	0.006
3	1	830418.0	840268.0	830525.0	840207.0	7.1	15.9	123.2	1519	0.006	1063	0.006	760	0.006	550	0.008	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.008	4828	0.009	4647	0.009	4505	0.009	4402	0.008	4553	0.006	4701	0.006	4503	0.008	4416	0.009	4490	0.010	4878	0.009	4251	0.009	3219	0.008	3184	0.006	2827	0.006	2372	0.006
4	1	830217.0	840317.0	830257.0	840318.0	7.2	13.8	40.0	1519	0.006	1063	0.006	760	0.006	550	0.008	566	0.008	689	0.008	1616	0.008	4570	0.008	5684	0.008	4828	0.009	4647	0.009	4505	0.009	4402	0.008	4553	0.006	4701	0.006	4503	0.008	4416	0.009	4490	0.010	4878	0.009	4251	0.009	3219	0.008	3184	0.006	2827	0.006	2372	0.006
5	1	830749.0	840105.0	830776.0	840103.0	0.0	12.4	27.1	365	0.008	256	0.008	183	0.007	134	0.010	146	0.008	177	0.008	415	0.008	1175	0.009	1443	0.010	1208	0.011	1171	0.010	1132	0.010	1117	0.009	1090	0.008	1131	0.008	1098	0.011	1073	0.012	1095	0.013	1191	0.013	1033	0.012	779	0.010	763	0.008	680	0.008	570	0.008
6	1	830680.0	840137.0	830724.0	840116.0	0.0	12.4	48.8	365	0.008	256	0.008	183	0.007	134	0.010	146	0.008	177	0.008	415	0.008	1175	0.009	1443	0.010	1208	0.011	1171	0.010	1132	0.010	1117	0.009	1090	0.008	1131	0.008	1098	0.011	1073	0.012	1095	0.013	1191	0.013	1033	0.012	779	0.010	763	0.008	680	0.008	570	0.008
7	1	830724.0	840116.0	830749.0	840105.0	0.0	12.4	27.3	365	0.008	256	0.008	183	0.007	134	0.010	146	0.008	177	0.008	415	0.008	1175	0.009	1443	0.010	1208	0.011	1171	0.010	1132	0.010	1117	0.009	1090	0.008	1131	0.008	1098	0.011	1073	0.012	1095	0.013	1191	0.013	1033	0.012	779	0.010	763	0.008	680	0.008	570	0.008
8	1	830528.0	840212.0	830679.0	840135.0	7.1	6.4	169.5	365	0.008	256	0.008	183	0.007	134	0.010	146	0.008	177	0.008	415	0.008	1175	0.009	1443	0.010	1208	0.011	1171	0.010	1132	0.010	1117	0.009	1090	0.008	1131	0.008	1098	0.011	1073	0.012	1095	0.013	1191	0.013	1033	0.012	779	0.010	763	0.008	680	0.008	570	0.008
9	4	830903.0	840025.0	831007.0	839990.0	7.1	14.0	109.7	1154	0.006	808	0.006	577	0.006	416	0.008	421	0.008	512	0.008	1201	0.008	3395	0.008	4241	0.008	3621	0.010	3477	0.009	3373	0.009	3285	0.008	3462	0.006	3571	0.006	3406	0.008	3343	0.009	3396	0.010	3687	0.009	3217	0.009	2440	0.008	2422	0.006	2147	0.006	1801	0.006
10	4	830758.0	840083.0	830903.0	840025.0	4.0	14.0	156.2	1154	0.006	808	0.006	577	0.006	416	0.008	421	0.008	512	0.008	1201	0.008	3395	0.008	4241	0.008	3621	0.010	3477	0.009	3373	0.009	3285	0.008	3462	0.006	3571	0.006	3406	0.008	3343	0.009	3396	0.010	3687	0.009	3217	0.009	2440	0.008	2422	0.006	2147	0.006	1801	0.006
11	3	830579.0	840173.0	830671.0	840122.0	7.1	11.0	105.2	1154	0.006	808	0.006	577	0.006	416	0.008	421	0.008	512	0.008	1201	0.008	3395	0.008	4241	0.008	3621	0.010	3477	0.009	3373	0.009	3285	0.008	3462	0.006	3571	0.006	3406	0.008	3343	0.009	3396	0.010	3687	0.009	3217	0.009	2440	0.008	2422	0.006	2147	0.006	1801	0.006
12	4	830672.0	840124.0	830758.0	840083.0	4.0	14.0	95.3	1154	0.006	808	0.006	577	0.006	416	0.008	421	0.008	512	0.008	1201	0.008	3395	0.008	4241	0.008	3621	0.010	3477	0.009	3373	0.009	3285	0.008	3462	0.006	3571	0.006	3406	0.008	3343	0.009	3396	0.010	3687	0.009	3217	0.009	2440	0.008	2422	0.006	2147	0.006	1801	0.006
13	1	830833.0	840079.0	830873.0	840048.0	7.1	7.0	50.6	298	0.005	209	0.005	149	0.005	106	0.007	114	0.008	138	0.008	324	0.008	917	0.010	1153	0.011	978	0.012	941	0.012	918	0.012	895	0.010	902	0.007	922	0.007	863	0.009	853	0.009	861	0.010	935	0.010	822	0.010	627	0.008	631	0.006	555	0.006	465	0.006
14	1	830874.0	840050.0	831010.0	840000.0	7.1	4.9	144.9	298	0.005	209	0.005	149	0.005	106	0.007	114	0.008	138	0.008	324	0.008	917	0.010	1153	0.011	978	0.012	941	0.012	918	0.012	895	0.010	902	0.007	922	0.007	863	0.009	853	0.009	861	0.010	935	0.010	822	0.010	627	0.008	631	0.006	555	0.006	465	0.006
15	1	831008.0	839994.0	831164.0	839948.0	7.1	13.4	162.6	1452	0.006	1016	0.006	726	0.006	522	0.008	534	0.008	650	0.008	1525	0.008	4312	0.008	5394	0.008	4599	0.009	4417	0.009	4291	0.009	4180	0.008	4365	0.006	4493	0.006	4269	0.008	4196	0.008	4257	0.009	4622	0.009	4039	0.009	3067	0.008	3053	0.006	2702	0.006	2267	0.006
16	1	831164.0	839948.0	831291.0	839913.0	7.1	13.4	131.7	1452	0.006	1016	0.006	726	0.006	522	0.008	534	0.008	650	0.008	1525	0.008	4312	0.008	5394	0.008	4599	0.009	4417	0.009	4291	0.009	4180	0.008	4365	0.006	4493	0.006	4269	0.008	4196	0.008	4257	0.009	4622	0.009	4039	0.009	3067	0.008	3053	0.006	2702	0.006	2267	0.006
17	1	831159.0	839930.0	830991.0	839974.0	7.1	12.4	173.7	1502	0.006	1052	0.006	751	0.006	535	0.007	489	0.008	595	0.008	1396	0.008	3947	0.008	4935	0.009	4206	0.010	4039	0.010	3924	0.010	3827	0.009	4522	0.006	4648	0.006	4375	0.007	4326	0.008	4412	0.009	4764	0.008	4178	0.008	3175	0.008	3163	0.006	2796	0.006	2345	0.006
18	1	831282.0	839895.0	831159.0	839930.0	7.1	12.2	127.9	1502	0.006	1052	0.006	751	0.006	535	0.007	489	0.008	595	0.008	1396	0.008	3947	0.008	4935	0.009	4206	0.010	4039	0.010	3924	0.010	3827	0.009	4522	0.006	4648	0.006	4375	0.007	4326	0.008	4412	0.009	4764	0.008	4178	0.008	3175	0.008	3163	0.006	2796	0.006	2345	0.006
19	1	830989.0	839967.0	830850.0	840015.0	0.0	11.6	147.1	228	0.006	160	0.006	114	0.006	84	0.008	66	0.008	80	0.008	188	0.008	532	0.009	673	0.010	577	0.011	553	0.011	540	0.011	522	0.009	693	0.007	706	0.007	691	0.009	704	0.010	740	0.011	790	0.011	696	0.011	515	0.009	485	0.007	425	0.007	356	0.006
20	1	830850.0	840015.0	830811.0	840026.0	0.0	11.6	40.5	228	0.006	160	0.006	114	0.006	84	0.008	66	0.008	80	0.008	188	0.008	532	0.009	673	0.010	577	0.011	553	0.011	540	0.011	522	0.009	693	0.007	706	0.007	691	0.009	704	0.010	740	0.011	790	0.011	696	0.011	515	0.009	485	0.007	425	0.007	356	0.006
21	3	830665.0	840110.0	830572.0	840161.0	7.1	17.0	106.1	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
22	1	830519.0	840188.0	830423.0	840243.0	7.1	22.7	110.6	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
23	4	830993.0	839979.0	830908.0	840007.0	7.1	16.3	89.5	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
24	4	830751.0	840069.0	830665.0	840110.0	7.1	18.4	95.3	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
25	4	830855.0	840026.0	830751.0	840069.0	4.0	18.4	112.5	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
26	4	830908.0	840007.0	830855.0	840026.0	4.0	18.4	56.3	1274	0.006	892	0.006	637	0.006	450	0.007	423	0.008	515	0.008	1208	0.008	3415	0.008	4262	0.008	3629	0.010	3486	0.010	3384	0.009	3305	0.008	3829	0.005	3942	0.005	3684	0.007	3622	0.008	3672	0.009	3974	0.008	3482	0.008	2660	0.008	2678	0.005	2371	0.006	1989	0.006
27	1	830613.0	840122.0	830515.0	840182.0	0.0	11.2	114.9	221	0.006	154	0.006	110	0.006	76	0.007	78	0.008	95	0.008	222	0.009	627	0.010	765	0.011	645	0.012	622	0.012	598	0.011	592	0.010	654	0.007	683	0.007	621	0.008	590	0.009	583	0.010	637	0.009	553	0.009	433	0.008	457	0.006	411	0.007	345	0.006
28	1	830756.0	840053.0	830613.0	840122.0	0.0	11.2	158.8	221	0.006	154	0.006	110	0.006	76	0.007	78	0.008	95	0.008	222	0.009	627	0.010	765	0.011	645	0.012	622	0.012	598	0.011	592	0.010	654	0.007	683	0.007	621	0.008	590	0.009	583	0.010	637	0.009	553	0.009	433	0.008	457	0.006	411	0.007	345	0.006
29	4	830855.0	840570.0	830828.0	840541.0	2.0	10.0	39.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
30	4	830828.0	840541.0	830804.0	840508.0	5.0	10.0	40.8	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
31	4	830800.0	840510.0	830786.0	840467.0	10.0	4.0	45.2	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
32	4	830785.0	840467.0	830780.0	840425.0	10.0	4.0	42.3	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
33	4	830780.0	840425.0	830778.0	840381.0	10.0	4.0	44.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
34	4	830778.0	840381.0	830775.0	840335.0	10.0	4.0	46.1	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
35	4	830775.0	840335.0	830777.0	840255.0	10.0	4.0	80.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
36	4	830777.0	840255.0	830786.0	840188.0	10.0	4.0	67.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
37	4	830786.0	840188.0	830783.0	840148.0	10.0	4.0	40.1	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
38	4	830784.0	840150.0	830765.0	840110.0	10.0	4.0	44.3	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
39	4	830768.0	840108.0	830733.0	840082.0	10.0	10.0	43.6	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
40	4	830732.0	840082.0	830700.0	840075.0	10.0	10.0	32.8	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
41	4	830700.0	840075.0	830666.0	840081.0	10.0	10.0	34.5	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
42	4	830666.0	840081.0	830619.0	840103.0	8.0	10.0	51.9	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
43	3	830619.0	840103.0	830430.0	840227.0	3.0	10.0	226.0	303	0.007	212	0.007	151	0.007	109	0.009	90	0.009	110	0.009	258	0.010	729	0.011	916	0.013	778	0.014	750	0.014	730	0.013	708	0.012	917	0.008	937	0.008	892	0.011	885	0.012	899	0.013	975	0.013	856	0.013	648	0.011	641	0.008	564	0.008	473	0.007
44	1	830424.0	840245.0	830333.0	840283.0	7.1	18.0	98.6	1797	0.006	1258	0.006	899	0.006	635	0.007	591	0.008	720	0.008	1688	0.008	4772	0.008	5942	0.008	5052	0.010	4858	0.009	4713	0.009	4606	0.008	5399	0.005	5562	0.005	5197	0.007	5097	0.007	5154	0.009	5587	0.008	4891	0.008	3741	0.007	3777	0.005	3345	0.006	2806	0.006
45	1	830332.0	840284.0	830255.0	840299.0	7.1	18.0	78.4	1797	0.006	1258	0.006	899	0.006	635	0.007	591	0.008	720	0.008	1688	0.008	4772	0.008	5942	0.008	5052	0.010	4858	0.009	4713	0.009	4606	0.008	5399	0.005	5562	0.005	5197	0.007	5097	0.007	5154	0.009	5587	0.008	4891	0.008	3741	0.007	3777	0.005	3345	0.006	2806	0.006
46	1	830254.0	840297.0	830216.0	840296.0	7.2	15.9	38.0	1797	0.006	1258	0.006	899	0.006	635	0.007	591	0.008	720	0.008	1688	0.008	4772	0.008	5942	0.008	5052	0.010	4858	0.009	4713	0.009	4606	0.008	5399	0.005	5562	0.005	5197	0.007	5097	0.007	5154	0.009	5587	0.008	4891	0.008	3741	0.007	3777	0.005	3345	0.006	2806	0.006
47	1	830770.0	840253.0	830764.0	840319.0	6.0	1.0	66.3	540	0.009	378	0.009	270	0.009	202	0.011	197	0.009	240	0.009	563	0.009	1593	0.010	1933	0.011	1624	0.012	1573	0.012	1508	0.011	1491	0.010	1594	0.010	1672	0.010	1652	0.013	1619	0.013	1686	0.015	1817	0.015	1568	0.014	1171	0.012	1115	0.009	1006	0.010	843	0.009
48	1	830763.0	840319.0	830761.0	840388.0	6.0	3.0	69.0	540	0.009	378	0.009	270	0.009	202	0.011	197	0.009	240	0.009	563	0.009	1593	0.010	1933	0.011	1624	0.012	1573	0.012	1508	0.011	1491	0.010	1594	0.010	1672	0.010	1652	0.013	1619	0.013	1686	0.015	1817	0.015	1568	0.014	1171	0.012	1115	0.009	1006	0.010	843	0.009
49	1	830775.0	840388.0	830777.0	840320.0	6.0	7.4	68.0	425	0.009	297	0.008	212	0.008	153	0.010	139	0.011	169	0.011	397	0.012	1122	0.013	1372	0.014	1186	0.015	1137	0.015	1083	0.014	1052	0.013	1246	0.009	1314	0.010	1251	0.012	1203	0.012	1232	0.013	1332	0.013	1147	0.012	875	0.011	871	0.008	791	0.009	663	0.009
50	1	830778.0	840318.0	830783.0	840254.0	6.0	7.4	64.2	425	0.009	297	0.008	212	0.008	153	0.010	139	0.011	169	0.011	397	0.012	1122	0.013	1372	0.014	1186	0.015	1137	0.015	1083	0.014	1052	0.013	1246	0.009	1314	0.010	1251	0.012	1203	0.012	1232	0.013	1332	0.013	1147	0.012	875	0.011	871	0.008	791	0.009	663	0.009
51	1	830754.0	840406.0	830758.0	840454.0	6.0	7.4	48.2	399	0.010	279	0.009	199	0.009	150	0.012	158	0.010	193	0.010	452	0.010	1278	0.011	1564	0.012	1329	0.013	1282	0.013	1230	0.012	1204	0.011	1175	0.010	1234	0.011	1225	0.014	1201	0.014	1253	0.015	1350	0.015	1164	0.015	867	0.013	822	0.010	742	0.010	623	0.010
52	1	830758.0	840455.0	830779.0	840516.0	6.0	7.4	64.5	399	0.010	279	0.009	199	0.009	150	0.012	158	0.010	193	0.010	452	0.010	1278	0.011	1564	0.012	1329	0.013	1282	0.013	1230	0.012	1204	0.011	1175	0.010	1234	0.011	1225	0.014	1201	0.014	1253	0.015	1350	0.015	1164	0.015	867	0.013	822	0.010	742	0.010	623	0.010
53	1	830781.0	840516.0	830825.0	840570.0	0.0	13.4	69.7	399	0.010	279	0.009	199	0.009	150	0.012	158	0.010	193	0.010	452	0.010	1278	0.011	1564	0.012	1329	0.013	1282	0.013	1230	0.012	1204	0.011	1175	0.010	1234	0.011	1225	0.014	1201	0.014	1253	0.015	1350	0.015	1164	0.015	867	0.013	822	0.010	742	0.010	623	0.010
54	1	830830.0	840567.0	830891.0	840622.0	0.0	13.4	82.1	399	0.010	279	0.009	199	0.009	150	0.012	158	0.010	193	0.010	452	0.010	1278	0.011	1564	0.012	1329	0.013	1282	0.013	1230	0.012	1204	0.011	1175	0.010	1234	0.011	1225	0.014	1201	0.014	1253	0.015	1350	0.015	1164	0.015	867	0.013	822	0.010	742	0.010	623	0.010
55	1	830890.0	840623.0	830970.0	840714.0	9.1	13.4	121.2	399	0.010	279	0.009	199	0.009	150	0.012	158	0.010	193	0.010	452	0.010	1278	0.011	1564	0.012	1329	0.013	1282	0.013	1230	0.012	1204	0.011	1175	0.010	1234	0.011	1225	0.014	1201	0.014	1253	0.015	1350	0.015	1164	0.015	867	0.013	822	0.010	742	0.010	623	0.010
56	1	830848.0	840576.0	830792.0	840513.0	0.0	13.4	84.3	225	0.010	158	0.010	113	0.010	83	0.012	81	0.013	98	0.013	231	0.014	652	0.014	795	0.015	696	0.016	665	0.016	629	0.015	605	0.014	650	0.010	697	0.011	678	0.013	651	0.013	680	0.014	730	0.014	623	0.013	471	0.012	455	0.009	419	0.010	351	0.010
57	1	830788.0	840513.0	830770.0	840454.0	6.0	7.4	61.7	225	0.010	158	0.010	113	0.010	83	0.012	81	0.013	98	0.013	231	0.014	652	0.014	795	0.015	696	0.016	665	0.016	629	0.015	605	0.014	650	0.010	697	0.011	678	0.013	651	0.013	680	0.014	730	0.014	623	0.013	471	0.012	455	0.009	419	0.010	351	0.010
58	1	830769.0	840452.0	830765.0	840402.0	6.0	7.4	50.2	225	0.010	158	0.010	113	0.010	83	0.012	81	0.013	98	0.013	231	0.014	652	0.014	795	0.015	696	0.016	665	0.016	629	0.015	605	0.014	650	0.010	697	0.011	678	0.013	651	0.013	680	0.014	730	0.014	623	0.013	471	0.012	455	0.009	419	0.010	351	0.010
59	1	830920.0	840637.0	830898.0	840614.0	9.2	8.0	31.8	528	0.008	370	0.008	264	0.008	192	0.010	171	0.011	208	0.011	488	0.012	1381	0.013	1710	0.014	1475	0.016	1416	0.015	1359	0.014	1314	0.013	1567	0.009	1634	0.010	1570	0.012	1536	0.013	1579	0.014	1705	0.014	1479	0.013	1118	0.012	1096	0.009	983	0.009	824	0.009
60	1	830897.0	840616.0	830851.0	840573.0	0.0	13.4	63.0	528	0.008	370	0.008	264	0.008	192	0.010	171	0.011	208	0.011	488	0.012	1381	0.013	1710	0.014	1475	0.016	1416	0.015	1359	0.014	1314	0.013	1567	0.009	1634	0.010	1570	0.012	1536	0.013	1579	0.014	1705	0.014	1479	0.013	1118	0.012	1096	0.009	983	0.009	824	0.009
61	1	830981.0	840700.0	830922.0	840636.0	9.2	11.0	87.0	528	0.008	370	0.008	264	0.008	192	0.010	171	0.011	208	0.011	488	0.012	1381	0.013	1710	0.014	1475	0.016	1416	0.015	1359	0.014	1314	0.013	1567	0.009	1634	0.010	1570	0.012	1536	0.013	1579	0.014	1705	0.014	1479	0.013	1118	0.012	1096	0.009	983	0.009	824	0.009
62	1	830980.0	840719.0	831089.0	840843.0	7.1	9.5	165.1	197	0.010	138	0.010	99	0.009	75	0.012	91	0.010	110	0.010	259	0.010	732	0.011	902	0.012	772	0.013	742	0.012	713	0.012	694	0.011	582	0.010	611	0.010	616	0.013	613	0.014	653	0.015	697	0.015	602	0.014	443	0.013	407	0.009	367	0.010	308	0.010
63	1	831087.0	840844.0	831112.0	840883.0	0.0	13.4	46.3	197	0.010	138	0.010	99	0.009	75	0.012	91	0.010	110	0.010	259	0.010	732	0.011	902	0.012	772	0.013	742	0.012	713	0.012	694	0.011	582	0.010	611	0.010	616	0.013	613	0.014	653	0.015	697	0.015	602	0.014	443	0.013	407	0.009	367	0.010	308	0.010
64	1	831121.0	840877.0	831094.0	840836.0	0.0	13.4	49.1	336	0.008	235	0.008	168	0.008	122	0.010	115	0.010	140	0.010	328	0.011	928	0.012	1135	0.012	968	0.014	932	0.013	893	0.013	874	0.011	991	0.009	1039	0.010	999	0.012	975	0.012	1007	0.014	1085	0.013	938	0.013	709	0.011	693	0.009	625	0.009	524	0.009
65	1	831092.0	840837.0	830988.0	840712.0	7.1	7.4	162.6	336	0.008	235	0.008	168	0.008	122	0.010	115	0.010	140	0.010	328	0.011	928	0.012	1135	0.012	968	0.014	932	0.013	893	0.013	874	0.011	991	0.009	1039	0.010	999	0.012	975	0.012	1007	0.014	1085	0.013	938	0.013	709	0.011	693	0.009	625	0.009	524	0.009
66	1	831115.0	840887.0	831092.0	840916.0	0.0	13.0	37.0	196	0.010	137	0.010	98	0.009	75	0.012	96	0.010	116	0.010	273	0.010	772	0.011	954	0.012	815	0.013	784	0.013	755	0.012	735	0.011	580	0.010	606	0.010	614	0.013	616	0.014	658	0.015	701	0.015	607	0.015	445	0.013	406	0.009	365	0.010	306	0.010
67	1	831092.0	840916.0	831074.0	840960.0	0.0	13.0	47.5	196	0.010	137	0.010	98	0.009	75	0.012	96	0.010	116	0.010	273	0.010	772	0.011	954	0.012	815	0.013	784	0.013	755	0.012	735	0.011	580	0.010	606	0.010	614	0.013	616	0.014	658	0.015	701	0.015	607	0.015	445	0.013	406	0.009	365	0.010	306	0.010
68	1	831074.0	840960.0	831060.0	841022.0	0.0	13.0	63.6	196	0.010	137	0.010	98	0.009	75	0.012	96	0.010	116	0.010	273	0.010	772	0.011	954	0.012	815	0.013	784	0.013	755	0.012	735	0.011	580	0.010	606	0.010	614	0.013	616	0.014	658	0.015	701	0.015	607	0.015	445	0.013	406	0.009	365	0.010	306	0.010
69	1	831060.0	841022.0	831060.0	841057.0	0.0	13.4	35.0	196	0.010	137	0.010	98	0.009	75	0.012	96	0.010	116	0.010	273	0.010	772	0.011	954	0.012	815	0.013	784	0.013	755	0.012	735	0.011	580	0.010	606	0.010	614	0.013	616	0.014	658	0.015	701	0.015	607	0.015	445	0.013	406	0.009	365	0.010	306	0.010
70	1	831070.0	841017.0	831082.0	840963.0	0.0	13.4	55.3	300	0.008	210	0.007	150	0.007	109	0.009	119	0.009	145	0.009	341	0.009	964	0.010	1188	0.011	1007	0.013	971	0.012	937	0.012	919	0.010	894	0.008	929	0.009	888	0.011	873	0.011	900	0.013	970	0.013	844	0.012	638	0.011	625	0.008	559	0.008	469	0.008
71	1	831082.0	840963.0	831121.0	840897.0	0.0	13.4	76.7	300	0.008	210	0.007	150	0.007	109	0.009	119	0.009	145	0.009	341	0.009	964	0.010	1188	0.011	1007	0.013	971	0.012	937	0.012	919	0.010	894	0.008	929	0.009	888	0.011	873	0.011	900	0.013	970	0.013	844	0.012	638	0.011	625	0.008	559	0.008	469	0.008
72	1	831069.0	841056.0	831070.0	841017.0	0.0	13.4	39.0	300	0.008	210	0.007	150	0.007	109	0.009	119	0.009	145	0.009	341	0.009	964	0.010	1188	0.011	1007	0.013	971	0.012	937	0.012	919	0.010	894	0.008	929	0.009	888	0.011	873	0.011	900	0.013	970	0.013	844	0.012	638	0.011	625	0.008	559	0.008	469	0.008
73	1	831060.0	841057.0	831068.0	841108.0	0.0	13.4	51.6	187	0.009	131	0.009	94	0.009	71	0.012	104	0.009	126	0.009	296	0.009	838	0.010	1029	0.011	869	0.012	840	0.012	809	0.011	794	0.010	554	0.009	580	0.010	579	0.012	578	0.013	615	0.015	656	0.015	568	0.014	419	0.012	388	0.009	349	0.009	292	0.009
74	1	831077.0	841105.0	831069.0	841056.0	0.0	13.4	49.6	300	0.008	210	0.007	150	0.007	109	0.009	119	0.009	145	0.009	341	0.009	964	0.010	1188	0.011	1007	0.013	971	0.012	937	0.012	919	0.010	894	0.008	929	0.009	888	0.011	873	0.011	900	0.013	970	0.013	844	0.012	638	0.011	625	0.008	559	0.008	469	0.008
75	1	831410.0	840606.0	831327.0	840695.0	0.0	11.6	121.7	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
76	1	831327.0	840695.0	831287.0	840751.0	0.0	11.6	68.8	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
77	1	831287.0	840751.0	831266.0	840788.0	0.0	13.4	42.5	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
78	1	831266.0	840788.0	831242.0	840816.0	0.0	13.4	36.9	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
79	1	831242.0	840816.0	831199.0	840848.0	0.0	13.4	53.6	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
80	1	831199.0	840848.0	831115.0	840887.0	0.0	13.4	92.6	155	0.010	108	0.010	77	0.010	57	0.012	51	0.014	62	0.014	146	0.014	414	0.014	506	0.014	451	0.015	428	0.015	403	0.014	385	0.013	442	0.009	479	0.011	464	0.013	434	0.012	447	0.013	484	0.013	409	0.012	312	0.011	309	0.009	288	0.010	242	0.010
81	1	831121.0	840897.0	831204.0	840857.0	0.0	13.4	92.1	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
82	1	831204.0	840857.0	831249.0	840821.0	0.0	13.4	57.6	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
83	1	831249.0	840821.0	831276.0	840788.0	0.0	13.4	42.6	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
84	1	831276.0	840788.0	831305.0	840740.0	0.0	13.4	56.1	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
85	1	831305.0	840740.0	831345.0	840689.0	0.0	13.4	64.8	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
86	1	831345.0	840689.0	831411.0	840620.0	0.0	13.4	95.5	74	0.008	52	0.008	37	0.008	28	0.011	27	0.009	33	0.009	78	0.010	221	0.010	274	0.010	239	0.011	228	0.011	218	0.011	210	0.010	217	0.008	230	0.009	230	0.011	225	0.011	237	0.012	255	0.012	218	0.012	162	0.010	152	0.008	138	0.009	116	0.008
87	1	830109.0	840324.0	830179.0	840331.0	0.0	7.0	70.3	39	0.008	28	0.008	20	0.008	14	0.009	16	0.011	20	0.011	46	0.011	130	0.012	164	0.014	141	0.016	135	0.015	132	0.014	128	0.013	119	0.008	122	0.008	112	0.010	110	0.011	111	0.012	120	0.012	106	0.012	81	0.010	84	0.008	73	0.008	62	0.008
88	1	830179.0	840331.0	830204.0	840342.0	0.0	7.0	27.3	39	0.008	28	0.008	20	0.008	14	0.009	16	0.011	20	0.011	46	0.011	130	0.012	164	0.014	141	0.016	135	0.015	132	0.014	128	0.013	119	0.008	122	0.008	112	0.010	110	0.011	111	0.012	120	0.012	106	0.012	81	0.010	84	0.008	73	0.008	62	0.008
89	1	830091.0	840221.0	830160.0	840164.0	0.0	13.4	89.5	230	0.014	161	0.014	115	0.014	81	0.015	81	0.015	99	0.015	232	0.015	656	0.016	773	0.015	654	0.016	631	0.016	594	0.015	594	0.014	660	0.013	712	0.015	659	0.016	611	0.015	615	0.016	668	0.016	567	0.015	444	0.014	461	0.013	428	0.014	359	0.014
90	1	830160.0	840164.0	830224.0	840106.0	0.0	13.4	86.4	230	0.014	161	0.014	115	0.014	81	0.015	81	0.015	99	0.015	232	0.015	656	0.016	773	0.015	654	0.016	631	0.016	594	0.015	594	0.014	660	0.013	712	0.015	659	0.016	611	0.015	615	0.016	668	0.016	567	0.015	444	0.014	461	0.013	428	0.014	359	0.014
91	1	830224.0	840106.0	830263.0	840080.0	0.0	13.4	46.9	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
92	1	830263.0	840080.0	830330.0	840061.0	0.0	13.4	69.6	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
93	1	830330.0	840061.0	830392.0	840067.0	0.0	13.4	62.3	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
94	1	830392.0	840067.0	830454.0	840081.0	0.0	13.4	63.6	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
95	1	830454.0	840081.0	830511.0	840077.0	0.0	13.4	57.1	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
96	1	830511.0	840077.0	830725.0	839958.0	0.0	13.4	244.9	306	0.013	214	0.013	153	0.013	106	0.014	107	0.014	131	0.014	306	0.014	866	0.015	1030	0.015	863	0.015	835	0.015	794	0.014	795	0.014	890	0.013	948	0.014	869	0.015	813	0.014	811	0.015	884	0.015	757	0.014	593	0.013	623	0.012	570	0.013	478	0.013
97	1	830802.0	840104.0	830829.0	840087.0	0.0	15.0	31.9	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
98	1	830829.0	840087.0	830831.0	840057.0	0.0	15.0	30.1	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
99	1	830831.0	840057.0	830817.0	840034.0	0.0	15.0	26.9	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
100	1	830817.0	840034.0	830797.0	840026.0	0.0	15.0	21.5	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
101	1	830797.0	840026.0	830775.0	840031.0	0.0	15.0	22.6	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
102	1	830775.0	840031.0	830761.0	840048.0	0.0	15.0	22.0	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
103	1	830761.0	840048.0	830761.0	840077.0	0.0	15.0	29.0	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
104	1	830762.0	840076.0	830774.0	840095.0	0.0	15.0	22.5	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
105	1	830774.0	840095.0	830802.0	840104.0	0.0	15.0	29.4	686	0.008	480	0.008	343	0.007	247	0.009	237	0.009	289	0.009	677	0.010	1914	0.011	2348	0.012	1989	0.013	1918	0.012	1846	0.012	1813	0.011	2035	0.008	2122	0.009	2020	0.011	1964	0.011	2003	0.013	2170	0.012	1882	0.012	1432	0.010	1423	0.008	1276	0.008	1071	0.008
106	1	830975.0	840716.0	831019.0	840674.0	0.0	18.2	60.8	297	0.020	208	0.020	149	0.019	109	0.021	98	0.020	120	0.020	280	0.021	793	0.023	917	0.021	790	0.023	762	0.022	703	0.021	693	0.020	830	0.020	920	0.022	891	0.024	808	0.022	823	0.023	899	0.023	745	0.022	576	0.021	581	0.019	553	0.021	464	0.021
107	1	831019.0	840674.0	831052.0	840653.0	0.0	18.2	39.1	297	0.020	208	0.020	149	0.019	109	0.021	98	0.020	120	0.020	280	0.021	793	0.023	917	0.021	790	0.023	762	0.022	703	0.021	693	0.020	830	0.020	920	0.022	891	0.024	808	0.022	823	0.023	899	0.023	745	0.022	576	0.021	581	0.019	553	0.021	464	0.021
108	1	831052.0	840653.0	831090.0	840641.0	0.0	18.2	39.8	297	0.020	208	0.020	149	0.019	109	0.021	98	0.020	120	0.020	280	0.021	793	0.023	917	0.021	790	0.023	762	0.022	703	0.021	693	0.020	830	0.020	920	0.022	891	0.024	808	0.022	823	0.023	899	0.023	745	0.022	576	0.021	581	0.019	553	0.021	464	0.021
109	1	831090.0	840641.0	831122.0	840637.0	0.0	18.2	32.2	297	0.020	208	0.020	149	0.019	109	0.021	98	0.020	120	0.020	280	0.021	793	0.023	917	0.021	790	0.023	762	0.022	703	0.021	693	0.020	830	0.020	920	0.022	891	0.024	808	0.022	823	0.023	899	0.023	745	0.022	576	0.021	581	0.019	553	0.021	464	0.021
110	1	831101.0	840391.0	831128.0	840636.0	0.0	18.4	246.5	169	0.025	118	0.024	85	0.024	63	0.025	60	0.023	73	0.023	172	0.026	485	0.027	532	0.025	463	0.026	446	0.026	396	0.024	396	0.023	443	0.023	523	0.027	514	0.029	443	0.026	464	0.027	502	0.028	399	0.025	311	0.025	310	0.023	315	0.026	264	0.026
111	1	831128.0	840636.0	831144.0	840781.0	0.0	18.4	145.9	141	0.012	99	0.012	71	0.012	50	0.014	41	0.013	50	0.013	118	0.014	334	0.015	419	0.015	357	0.016	345	0.016	335	0.016	322	0.015	426	0.013	437	0.013	413	0.016	399	0.016	393	0.016	434	0.016	379	0.016	291	0.015	298	0.013	263	0.013	220	0.013
112	1	830667.0	839714.0	830698.0	839767.0	0.0	21.6	61.4	431	0.015	302	0.014	216	0.014	151	0.015	131	0.015	159	0.015	373	0.016	1054	0.017	1299	0.017	1098	0.019	1058	0.018	1023	0.018	1006	0.017	1286	0.015	1334	0.015	1235	0.017	1191	0.017	1188	0.018	1296	0.018	1129	0.017	873	0.016	900	0.014	802	0.015	673	0.015
113	1	830698.0	839767.0	830721.0	839918.0	0.0	21.6	152.7	431	0.015	302	0.014	216	0.014	151	0.015	131	0.015	159	0.015	373	0.016	1054	0.017	1299	0.017	1098	0.019	1058	0.018	1023	0.018	1006	0.017	1286	0.015	1334	0.015	1235	0.017	1191	0.017	1188	0.018	1296	0.018	1129	0.017	873	0.016	900	0.014	802	0.015	673	0.015
114	1	830721.0	839918.0	830733.0	839954.0	0.0	21.6	37.9	431	0.015	302	0.014	216	0.014	151	0.015	131	0.015	159	0.015	373	0.016	1054	0.017	1299	0.017	1098	0.019	1058	0.018	1023	0.018	1006	0.017	1286	0.015	1334	0.015	1235	0.017	1191	0.017	1188	0.018	1296	0.018	1129	0.017	873	0.016	900	0.014	802	0.015	673	0.015
115	1	830733.0	839954.0	830772.0	840027.0	0.0	21.6	82.8	666	0.016	466	0.016	333	0.015	233	0.016	209	0.016	255	0.017	598	0.018	1691	0.019	2052	0.019	1739	0.020	1676	0.019	1604	0.019	1584	0.018	1960	0.016	2060	0.016	1907	0.018	1815	0.018	1816	0.019	1979	0.019	1709	0.018	1326	0.017	1371	0.015	1239	0.016	1039	0.016
116	1	830512.0	840563.0	830682.0	840421.0	0.0	19.4	221.5	196	0.013	137	0.013	98	0.012	71	0.014	68	0.013	82	0.013	193	0.015	547	0.015	689	0.016	588	0.017	565	0.017	551	0.017	534	0.015	594	0.014	607	0.014	582	0.016	580	0.017	593	0.018	642	0.017	563	0.017	424	0.016	415	0.014	365	0.014	306	0.014
117	1	830682.0	840421.0	830773.0	840394.0	0.0	19.4	94.9	196	0.013	137	0.013	98	0.012	71	0.014	68	0.013	82	0.013	193	0.015	547	0.015	689	0.016	588	0.017	565	0.017	551	0.017	534	0.015	594	0.014	607	0.014	582	0.016	580	0.017	593	0.018	642	0.017	563	0.017	424	0.016	415	0.014	365	0.014	306	0.014
118	1	830468.0	840697.0	830420.0	840642.0	0.0	15.8	73.0	98	0.014	69	0.014	49	0.014	36	0.016	34	0.015	41	0.015	97	0.015	273	0.016	345	0.017	294	0.018	283	0.018	276	0.018	267	0.016	297	0.015	303	0.015	291	0.017	290	0.018	296	0.019	321	0.019	282	0.018	212	0.017	208	0.015	182	0.015	153	0.014
119	1	830420.0	840642.0	830512.0	840563.0	0.0	15.8	121.3	98	0.014	69	0.014	49	0.014	36	0.016	34	0.015	41	0.015	97	0.015	273	0.016	345	0.017	294	0.018	283	0.018	276	0.018	267	0.016	297	0.015	303	0.015	291	0.017	290	0.018	296	0.019	321	0.019	282	0.018	212	0.017	208	0.015	182	0.015	153	0.014
120	1	830566.0	840621.0	830512.0	840563.0	0.0	16.4	79.2	98	0.014	69	0.014	49	0.014	36	0.016	34	0.015	41	0.015	97	0.015	273	0.016	345	0.017	294	0.018	283	0.018	276	0.018	267	0.016	297	0.015	303	0.015	291	0.017	290	0.018	296	0.019	321	0.019	282	0.018	212	0.017	208	0.015	182	0.015	153	0.014
121	1	830731.0	840558.0	830708.0	840533.0	0.0	16.0	34.0	49	0.014	34	0.014	25	0.014	18	0.016	17	0.015	21	0.015	48	0.015	137	0.015	172	0.016	147	0.018	141	0.017	138	0.017	133	0.016	148	0.014	152	0.014	146	0.017	145	0.017	148	0.018	160	0.018	141	0.018	106	0.017	104	0.014	91	0.014	77	0.014
122	1	830708.0	840533.0	830684.0	840523.0	0.0	16.0	26.0	49	0.014	34	0.014	25	0.014	18	0.016	17	0.015	21	0.015	48	0.015	137	0.015	172	0.016	147	0.018	141	0.017	138	0.017	133	0.016	148	0.014	152	0.014	146	0.017	145	0.017	148	0.018	160	0.018	141	0.018	106	0.017	104	0.014	91	0.014	77	0.014
123	1	830684.0	840523.0	830566.0	840621.0	0.0	16.0	153.4	49	0.014	34	0.014	25	0.014	18	0.016	17	0.015	21	0.015	48	0.015	137	0.015	172	0.016	147	0.018	141	0.017	138	0.017	133	0.016	148	0.014	152	0.014	146	0.017	145	0.017	148	0.018	160	0.018	141	0.018	106	0.017	104	0.014	91	0.014	77	0.014

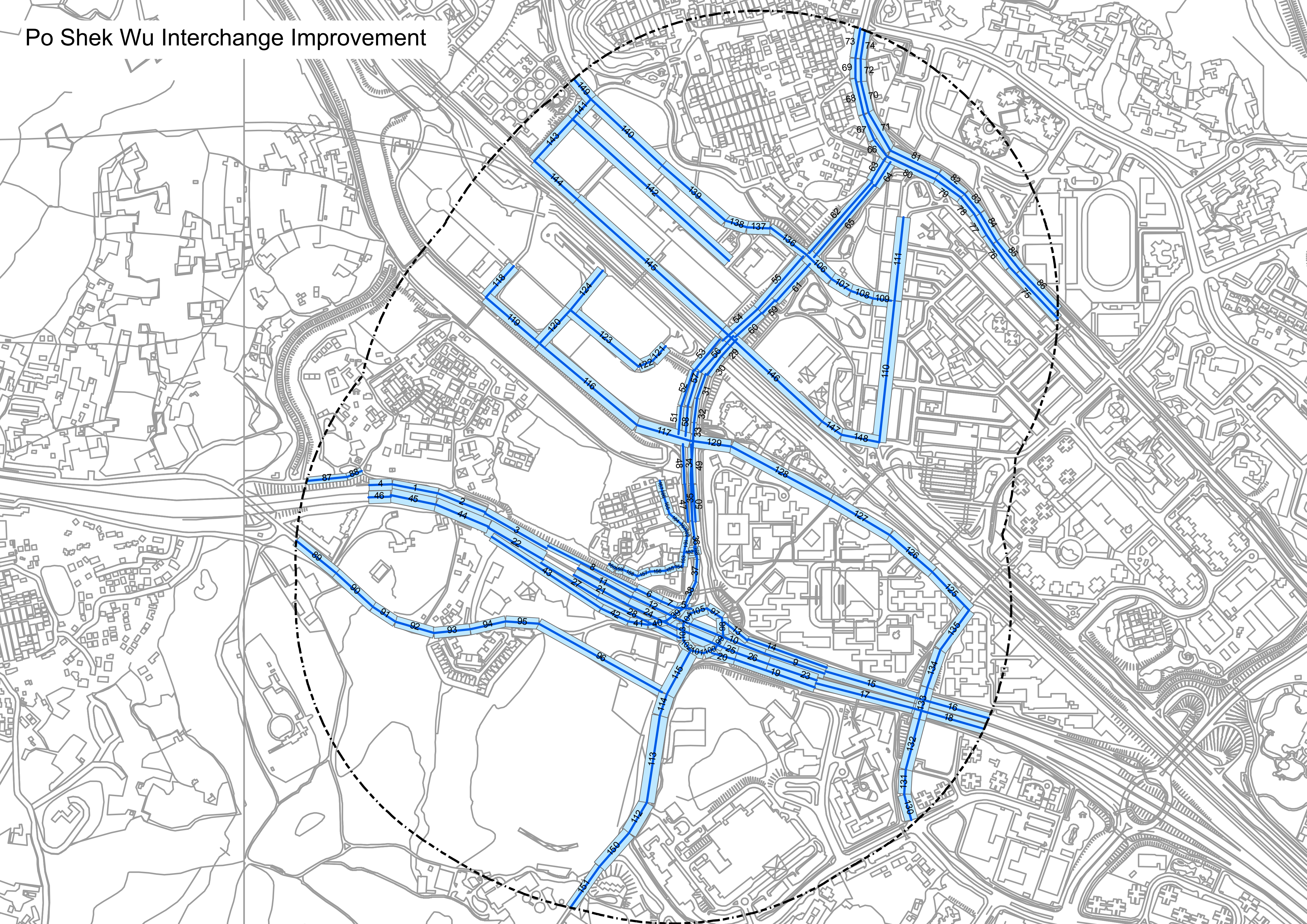
Po Shek Wu Interchange Improvement
Summary of Composite Vehicular Emission Factors for CALINE4 Model (Year 2044 - For Sensitivity Test)

Open Road 24 hour FSP Emission Factor (g/mile-veh) and Traffic Profile

No. of CALINE 4 Model Links	Link Type [1]	X-Start	Y-Start	X-End	Y-End	Height	Width	Length	Hour 01		Hour 02		Hour 03		Hour 04		Hour 05		Hour 06		Hour 07		Hour 08		Hour 09		Hour 10		Hour 11		Hour 12		Hour 13		Hour 14		Hour 15		Hour 16		Hour 17		Hour 18		Hour 19		Hour 20		Hour 21		Hour 22		Hour 23		Hour 24	
									Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF	Flow	EmF
124	1	830566.0	840621.0	830622.0	840689.0	0.0	16.4	88.1	49	0.014	34	0.014	25	0.014	18	0.016	17	0.015	21	0.015	48	0.015	137	0.015	172	0.016	147	0.018	141	0.017	138	0.017	133	0.016	148	0.014	152	0.014	146	0.017	145	0.017	148	0.018	160	0.018	141	0.018	106	0.017	104	0.014	91	0.014	77	0.014
125	1	831257.0	840100.0	831193.0	840167.0	0.0	16.6	92.7	487	0.013	341	0.013	244	0.013	172	0.014	168	0.013	204	0.013	479	0.013	1353	0.014	1624	0.015	1319	0.015	1296	0.015	1249	0.014	1257	0.013	1454	0.014	1508	0.014	1407	0.016	1350	0.016	1337	0.017	1468	0.017	1275	0.016	986	0.015	1017	0.014	907	0.014	761	0.014
126	1	831193.0	840167.0	831120.0	840231.0	0.0	16.6	97.1	487	0.013	341	0.013	244	0.013	172	0.014	168	0.013	204	0.013	479	0.013	1353	0.014	1624	0.015	1319	0.015	1296	0.015	1249	0.014	1257	0.013	1454	0.014	1508	0.014	1407	0.016	1350	0.016	1337	0.017	1468	0.017	1275	0.016	986	0.015	1017	0.014	907	0.014	761	0.014
127	1	831120.0	840231.0	831017.0	840292.0	0.0	16.6	119.7	487	0.013	341	0.013	244	0.013	172	0.014	168	0.013	204	0.013	479	0.013	1353	0.014	1624	0.015	1319	0.015	1296	0.015	1249	0.014	1257	0.013	1454	0.014	1508	0.014	1407	0.016	1350	0.016	1337	0.017	1468	0.017	1275	0.016	986	0.015	1017	0.014	907	0.014	761	0.014
128	1	831017.0	840292.0	830844.0	840384.0	0.0	16.6	195.9	487	0.013	341	0.013	244	0.013	172	0.014	168	0.013	204	0.013	479	0.013	1353	0.014	1624	0.015	1319	0.015	1296	0.015	1249	0.014	1257	0.013	1454	0.014	1508	0.014	1407	0.016	1350	0.016	1337	0.017	1468	0.017	1275	0.016	986	0.015	1017	0.014	907	0.014	761	0.014
129	1	830844.0	840384.0	830774.0	840394.0	0.0	16.6	70.7	487	0.013	341	0.013	244	0.013	172	0.014	168	0.013	204	0.013	479	0.013	1353	0.014	1624	0.015	1319	0.015	1296	0.015	1249	0.014	1257	0.013	1454	0.014	1508	0.014	1407	0.016	1350	0.016	1337	0.017	1468	0.017	1275	0.016	986	0.015	1017	0.014	907	0.014	761	0.014
130	1	831157.0	839737.0	831145.0	839780.0	0.0	16.8	44.6	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
131	1	831145.0	839782.0	831147.0	839824.0	0.0	16.8	42.0	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
132	1	831147.0	839824.0	831170.0	839911.0	0.0	16.8	90.0	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
133	1	831170.0	839911.0	831184.0	839966.0	0.0	16.8	56.8	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
134	1	831184.0	839966.0	831207.0	840032.0	0.0	16.8	69.9	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
135	1	831207.0	840032.0	831257.0	840100.0	0.0	16.8	84.4	241	0.013	169	0.013	121	0.012	86	0.014	104	0.012	126	0.013	296	0.013	836	0.014	982	0.014	804	0.014	788	0.014	747	0.013	755	0.013	703	0.013	746	0.014	708	0.015	669	0.015	675	0.016	736	0.016	630	0.015	485	0.014	492	0.013	449	0.013	376	0.013
136	1	830975.0	840716.0	830912.0	840764.0	3.0	10.4	79.2	180	0.014	126	0.013	90	0.013	66	0.015	57	0.015	70	0.015	163	0.016	461	0.017	598	0.018	529	0.020	501	0.019	489	0.019	461	0.017	545	0.014	557	0.014	543	0.017	548	0.018	569	0.019	612	0.019	538	0.019	400	0.017	381	0.014	335	0.014	281	0.014
137	1	830912.0	840762.0	830872.0	840764.0	0.0	16.4	40.0	180	0.014	126	0.013	90	0.013	66	0.015	57	0.015	70	0.015	163	0.016	461	0.017	598	0.018	529	0.020	501	0.019	489	0.019	461	0.017	545	0.014	557	0.014	543	0.017	548	0.018	569	0.019	612	0.019	538	0.019	400	0.017	381	0.014	335	0.014	281	0.014
138	1	830872.0	840764.0	830835.0	840775.0	0.0	16.4	38.6	180	0.014	126	0.013	90	0.013	66	0.015	57	0.015	70	0.015	163	0.016	461	0.017	598	0.018	529	0.020	501	0.019	489	0.019	461	0.017	545	0.014	557	0.014	543	0.017	548	0.018	569	0.019	612	0.019	538	0.019	400	0.017	381	0.014	335	0.014	281	0.014
139	1	830835.0	840775.0	830725.0	840871.0	0.0	16.4	146.0	180	0.014	126	0.013	90	0.013	66	0.015	57	0.015	70	0.015	163	0.016	461	0.017	598	0.018	529	0.020	501	0.019	489	0.019	461	0.017	545	0.014	557	0.014	543	0.017	548	0.018	569	0.019	612	0.019	538	0.019	400	0.017	381	0.014	335	0.014	281	0.014
140	1	830725.0	840871.0	830602.0	840986.0	0.0	16.4	168.4	180	0.014	126	0.013	90	0.013	66	0.015	57	0.015	70	0.015	163	0.016	461	0.017	598	0.018	529	0.020	501	0.019	489	0.019	461	0.017	545	0.014	557	0.014	543	0.017	548	0.018	569	0.019	612	0.019	538	0.019	400	0.017	381	0.014	335	0.014	281	0.014
141	1	830602.0	840986.0	830570.0	840951.0	0.0	16.4	47.4	56	0.013	39	0.013	28	0.013	20	0.015	19	0.014	23	0.014	54	0.014	153	0.015	197	0.016	172	0.018	164	0.018	160	0.017	152	0.016	170	0.013	173	0.013	166	0.016	164	0.016	166	0.018	181	0.018	158	0.017	120	0.016	119	0.013	104	0.013	87	0.013
142	1	830570.0	840951.0	830841.0	840706.0	0.0	16.2	365.3	28	0.013	20	0.012	14	0.012	10	0.015	10	0.014	12	0.014	27	0.014	77	0.014	98	0.016	86	0.017	82	0.017	80	0.017	76	0.015	85	0.013	87	0.013	83	0.015	82	0.016	83	0.017	90	0.017	79	0.017	60	0.015	59	0.013	52	0.013	44	0.013
143	1	830570.0	840951.0	830503.0	840879.0	0.0	16.2	98.4	56	0.013	39	0.013	28	0.013	20	0.015	19	0.014	23	0.014	54	0.014	153	0.015	197	0.016	172	0.018	164	0.018	160	0.017	152	0.016	170	0.013	173	0.013	166	0.016	164	0.016	166	0.018	181	0.018	158	0.017	120	0.016	119	0.013	104	0.013	87	0.013
144	1	830503.0	840879.0	830577.0	840812.0	0.0	14.0	99.8	76	0.011	53	0.011	38	0.011	28	0.013	28	0.012	34	0.012	80	0.013	227	0.014	290	0.015	251	0.016	240	0.016	234	0.016	224	0.014	231	0.012	236	0.012	225	0.015	223	0.015	227	0.016	246	0.016	216	0.016	163	0.014	162	0.012	142	0.012	119	0.011
145	1	830577.0	840812.0	830829.0	840586.0	0.0	16.4	338.5	63	0.011	44	0.011	31	0.010	23	0.012	33	0.011	40	0.011	93	0.012	263	0.012	330	0.013	280	0.014	270	0.014	263	0.014	256	0.013	190	0.012	195	0.012	185	0.013	184	0.014	188	0.015	203	0.015	179	0.015	135	0.013	133	0.011	117	0.011	98	0.011
146	1	830829.0	840586.0	831002.0	840427.0	0.0	16.4	235.0	63	0.011	44	0.011	31	0.010	23	0.012	33	0.011	40	0.011	93	0.012	263	0.012	330	0.013	280	0.014	270	0.014	263	0.014	256	0.013	190	0.012	195	0.012	185	0.013	184	0.014	188	0.015	203	0.015	179	0.015	135	0.013	133	0.011	117	0.011	98	0.011
147	1	831002.0	840427.0	831036.0	840404.0	0.0	16.4	41.0	63	0.011	44	0.011	31	0.010	23	0.012	33	0.011	40	0.011	93	0.012	263	0.012	330	0.013	280	0.014	270	0.014	263	0.014	256	0.013	190	0.012	195	0.012	185	0.013	184	0.014	188	0.015	203	0.015	179	0.015	135	0.013	133	0.011	117	0.011	98	0.011
148	1	831036.0	840404.0	831101.0	840391.0	0.0	16.4	66.3	63	0.011	44	0.011	31	0.010	23	0.012	33	0.011	40	0.011	93	0.012	263	0.012	330	0.013	280	0.014	270	0.014	263	0.014	256	0.013	190	0.012	195	0.012	185	0.013	184	0.014	188	0.015	203	0.015	179	0.015	135	0.013	133	0.011	117	0.011	98	0.011
149	1	830602.0	840986.0	830572.0	841021.0	0.0	16.6	46.1	69	0.012	48	0.012	34	0.012	25	0.014	43	0.012	52	0.012	122	0.012	344	0.013	426	0.014	354	0.015	344	0.015	335	0.015	331	0.013	209	0.013	214	0.013	205	0.016	206	0.016	212	0.018	228	0.017	201	0.017	151	0.015	146	0.013	128	0.013	108	0.012
150	1	830667.0	839714.0	830616.0	839656.0	0.0	17.6	77.2	431	0.015	302	0.014	216	0.014	151	0.015	131	0.015	159	0.015	373	0.016	1054	0.017	1299	0.017	1098	0.019	1058	0.018	1023	0.018	1006	0.017	1286	0.015	1334	0.015	1235	0.017	1191	0.017	1188	0.018	1296	0.018	1129	0.017	873	0.016	900	0.014	802	0.015	673	0.015
151	1	830616.0	839656.0	830566.0	839585.0	0.0	11.8	86.8	431	0.015	302	0.014	216	0.014	151	0.015	131	0.015	159	0.015	373	0.016	1054	0.017	1299	0.017	1098	0.019	1058	0.018	1023	0.018	1006	0.017	1286	0.015	1334	0.015	1235	0.017	1191	0.017	1188	0.018	1296	0.018	1129	0.017	873	0.016	900	0.014	802	0.015	673	0.015
152	1	830781.0	840202.0	830763.0	840200.0	0.0	15.0	18.1	12	0.006	9	0.006	6	0.006	4	0.006	6	0.006	7	0.006	17	0.006	47	0.006	57	0.006	46	0.007	45	0.006	44	0.006	45	0.006	38	0.006	38	0.006	34	0.006	32	0.006	31	0.007	34	0.006	30	0.006	24	0.006	26	0.006	23	0.006	19	0.006
153	1	830763.0	840200.0	830761.0	840176.0	0.0	10.0	24.1	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
154	1	830761.0	840176.0	830747.0	840176.0	0.0	10.0	14.0	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
155	1	830748.0	840176.0	830730.0	840169.0	0.0	9.4	19.3	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
156	1	830730.0	840169.0	830704.0	840167.0	0.0	9.4	26.1	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
157	1	830704.0	840167.0	830681.0	840159.0	0.0	10.0	24.4	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
158	1	830681.0	840159.0	830657.0	840170.0	0.0	10.5	26.4	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
159	1	830657.0	840170.0	830644.0	840172.0	0.0	10.5	13.2	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
160	1	830644.0	840172.0	830633.0	840180.0	0.0	10.5	13.6	5	0.012	3	0.012	2	0.012	2	0.012	2	0.012	3	0.012	7	0.012	19	0.012	23	0.012	18	0.012	18	0.012	18	0.012	18	0.012	15	0.013	15	0.013	13	0.013	13	0.013	13	0.013	14	0.013	12	0.013	10	0.012	11	0.012	9	0.012	8	0.012
161	1	830763.0	840200.0	830769.0	840230.0	0.0	8.5	30.6	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
162	1	830769.0	840230.0	830766.0	840239.0	0.0	8.5	9.5	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
163	1	830766.0	840239.0	830758.0	840250.0	0.0	8.5	13.6	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
164	1	830758.0	840250.0	830738.0	840267.0	0.0	9.0	26.2	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
165	1	830738.0	840267.0	830729.0	840295.0	0.0	10.0	29.4	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
166	1	830729.0	840295.0	830725.0	840306.0	0.0	9.0	11.7	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
167	1	830725.0	840306.0	830721.0	840324.0	0.0	10.0	18.4	7	0.012	5	0.012	4	0.012	2	0.012	4	0.012	4	0.012	10	0.012	28	0.012	34	0.012	28	0.012	27	0.012	26	0.012	27	0.012	23	0.013	23	0.013	20	0.013	19	0.013	19	0.013	21	0.013	18	0.013	14	0.013	16	0.013	14	0.013	12	0.012
168	1	830782.6	840196.0	830780.5	840209.8	6.0	13.9	14.0	540	0.014	378	0.013	270	0.013	202	0.015	197	0.013	240	0.013	563	0.013	1593	0.014	1933	0.015	1624	0.015	1573	0.015	1508	0.015	1491	0.014	1594	0.014	1672	0.015	1652	0.017	1619	0.017	1686	0.018	1817	0.018	1568	0.017	1171	0.016	1115	0.014	1006	0.014	843	0.014

[1] Link Type No. 1- At grade, 2- Depressed, 3- Fill, 4- Bridge

Po Shek Wu Interchange Improvement



Appendix 3.4
Determination of Surface Characteristics Parameters for AERMET

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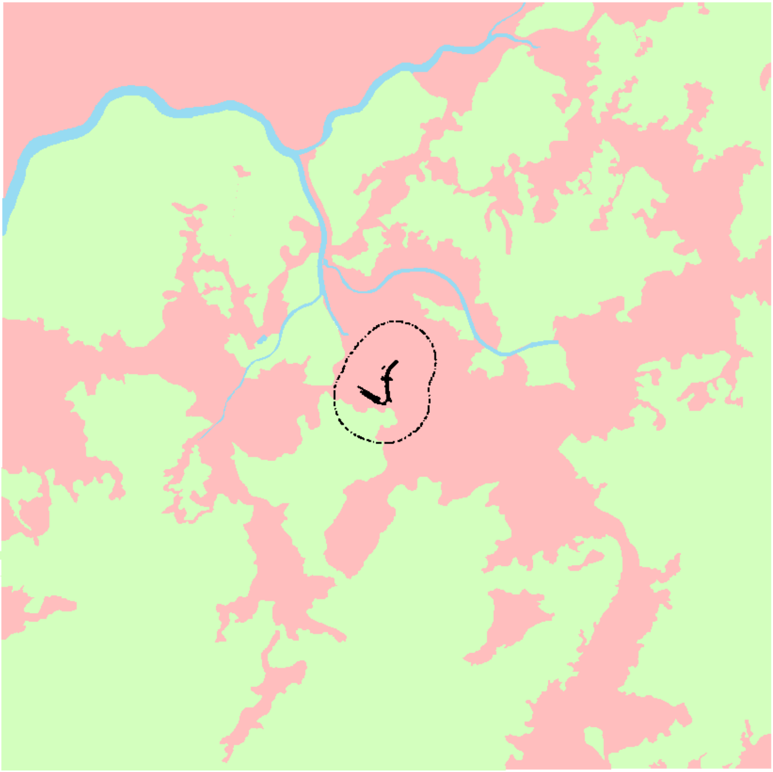
Appendix 3.4 Determination of Surface Characteristics Parameters

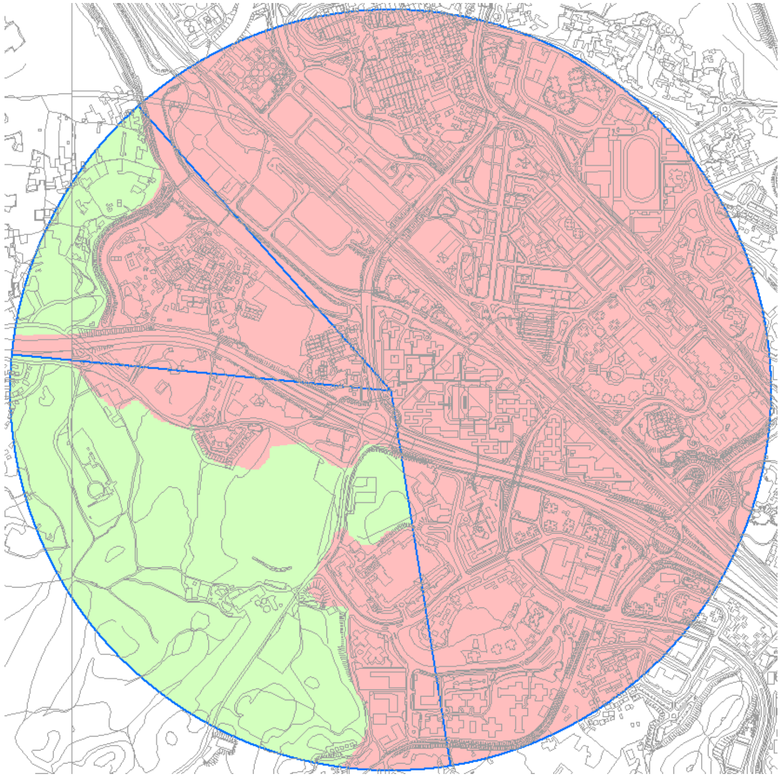
10km by 10km Region Centered at the Project Site



Legend

— Project Site

1km Boundary from Grid 3553



Legend

— Project Site

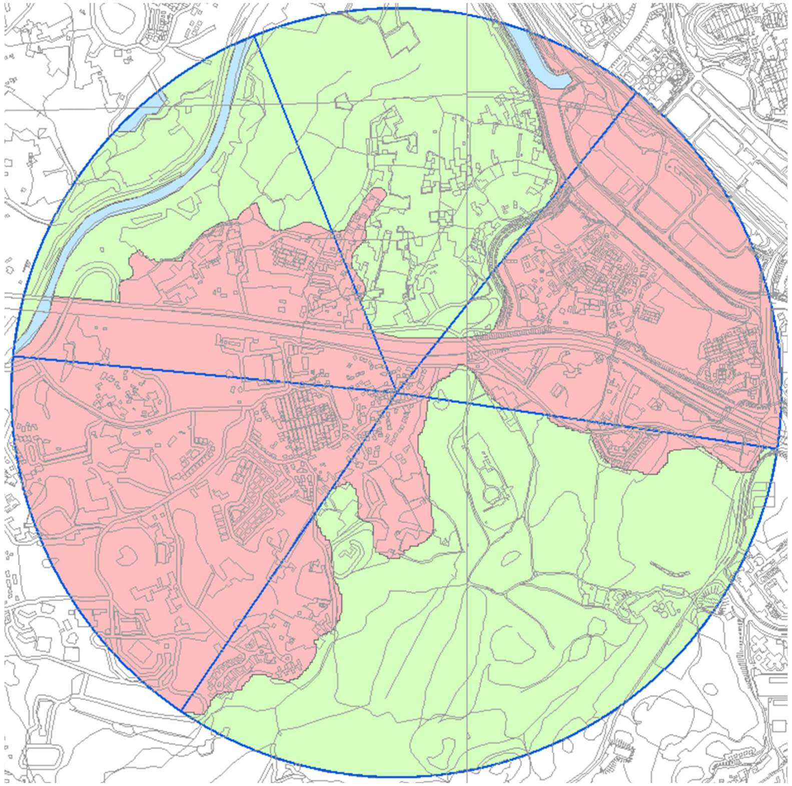
— 1km boundary from Grid 3553

Note:

Red area is classified as urban area. Blue area is classified as water area. Green area is classified as grassland area.

Appendix 3.4 Determination of Surface Characteristics Parameters

1km Boundary from Grid 3453

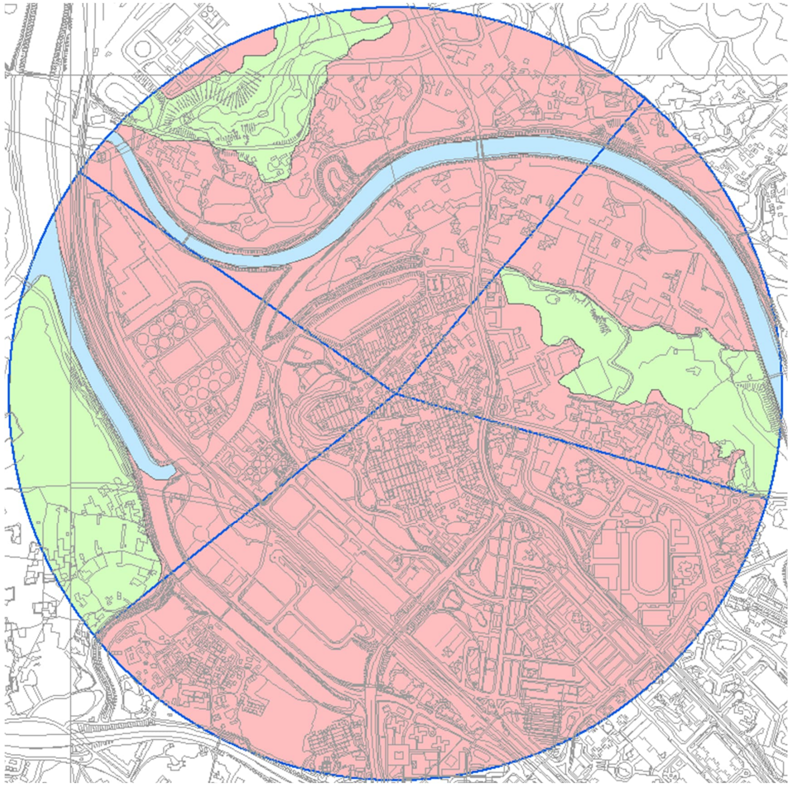


Legend

— Project Site

— 1km boundary from Grid 3554

1km Boundary from Grid 3554



Legend

— Project Site

— 1km boundary from Grid 3554

Note:

Red area is classified as urban area. Blue area is classified as water area. Green area is classified as grassland area.

Appendix 3.4 Determination of Surface Characteristics Parameters

Summary of Surface Characteristics for the Study Area

Grid 3553

Sector (degrees in clockwise)	Land Use	Area (m^2)	Distance (m)	Weighting (Fraction/Distance)	Albedo [1,4,5]	Bowen Ratio [2,4,5]	Surface Roughness (m) [3,5]	Remark
320-170	Urban	1856396.26	345	0.002899	0.18	0.98	1.00000	Urban development from northwest to south
170-275	Grassland	629264.06	660	0.001047			0.16351	Urban development and grassland from south to west
	Urban	143166.16	680	0.000231				
	Urban	138440.50	365	0.000416				
275-320	Urban	268795.94	555	0.001294			0.56362	Urban development and grassland from west to northwest
	Grassland	105410.10	895	0.000315				

Grid 3453

Sector (degrees in clockwise)	Land Use	Area (m^2)	Distance (m)	Weighting (Fraction/Distance)	Albedo [1,4,5]	Bowen Ratio [2,4,5]	Surface Roughness (m) [3,5]	Remark
40-100	Urban	497488.09	655	0.001454	0.18	0.98	0.69497	Urban development and grassland from northeast to east
	Grassland	14042.46	305	0.000088				
	Grassland	10782.41	175	0.000118				
100-215	Grassland	828100.57	610	0.001345			0.11232	Urban development and grassland from east to southwest
	Urban	65372.86	225	0.000288				
	Urban	34434.33	690	0.000049				
	Urban	81758.30	670	0.000121				
215-275	Urban	536560.61	635	0.001575			1.00000	Urban development from southwest to west
275-340	Urban	270712.47	480	0.001031			0.24889	Urban development, grassland and water from west to northwest
	Grassland	147430.72	715	0.000377				
	Grassland	95505.09	905	0.000193				
	Water	28697.01	845	0.000062				
	Water	4835.95	980	0.000009				
340-40	Grassland	437890.03	635	0.001313			0.09970	Urban development, grassland and water from northwest to northeast
	Urban	11460.81	425	0.000051				
	Urban	12937.19	100	0.000246				
	Urban	53427.36	880	0.000116				
	Water	9398.19	940	0.000019				

Grid 3554

Sector (degrees in clockwise)	Land Use	Area (m^2)	Distance (m)	Weighting (Fraction/Distance)	Albedo [1,4,5]	Bowen Ratio [2,4,5]	Surface Roughness (m) [3,5]	Remark
40-105	Urban	168019.21	405	0.000723	0.18	0.98	0.33259	Urban development, grassland and water from northeast to east
	Urban	162882.66	710	0.000400				
	Urban	49436.24	935	0.000092				
	Grassland	152837.69	700	0.000381				
	Water	40366.85	890	0.000079				
105-230	Urban	1094281.02	540	0.001852			1.00000	Urban development from east to southwest
230-305	Urban	409510.13	510	0.001246			0.35976	Urban development, grassland and water from southwest to northwest
	Grassland	197354.31	855	0.000358				
	Water	37384.82	805	0.000072				

Appendix 3.4 Determination of Surface Characteristics Parameters

Sector (degrees in clockwise)	Land Use	Area (m^2)	Distance (m)	Weighting (Fraction/Distance)	Albedo [1,4,5]	Bowen Ratio [2,4,5]	Surface Roughness (m) [3,5]	Remark
305-40	Urban	256966.28	350	0.000886	0.18	0.98	0.37045	Urban development, grassland and water from northwest to northeast
	Urban	354335.01	700	0.000611				
	Urban	15363.45	910	0.000020				
	Urban	17126.54	970	0.000021				
	Grassland	119909.68	850	0.000170				
	Water	65230.16	540	0.000146				

Notes:

1. Reference to AERMOD Implementation Guide, the determination of the albedo should be based on a simple unweighted arithmetic mean (i.e., no direction or distance dependency) for the same representative domain as defined for Bowen ratio, with a default domain defined by a 10km by 10km region centered at the measurement site.
2. Reference to AERMOD Implementation Guide, the determination of the Bowen ratio should be based on a simple unweighted geometric mean (i.e., no direction or distance dependency) for a representative domain, with a default domain defined by a 10km by 10km region centered on the measurement site.
3. Surface roughness length is based on an upwind distance of 1km relative to the grid.
4. Land use within 10km by 10km region centered at the measurement site included 39.16% urban (39,160,863m^2), 1.43% water (1,426,856m^2) and 59.41% grassland (59,412,281m^2).
5. For the parameters including albedo, Bowen Ratio and surface roughness, the default value for "Winter" is excluded from calculating the representative values.

Appendix 3.5
Detailed Calculations of Portal Emissions

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Description	Length (m)	Source Name	Source ID	No. of Sources	Hour		Total Emission Factor				Total Emission Rate				Daily Emission Rate / Diurnal Porfile (from 1st 50m for Each Portal Source)				Daily Emission Rate / Diurnal Porfile (from 2nd 50m for Each Portal Source)				Remarks
						Q	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	
						(veh/hr)	(g/mile-veh)	(g/mile-veh)	(g/mile-veh)	(g/mile-veh)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	
Full Enclosure A1	162		11		1	1348	0.3592	0.0632	0.0162	0.0148	1.354E-02	2.384E-03	6.101E-04	5.590E-04	-	-	-	-	-	-	-	-	
					2	943	0.3592	0.0632	0.0162	0.0148	9.477E-03	1.669E-03	4.271E-04	3.913E-04	-	-	-	-	-	-	-	-	
					3	674	0.3592	0.0632	0.0162	0.0148	6.770E-03	1.192E-03	3.051E-04	2.795E-04	-	-	-	-	-	-	-	-	
					4	490	0.4615	0.0953	0.0217	0.0199	6.325E-03	1.307E-03	2.977E-04	2.731E-04	-	-	-	-	-	-	-	-	
					5	498	0.4940	0.0984	0.0202	0.0185	6.879E-03	1.370E-03	2.808E-04	2.576E-04	-	-	-	-	-	-	-	-	
					6	606	0.4940	0.0984	0.0202	0.0185	8.375E-03	1.668E-03	3.418E-04	3.136E-04	-	-	-	-	-	-	-	-	
					7	1422	0.4940	0.0984	0.0202	0.0185	1.964E-02	3.911E-03	8.016E-04	7.356E-04	-	-	-	-	-	-	-	-	
					8	4020	0.4902	0.0983	0.0196	0.0181	5.511E-02	1.106E-02	2.205E-03	2.030E-03	-	-	-	-	-	-	-	-	
					9	5016	0.5244	0.1163	0.0203	0.0187	7.355E-02	1.631E-02	2.853E-03	2.628E-03	-	-	-	-	-	-	-	-	
					10	4282	0.5847	0.1390	0.0237	0.0218	7.001E-02	1.665E-02	2.842E-03	2.614E-03	-	-	-	-	-	-	-	-	
					11	4113	0.5610	0.1307	0.0227	0.0209	6.452E-02	1.503E-02	2.615E-03	2.406E-03	-	-	-	-	-	-	-	-	
					12	3987	0.5441	0.1300	0.0219	0.0201	6.065E-02	1.449E-02	2.438E-03	2.236E-03	-	-	-	-	-	-	-	-	
					13	3883	0.4943	0.1104	0.0195	0.0179	5.367E-02	1.199E-02	2.116E-03	1.948E-03	-	-	-	-	-	-	-	-	
					14	4037	0.3339	0.0628	0.0144	0.0133	3.769E-02	7.087E-03	1.627E-03	1.500E-03	-	-	-	-	-	-	-	-	
					15	4171	0.3571	0.0631	0.0157	0.0145	4.164E-02	7.364E-03	1.832E-03	1.688E-03	-	-	-	-	-	-	-	-	
					16	4009	0.4596	0.0954	0.0212	0.0195	5.153E-02	1.069E-02	2.376E-03	2.187E-03	-	-	-	-	-	-	-	-	
					17	3938	0.4789	0.1091	0.0220	0.0202	5.274E-02	1.201E-02	2.422E-03	2.230E-03	-	-	-	-	-	-	-	-	
					18	4015	0.5488	0.1306	0.0254	0.0233	6.162E-02	1.466E-02	2.847E-03	2.619E-03	-	-	-	-	-	-	-	-	
					19	4357	0.5300	0.1242	0.0244	0.0224	6.457E-02	1.513E-02	2.968E-03	2.731E-03	-	-	-	-	-	-	-	-	
					20	3796	0.5094	0.1226	0.0235	0.0216	5.407E-02	1.301E-02	2.491E-03	2.293E-03	-	-	-	-	-	-	-	-	
					21	2869	0.4593	0.1040	0.0214	0.0196	3.685E-02	8.345E-03	1.714E-03	1.572E-03	-	-	-	-	-	-	-	-	
					22	2824	0.3360	0.0629	0.0149	0.0136	2.653E-02	4.966E-03	1.175E-03	1.076E-03	-	-	-	-	-	-	-	-	
					23	2508	0.3592	0.0632	0.0162	0.0148	2.520E-02	4.436E-03	1.136E-03	1.040E-03	-	-	-	-	-	-	-	-	
					24	2104	0.3592	0.0632	0.0162	0.0148	2.114E-02	3.721E-03	9.525E-04	8.726E-04	-	-	-	-	-	-	-	-	
					Daily	69911	-	-	-	-	9.221E-01	2.004E-01	3.967E-02	3.648E-02	-	-	-	-	-	-	-	-	
Full Enclosure A2	162		22		1	1587	0.2859	0.0518	0.0134	0.0123	1.269E-02	2.298E-03	5.963E-04	5.456E-04	-	-	-	-	-	-	-	-	
					2	1111	0.2859	0.0518	0.0134	0.0123	8.880E-03	1.609E-03	4.174E-04	3.819E-04	-	-	-	-	-	-	-	-	
					3	793	0.2859	0.0518	0.0134	0.0123	6.343E-03	1.149E-03	2.981E-04	2.728E-04	-	-	-	-	-	-	-	-	
					4	563	0.3751	0.0794	0.0180	0.0165	5.905E-03	1.249E-03	2.832E-04	2.596E-04	-	-	-	-	-	-	-	-	
					5	521	0.4687	0.0993	0.0214	0.0196	6.832E-03	1.448E-03	3.118E-04	2.861E-04	-	-	-	-	-	-	-	-	
					6	635	0.4687	0.0993	0.0214	0.0196	8.317E-03	1.762E-03	3.796E-04	3.483E-04	-	-	-	-	-	-	-	-	
					7	1488	0.4687	0.0993	0.0214	0.0196	1.951E-02	4.133E-03	8.903E-04	8.168E-04	-	-	-	-	-	-	-	-	
					8	4209	0.4671	0.0994	0.0207	0.0191	5.497E-02	1.169E-02	2.440E-03	2.245E-03	-	-	-	-	-	-	-	-	
					9	5249	0.5481	0.1291	0.0230	0.0212	8.045E-02	1.895E-02	3.382E-03	3.117E-03	-	-	-	-	-	-	-	-	
					10	4476	0.5751	0.1419	0.0258	0.0237	7.199E-02	1.776E-02	3.227E-03	2.970E-03	-	-	-	-	-	-	-	-	
					11	4300	0.5486	0.1331	0.0246	0.0226	6.597E-02	1.601E-02	2.956E-03	2.719E-03	-	-	-	-	-	-	-	-	
					12	4170	0.5321	0.1325	0.0237	0.0218	6.204E-02	1.545E-02	2.761E-03	2.542E-03	-	-	-	-	-	-	-	-	
					13	4065	0.4762	0.1122	0.0210	0.0193	5.413E-02	1.276E-02	2.391E-03	2.192E-03	-	-	-	-	-	-	-	-	
					14	4765	0.2670	0.0518	0.0118	0.0108	3.558E-02	6.903E-03	1.567E-03	1.443E-03	-	-	-	-	-	-	-	-	
					15	4910	0.2858	0.0519	0.0128	0.0118	3.924E-02	7.125E-03	1.755E-03	1.617E-03	-	-	-	-	-	-	-	-	
					16	4605	0.3754	0.0795	0.0173	0.0159	4.833E-02	1.024E-02	2.226E-03	2.050E-03	-	-	-	-	-	-	-	-	
					17	4523	0.4005	0.0938	0.0183	0.0169	5.066E-02	1.186E-02	2.320E-03	2.136E-03	-	-	-	-	-	-	-	-	
					18	4587	0.4725	0.1158	0.0217	0.0200	6.061E-02	1.485E-02	2.788E-03	2.566E-03	-	-	-	-	-	-	-	-	
					19	4967	0.4537	0.1088	0.0207	0.0191	6.302E-02	1.511E-02	2.880E-03	2.652E-03	-	-	-	-	-	-	-	-	
					20	4347	0.4336	0.1074	0.0199	0.0183	5.271E-02	1.306E-02	2.416E-03	2.225E-03	-	-	-	-	-	-	-	-	
					21	3318	0.3825	0.0897	0.0179	0.0165	3.548E-02	8.326E-03	1.657E-03	1.528E-03	-	-	-	-	-	-	-	-	
					22	3333	0.2673	0.0517	0.0123	0.0113	2.491E-02	4.820E-03	1.144E-03	1.057E-03	-	-	-	-	-	-	-	-	
					23	2953	0.2859	0.0518	0.0134	0.0123	2.361E-02	4.277E-03	1.110E-03	1.015E-03	-	-	-	-	-	-	-	-	
					24	2477	0.2859	0.0518	0.0134	0.0123	1.980E-02	3.588E-03	9.309E-04	8.517E-04	-	-	-	-	-	-	-	-	
					Daily	77952	-	-	-	-	9.119E-01	2.064E-01	4.113E-02	3.784E-02	-	-	-	-	-	-	-	-	
Full Enclosure A1+A2		A1-A8		8	1	2935	-	-	-	-	2.622E-02	4.682E-03	1.206E-03	1.105E-03	1.4%	1.2%	1.5%	1.5%	1.4%	1.2%	1.5%	1.5%	Half of 100% emissions from full enclosures A1+A2
					2	2054	-	-	-	-	1.836E-02	3.277E-03	8.445E-04	7.732E-04	1.0%	0.8%	1.0%	1.0%	1.0%	0.8%	1.0%	1.0%	
					3	1467	-	-	-	-	1.311E-02	2.341E-03	6.032E-04	5.523E-04	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	
					4	1053	-	-	-	-	1.223E-02	2.556E-03	5.809E-04	5.327E-04	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	
					5	1019	-	-	-	-	1.371E-02	2.817E-03	5.926E-04	5.437E-04	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	
					6	1241	-	-	-	-	1.669E-02	3.430E-03	7.214E-04	6.619E-04	0.9%	0.8%	0.9%	0.9%	0.9%	0.8%	0.9%	0.9%	
					7	2910	-	-	-	-	3.915E-02	8.044E-03	1.692E-03	1.552E-03	2.1%	2.0%	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	
					8	8229	-	-	-	-	1.101E-01	2.275E-02	4.645E-03	4.275E-03	6.0%	5.6%	5.7%	5.8%	6.0%	5.6%	5.7%	5.8%	
					9	10265	-	-	-	-	1.540E-01	3.526E-02	6.235E-03	5.745E-03	8.4%	8.7%	7.7%	7.7%	8.4%	8.7%	7.7%	7.7%	
					10	8759	-	-	-	-	1.420E-01	3.440E-02	6.069E-03	5.584E-03	7.7%	8.5%	7.5%	7.5%	7.7%	8.5%	7.5%	7.5%	
					11	8413	-	-	-	-	1.305E-01	3.104E-02	5.570E-03	5.125E-03	7.1%	7.6%	6.9%	6.9%	7.1%	7.6%	6.9%	6.9%	
					12	8156	-	-	-	-	1.227E-01	2.994E-02	5.199E-03	4.778E-03	6.7%	7.4%	6.4%	6.4%	6.7%	7.4%	6.4%	6.4%	
					13	7948	-	-	-	-	1.078E-01	2.474E-02	4.507E-03	4.140E-03	5.9%	6.1%	5.6%	5.6%	5.9%	6.1%	5.6%	5.6%	
					14	8802	-	-	-	-	7.327E-02	1.399E-02	3.194E-03	2.943E-03	4.0%	3.4%	4.0%	4.0%	4.0%	3.4%	4.0%	4.0%	
					15	9081	-	-	-	-	8.088E-02	1.449E-02	3.587E-03	3.305E-03	4.4%	3.6%	4.4%	4.4%	4.4%	3.6%	4.4%	4.4%	
					16	8614	-	-	-	-	9.986E-02	2.093E-02	4.602E-03	4.237E-03	5.4%	5.1%	5.7%	5.7%	5.4%	5.1%	5.7%	5.7%	
					17	8461	-	-	-	-	1.034E-01	2.387E-02	4.742E-03	4.366E-03	5.6%	5.9%	5.9%	5.9%	5.6%	5.9%	5.9%	5.9%	
					18	8603	-	-	-	-	1.222E-01	2.951E-02	5.635E-03	5.185E-03	6.7%	7.3%	7.0%	7.0%	6.7%	7.3%	7.0%	7.0%	
					19	9325	-	-	-	-	1.276E-01	3.024E-02	5.848E-03	5.383E-03	7.0%	7.4%	7.2%	7.2%	7.0%	7.4%	7.2%	7.2%	
					20	8143	-	-	-	-	1.068E-01	2.607E-02	4.907E-03	4.518E-03	5.8%	6.4%	6.1%	6.1%	5.8%	6.4%	6.1%	6.1%	
					21	6187	-	-	-	-	7.233E-02	1.667E-02	3.371E-03	3.100E-03	3.9%	4.1%	4.2%	4.2%	3.9%	4.1%	4.2%	4.2%	
					22	6156	-	-	-	-	5.144E-02	9.786E-03	2.319E-03	2.133E-03	2.8%	2.4%	2.9%	2.9%	2.8%	2.4%	2.9%	2.9%	
					23	5462	-	-	-	-	4.881E-02	8.713E-03	2.245E-03	2.056E-03	2.7%	2.1%	2.8%	2.8%	2.7%	2.1%	2.8%	2.8%	
					24	4581	-	-	-	-	4.094E-02	7.309E-03	1.883E-03	1.724E-03	2.2%	1.8%	2.3%	2.3%	2.2%	1.8%	2.3%	2.3%	
					Daily	147863	-	-	-	-	1.834E+00	4.069E-01	8.080E-02	7.432E-02	1.528E-01	3.390E-02	6.733E-03	6.193E-03	7.642E-02	1.695E-02	3.367E-03	3.097E-03	

Description	Length (m)	Source Name	Source ID	No. of Sources	Hour		Total Emission Factor				Total Emission Rate				Daily Emission Rate / Diurnal Porfile (from 1st 50m for Each Portal Source)				Daily Emission Rate / Diurnal Porfile (from 2nd 50m for Each Portal Source)				Remarks
						Q	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	
						(veh/hr)	(g/mile-veh)	(g/mile-veh)	(g/mile-veh)	(g/mile-veh)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	(g/s) / %	
Full Enclosure B	155		96		1	475	0.5112	0.0799	0.0207	0.0190	6.498E-03	1.016E-03	2.632E-04	2.419E-04	-	-	-	-	-	-	-	-	
					2	333	0.5034	0.0787	0.0204	0.0187	4.479E-03	7.003E-04	1.814E-04	1.667E-04	-	-	-	-	-	-	-	-	
					3	238	0.4959	0.0775	0.0201	0.0185	3.152E-03	4.923E-04	1.276E-04	1.179E-04	-	-	-	-	-	-	-	-	
					4	172	0.6013	0.1109	0.0249	0.0229	2.775E-03	5.116E-04	1.148E-04	1.055E-04	-	-	-	-	-	-	-	-	
					5	154	0.7531	0.1439	0.0299	0.0275	3.094E-03	5.913E-04	1.230E-04	1.130E-04	-	-	-	-	-	-	-	-	
					6	187	0.7531	0.1439	0.0299	0.0275	3.767E-03	7.198E-04	1.497E-04	1.376E-04	-	-	-	-	-	-	-	-	
					7	438	0.7882	0.1505	0.0311	0.0286	9.246E-03	1.766E-03	3.645E-04	3.351E-04	-	-	-	-	-	-	-	-	
					8	1240	0.9071	0.1727	0.0349	0.0321	3.008E-02	5.727E-03	1.158E-03	1.066E-03	-	-	-	-	-	-	-	-	
					9	1530	0.9465	0.2038	0.0353	0.0325	3.875E-02	8.343E-03	1.445E-03	1.331E-03	-	-	-	-	-	-	-	-	
					10	1330	1.0336	0.2342	0.0390	0.0359	3.677E-02	8.332E-03	1.387E-03	1.277E-03	-	-	-	-	-	-	-	-	
					11	1273	1.0024	0.2232	0.0379	0.0349	3.413E-02	7.599E-03	1.289E-03	1.187E-03	-	-	-	-	-	-	-	-	
					12	1216	0.9409	0.2179	0.0350	0.0322	3.062E-02	7.090E-03	1.137E-03	1.046E-03	-	-	-	-	-	-	-	-	
					13	1173	0.8735	0.1889	0.0323	0.0297	2.740E-02	5.926E-03	1.014E-03	9.329E-04	-	-	-	-	-	-	-	-	
					14	1401	0.5295	0.0896	0.0205	0.0189	1.985E-02	3.359E-03	7.673E-04	7.066E-04	-	-	-	-	-	-	-	-	
					15	1470	0.5877	0.0917	0.0234	0.0216	2.311E-02	3.606E-03	9.215E-04	8.484E-04	-	-	-	-	-	-	-	-	
					16	1411	0.7390	0.1359	0.0297	0.0273	2.790E-02	5.129E-03	1.120E-03	1.032E-03	-	-	-	-	-	-	-	-	
					17	1370	0.7433	0.1543	0.0291	0.0268	2.725E-02	5.658E-03	1.066E-03	9.823E-04	-	-	-	-	-	-	-	-	
					18	1409	0.8455	0.1843	0.0331	0.0305	3.188E-02	6.950E-03	1.249E-03	1.150E-03	-	-	-	-	-	-	-	-	
					19	1522	0.8319	0.1784	0.0326	0.0300	3.388E-02	7.265E-03	1.327E-03	1.222E-03	-	-	-	-	-	-	-	-	
					20	1315	0.7600	0.1696	0.0295	0.0271	2.674E-02	5.968E-03	1.036E-03	9.535E-04	-	-	-	-	-	-	-	-	
					21	997	0.6694	0.1397	0.0261	0.0240	1.785E-02	3.725E-03	6.953E-04	6.399E-04	-	-	-	-	-	-	-	-	
					22	980	0.5009	0.0849	0.0194	0.0179	1.313E-02	2.225E-03	5.083E-04	4.680E-04	-	-	-	-	-	-	-	-	
					23	884	0.5557	0.0868	0.0222	0.0205	1.314E-02	2.054E-03	5.260E-04	4.842E-04	-	-	-	-	-	-	-	-	
					24	742	0.5368	0.0838	0.0216	0.0199	1.065E-02	1.663E-03	4.288E-04	3.945E-04	-	-	-	-	-	-	-	-	
					Daily	23259	-	-	-	-	4.761E-01	9.642E-02	1.840E-02	1.694E-02	-	-	-	-	-	-	-	-	
Full Enclosure C+D	136		95		1	489	0.6179	0.1047	0.0235	0.0216	7.093E-03	1.202E-03	2.701E-04	2.484E-04	-	-	-	-	-	-	-	-	
					2	342	0.6088	0.1031	0.0232	0.0214	4.892E-03	8.281E-04	1.864E-04	1.720E-04	-	-	-	-	-	-	-	-	
					3	245	0.5998	0.1016	0.0230	0.0211	3.443E-03	5.829E-04	1.318E-04	1.211E-04	-	-	-	-	-	-	-	-	
					4	185	0.7271	0.1447	0.0289	0.0265	3.151E-03	6.273E-04	1.251E-04	1.149E-04	-	-	-	-	-	-	-	-	
					5	180	0.6429	0.1106	0.0231	0.0213	2.710E-03	4.663E-04	9.749E-05	8.989E-05	-	-	-	-	-	-	-	-	
					6	219	0.6522	0.1122	0.0234	0.0215	3.347E-03	5.756E-04	1.203E-04	1.105E-04	-	-	-	-	-	-	-	-	
					7	513	0.6717	0.1156	0.0240	0.0221	8.084E-03	1.391E-03	2.889E-04	2.657E-04	-	-	-	-	-	-	-	-	
					8	1449	0.7543	0.1298	0.0265	0.0244	2.567E-02	4.417E-03	9.027E-04	8.307E-04	-	-	-	-	-	-	-	-	
					9	1764	0.7727	0.1498	0.0266	0.0244	3.200E-02	6.206E-03	1.100E-03	1.012E-03	-	-	-	-	-	-	-	-	
					10	1490	0.8456	0.1753	0.0299	0.0275	2.959E-02	6.135E-03	1.046E-03	9.621E-04	-	-	-	-	-	-	-	-	
					11	1441	0.8202	0.1665	0.0289	0.0266	2.774E-02	5.633E-03	9.774E-04	8.994E-04	-	-	-	-	-	-	-	-	
					12	1381	0.7863	0.1647	0.0270	0.0249	2.550E-02	5.341E-03	8.762E-04	8.063E-04	-	-	-	-	-	-	-	-	
					13	1359	0.7160	0.1383	0.0242	0.0223	2.285E-02	4.413E-03	7.715E-04	7.102E-04	-	-	-	-	-	-	-	-	
					14	1442	0.6410	0.1164	0.0232	0.0213	2.170E-02	3.941E-03	7.841E-04	7.217E-04	-	-	-	-	-	-	-	-	
					15	1513	0.6946	0.1176	0.0260	0.0240	2.467E-02	4.177E-03	9.247E-04	8.510E-04	-	-	-	-	-	-	-	-	
					16	1510	0.8433	0.1676	0.0326	0.0300	2.990E-02	5.944E-03	1.156E-03	1.064E-03	-	-	-	-	-	-	-	-	
					17	1487	0.8537	0.1885	0.0323	0.0297	2.980E-02	6.579E-03	1.127E-03	1.037E-03	-	-	-	-	-	-	-	-	
					18	1560	0.9670	0.2233	0.0367	0.0338	3.541E-02	8.176E-03	1.345E-03	1.238E-03	-	-	-	-	-	-	-	-	
					19	1677	0.9581	0.2179	0.0364	0.0335	3.773E-02	8.582E-03	1.434E-03	1.319E-03	-	-	-	-	-	-	-	-	
					20	1447	0.8875	0.2085	0.0333	0.0306	3.014E-02	7.082E-03	1.131E-03	1.040E-03	-	-	-	-	-	-	-	-	
					21	1074	0.7914	0.1749	0.0297	0.0273	1.996E-02	4.410E-03	7.487E-04	6.887E-04	-	-	-	-	-	-	-	-	
					22	1009	0.6084	0.1105	0.0221	0.0204	1.440E-02	2.615E-03	5.240E-04	4.820E-04	-	-	-	-	-	-	-	-	
					23	910	0.6481	0.1097	0.0245	0.0225	1.385E-02	2.343E-03	5.238E-04	4.816E-04	-	-	-	-	-	-	-	-	
					24	763	0.6375	0.1080	0.0242	0.0223	1.143E-02	1.935E-03	4.328E-04	3.994E-04	-	-	-	-	-	-	-	-	
					Daily	25450	-	-	-	-	4.650E-01	9.360E-02	1.702E-02	1.567E-02	-	-	-	-	-	-	-	-	
Full Enclosure B+C+D		C1-C8		8	1	964	-	-	-	-	1.359E-02	2.217E-03	5.333E-04	4.903E-04	1.4%	1.2%	1.5%	1.5%	1.4%	1.2%	1.5%	1.5%	Half of 100% emissions from full enclosures B+C+D
					2	675	-	-	-	-	9.370E-03	1.528E-03	3.678E-04	3.388E-04	1.0%	0.8%	1.0%	1.0%	1.0%	0.8%	1.0%	1.0%	
					3	482	-	-	-	-	6.594E-03	1.075E-03	2.594E-04	2.390E-04	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	
					4	357	-	-	-	-	5.926E-03	1.139E-03	2.398E-04	2.204E-04	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	
					5	333	-	-	-	-	5.804E-03	1.058E-03	2.205E-04	2.029E-04	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
					6	406	-	-	-	-	7.113E-03	1.295E-03	2.700E-04	2.481E-04	0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	
					7	951	-	-	-	-	1.733E-02	3.157E-03	6.534E-04	6.008E-04	1.8%	1.7%	1.8%	1.8%	1.8%	1.7%	1.8%	1.8%	
					8	2689	-	-	-	-	5.575E-02	1.014E-02	2.061E-03	1.896E-03	5.9%	5.3%	5.8%	5.8%	5.9%	5.3%	5.8%	5.8%	
					9	3295	-	-	-	-	7.075E-02	1.455E-02	2.545E-03	2.343E-03	7.5%	7.7%	7.2%	7.2%	7.5%	7.7%	7.2%	7.2%	
					10	2820	-	-	-	-	6.636E-02	1.447E-02	2.433E-03	2.239E-03	7.1%	7.6%	6.9%	6.9%	7.1%	7.6%	6.9%	6.9%	
					11	2714	-	-	-	-	6.188E-02	1.323E-02	2.267E-03	2.086E-03	6.6%	7.0%	6.4%	6.4%	6.6%	7.0%	6.4%	6.4%	
					12	2597	-	-	-	-	5.611E-02	1.243E-02	2.014E-03	1.853E-03	6.0%	6.5%	5.7%	5.7%	6.0%	6.5%	5.7%	5.7%	
					13	2532	-	-	-	-	5.025E-02	1.034E-02	1.786E-03	1.643E-03	5.3%	5.4%	5.0%	5.0%	5.3%	5.4%	5.0%	5.0%	
					14	2843	-	-	-	-	4.154E-02	7.300E-03	1.551E-03	1.428E-03	4.4%	3.8%	4.4%	4.4%	4.4%	3.8%	4.4%	4.4%	
					15	2983	-	-	-	-	4.778E-02	7.783E-03	1.846E-03	1.699E-03	5.1%	4.1%	5.2%	5.2%	5.1%	4.1%	5.2%	5.2%	
					16	2921	-	-	-	-	5.780E-02	1.107E-02	2.277E-03	2.096E-03	6.1%	5.8%	6.4%	6.4%	6.1%	5.8%	6.4%	6.4%	
					17	2857	-	-	-	-	5.705E-02	1.224E-02	2.193E-03	2.019E-03	6.1%	6.4%	6.2%	6.2%	6.1%	6.4%	6.2%	6.2%	
					18	2969	-	-	-	-	6.729E-02	1.513E-02	2.594E-03	2.387E-03	7.1%	8.0%	7.3%	7.3%	7.1%	8.0%	7.3%	7.3%	
					19	3200	-	-	-	-	7.160E-02	1.585E-02	2.761E-03	2.541E-03	7.6%	8.3%	7.8%	7.8%	7.6%	8.3%	7.8%	7.8%	
					20	2762	-	-	-	-	5.688E-02	1.305E-02	2.167E-03	1.994E-03	6.0%	6.9%	6.1%	6.1%	6.0%	6.9%	6.1%	6.1%	
					21	2071	-	-	-	-	3.780E-02	8.136E-03	1.444E-03	1.329E-03	4.0%	4.3%	4.1%	4.1%	4.0%	4.3%	4.1%	4.1%	
					22	1988	-	-	-	-	2.754E-02	4.840E-03	1.032E-03	9.500E-04	2.9%	2.5%	2.9%	2.9%	2.9%	2.5%	2.9%	2.9%	
					23	1794	-	-	-	-	2.699E-02	4.397E-03	1.050E-03	9.657E-04	2.9%	2.3%	3.0%	3.0%	2.9%	2.3%	3.0%	3.0%	
					24	1505	-	-	-	-	2.208E-02	3.598E-03	8.616E-04	7.939E-04	2.3%	1.9%	2.4%	2.4%	2.3%	1.9%	2.4%	2.4%	
					Daily	48709	-	-	-	-	9.412E-01	1.900E-01	3.543E-02	3.260E-02	7.843E-02	1.583E-02	2.952E-03	2.717E-03	3.922E-02	7.917E-03	1.476E-03	1.359E-03	

Description	Length (m)	Source Name	Source ID	No. of Sources	Hour	Q (veh/hr)	Total Emission Factor				Total Emission Rate				Daily Emission Rate / Diurnal Porfile (from 1st 50m for Each Portal Source)				Daily Emission Rate / Diurnal Porfile (from 2nd 50m for Each Portal Source)				Remarks
							NO (g/mile-veh)	NO_2 (g/mile-veh)	RSP (g/mile-veh)	FSP (g/mile-veh)	NO (g/s)	NO_2 (g/s)	RSP (g/s)	FSP (g/s)	NO (g/s) / %	NO_2 (g/s) / %	RSP (g/s) / %	FSP (g/s) / %	NO (g/s) / %	NO_2 (g/s) / %	RSP (g/s) / %	FSP (g/s) / %	
Full Enclosure B+C+D		B1-B6		6	1	964	-	-	-	-	1.359E-02	2.217E-03	5.333E-04	4.903E-04	1.4%	1.2%	1.5%	1.5%	1.4%	1.2%	1.5%	1.5%	Half of 100% emissions from full enclosures B+C+D
					2	675	-	-	-	-	9.370E-03	1.528E-03	3.678E-04	3.388E-04	1.0%	0.8%	1.0%	1.0%	1.0%	0.8%	1.0%	1.0%	
					3	482	-	-	-	-	6.594E-03	1.075E-03	2.594E-04	2.390E-04	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	
					4	357	-	-	-	-	5.926E-03	1.139E-03	2.398E-04	2.204E-04	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	
					5	333	-	-	-	-	5.804E-03	1.058E-03	2.205E-04	2.029E-04	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
					6	406	-	-	-	-	7.113E-03	1.295E-03	2.700E-04	2.481E-04	0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	
					7	951	-	-	-	-	1.733E-02	3.157E-03	6.534E-04	6.008E-04	1.8%	1.7%	1.8%	1.8%	1.8%	1.7%	1.8%	1.8%	
					8	2689	-	-	-	-	5.575E-02	1.014E-02	2.061E-03	1.896E-03	5.9%	5.3%	5.8%	5.8%	5.9%	5.3%	5.8%	5.8%	
					9	3295	-	-	-	-	7.075E-02	1.455E-02	2.545E-03	2.343E-03	7.5%	7.7%	7.2%	7.2%	7.5%	7.7%	7.2%	7.2%	
					10	2820	-	-	-	-	6.636E-02	1.447E-02	2.433E-03	2.239E-03	7.1%	7.6%	6.9%	6.9%	7.1%	7.6%	6.9%	6.9%	
					11	2714	-	-	-	-	6.188E-02	1.323E-02	2.267E-03	2.086E-03	6.6%	7.0%	6.4%	6.4%	6.6%	7.0%	6.4%	6.4%	
					12	2597	-	-	-	-	5.611E-02	1.243E-02	2.014E-03	1.853E-03	6.0%	6.5%	5.7%	5.7%	6.0%	6.5%	5.7%	5.7%	
					13	2532	-	-	-	-	5.025E-02	1.034E-02	1.786E-03	1.643E-03	5.3%	5.4%	5.0%	5.0%	5.3%	5.4%	5.0%	5.0%	
					14	2843	-	-	-	-	4.154E-02	7.300E-03	1.551E-03	1.428E-03	4.4%	3.8%	4.4%	4.4%	4.4%	3.8%	4.4%	4.4%	
					15	2983	-	-	-	-	4.778E-02	7.783E-03	1.846E-03	1.699E-03	5.1%	4.1%	5.2%	5.2%	5.1%	4.1%	5.2%	5.2%	
					16	2921	-	-	-	-	5.780E-02	1.107E-02	2.277E-03	2.096E-03	6.1%	5.8%	6.4%	6.4%	6.1%	5.8%	6.4%	6.4%	
					17	2857	-	-	-	-	5.705E-02	1.224E-02	2.193E-03	2.019E-03	6.1%	6.4%	6.2%	6.2%	6.1%	6.4%	6.2%	6.2%	
					18	2969	-	-	-	-	6.729E-02	1.513E-02	2.594E-03	2.387E-03	7.1%	8.0%	7.3%	7.3%	7.1%	8.0%	7.3%	7.3%	
					19	3200	-	-	-	-	7.160E-02	1.585E-02	2.761E-03	2.541E-03	7.6%	8.3%	7.8%	7.8%	7.6%	8.3%	7.8%	7.8%	
					20	2762	-	-	-	-	5.688E-02	1.305E-02	2.167E-03	1.994E-03	6.0%	6.9%	6.1%	6.1%	6.0%	6.9%	6.1%	6.1%	
					21	2071	-	-	-	-	3.780E-02	8.136E-03	1.444E-03	1.329E-03	4.0%	4.3%	4.1%	4.1%	4.0%	4.3%	4.1%	4.1%	
					22	1988	-	-	-	-	2.754E-02	4.840E-03	1.032E-03	9.500E-04	2.9%	2.5%	2.9%	2.9%	2.9%	2.5%	2.9%	2.9%	
					23	1794	-	-	-	-	2.699E-02	4.397E-03	1.050E-03	9.657E-04	2.9%	2.3%	3.0%	3.0%	2.9%	2.3%	3.0%	3.0%	
					24	1505	-	-	-	-	2.208E-02	3.598E-03	8.616E-04	7.939E-04	2.3%	1.9%	2.4%	2.4%	2.3%	1.9%	2.4%	2.4%	
					Daily	48709	-	-	-	-	9.412E-01	1.900E-01	3.543E-02	3.260E-02	1.046E-01	2.111E-02	3.936E-03	3.623E-03	5.229E-02	1.056E-02	1.968E-03	1.811E-03	

Description	Length (m)	Source Name	Source ID	Area	Hour	Q (veh/hr)	Total Emission Factor				Total Emission Rate				Max Daily Emission Rate /Hourly Porfile				Remarks
							NO (g/mile-veh)	NO_2 (g/mile-veh)	RSP (g/mile-veh)	FSP (g/mile-veh)	NO (g/s)	NO_2 (g/s)	RSP (g/s)	FSP (g/s)	NO ($g/m^2/s$) / %	NO_2 (g/s) / %	RSP (g/s) / %	FSP (g/s) / %	
Full Enclosure B+C+D		D1-D4		212	1	964	-	-	-	-	1.359E-02	2.217E-03	5.333E-04	4.903E-04	19%	14%	19%	19%	Total emission rate from opening assumed to be equivalent to one portal source of the first 50m, i.e. 18.6% emissions from full enclosures B+C+D (2/3 x 14/50). Calculation is referenced to approved EIA report Road Works at West Kowloon (EIA-175/2009) and EPD's Guidelines on Choice of Models and Model Parameters.
					2	675	-	-	-	-	9.370E-03	1.528E-03	3.678E-04	3.388E-04	13%	10%	13%	13%	
					3	482	-	-	-	-	6.594E-03	1.075E-03	2.594E-04	2.390E-04	9%	7%	9%	9%	
					4	357	-	-	-	-	5.926E-03	1.139E-03	2.398E-04	2.204E-04	8%	7%	9%	9%	
					5	333	-	-	-	-	5.804E-03	1.058E-03	2.205E-04	2.029E-04	8%	7%	8%	8%	
					6	406	-	-	-	-	7.113E-03	1.295E-03	2.700E-04	2.481E-04	10%	8%	10%	10%	
					7	951	-	-	-	-	1.733E-02	3.157E-03	6.534E-04	6.008E-04	24%	20%	24%	24%	
					8	2689	-	-	-	-	5.575E-02	1.014E-02	2.061E-03	1.896E-03	78%	64%	75%	75%	
					9	3295	-	-	-	-	7.075E-02	1.455E-02	2.545E-03	2.343E-03	99%	92%	92%	92%	
					10	2820	-	-	-	-	6.636E-02	1.447E-02	2.433E-03	2.239E-03	93%	91%	88%	88%	
					11	2714	-	-	-	-	6.188E-02	1.323E-02	2.267E-03	2.086E-03	86%	83%	82%	82%	
					12	2597	-	-	-	-	5.611E-02	1.243E-02	2.014E-03	1.853E-03	78%	78%	73%	73%	
					13	2532	-	-	-	-	5.025E-02	1.034E-02	1.786E-03	1.643E-03	70%	65%	65%	65%	
					14	2843	-	-	-	-	4.154E-02	7.300E-03	1.551E-03	1.428E-03	58%	46%	56%	56%	
					15	2983	-	-	-	-	4.778E-02	7.783E-03	1.846E-03	1.699E-03	67%	49%	67%	67%	
					16	2921	-	-	-	-	5.780E-02	1.107E-02	2.277E-03	2.096E-03	81%	70%	82%	82%	
					17	2857	-	-	-	-	5.705E-02	1.224E-02	2.193E-03	2.019E-03	80%	77%	79%	79%	
					18	2969	-	-	-	-	6.729E-02	1.513E-02	2.594E-03	2.387E-03	94%	95%	94%	94%	
					19	3200	-	-	-	-	7.160E-02	1.585E-02	2.761E-03	2.541E-03	100%	100%	100%	100%	
					20	2762	-	-	-	-	5.688E-02	1.305E-02	2.167E-03	1.994E-03	79%	82%	78%	78%	
					21	2071	-	-	-	-	3.780E-02	8.136E-03	1.444E-03	1.329E-03	53%	51%	52%	52%	
					22	1988	-	-	-	-	2.754E-02	4.840E-03	1.032E-03	9.500E-04	38%	31%	37%	37%	
					23	1794	-	-	-	-	2.699E-02	4.397E-03	1.050E-03	9.657E-04	38%	28%	38%	38%	
					24	1505	-	-	-	-	2.208E-02	3.598E-03	8.616E-04	7.939E-04	31%	23%	31%	31%	
					Max	-	-	-	-	-	7.160E-02	1.585E-02	2.761E-03	2.541E-03	6.294E-05	1.393E-05	2.427E-06	2.234E-06	

Note:

[1] Total emission rate from opening assumed to be equivalent to one portal source of the first 50m.

Calculation of Portal Emissions

Portal Emissions (VOLUME Source)

						Daily Emission Rate (QS) (g/s) [1]							Total	Total	Total	Total
Road ID	Source ID	Source Type	X	Y	NO	NO_2	RSP	FSP	HS	SY	SZ		NO	NO_2	RSP	FSP
Fanling Highway Eastbound (Proposed Full Enclosure)	A1	VOLUME	830229.4	840317.0	1.528E-01	3.390E-02	6.733E-03	6.193E-03	3.00	6.51	2.79					
	A2	VOLUME	830240.5	840317.2	1.528E-01	3.390E-02	6.733E-03	6.193E-03	3.00	6.51	2.79					
	A3	VOLUME	830251.6	840317.4	1.528E-01	3.390E-02	6.733E-03	6.193E-03	3.00	6.51	2.79					
	A4	VOLUME	830262.7	840317.6	1.528E-01	3.390E-02	6.733E-03	6.193E-03	3.00	6.51	2.79					
	A5	VOLUME	830273.8	840317.7	7.642E-02	1.695E-02	3.367E-03	3.097E-03	3.00	6.51	2.79					
	A6	VOLUME	830284.9	840317.9	7.642E-02	1.695E-02	3.367E-03	3.097E-03	3.00	6.51	2.79					
	A7	VOLUME	830296.0	840318.1	7.642E-02	1.695E-02	3.367E-03	3.097E-03	3.00	6.51	2.79					
	A8	VOLUME	830307.1	840318.3	7.642E-02	1.695E-02	3.367E-03	3.097E-03	3.00	6.51	2.79		9.170E-01	2.034E-01	4.040E-02	3.716E-02
Existing Po Shek Wu Road Southbound (Proposed Full Enclosure)	B1	VOLUME	830823.6	840095.1	1.046E-01	2.111E-02	3.936E-03	3.623E-03	3.00	9.30	2.79					
	B2	VOLUME	830830.8	840082.7	1.046E-01	2.111E-02	3.936E-03	3.623E-03	3.00	9.30	2.79					
	B3	VOLUME	830838.0	840070.4	1.046E-01	2.111E-02	3.936E-03	3.623E-03	3.00	9.30	2.79					
	B4	VOLUME	830845.3	840058.1	5.229E-02	1.056E-02	1.968E-03	1.811E-03	3.00	9.30	2.79					
	B5	VOLUME	830852.5	840045.7	5.229E-02	1.056E-02	1.968E-03	1.811E-03	3.00	9.30	2.79					
	B6	VOLUME	830859.7	840033.4	5.229E-02	1.056E-02	1.968E-03	1.811E-03	3.00	9.30	2.79		4.706E-01	9.501E-02	1.771E-02	1.630E-02
Po Shek Wu Road Northbound (Proposed Full Enclosure)	C1	VOLUME	830768.5	840268.4	7.843E-02	1.583E-02	2.952E-03	2.717E-03	3.00	5.35	2.79					
	C2	VOLUME	830767.5	840279.5	7.843E-02	1.583E-02	2.952E-03	2.717E-03	3.00	5.35	2.79					
	C3	VOLUME	830766.5	840290.5	7.843E-02	1.583E-02	2.952E-03	2.717E-03	3.00	5.35	2.79					
	C4	VOLUME	830765.5	840301.6	7.843E-02	1.583E-02	2.952E-03	2.717E-03	3.00	5.35	2.79					
	C5	VOLUME	830764.4	840312.7	3.922E-02	7.917E-03	1.476E-03	1.359E-03	3.00	5.35	2.79					
	C6	VOLUME	830763.4	840323.8	3.922E-02	7.917E-03	1.476E-03	1.359E-03	3.00	5.35	2.79					
	C7	VOLUME	830762.4	840334.8	3.922E-02	7.917E-03	1.476E-03	1.359E-03	3.00	5.35	2.79					
	C8	VOLUME	830761.4	840345.9	3.922E-02	7.917E-03	1.476E-03	1.359E-03	3.00	5.35	2.79		4.706E-01	9.501E-02	1.771E-02	1.630E-02

Portal Emissions (AREAPOLY Source)

						Max Hourly Emission Rate (QS) ($g/m^2/s$) [1]			Area	Release	
Road ID	Source ID	Source Type	X	Y	NO	NO_2	RSP	FSP	(m^2)	Height (mAG)	No. of Vertices
Po Shek Wu Road Northbound (Proposed Full Enclosure)	D1	AREAPOLY	830772.7	840194.4	1.573E-05	3.482E-06	6.066E-07	5.584E-07	212	0	4
			830775.0	840208.9							
			830787.9	840210.9							
			830790.0	840197.1							
	D2	AREAPOLY	830772.7	840194.4	1.573E-05	3.482E-06	6.066E-07	5.584E-07	212	2	4
			830775.0	840208.9							
			830787.9	840210.9							
			830790.0	840197.1							
	D3	AREAPOLY	830772.7	840194.4	1.573E-05	3.482E-06	6.066E-07	5.584E-07	212	4	4
			830775.0	840208.9							
			830787.9	840210.9							
			830790.0	840197.1							
	D4	AREAPOLY	830772.7	840194.4	1.573E-05	3.482E-06	6.066E-07	5.584E-07	212	6	4
			830775.0	840208.9							
			830787.9	840210.9							
			830790.0	840197.1							

Note:

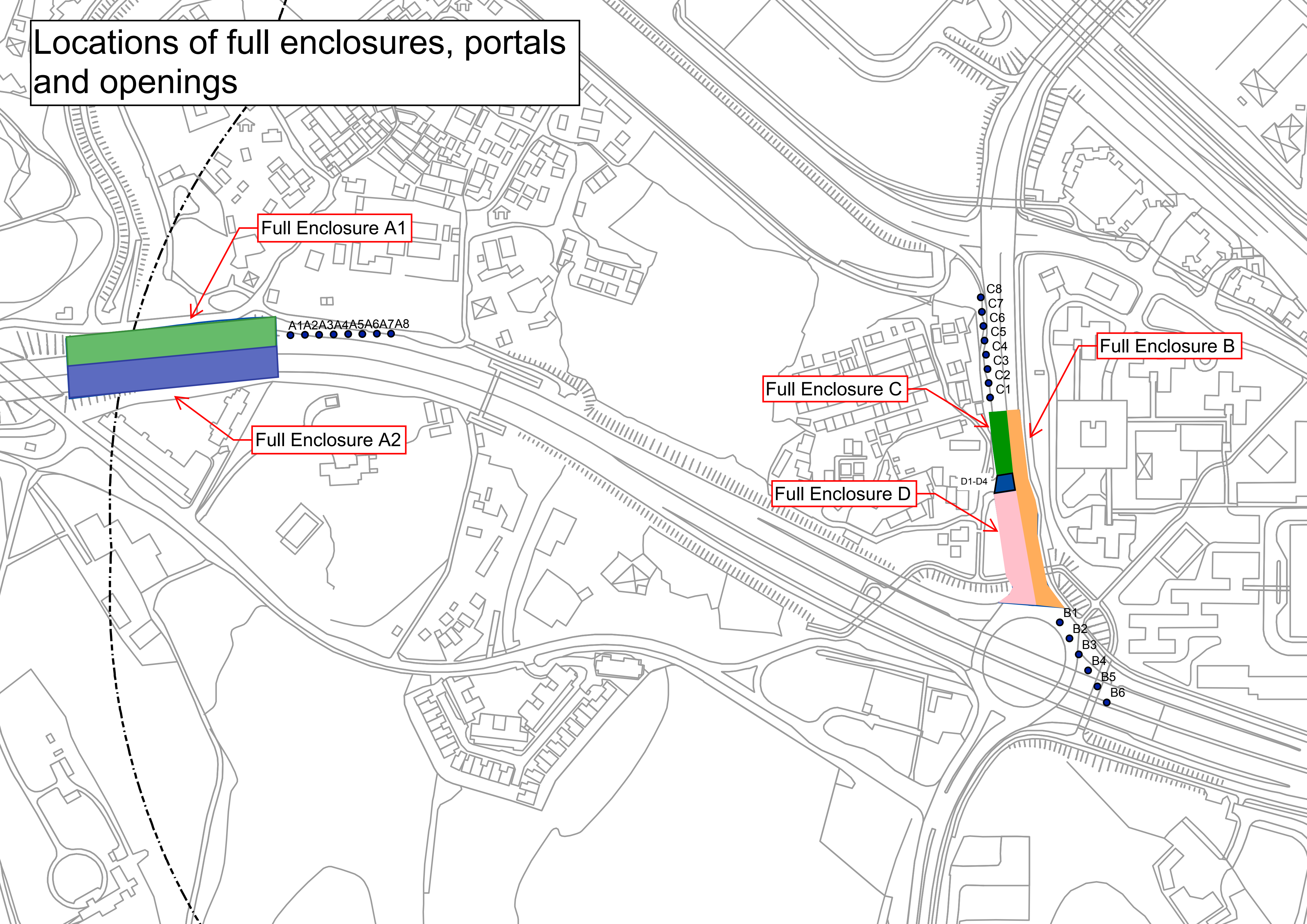
[1] The emission rates for portal are calculated from the results of EMFAC-HK model and traffic data adopted in this study.

Calculation of Portal Emissions

Hourly Profile for Portals and Openings

Hour	Portal A Existing Fanling Highway Eastbound				Portal B Existing Po Shek Wu Road Southbound				Portal C Po Shek Wu Road Northbound				Opening D1-D4 Po Shek Wu Road Northbound			
	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP	NO	NO_2	RSP	FSP
Hour 1	1.4%	1.2%	1.5%	1.5%	1.4%	1.2%	1.5%	1.5%	1.4%	1.2%	1.5%	1.5%	19.0%	14.0%	19.3%	19.3%
Hour 2	1.0%	0.8%	1.0%	1.0%	1.0%	0.8%	1.0%	1.0%	1.0%	0.8%	1.0%	1.0%	13.1%	9.6%	13.3%	13.3%
Hour 3	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.7%	0.7%	9.2%	6.8%	9.4%	9.4%
Hour 4	0.7%	0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%	8.3%	7.2%	8.7%	8.7%
Hour 5	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	8.1%	6.7%	8.0%	8.0%
Hour 6	0.9%	0.8%	0.9%	0.9%	0.8%	0.7%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	9.9%	8.2%	9.8%	9.8%
Hour 7	2.1%	2.0%	2.1%	2.1%	1.8%	1.7%	1.8%	1.8%	1.8%	1.7%	1.8%	1.8%	24.2%	19.9%	23.7%	23.6%
Hour 8	6.0%	5.6%	5.7%	5.8%	5.9%	5.3%	5.8%	5.8%	5.9%	5.3%	5.8%	5.8%	77.9%	64.0%	74.7%	74.6%
Hour 9	8.4%	8.7%	7.7%	7.7%	7.5%	7.7%	7.2%	7.2%	7.5%	7.7%	7.2%	7.2%	98.8%	91.8%	92.2%	92.2%
Hour 10	7.7%	8.5%	7.5%	7.5%	7.1%	7.6%	6.9%	6.9%	7.1%	7.6%	6.9%	6.9%	92.7%	91.3%	88.1%	88.1%
Hour 11	7.1%	7.6%	6.9%	6.9%	6.6%	7.0%	6.4%	6.4%	6.6%	7.0%	6.4%	6.4%	86.4%	83.5%	82.1%	82.1%
Hour 12	6.7%	7.4%	6.4%	6.4%	6.0%	6.5%	5.7%	5.7%	6.0%	6.5%	5.7%	5.7%	78.4%	78.4%	72.9%	72.9%
Hour 13	5.9%	6.1%	5.6%	5.6%	5.3%	5.4%	5.0%	5.0%	5.3%	5.4%	5.0%	5.0%	70.2%	65.2%	64.7%	64.7%
Hour 14	4.0%	3.4%	4.0%	4.0%	4.4%	3.8%	4.4%	4.4%	4.4%	3.8%	4.4%	4.4%	58.0%	46.1%	56.2%	56.2%
Hour 15	4.4%	3.6%	4.4%	4.4%	5.1%	4.1%	5.2%	5.2%	5.1%	4.1%	5.2%	5.2%	66.7%	49.1%	66.9%	66.9%
Hour 16	5.4%	5.1%	5.7%	5.7%	6.1%	5.8%	6.4%	6.4%	6.1%	5.8%	6.4%	6.4%	80.7%	69.9%	82.5%	82.5%
Hour 17	5.6%	5.9%	5.9%	5.9%	6.1%	6.4%	6.2%	6.2%	6.1%	6.4%	6.2%	6.2%	79.7%	77.2%	79.4%	79.5%
Hour 18	6.7%	7.3%	7.0%	7.0%	7.1%	8.0%	7.3%	7.3%	7.1%	8.0%	7.3%	7.3%	94.0%	95.4%	94.0%	94.0%
Hour 19	7.0%	7.4%	7.2%	7.2%	7.6%	8.3%	7.8%	7.8%	7.6%	8.3%	7.8%	7.8%	100.0%	100.0%	100.0%	100.0%
Hour 20	5.8%	6.4%	6.1%	6.1%	6.0%	6.9%	6.1%	6.1%	6.0%	6.9%	6.1%	6.1%	79.4%	82.3%	78.5%	78.5%
Hour 21	3.9%	4.1%	4.2%	4.2%	4.0%	4.3%	4.1%	4.1%	4.0%	4.3%	4.1%	4.1%	52.8%	51.3%	52.3%	52.3%
Hour 22	2.8%	2.4%	2.9%	2.9%	2.9%	2.5%	2.9%	2.9%	2.9%	2.5%	2.9%	2.9%	38.5%	30.5%	37.4%	37.4%
Hour 23	2.7%	2.1%	2.8%	2.8%	2.9%	2.3%	3.0%	3.0%	2.9%	2.3%	3.0%	3.0%	37.7%	27.7%	38.0%	38.0%
Hour 24	2.2%	1.8%	2.3%	2.3%	2.3%	1.9%	2.4%	2.4%	2.3%	1.9%	2.4%	2.4%	30.8%	22.7%	31.2%	31.2%

Locations of full enclosures, portals and openings


Full Enclosure A1
Full Enclosure A2
A1A2A3A4A5A6A7A8
Full Enclosure B
Full Enclosure C
Full Enclosure D
C8
C7
C6
C5
C4
C3
C2
C1
D1-D4
B1
B2
B3
B4
B5
B6

Appendix 3.6

Detailed Calculations of Start Emission Associated with Choi Yuen Estate Bus Terminus and Jumbo Plaza HGV Car Park

Emission Inventory for AERMOD Model - Emission Associated with Bus and Terminuses and Heavy Goods Vehicle Parking Sites (Year 2028)

Carpark/Terminus	Source	Type	X	Y	Release Height	Exit Temperature	Exit Velocity	Stack Diameter	Length of X Side	Length of Y Side	Angle	Syinit	Szinit	Operiation Period	Area	No. of Vertices	Max. Hourly Emission Rate				
																	NO	NO_2	RSP	FSP	TSP
	ID		(m)	(m)	(mAG)	(K)	(m/s)	(m)	(m)	(m)	(degree)	(m)	(m)	(hr)		(for AREAPOLY)	(g/s) or (g/m^2/s)				
Emission inside Carpark/Terminus																					
Choi Yuen Estate Bus Terminus (ID: PTI1) (Bus)	PTI101	AREAPOLY	831023.2	840109.7	8.00	-	-	-	-	-	-	-	-	24	387	5	2.833E-05	1.449E-06	2.697E-07	2.508E-07	
			831040.9	840109.7																	
			831041.0	840105.5																	
			831034.7	840099.8																	
			831023.2	840099.8																	
	PTI102	AREAPOLY	831023.0	840145.6	8.00	-	-	-	-	-	-	-	-	24		5	2.833E-05	1.449E-06	2.697E-07	2.508E-07	
			831023.0	840155.7																	
			831034.7	840155.6																	
			831040.9	840150.4																	
			831040.9	840145.4																	
	PTI103	AREA	831033.2	840170.7	0.00	-	-	-	2.02	10.59	89.51	-	-	24		-	9.444E-06	4.831E-07	8.991E-08	8.362E-08	
	PTI104	AREA	831033.2	840170.7	2.00	-	-	-	2.02	10.59	89.51	-	-	24		-	9.444E-06	4.831E-07	8.991E-08	8.362E-08	
	PTI105	AREA	831033.2	840170.7	4.00	-	-	-	2.02	10.59	89.51	-	-	24		-	9.444E-06	4.831E-07	8.991E-08	8.362E-08	
Jumbo Plaza (ID: 26)	HGVP101	AREA	830624.3	840581.2	18.00	-	-	-	87.60	81.91	41.84	-	-	24	7176	-	2.596E-07	5.725E-08	1.171E-08	1.077E-08	
Start Emission outside Terminus																					
Choi Yuen Estate Bus Terminus (ID: PTI1) (Bus)	SE101	AREA	831030.2	840168.7	3.9	-	-	-	12.50	10.33	2.07	-	3.64	24	129	-	6.395E-07	4.088E-08	0.000E+00	0.000E+00	
	SE102	AREA	831036.7	840171.0	3.9	-	-	-	77.78	15.50	0.61	-	3.64	24	1206	-	5.343E-07	3.415E-08	0.000E+00	0.000E+00	
	SE103	AREA	831110.9	840181.6	3.9	-	-	-	10.30	46.47	45.01	-	3.64	24	479	-	7.937E-07	5.074E-08	0.000E+00	0.000E+00	
	SE104	AREA	831143.4	840206.4	3.9	-	-	-	52.50	11.90	42.28	-	3.64	24	625	-	6.873E-07	4.394E-08	0.000E+00	0.000E+00	
	SE105	AREA	831181.8	840170.1	3.9	-	-	-	35.64	14.00	40.39	-	3.64	24	499	-	5.958E-07	3.808E-08	0.000E+00	0.000E+00	
	SE106	AREA	831209.0	840148.2	3.9	-	-	-	34.03	12.20	46.75	-	3.64	24	415	-	6.763E-07	4.323E-08	0.000E+00	0.000E+00	
	SE107	AREA	831232.2	840122.8	3.9	-	-	-	22.95	13.20	43.73	-	3.64	24	303	-	6.271E-07	4.009E-08	0.000E+00	0.000E+00	
	SE108	AREA	831249.5	840105.1	3.9	-	-	-	5.38	15.30	30.42	-	3.64	24	82	-	5.014E-07	3.205E-08	0.000E+00	0.000E+00	
	SE109	AREA	831251.2	840105.4	3.9	-	-	-	5.52	15.30	62.45	-	3.64	24	85	-	5.862E-07	3.747E-08	0.000E+00	0.000E+00	
	SE110	AREA	831251.9	840098.5	3.9	-	-	-	15.30	6.91	9.26	-	3.64	24	106	-	5.465E-07	3.494E-08	0.000E+00	0.000E+00	
	SE111	AREA	831250.5	840100.1	3.9	-	-	-	15.30	5.39	53.15	-	3.64	24	83	-	5.005E-07	3.199E-08	0.000E+00	0.000E+00	
	SE112	AREA	831248.7	840101.0	3.9	-	-	-	15.30	5.64	84.02	-	3.64	24	86	-	1.722E-07	1.101E-08	0.000E+00	0.000E+00	
	SE113	AREA	831240.2	840090.0	3.9	-	-	-	6.36	15.30	29.87	-	3.64	24	97	-	1.529E-07	9.771E-09	0.000E+00	0.000E+00	
	SE114	AREA	831234.9	840100.3	3.9	-	-	-	6.27	15.00	72.20	-	3.64	24	94	-	1.581E-07	1.011E-08	0.000E+00	0.000E+00	
	SE115	AREA	831219.8	840126.7	3.9	-	-	-	32.17	13.00	58.76	-	3.64	24	418	-	1.896E-07	1.212E-08	0.000E+00	0.000E+00	
	SE116	AREA	831208.7	840140.1	3.9	-	-	-	18.62	11.10	47.51	-	3.64	24	207	-	2.277E-07	1.456E-08	0.000E+00	0.000E+00	
	SE117	AREA	831185.9	840159.8	3.9	-	-	-	30.74	11.50	41.37	-	3.64	24	354	-	2.172E-07	1.389E-08	0.000E+00	0.000E+00	
	SE118	AREA	831172.4	840169.1	3.9	-	-	-	16.83	12.80	37.01	-	3.64	24	215	-	1.955E-07	1.250E-08	0.000E+00	0.000E+00	
	SE119	AREA	831134.0	840203.9	3.9	-	-	-	51.18	13.70	42.59	-	3.64	24	701	-	1.802E-07	1.152E-08	0.000E+00	0.000E+00	
	SE120	AREA	831125.8	840214.9	3.9	-	-	-	12.90	11.50	48.99	-	3.64	24	148	-	2.171E-07	1.387E-08	0.000E+00	0.000E+00	
	SE121	AREA	831112.3	840225.9	3.9	-	-	-	18.45	11.00	38.71	-	3.64	24	203	-	2.198E-07	1.405E-08	0.000E+00	0.000E+00	
	SE122	AREA	831078.9	840247.8	3.9	-	-	-	40.48	11.20	33.48	-	3.64	24	453	-	2.186E-07	1.397E-08	0.000E+00	0.000E+00	
	SE123	AREA	831015.0	840283.6	3.9	-	-	-	73.60	11.90	29.55	-	3.64	24	876	-	2.093E-07	1.338E-08	0.000E+00	0.000E+00	
	SE124	AREA	830977.1	840304.2	3.9	-	-	-	43.24	12.40	28.86	-	3.64	24	536	-	1.987E-07	1.270E-08	0.000E+00	0.000E+00	
	SE131	AREA	831243.3	840085.3	3.9	-	-	-	11.50	13.44	30.35	-	3.64	24	155	-	4.862E-07	3.108E-08	0.000E+00	0.000E+00	
	SE132	AREA	831222.8	840062.9	3.9	-	-	-	11.60	31.58	42.22	-	3.64	24	366	-	5.050E-07	3.228E-08	0.000E+00	0.000E+00	
	SE133	AREA	831211.7	840047.0	3.9	-	-	-	11.50	18.63	34.82	-	3.64	24	214	-	5.127E-07	3.277E-08	0.000E+00	0.000E+00	
	SE134	AREA	831207.2	840038.9	3.9	-	-	-	11.50	8.74	29.36	-	3.64	24	101	-	5.175E-07	3.308E-08	0.000E+00	0.000E+00	
	SE135	AREA	831195.1	840012.8	3.9	-	-	-	11.30	28.36	24.94	-	3.64	24	320	-	5.050E-07	3.228E-08	0.000E+00	0.000E+00	
	SE136	AREA	831185.9	839984.3	3.9	-	-	-	11.00	29.24	18.15	-	3.64	24	322	-	5.212E-07	3.331E-08	0.000E+00	0.000E+00	
	SE137	AREA	831157.9	839877.5	3.9	-	-	-	11.60	110.09	14.52	-	3.64	24	1277	-	4.979E-07	3.183E-08	0.000E+00	0.000E+00	
	SE138	AREA	831148.7	839844.9	3.9	-	-	-	11.90	33.93	15.47	-	3.64	24	404	-	4.868E-07	3.112E-08	0.000E+00	0.000E+00	
	SE139	AREA	831143.4	839819.7	3.9	-	-	-	12.20	25.36	11.42	-	3.64	24	309	-	4.671E-07	2.986E-08	0.000E+00	0.000E+00	
	SE140	AREA	831141.1	839796.4	3.9	-	-	-	13.00	22.70	4.68	-	3.64	24	295	-	4.506E-07	2.880E-08	0.000E+00	0.000E+00	
	SE141	AREA	831140.9	839795.3	3.9	-	-	-	18.05	13.30	85.38	-	3.64	24	240	-	4.334E-07	2.771E-08	0.000E+00	0.000E+00	
	SE142	AREA	831142.7	839776.3	3.9	-	-	-	15.85	13.00	75.65	-	3.64	24	206	-	4.487E-07	2.869E-08	0.000E+00	0.000E+00	

Emission Inventory for AERMOD Model - Emission Associated with Bus and Terminuses and Heavy Goods Vehicle Parking Sites (Year 2028)

Carpark/Terminus	Source	Type	X	Y	Release Height	Exit Temperature	Exit Velocity	Stack Diameter	Length of X Side	Length of Y Side	Angle	Syinit	Szinit	Operiation Period	Area	No. of Vertices	Max. Hourly Emission Rate				
																	NO	NO_2	RSP	FSP	TSP
	ID		(m)	(m)	(mAG)	(K)	(m/s)	(m)	(m)	(m)	(degree)	(m)	(m)	(hr)		(for AREAPOLY)	(g/s) or (g/m^2/s)				
Jumbo Plaza (ID: 26)	SE201	AREA	830627.1	840570.1	3.9	-	-	-	11.00	6.17	41.10	-	3.64	24	68	-	4.863E-07	8.253E-08	0.000E+00	0.000E+00	
	SE202	AREA	830627.8	840562.6	3.9	-	-	-	23.29	10.50	42.01	-	3.64	24	245	-	7.757E-08	1.316E-08	0.000E+00	0.000E+00	
	SE203	AREA	830645.1	840547.1	3.9	-	-	-	21.63	10.30	41.87	-	3.64	24	223	-	8.143E-08	1.382E-08	0.000E+00	0.000E+00	
	SE204	AREA	830661.2	840532.4	3.9	-	-	-	14.95	10.60	39.54	-	3.64	24	158	-	7.805E-08	1.325E-08	0.000E+00	0.000E+00	
	SE205	AREA	830675.4	840521.0	3.9	-	-	-	15.92	12.00	6.10	-	3.64	24	191	-	6.906E-08	1.172E-08	0.000E+00	0.000E+00	
	SE206	AREA	830689.0	840530.7	3.9	-	-	-	12.20	13.14	62.46	-	3.64	24	160	-	6.686E-08	1.135E-08	0.000E+00	0.000E+00	
	SE207	AREA	830699.3	840535.5	3.9	-	-	-	11.70	26.20	44.41	-	3.64	24	307	-	6.995E-08	1.187E-08	0.000E+00	0.000E+00	
	SE208	AREA	830719.8	840544.8	3.9	-	-	-	14.09	11.30	20.75	-	3.64	24	159	-	7.252E-08	1.231E-08	0.000E+00	0.000E+00	
	SE209	AREA	830732.0	840540.3	3.9	-	-	-	54.59	11.30	32.24	-	3.64	24	617	-	7.352E-08	1.248E-08	0.000E+00	0.000E+00	
	SE210	AREA	830777.2	840519.2	3.9	-	-	-	10.30	69.36	39.27	-	3.64	24	714	-	7.965E-08	1.352E-08	0.000E+00	0.000E+00	
	SE211	AREA	830825.3	840572.0	3.9	-	-	-	13.30	39.11	49.88	-	3.64	24	520	-	6.183E-08	1.049E-08	0.000E+00	0.000E+00	
	SE212	AREA	830854.8	840596.9	3.9	-	-	-	13.30	43.60	45.98	-	3.64	24	580	-	6.257E-08	1.062E-08	0.000E+00	0.000E+00	
	SE213	AREA	830885.5	840627.2	3.9	-	-	-	14.30	141.72	42.07	-	3.64	24	2027	-	5.778E-08	9.806E-09	0.000E+00	0.000E+00	
	SE214	AREA	830980.5	840732.4	3.9	-	-	-	14.30	113.25	42.02	-	3.64	24	1619	-	5.754E-08	9.765E-09	0.000E+00	0.000E+00	
	SE221	AREA	830624.0	840566.9	3.9	-	-	-	11.00	4.76	43.85	-	3.64	24	52	-	4.464E-07	7.576E-08	0.000E+00	0.000E+00	
	SE222	AREA	830606.1	840575.0	3.9	-	-	-	24.30	11.40	41.89	-	3.64	24	277	-	4.048E-07	6.870E-08	0.000E+00	0.000E+00	
	SE223	AREA	830566.9	840609.9	3.9	-	-	-	52.52	11.30	41.61	-	3.64	24	593	-	4.174E-07	7.083E-08	0.000E+00	0.000E+00	
	SE224	AREA	830562.6	840608.9	3.9	-	-	-	7.34	12.40	6.76	-	3.64	24	91	-	3.595E-07	6.101E-08	0.000E+00	0.000E+00	
	SE225	AREA	830552.0	840614.9	3.9	-	-	-	12.50	9.40	55.53	-	3.64	24	117	-	3.581E-07	6.077E-08	0.000E+00	0.000E+00	
	SE226	AREA	830531.6	840592.0	3.9	-	-	-	10.80	29.36	43.03	-	3.64	24	317	-	4.275E-07	7.254E-08	0.000E+00	0.000E+00	
	SE227	AREA	830515.2	840572.4	3.9	-	-	-	11.70	25.10	38.81	-	3.64	24	294	-	3.978E-07	6.751E-08	0.000E+00	0.000E+00	
	SE228	AREA	830510.1	840564.1	3.9	-	-	-	16.00	7.04	15.51	-	3.64	24	113	-	2.904E-07	4.929E-08	0.000E+00	0.000E+00	
	SE229	AREA	830513.7	840557.1	3.9	-	-	-	47.74	12.60	40.46	-	3.64	24	602	-	3.729E-07	6.328E-08	0.000E+00	0.000E+00	
	SE230	AREA	830550.0	840526.2	3.9	-	-	-	36.86	12.60	40.40	-	3.64	24	464	-	3.723E-07	6.319E-08	0.000E+00	0.000E+00	
	SE231	AREA	830578.1	840502.3	3.9	-	-	-	69.83	12.60	40.45	-	3.64	24	880	-	3.718E-07	6.309E-08	0.000E+00	0.000E+00	
	SE232	AREA	830631.2	840456.9	3.9	-	-	-	50.64	12.60	40.38	-	3.64	24	638	-	3.735E-07	6.339E-08	0.000E+00	0.000E+00	
	SE233	AREA	830670.3	840422.5	3.9	-	-	-	33.27	14.80	29.36	-	3.64	24	492	-	3.132E-07	5.316E-08	0.000E+00	0.000E+00	
	SE234	AREA	830700.5	840404.6	3.9	-	-	-	34.26	16.70	16.74	-	3.64	24	572	-	2.777E-07	4.713E-08	0.000E+00	0.000E+00	
	SE235	AREA	830734.7	840394.5	3.9	-	-	-	17.91	16.70	6.59	-	3.64	24	299	-	2.812E-07	4.772E-08	0.000E+00	0.000E+00	
	SE236	AREA	830753.4	840409.2	3.9	-	-	-	17.00	28.82	89.57	-	3.64	24	490	-	2.766E-07	4.694E-08	0.000E+00	0.000E+00	
	SE237	AREA	830781.7	840392.4	3.9	-	-	-	22.73	17.00	4.37	-	3.64	24	386	-	1.636E-08	2.777E-09	0.000E+00	0.000E+00	
	SE238	AREA	830803.2	840392.6	3.9	-	-	-	28.63	13.70	14.72	-	3.64	24	392	-	2.033E-08	3.450E-09	0.000E+00	0.000E+00	
	SE239	AREA	830830.8	840386.0	3.9	-	-	-	21.51	12.40	17.29	-	3.64	24	267	-	2.268E-08	3.848E-09	0.000E+00	0.000E+00	
	SE240	AREA	830850.1	840379.6	3.9	-	-	-	38.23	13.30	27.57	-	3.64	24	508	-	2.054E-08	3.486E-09	0.000E+00	0.000E+00	
	SE251	AREA	830768.7	840385.6	3.9	-	-	-	13.80	15.34	0.77	-	3.64	24	212	-	3.117E-07	5.290E-08	0.000E+00	0.000E+00	
	SE252	AREA	830768.7	840385.5	3.9	-	-	-	68.53	13.80	89.67	-	3.64	24	946	-	3.209E-07	5.446E-08	0.000E+00	0.000E+00	
	SE253	AREA	830769.5	840316.6	3.9	-	-	-	27.96	13.00	86.38	-	3.64	24	363	-	3.388E-07	5.750E-08	0.000E+00	0.000E+00	

Routing of Start Emission on Open Road

Terminus	Source ID	Travel Distance outside Bus Terminus (m)	Area (m^2)	% of Flow	Max. Hourly Emission Rate (g/s)		Max. Hourly Emission Rate ($g/m^2/s$)	
					NO	NO_2	NO	NO_2
Choi Yuen Estate Bus Terminus (ID: PTI1) (Bus)	Total	658	-	100%	5.434E-03	3.474E-04	-	-
	SE101	10	129	100%	8.258E-05	5.279E-06	6.395E-07	4.088E-08
	SE102	78	1206	100%	6.441E-04	4.118E-05	5.343E-07	3.415E-08
	SE103	46	479	100%	3.799E-04	2.428E-05	7.937E-07	5.074E-08
	SE104	52	625	100%	4.294E-04	2.745E-05	6.873E-07	4.394E-08
	SE105	36	499	100%	2.973E-04	1.900E-05	5.958E-07	3.808E-08
	SE106	34	415	100%	2.808E-04	1.795E-05	6.763E-07	4.323E-08
	SE107	23	303	100%	1.899E-04	1.214E-05	6.271E-07	4.009E-08
	SE108	5	82	100%	4.129E-05	2.639E-06	5.014E-07	3.205E-08
	SE109	6	85	100%	4.955E-05	3.167E-06	5.862E-07	3.747E-08
	SE110	7	106	100%	5.781E-05	3.695E-06	5.465E-07	3.494E-08
	SE111	5	83	100%	4.129E-05	2.639E-06	5.005E-07	3.199E-08
	SE112	6	86	30%	1.486E-05	9.502E-07	1.722E-07	1.101E-08
	SE113	6	97	30%	1.486E-05	9.502E-07	1.529E-07	9.771E-09
	SE114	6	94	30%	1.486E-05	9.502E-07	1.581E-07	1.011E-08
	SE115	32	418	30%	7.928E-05	5.068E-06	1.896E-07	1.212E-08
	SE116	19	207	30%	4.707E-05	3.009E-06	2.277E-07	1.456E-08
	SE117	31	354	30%	7.680E-05	4.909E-06	2.172E-07	1.389E-08
	SE118	17	215	30%	4.212E-05	2.692E-06	1.955E-07	1.250E-08
	SE119	51	701	30%	1.263E-04	8.077E-06	1.802E-07	1.152E-08
	SE120	13	148	30%	3.221E-05	2.059E-06	2.171E-07	1.387E-08
	SE121	18	203	30%	4.459E-05	2.851E-06	2.198E-07	1.405E-08
	SE122	40	453	30%	9.910E-05	6.335E-06	2.186E-07	1.397E-08
	SE123	74	876	30%	1.833E-04	1.172E-05	2.093E-07	1.338E-08
	SE124	43	536	30%	1.065E-04	6.810E-06	1.987E-07	1.270E-08
	SE131	13	155	70%	7.515E-05	4.804E-06	4.862E-07	3.108E-08
	SE132	32	366	70%	1.850E-04	1.182E-05	5.050E-07	3.228E-08
	SE133	19	214	70%	1.098E-04	7.021E-06	5.127E-07	3.277E-08
	SE134	9	101	70%	5.203E-05	3.326E-06	5.175E-07	3.308E-08
	SE135	28	320	70%	1.619E-04	1.035E-05	5.050E-07	3.228E-08
	SE136	29	322	70%	1.676E-04	1.072E-05	5.212E-07	3.331E-08
	SE137	110	1277	70%	6.359E-04	4.065E-05	4.979E-07	3.183E-08
	SE138	34	404	70%	1.965E-04	1.256E-05	4.868E-07	3.112E-08
	SE139	25	309	70%	1.445E-04	9.238E-06	4.671E-07	2.986E-08
	SE140	23	295	70%	1.330E-04	8.499E-06	4.506E-07	2.880E-08
	SE141	18	240	70%	1.041E-04	6.651E-06	4.334E-07	2.771E-08
	SE142	16	206	70%	9.249E-05	5.912E-06	4.487E-07	2.869E-08
Jumbo Plaza (ID: 26)	Total	597	-	100%	3.282E-03	5.570E-04	-	-
	SE201	6	68	100%	3.299E-05	5.598E-06	4.863E-07	8.253E-08
	SE202	23	245	15%	1.897E-05	3.219E-06	7.757E-08	1.316E-08
	SE203	22	223	15%	1.814E-05	3.079E-06	8.143E-08	1.382E-08
	SE204	15	158	15%	1.237E-05	2.099E-06	7.805E-08	1.325E-08
	SE205	16	191	15%	1.319E-05	2.239E-06	6.906E-08	1.172E-08
	SE206	13	160	15%	1.072E-05	1.819E-06	6.686E-08	1.135E-08
	SE207	26	307	15%	2.144E-05	3.639E-06	6.995E-08	1.187E-08
	SE208	14	159	15%	1.155E-05	1.959E-06	7.252E-08	1.231E-08
	SE209	55	617	15%	4.536E-05	7.697E-06	7.352E-08	1.248E-08
	SE210	69	714	15%	5.690E-05	9.657E-06	7.965E-08	1.352E-08
	SE211	39	520	15%	3.216E-05	5.458E-06	6.183E-08	1.049E-08
	SE212	44	580	15%	3.629E-05	6.158E-06	6.257E-08	1.062E-08
	SE213	142	2027	15%	1.171E-04	1.987E-05	5.778E-08	9.806E-09
	SE214	113	1619	15%	9.319E-05	1.581E-05	5.754E-08	9.765E-09
	SE221	5	52	85%	2.337E-05	3.965E-06	4.464E-07	7.576E-08
	SE222	24	277	85%	1.122E-04	1.903E-05	4.048E-07	6.870E-08
	SE223	53	593	85%	2.477E-04	4.203E-05	4.174E-07	7.083E-08
	SE224	7	91	85%	3.271E-05	5.551E-06	3.595E-07	6.101E-08
	SE225	9	117	85%	4.206E-05	7.138E-06	3.581E-07	6.077E-08
	SE226	29	317	85%	1.355E-04	2.300E-05	4.275E-07	7.254E-08
	SE227	25	294	85%	1.168E-04	1.983E-05	3.978E-07	6.751E-08
	SE228	7	113	85%	3.271E-05	5.551E-06	2.904E-07	4.929E-08
	SE229	48	602	85%	2.243E-04	3.807E-05	3.729E-07	6.328E-08
	SE230	37	464	85%	1.729E-04	2.934E-05	3.723E-07	6.319E-08
	SE231	70	880	85%	3.271E-04	5.551E-05	3.718E-07	6.309E-08
	SE232	51	638	85%	2.383E-04	4.045E-05	3.735E-07	6.339E-08
	SE233	33	492	85%	1.542E-04	2.617E-05	3.132E-07	5.316E-08
	SE234	34	572	85%	1.589E-04	2.696E-05	2.777E-07	4.713E-08
	SE235	18	299	85%	8.412E-05	1.428E-05	2.812E-07	4.772E-08
	SE236	29	490	85%	1.355E-04	2.300E-05	2.766E-07	4.694E-08
	SE237	23	386	5%	6.323E-06	1.073E-06	1.636E-08	2.777E-09
	SE238	29	392	5%	7.972E-06	1.353E-06	2.033E-08	3.450E-09
	SE239	22	267	5%	6.048E-06	1.026E-06	2.268E-08	3.848E-09
	SE240	38	508	5%	1.045E-05	1.773E-06	2.054E-08	3.486E-09
	SE251	15	212	80%	6.597E-05	1.120E-05	3.117E-07	5.290E-08
	SE252	69	946	80%	3.035E-04	5.150E-05	3.209E-07	5.446E-08
	SE253	28	363	80%	1.232E-04	2.090E-05	3.388E-07	5.750E-08

Calculation of Iding Emission Factor

FBDD

NO/NO_2 Ratio [1] = 19.75 From EMFAC

	Population	Idling Emission Factor				Mass Factor [13]	AC Factor [7]	Average Idling Emission Factor (g/min)							
		Cold Idling		Hot Idling				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/hr) [4]	NOx (g/hr) [11]	PM (g/hr) [12]			NOx	NO	NO_2	PM [8]	NOx	NO	NO_2	PM [8]
Euro VI	27%	0.0225	0.01	1.75	0.01	1.2	1.3	7.087E+00	6.746E+00	3.416E-01	1.973E-03	2.343E-01	2.230E-01	1.129E-02	1.973E-03
Euro V	73%	0.1535	0.10	11.71	0.10										
Euro IV	0%	0.1535	0.20	7.51	0.20										

HGV7 (<15t)

NO/NO_2 Ratio [1] = 2.28 From EMFAC

	Population	Idling Emission Factor				Mass Factor [13]	AC Factor [7]	Average Emission Factor (g/min)							
		Cold Idling		Hot Idling (HGV)				Cold Idling				Hot Idling			
	%	NOx (g/s) [2] [16]	PM (g/hr) [4]	NOx (g/hr) [11]	PM (g/hr) [12]			NOx	NO	NO_2	PM [8]	NOx	NO	NO_2	PM [8]
Euro VI	54%	0.0059	0.01	1.75	0.01	0.9	1.3	3.540E-01	2.462E-01	1.079E-01	1.006E-03	1.239E-01	8.614E-02	3.775E-02	1.006E-03
Euro V	46%	0.0059	0.10	11.71	0.10										
Euro IV	0%	0.0144	0.20	7.51	0.20										

HGV8 (15-24t)

NO/NO_2 Ratio [1] = 3.92 From EMFAC

	Population	Idling Emission Factor				Mass Factor [13]	AC Factor [7]	Average Emission Factor (g/min)							
		Cold Idling		Hot Idling (HGV)				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/hr) [4]	NOx (g/hr) [11]	PM (g/hr) [12]			NOx	NO	NO_2	PM [8]	NOx	NO	NO_2	PM [8]
Euro VI	61%	0.0037	0.01	1.75	0.01	1.0	1.3	6.693E-01	5.332E-01	1.362E-01	9.702E-04	1.213E-01	9.661E-02	2.467E-02	9.702E-04
Euro V	39%	0.0230	0.10	11.71	0.10										
Euro IV	0%	0.0144	0.20	7.51	0.20										

HGV9 (>24t)

NO/NO_2 Ratio [1] = 4.45 From EMFAC

	Population	Idling Emission Factor				Mass Factor [13]	AC Factor [7]	Average Emission Factor (g/min)							
		Cold Idling		Hot Idling (HGV)				Cold Idling				Hot Idling			
	%	NOx (g/s) [2]	PM (g/hr) [4]	NOx (g/hr) [11]	PM (g/hr) [12]			NOx	NO	NO_2	PM [8]	NOx	NO	NO_2	PM [8]
Euro VI	52%	0.0037	0.01	1.75	0.01	1.2	1.3	7.802E-01	6.370E-01	1.432E-01	1.389E-03	1.703E-01	1.391E-01	3.126E-02	1.389E-03
Euro V	48%	0.0230	0.10	11.71	0.10										
Euro IV	0%	0.0144	0.20	7.51	0.20										

Remarks

[1] NO/NO_2 ratio, at the respective running speed, was calculated based on emisison factors extracted from EMFAC-HK.

[2] NOx cold idling emission factors was referenced to *Calculation of Start Emissions in Air Quality Impact Assessment* published by EPD.

[4] Due to the lack of information, RSP cold idling emission factor was referenced to the corresponding hot idling emission factor.

[7] Reference made to the approved *Liantang / Heung Yuen Wai Boundary Control Point and Associated Works EIA Report* .

[8] All TSP (PM) emissions were assumed for RSP and FSP as a conservative approach.

[11] Reference made to Table 45 of VEADV.

[12] Reference made to Table 46 of VEADV.

[13] Reference made to Table 27 of VEADV.

[16] Due to the lack of information, NOx cold idling emission factor for Euro IV HGV7 was referenced to that of Euro IV HGV8.

Choi Yuen Estate Bus Terminus (ID: PTI1)

Starting Emission

	Starting Emission Factor (g/trip)																	
NO	7.249E-01	1.305E+00	1.740E+00	2.465E+00	3.045E+00	4.060E+00	5.944E+00	7.394E+00	1.087E+01	1.421E+01	1.595E+01	1.885E+01	2.073E+01	2.175E+01	2.233E+01	2.291E+01	2.320E+01	2.320E+01
NO_2	4.520E-02	8.140E-02	1.086E-01	1.538E-01	1.900E-01	2.533E-01	3.709E-01	4.614E-01	6.785E-01	8.866E-01	9.952E-01	1.176E+00	1.294E+00	1.357E+00	1.393E+00	1.429E+00	1.448E+00	1.448E+00
RSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
FSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TSP																		

Hour	**No. of Cold Starts of Double-Deck Franchised Bus**																	
Sitting Time (min)	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	4	0	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	1	4	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
0900 - 1000	1	2	4	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	4	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1100 - 1200	2	1	5	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	4	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	1	8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1500 - 1600	0	2	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	1	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	2	3	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1800 - 1900	0	1	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	2	6	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2000 - 2100	1	0	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	6	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2200 - 2300	1	1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	2	1	5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Starting Emission (g)				
NO	**NO_2**	**RSP**	**FSP**	**TSP**
22	1	0	0	
5	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
3	0	0	0	
14	1	0	0	
11	1	0	0	
22	1	0	0	
23	1	0	0	
27	2	0	0	
29	2	0	0	
14	1	0	0	
19	1	0	0	
26	2	0	0	
23	1	0	0	
20	1	0	0	
33	2	0	0	
18	1	0	0	
31	2	0	0	
18	1	0	0	
25	2	0	0	
19	1	0	0	
20	1	0	0	

Remark:

[1] Number of cold starts were derived based on on-site observations at the PTIs and operators' published schedules, while sitting time were obtained based on on-site observations at PTIs.

Choi Yuen Estate Bus Terminus (ID: PTI1)

Idling Emission

Idling Time for Terminating Buses =	2	min
Max. Idling Time for Adjusting Starting Emission =	1	min

Hour	Double-Deck Franchised Bus										
	Frequency	Cold Idling Emission Factor (g/min)					Cold Idling Emission (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0800 - 0900	1	6.746E+00	3.416E-01	1.973E-03	1.973E-03		1.349E+01	6.832E-01	3.946E-03	3.946E-03	
0900 - 1000	1	6.746E+00	3.416E-01	1.973E-03	1.973E-03		1.349E+01	6.832E-01	3.946E-03	3.946E-03	
1000 - 1100	2	6.746E+00	3.416E-01	1.973E-03	1.973E-03		2.698E+01	1.366E+00	7.892E-03	7.892E-03	
1100 - 1200	2	6.746E+00	3.416E-01	1.973E-03	1.973E-03		2.698E+01	1.366E+00	7.892E-03	7.892E-03	
1200 - 1300	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1300 - 1400	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1400 - 1500	1	6.746E+00	3.416E-01	1.973E-03	1.973E-03		1.349E+01	6.832E-01	3.946E-03	3.946E-03	
1500 - 1600	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1600 - 1700	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1700 - 1800	2	6.746E+00	3.416E-01	1.973E-03	1.973E-03		2.698E+01	1.366E+00	7.892E-03	7.892E-03	
1800 - 1900	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1900 - 2000	2	6.746E+00	3.416E-01	1.973E-03	1.973E-03		2.698E+01	1.366E+00	7.892E-03	7.892E-03	
2000 - 2100	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	1	6.746E+00	3.416E-01	1.973E-03	1.973E-03		1.349E+01	6.832E-01	3.946E-03	3.946E-03	
2200 - 2300	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0	6.746E+00	3.416E-01	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Hour	Double-Deck Franchised Bus										
	Frequency	Hot Idling Emission Factor (g/min)					Hot Idling Emission (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	11	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.907E+00	2.485E-01	4.340E-02	4.340E-02	
0100 - 0200	4	2.230E-01	1.129E-02	1.973E-03	1.973E-03		1.784E+00	9.035E-02	1.578E-02	1.578E-02	
0200 - 0300	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	2	2.230E-01	1.129E-02	1.973E-03	1.973E-03		8.921E-01	4.517E-02	7.892E-03	7.892E-03	
0600 - 0700	10	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.460E+00	2.259E-01	3.946E-02	3.946E-02	
0700 - 0800	8	2.230E-01	1.129E-02	1.973E-03	1.973E-03		3.568E+00	1.807E-01	3.157E-02	3.157E-02	
0800 - 0900	10	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.460E+00	2.259E-01	3.946E-02	3.946E-02	
0900 - 1000	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
1000 - 1100	8	2.230E-01	1.129E-02	1.973E-03	1.973E-03		3.568E+00	1.807E-01	3.157E-02	3.157E-02	
1100 - 1200	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
1200 - 1300	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
1300 - 1400	11	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.907E+00	2.485E-01	4.340E-02	4.340E-02	
1400 - 1500	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
1500 - 1600	12	2.230E-01	1.129E-02	1.973E-03	1.973E-03		5.353E+00	2.710E-01	4.735E-02	4.735E-02	
1600 - 1700	11	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.907E+00	2.485E-01	4.340E-02	4.340E-02	
1700 - 1800	8	2.230E-01	1.129E-02	1.973E-03	1.973E-03		3.568E+00	1.807E-01	3.157E-02	3.157E-02	
1800 - 1900	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
1900 - 2000	8	2.230E-01	1.129E-02	1.973E-03	1.973E-03		3.568E+00	1.807E-01	3.157E-02	3.157E-02	
2000 - 2100	10	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.460E+00	2.259E-01	3.946E-02	3.946E-02	
2100 - 2200	9	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.014E+00	2.033E-01	3.551E-02	3.551E-02	
2200 - 2300	10	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.460E+00	2.259E-01	3.946E-02	3.946E-02	
2300 - 2400	11	2.230E-01	1.129E-02	1.973E-03	1.973E-03		4.907E+00	2.485E-01	4.340E-02	4.340E-02	

Average Distance from Starting Place to PTI Egress =	42	m
Average Spread Distance outside PTI =	658	m

Hour	Idling Emission (g)					Emission for Adjusting Starting Emission (g)				
	NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	4.907E+00	2.485E-01	4.340E-02	4.340E-02		2.453E+00	1.242E-01	2.170E-02	2.170E-02	
0100 - 0200	1.784E+00	9.035E-02	1.578E-02	1.578E-02		8.921E-01	4.517E-02	7.892E-03	7.892E-03	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	8.921E-01	4.517E-02	7.892E-03	7.892E-03		4.460E-01	2.259E-02	3.946E-03	3.946E-03	
0600 - 0700	4.460E+00	2.259E-01	3.946E-02	3.946E-02		2.230E+00	1.129E-01	1.973E-02	1.973E-02	
0700 - 0800	3.568E+00	1.807E-01	3.157E-02	3.157E-02		1.784E+00	9.035E-02	1.578E-02	1.578E-02	
0800 - 0900	1.795E+01	9.090E-01	4.340E-02	4.340E-02		8.976E+00	4.545E-01	2.170E-02	2.170E-02	
0900 - 1000	1.751E+01	8.865E-01	3.946E-02	3.946E-02		8.753E+00	4.432E-01	1.973E-02	1.973E-02	
1000 - 1100	3.055E+01	1.547E+00	3.946E-02	3.946E-02		1.528E+01	7.735E-01	1.973E-02	1.973E-02	
1100 - 1200	3.100E+01	1.570E+00	4.340E-02	4.340E-02		1.550E+01	7.848E-01	2.170E-02	2.170E-02	
1200 - 1300	4.014E+00	2.033E-01	3.551E-02	3.551E-02		2.007E+00	1.016E-01	1.776E-02	1.776E-02	
1300 - 1400	4.907E+00	2.485E-01	4.340E-02	4.340E-02		2.453E+00	1.242E-01	2.170E-02	2.170E-02	
1400 - 1500	1.751E+01	8.865E-01	3.946E-02	3.946E-02		8.753E+00	4.432E-01	1.973E-02	1.973E-02	
1500 - 1600	5.353E+00	2.710E-01	4.735E-02	4.735E-02		2.676E+00	1.355E-01	2.368E-02	2.368E-02	
1600 - 1700	4.907E+00	2.485E-01	4.340E-02	4.340E-02		2.453E+00	1.242E-01	2.170E-02	2.170E-02	
1700 - 1800	3.055E+01	1.547E+00	3.946E-02	3.946E-02		1.528E+01	7.735E-01	1.973E-02	1.973E-02	
1800 - 1900	4.014E+00	2.033E-01	3.551E-02	3.551E-02		2.007E+00	1.016E-01	1.776E-02	1.776E-02	
1900 - 2000	3.055E+01	1.547E+00	3.946E-02	3.946E-02		1.528E+01	7.735E-01	1.973E-02	1.973E-02	
2000 - 2100	4.460E+00	2.259E-01	3.946E-02	3.946E-02		2.230E+00	1.129E-01	1.973E-02	1.973E-02	
2100 - 2200	1.751E+01	8.865E-01	3.946E-02	3.946E-02		8.753E+00	4.432E-01	1.973E-02	1.973E-02	
2200 - 2300	4.460E+00	2.259E-01	3.946E-02	3.946E-02		2.230E+00	1.129E-01	1.973E-02	1.973E-02	
2300 - 2400	4.907E+00	2.485E-01	4.340E-02	4.340E-02		2.453E+00	1.242E-01	2.170E-02	2.170E-02	

Hour	Adjusted Starting Emission Within PTI (g)					Adjusted Starting Emission Outside PTI (g)				
	NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	1.149E+00	7.342E-02	0.000E+00	0.000E+00		1.800E+01	1.150E+00	0.000E+00	0.000E+00	
0100 - 0200	2.596E-01	1.683E-02	0.000E+00	0.000E+00		4.068E+00	2.636E-01	0.000E+00	0.000E+00	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	1.298E-01	8.413E-03	0.000E+00	0.000E+00		2.034E+00	1.318E-01	0.000E+00	0.000E+00	
0600 - 0700	7.013E-01	4.533E-02	0.000E+00	0.000E+00		1.099E+01	7.101E-01	0.000E+00	0.000E+00	
0700 - 0800	5.541E-01	3.584E-02	0.000E+00	0.000E+00		8.680E+00	5.614E-01	0.000E+00	0.000E+00	
0800 - 0900	7.837E-01	5.524E-02	0.000E+00	0.000E+00		1.228E+01	8.654E-01	0.000E+00	0.000E+00	
0900 - 1000	8.318E-01	5.809E-02	0.000E+00	0.000E+00		1.303E+01	9.101E-01	0.000E+00	0.000E+00	
1000 - 1100	7.014E-01	5.456E-02	0.000E+00	0.000E+00		1.099E+01	8.547E-01	0.000E+00	0.000E+00	
1100 - 1200	7.924E-01	6.039E-02	0.000E+00	0.000E+00		1.241E+01	9.462E-01	0.000E+00	0.000E+00	
1200 - 1300	7.147E-01	4.602E-02	0.000E+00	0.000E+00		1.120E+01	7.209E-01	0.000E+00	0.000E+00	
1300 - 1400	9.837E-01	6.312E-02	0.000E+00	0.000E+00		1.541E+01	9.889E-01	0.000E+00	0.000E+00	
1400 - 1500	1.041E+00	7.113E-02	0.000E+00	0.000E+00		1.630E+01	1.114E+00	0.000E+00	0.000E+00	
1500 - 1600	1.249E+00	7.982E-02	0.000E+00	0.000E+00		1.956E+01	1.250E+00	0.000E+00	0.000E+00	
1600 - 1700	1.062E+00	6.801E-02	0.000E+00	0.000E+00		1.664E+01	1.066E+00	0.000E+00	0.000E+00	
1700 - 1800	1.093E+00	7.898E-02	0.000E+00	0.000E+00		1.712E+01	1.237E+00	0.000E+00	0.000E+00	
1800 - 1900	9.582E-01	6.122E-02	0.000E+00	0.000E+00		1.501E+01	9.591E-01	0.000E+00	0.000E+00	
1900 - 2000	9.624E-01	7.085E-02	0.000E+00	0.000E+00		1.508E+01	1.110E+00	0.000E+00	0.000E+00	
2000 - 2100	9.709E-01	6.218E-02	0.000E+00	0.000E+00		1.521E+01	9.741E-01	0.000E+00	0.000E+00	
2100 - 2200	9.884E-01	6.787E-02	0.000E+00	0.000E+00		1.548E+01	1.063E+00	0.000E+00	0.000E+00	
2200 - 2300	1.032E+00	6.597E-02	0.000E+00	0.000E+00		1.617E+01	1.033E+00	0.000E+00	0.000E+00	
2300 - 2400	1.053E+00	6.746E-02	0.000E+00	0.000E+00		1.650E+01	1.057E+00	0.000E+00	0.000E+00	

Hour	Starting Emission Rate Outside PTI (g/s)				
	NO	NO_2	RSP	FSP	TSP
0000 - 0100	5.000E-03	3.195E-04	0.000E+00	0.000E+00	
0100 - 0200	1.130E-03	7.322E-05	0.000E+00	0.000E+00	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	5.650E-04	3.661E-05	0.000E+00	0.000E+00	
0600 - 0700	3.052E-03	1.973E-04	0.000E+00	0.000E+00	
0700 - 0800	2.411E-03	1.559E-04	0.000E+00	0.000E+00	
0800 - 0900	3.410E-03	2.404E-04	0.000E+00	0.000E+00	
0900 - 1000	3.620E-03	2.528E-04	0.000E+00	0.000E+00	
1000 - 1100	3.053E-03	2.374E-04	0.000E+00	0.000E+00	
1100 - 1200	3.449E-03	2.628E-04	0.000E+00	0.000E+00	
1200 - 1300	3.110E-03	2.003E-04	0.000E+00	0.000E+00	
1300 - 1400	4.281E-03	2.747E-04	0.000E+00	0.000E+00	
1400 - 1500	4.528E-03	3.095E-04	0.000E+00	0.000E+00	
1500 - 1600	5.434E-03	3.474E-04	0.000E+00	0.000E+00	
1600 - 1700	4.621E-03	2.960E-04	0.000E+00	0.000E+00	
1700 - 1800	4.756E-03	3.437E-04	0.000E+00	0.000E+00	
1800 - 1900	4.170E-03	2.664E-04	0.000E+00	0.000E+00	
1900 - 2000	4.188E-03	3.083E-04	0.000E+00	0.000E+00	
2000 - 2100	4.225E-03	2.706E-04	0.000E+00	0.000E+00	
2100 - 2200	4.301E-03	2.954E-04	0.000E+00	0.000E+00	
2200 - 2300	4.490E-03	2.871E-04	0.000E+00	0.000E+00	
2300 - 2400	4.583E-03	2.936E-04	0.000E+00	0.000E+00	

Choi Yuen Estate Bus Terminus (ID: PTI1)

Running Emission

Average Travelling Distance within PTI =	84	m
Average Travelling Speed =	15	km/h

Hour	Double-Deck Franchised Bus										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission Within PTI (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	
0100 - 0200	4	8.284E+00	4.195E-01	3.256E-01	2.995E-01		2.784E+00	1.410E-01	1.094E-01	1.006E-01	
0200 - 0300	0	8.284E+00	4.195E-01	3.256E-01	2.995E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	8.284E+00	4.195E-01	3.256E-01	2.995E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	8.284E+00	4.195E-01	3.256E-01	2.995E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	2	8.284E+00	4.195E-01	3.256E-01	2.995E-01		1.392E+00	7.048E-02	5.470E-02	5.032E-02	
0600 - 0700	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
0700 - 0800	8	8.284E+00	4.195E-01	3.256E-01	2.995E-01		5.567E+00	2.819E-01	2.188E-01	2.013E-01	
0800 - 0900	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	
0900 - 1000	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
1000 - 1100	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
1100 - 1200	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	
1200 - 1300	9	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.263E+00	3.171E-01	2.462E-01	2.264E-01	
1300 - 1400	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	
1400 - 1500	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
1500 - 1600	12	8.284E+00	4.195E-01	3.256E-01	2.995E-01		8.351E+00	4.229E-01	3.282E-01	3.019E-01	
1600 - 1700	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	
1700 - 1800	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
1800 - 1900	9	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.263E+00	3.171E-01	2.462E-01	2.264E-01	
1900 - 2000	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
2000 - 2100	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
2100 - 2200	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
2200 - 2300	10	8.284E+00	4.195E-01	3.256E-01	2.995E-01		6.959E+00	3.524E-01	2.735E-01	2.516E-01	
2300 - 2400	11	8.284E+00	4.195E-01	3.256E-01	2.995E-01		7.655E+00	3.876E-01	3.009E-01	2.767E-01	

Idling Emission

Idling Time for Non-terminating Buses =	1	min

Hour	Double-Deck Franchised Bus										
	Frequency	Hot Idling Emission Factor (g/min)					Hot Idling Emission (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0800 - 0900	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0900 - 1000	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1000 - 1100	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1100 - 1200	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1200 - 1300	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1300 - 1400	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1400 - 1500	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1500 - 1600	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1600 - 1700	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1700 - 1800	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1900 - 2000	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0	2.230E-01	1.129E-02	1.973E-03	1.973E-03		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Choi Yuen Estate Bus Terminus (ID: PTI1)

Total Hourly Emission

	Emission Within PTI									
Hour	Total Emission (g) (Running + Idling + Starting)					Total Emission Rate (g/s)				
	NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	1.371E+01	7.095E-01	3.443E-01	3.201E-01		3.808E-03	1.971E-04	9.563E-05	8.893E-05	
0100 - 0200	4.827E+00	2.481E-01	1.252E-01	1.164E-01		1.341E-03	6.892E-05	3.477E-05	3.234E-05	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	2.414E+00	1.241E-01	6.259E-02	5.821E-02		6.705E-04	3.446E-05	1.739E-05	1.617E-05	
0600 - 0700	1.212E+01	6.236E-01	3.130E-01	2.910E-01		3.367E-03	1.732E-04	8.693E-05	8.084E-05	
0700 - 0800	9.689E+00	4.984E-01	2.504E-01	2.328E-01		2.692E-03	1.385E-04	6.955E-05	6.468E-05	
0800 - 0900	2.639E+01	1.352E+00	3.443E-01	3.201E-01		7.331E-03	3.755E-04	9.563E-05	8.893E-05	
0900 - 1000	2.530E+01	1.297E+00	3.130E-01	2.910E-01		7.027E-03	3.603E-04	8.693E-05	8.084E-05	
1000 - 1100	3.821E+01	1.954E+00	3.130E-01	2.910E-01		1.061E-02	5.428E-04	8.693E-05	8.084E-05	
1100 - 1200	3.944E+01	2.018E+00	3.443E-01	3.201E-01		1.096E-02	5.605E-04	9.563E-05	8.893E-05	
1200 - 1300	1.099E+01	5.664E-01	2.817E-01	2.619E-01		3.053E-03	1.573E-04	7.824E-05	7.276E-05	
1300 - 1400	1.354E+01	6.992E-01	3.443E-01	3.201E-01		3.762E-03	1.942E-04	9.563E-05	8.893E-05	
1400 - 1500	2.551E+01	1.310E+00	3.130E-01	2.910E-01		7.085E-03	3.639E-04	8.693E-05	8.084E-05	
1500 - 1600	1.495E+01	7.737E-01	3.756E-01	3.492E-01		4.153E-03	2.149E-04	1.043E-04	9.701E-05	
1600 - 1700	1.362E+01	7.041E-01	3.443E-01	3.201E-01		3.784E-03	1.956E-04	9.563E-05	8.893E-05	
1700 - 1800	3.860E+01	1.978E+00	3.130E-01	2.910E-01		1.072E-02	5.496E-04	8.693E-05	8.084E-05	
1800 - 1900	1.124E+01	5.816E-01	2.817E-01	2.619E-01		3.121E-03	1.616E-04	7.824E-05	7.276E-05	
1900 - 2000	3.847E+01	1.970E+00	3.130E-01	2.910E-01		1.069E-02	5.473E-04	8.693E-05	8.084E-05	
2000 - 2100	1.239E+01	6.404E-01	3.130E-01	2.910E-01		3.442E-03	1.779E-04	8.693E-05	8.084E-05	
2100 - 2200	2.545E+01	1.307E+00	3.130E-01	2.910E-01		7.070E-03	3.630E-04	8.693E-05	8.084E-05	
2200 - 2300	1.245E+01	6.442E-01	3.130E-01	2.910E-01		3.459E-03	1.789E-04	8.693E-05	8.084E-05	
2300 - 2400	1.361E+01	7.035E-01	3.443E-01	3.201E-01		3.782E-03	1.954E-04	9.563E-05	8.893E-05	

Jumbo Plaza (ID: 26)

Starting Emission

	Starting Emission Factor (g/trip)																	
NO	5.870E-02	1.058E-01	1.409E-01	1.998E-01	2.467E-01	3.289E-01	4.816E-01	5.992E-01	8.810E-01	1.151E+00	1.292E+00	1.527E+00	1.680E+00	1.762E+00	1.809E+00	1.856E+00	1.880E+00	1.880E+00
NO_2	2.570E-02	4.620E-02	6.170E-02	8.730E-02	1.079E-01	1.439E-01	2.107E-01	2.620E-01	3.854E-01	5.035E-01	5.652E-01	6.680E-01	7.348E-01	7.707E-01	7.913E-01	8.118E-01	8.221E-01	8.221E-01
RSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
FSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TSP																		

Hour	No. of Cold Starts of Heavy Goods Vehicle <15t																	
Sitting Time (min)	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Starting Emission (g)				
NO	**NO_2**	**RSP**	**FSP**	**TSP**
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
6	1	0	0	
8	1	0	0	
14	2	0	0	
5	1	0	0	
3	0	0	0	
5	1	0	0	
5	1	0	0	
8	1	0	0	
2	0	0	0	
4	1	0	0	
0	0	0	0	
2	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	
0	0	0	0	

	Starting Emission Factor (g/trip)																	
NO	1.616E-01	2.910E-01	3.880E-01	5.496E-01	6.789E-01	9.052E-01	1.326E+00	1.649E+00	2.425E+00	3.168E+00	3.556E+00	4.203E+00	4.623E+00	4.849E+00	4.979E+00	5.108E+00	5.173E+00	5.173E+00
NO_2	2.840E-02	5.110E-02	6.810E-02	9.650E-02	1.193E-01	1.590E-01	2.328E-01	2.896E-01	4.259E-01	5.565E-01	6.246E-01	7.382E-01	8.120E-01	8.518E-01	8.745E-01	8.972E-01	9.086E-01	9.086E-01
RSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
FSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TSP																		

Hour	No. of Cold Starts of Heavy Goods Vehicle 15-24t																	
Sitting Time (min)	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800 - 0900	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
0900 - 1000	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
1000 - 1100	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1500 - 1600	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Starting Emission Factor (g/trip)																	
NO	1.810E-01	3.258E-01	4.345E-01	6.155E-01	7.603E-01	1.014E+00	1.485E+00	1.847E+00	2.716E+00	3.548E+00	3.983E+00	4.707E+00	5.178E+00	5.431E+00	5.576E+00	5.721E+00	5.793E+00	5.793E+00
NO_2	2.530E-02	4.550E-02	6.060E-02	8.590E-02	1.061E-01	1.414E-01	2.071E-01	2.576E-01	3.788E-01	4.950E-01	5.556E-01	6.566E-01	7.223E-01	7.576E-01	7.778E-01	7.980E-01	8.081E-01	8.081E-01
RSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
FSP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TSP																		

Hour	**No. of Cold Starts of Heavy Goods Vehicle >24t**																	
Sitting Time (min)	**5**	**10**	**20**	**30**	**40**	**50**	**60**	**120**	**180**	**240**	**300**	**360**	**420**	**480**	**540**	**600**	**660**	**720**
0000 - 0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100 - 0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200 - 0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300 - 0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400 - 0500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500 - 0600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600 - 0700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0700 - 0800	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0800 - 0900	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0900 - 1000	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1000 - 1100	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
1100 - 1200	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1200 - 1300	0	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
1300 - 1400	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
1400 - 1500	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
1500 - 1600	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1600 - 1700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700 - 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800 - 1900	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
1900 - 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100 - 2200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200 - 2300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300 - 2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Remarks:

[1] Number of cold starts and sitting time were derived based on on-site observations.

Jumbo Plaza (ID: 26)

Average Distance from Starting Place to Parking Site Egress =	103	m
Average Spread Distance outside Parking Site =	597	m

Hour	**Idling Emission (g)**					**Emission for Adjusting Starting Emission (g)**					**Adjusted Starting Emission Within Parking Site (g)**					**Adjusted Starting Emission Outside Parking Site (g)**					**Starting Emission Rate Outside Parking Site (g/s)**				
	NO	**NO_2**	**RSP**	**FSP**	**TSP**	**NO**	**NO_2**	**RSP**	**FSP**	**TSP**	**NO**	**NO_2**	**RSP**	**FSP**	**TSP**	**NO**	**NO_2**	**RSP**	**FSP**	**TSP**	**NO**	**NO_2**	**RSP**	**FSP**	**TSP**
0000 - 0100	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		8.791E-01	1.226E-01	0.000E+00	0.000E+00		5.095E+00	7.108E-01	0.000E+00	0.000E+00		1.415E-03	1.974E-04	0.000E+00	0.000E+00	
0800 - 0900	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.214E+00	1.808E-01	0.000E+00	0.000E+00		7.038E+00	1.048E+00	0.000E+00	0.000E+00		1.955E-03	2.910E-04	0.000E+00	0.000E+00	
0900 - 1000	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		2.039E+00	3.460E-01	0.000E+00	0.000E+00		1.182E+01	2.005E+00	0.000E+00	0.000E+00		3.282E-03	5.570E-04	0.000E+00	0.000E+00	
1000 - 1100	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		7.470E-01	1.135E-01	0.000E+00	0.000E+00		4.330E+00	6.579E-01	0.000E+00	0.000E+00		1.203E-03	1.827E-04	0.000E+00	0.000E+00	
1100 - 1200	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		3.731E-01	5.360E-02	0.000E+00	0.000E+00		2.163E+00	3.107E-01	0.000E+00	0.000E+00		6.007E-04	8.630E-05	0.000E+00	0.000E+00	
1200 - 1300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		6.964E-01	9.922E-02	0.000E+00	0.000E+00		4.036E+00	5.751E-01	0.000E+00	0.000E+00		1.121E-03	1.597E-04	0.000E+00	0.000E+00	
1300 - 1400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		6.660E-01	9.772E-02	0.000E+00	0.000E+00		3.860E+00	5.664E-01	0.000E+00	0.000E+00		1.072E-03	1.573E-04	0.000E+00	0.000E+00	
1400 - 1500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		1.246E+00	2.013E-01	0.000E+00	0.000E+00		7.221E+00	1.167E+00	0.000E+00	0.000E+00		2.006E-03	3.241E-04	0.000E+00	0.000E+00	
1500 - 1600	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		3.199E-01	4.616E-02	0.000E+00	0.000E+00		1.854E+00	2.675E-01	0.000E+00	0.000E+00		5.150E-04	7.432E-05	0.000E+00	0.000E+00	
1600 - 1700	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		5.804E-01	1.019E-01	0.000E+00	0.000E+00		3.364E+00	5.908E-01	0.000E+00	0.000E+00		9.344E-04	1.641E-04	0.000E+00	0.000E+00	
1700 - 1800	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		2.717E-01	3.790E-02	0.000E+00	0.000E+00		1.575E+00	2.197E-01	0.000E+00	0.000E+00		4.375E-04	6.103E-05	0.000E+00	0.000E+00	
1900 - 2000	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Jumbo Plaza (ID: 26)

Running Emission - Terminating & Bypass HGVs &NFBs

Average Travelling Distance within Parking Site =	206	m
Average Travelling Speed =	15	km/h

Hour	Heavy Goods Vehicle <15t										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission Within Parking Site (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0800 - 0900	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0900 - 1000	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1000 - 1100	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1100 - 1200	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1200 - 1300	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1300 - 1400	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1400 - 1500	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1500 - 1600	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1600 - 1700	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1700 - 1800	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1900 - 2000	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0	2.096E+00	9.185E-01	7.900E-02	7.260E-02		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Average Travelling Distance within Parking Site =	206	m
Average Travelling Speed =	15	km/h

Hour	Heavy Goods Vehicle 15-24t										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission Within Parking Site (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0800 - 0900	3	3.501E+00	8.941E-01	1.811E-01	1.666E-01		2.164E+00	5.526E-01	1.119E-01	1.030E-01	
0900 - 1000	4	3.501E+00	8.941E-01	1.811E-01	1.666E-01		2.885E+00	7.367E-01	1.492E-01	1.373E-01	
1000 - 1100	3	3.501E+00	8.941E-01	1.811E-01	1.666E-01		2.164E+00	5.526E-01	1.119E-01	1.030E-01	
1100 - 1200	1	3.501E+00	8.941E-01	1.811E-01	1.666E-01		7.213E-01	1.842E-01	3.731E-02	3.432E-02	
1200 - 1300	1	3.501E+00	8.941E-01	1.811E-01	1.666E-01		7.213E-01	1.842E-01	3.731E-02	3.432E-02	
1300 - 1400	1	3.501E+00	8.941E-01	1.811E-01	1.666E-01		7.213E-01	1.842E-01	3.731E-02	3.432E-02	
1400 - 1500	1	3.501E+00	8.941E-01	1.811E-01	1.666E-01		7.213E-01	1.842E-01	3.731E-02	3.432E-02	
1500 - 1600	1	3.501E+00	8.941E-01	1.811E-01	1.666E-01		7.213E-01	1.842E-01	3.731E-02	3.432E-02	
1600 - 1700	2	3.501E+00	8.941E-01	1.811E-01	1.666E-01		1.443E+00	3.684E-01	7.461E-02	6.864E-02	
1700 - 1800	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1900 - 2000	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0	3.501E+00	8.941E-01	1.811E-01	1.666E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Average Travelling Distance within Parking Site =	206	m
Average Travelling Speed =	15	km/h

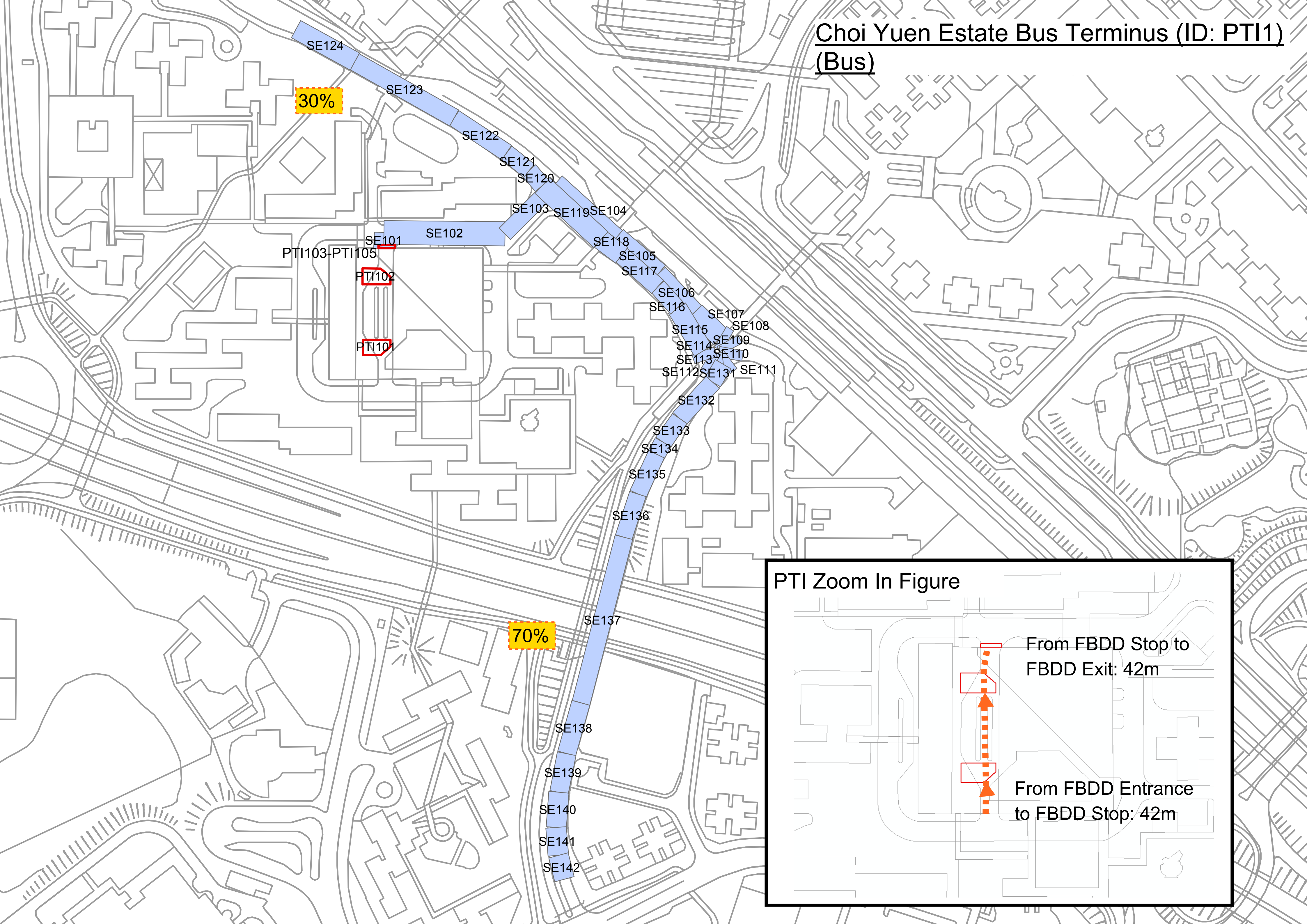
Hour	Heavy Goods Vehicle >24t										
	Frequency	Running Emission Factor (g/km·vehicle)					Running Emission Within Parking Site (g)				
		NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	2	4.278E+00	9.618E-01	2.146E-01	1.974E-01		1.762E+00	3.963E-01	8.842E-02	8.133E-02	
0800 - 0900	2	4.278E+00	9.618E-01	2.146E-01	1.974E-01		1.762E+00	3.963E-01	8.842E-02	8.133E-02	
0900 - 1000	2	4.278E+00	9.618E-01	2.146E-01	1.974E-01		1.762E+00	3.963E-01	8.842E-02	8.133E-02	
1000 - 1100	2	4.278E+00	9.618E-01	2.146E-01	1.974E-01		1.762E+00	3.963E-01	8.842E-02	8.133E-02	
1100 - 1200	3	4.278E+00	9.618E-01	2.146E-01	1.974E-01		2.644E+00	5.944E-01	1.326E-01	1.220E-01	
1200 - 1300	6	4.278E+00	9.618E-01	2.146E-01	1.974E-01		5.287E+00	1.189E+00	2.652E-01	2.440E-01	
1300 - 1400	3	4.278E+00	9.618E-01	2.146E-01	1.974E-01		2.644E+00	5.944E-01	1.326E-01	1.220E-01	
1400 - 1500	3	4.278E+00	9.618E-01	2.146E-01	1.974E-01		2.644E+00	5.944E-01	1.326E-01	1.220E-01	
1500 - 1600	3	4.278E+00	9.618E-01	2.146E-01	1.974E-01		2.644E+00	5.944E-01	1.326E-01	1.220E-01	
1600 - 1700	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1700 - 1800	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	1	4.278E+00	9.618E-01	2.146E-01	1.974E-01		8.812E-01	1.981E-01	4.421E-02	4.066E-02	
1900 - 2000	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0	4.278E+00	9.618E-01	2.146E-01	1.974E-01		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Jumbo Plaza (ID: 26)

Total Hourly Emission

	Emission Within Parking Site									
Hour	Total Emission (g) (Running + Idling + Starting)					Total Emission Rate (g/s)				
	NO	NO_2	RSP	FSP	TSP	NO	NO_2	RSP	FSP	TSP
0000 - 0100	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0100 - 0200	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0200 - 0300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0300 - 0400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0400 - 0500	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0500 - 0600	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0600 - 0700	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0700 - 0800	2.642E+00	5.189E-01	8.842E-02	8.133E-02		7.338E-04	1.441E-04	2.456E-05	2.259E-05	
0800 - 0900	5.141E+00	1.130E+00	2.003E-01	1.843E-01		1.428E-03	3.138E-04	5.565E-05	5.119E-05	
0900 - 1000	6.686E+00	1.479E+00	2.376E-01	2.186E-01		1.857E-03	4.108E-04	6.601E-05	6.072E-05	
1000 - 1100	4.673E+00	1.062E+00	2.003E-01	1.843E-01		1.298E-03	2.951E-04	5.565E-05	5.119E-05	
1100 - 1200	3.738E+00	8.322E-01	1.699E-01	1.563E-01		1.038E-03	2.312E-04	4.720E-05	4.342E-05	
1200 - 1300	6.705E+00	1.472E+00	3.026E-01	2.783E-01		1.863E-03	4.089E-04	8.404E-05	7.731E-05	
1300 - 1400	4.031E+00	8.763E-01	1.699E-01	1.563E-01		1.120E-03	2.434E-04	4.720E-05	4.342E-05	
1400 - 1500	4.611E+00	9.799E-01	1.699E-01	1.563E-01		1.281E-03	2.722E-04	4.720E-05	4.342E-05	
1500 - 1600	3.685E+00	8.247E-01	1.699E-01	1.563E-01		1.024E-03	2.291E-04	4.720E-05	4.342E-05	
1600 - 1700	2.023E+00	4.703E-01	7.461E-02	6.864E-02		5.619E-04	1.306E-04	2.073E-05	1.907E-05	
1700 - 1800	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
1800 - 1900	1.153E+00	2.360E-01	4.421E-02	4.066E-02		3.203E-04	6.557E-05	1.228E-05	1.130E-05	
1900 - 2000	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2000 - 2100	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2100 - 2200	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2200 - 2300	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	
2300 - 2400	0.000E+00	0.000E+00	0.000E+00	0.000E+00		0.000E+00	0.000E+00	0.000E+00	0.000E+00	

Choi Yuen Estate Bus Terminus (ID: PTI1) (Bus)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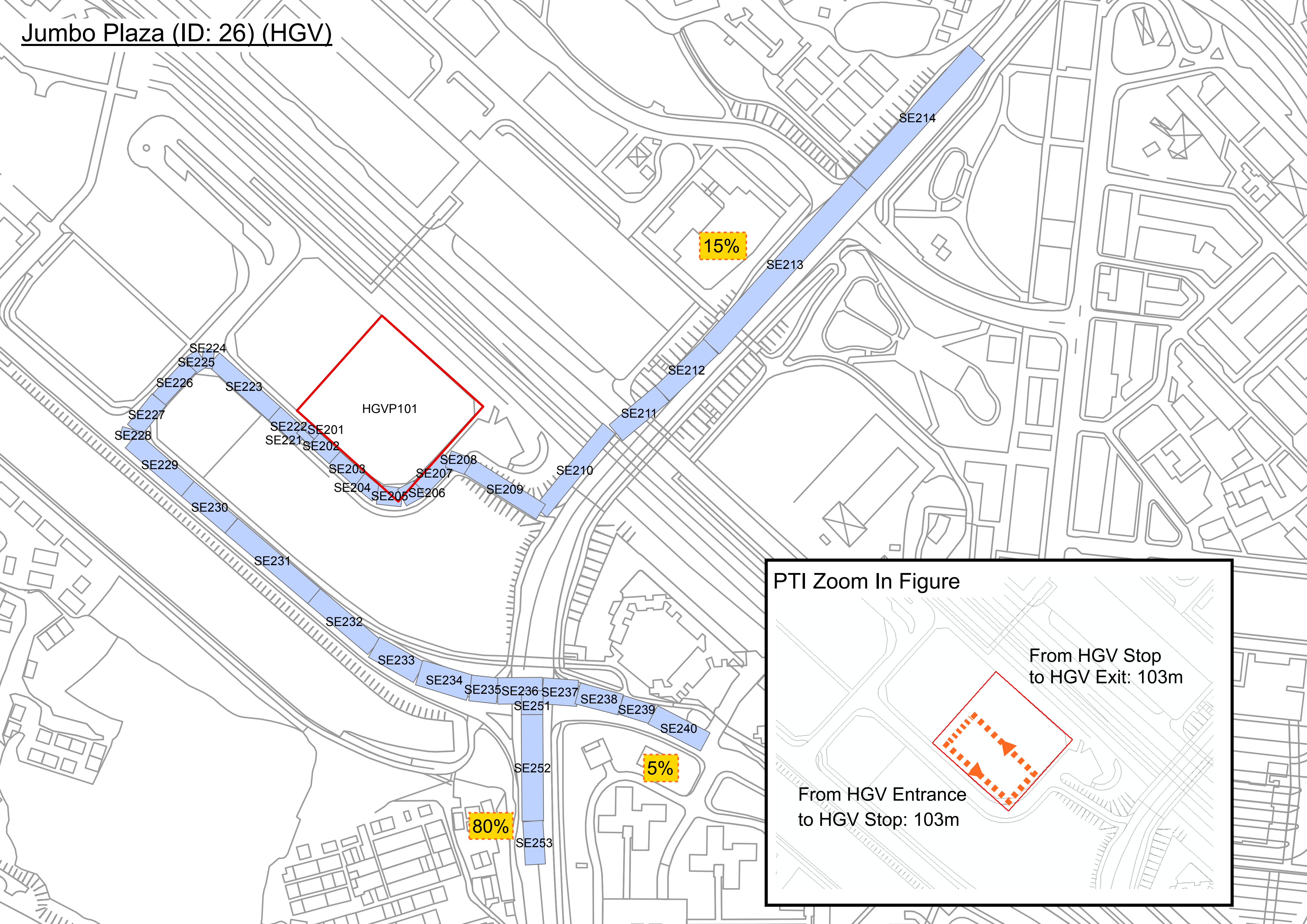
SE123
SE122
SE121
SE120
SE103
SE119
SE104
SE102
SE101
PTI103-PTI105
SE118
SE105
SE117
PTI102
SE106
SE116
SE107
SE108
SE115
SE114
SE109
SE113
SE110
PTI101
SE112
SE131
SE111
SE132
SE133
SE134
SE135
SE136
SE137
70%
SE138
SE139
SE140
SE141
SE142

PTI Zoom In Figure

From FBDD Stop to FBDD Exit: 42m

From FBDD Entrance to FBDD Stop: 42m

Jumbo Plaza (ID: 26) (HGV)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SE212
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SE210
SE224
SE225
SE226
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SE227
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SE202
SE228
SE229
SE203
SE208
SE207
SE204
SE205
SE206
SE209
SE230
SE231
SE232
SE233
SE234
SE235
SE236
SE237
SE238
SE239
SE240
SE251
SE252
5%
80%
SE253
PTI Zoom In Figure
From HGV Stop
to HGV Exit: 103m
From HGV Entrance
to HGV Stop: 103m

Technical Note

Calculation of Start Emissions in Air Quality Impact Assessment

General

For petrol vehicle, including: PC, MC, LGV3/4, PV4 & MC, all the start emissions are instantly released at the time when the engine starts. For LPG vehicle, including: Taxi, PLB & PV5 and diesel vehicle with Selective Catalytic Reduction Device (SCR), the "adjusted" start emissions are released over a longer period (e.g., 150m for LPG vehicle and 700m for diesel vehicle with SCR) after the engine starts. For details, please refer to Table 1.

Table 1 Spread Distance of Adjusted Start Emission

Vehicle Class	Fuel Type	Spread Distance of Adjusted Start Emission, Ds, (m) *
Any (with SCR)	**Diesel**	700
TAXI	**LPG**	150
PLB	**LPG**	150
PV5	**LPG**	150
PC	**Petrol**	0
LGV3/4	**Petrol**	0
PV4	**Petrol**	0
MC	**Petrol**	0

Remark (*) – the spread distance should count starting from the location where the engine starts.

Adjustment for Start Emissions

For LPG and diesel vehicle (with SCR), with idling at the beginning of the trip, please deduct the idling emission and spread out the adjusted start emissions evenly over the distance provided.

The idling emission part will be assumed to emit right on the spot. In case when the idling at the start is longer than K mins (e.g., 1 mins for FB with SCR; and 0.5 min for Taxi), only K mins of the idling will be used to adjust the start emission.

Details of K for different classes are shown in Table 2.

Table 2 Maximum Duration for adjusting start emission, "K"

Vehicle Class	Fuel Type	Maximum Duration for adjusting start emission, "K", (minutes)
Any (with SCR)	**Diesel**	1
TAXI	**LPG**	0.5
PLB	**LPG**	1
PV5	**LPG**	1
PC	**Petrol**	0
LGV3/4	**Petrol**	0
PV4	**Petrol**	0
MC	**Petrol**	0

For details, please refer to the following equations:

(1) [idling emission] = [idling EF] x [Actual Idling Duration at Start]

(2) [idling emission for the purpose of start emission adjustment] = [idling rate] x minimum(K, [Actual Idling duration at start])

(3) [Adjusted Start Emission] = maximum(0, [Start Emission] - [idling emission for the purpose of start emission adjustment])

and geographically,

(4) [adjusted start emission] ===> spread over Ds

(5) [idling emission] ===> emitted right at the spot

Idling Emission

As regards idling emissions, if spread distance, Ds, is larger than zero and soak time (duration of engine off prior to engine ignition) is longer than or equal to 4 hours for petrol/LPG vehicles or 1 hour for diesel SCR vehicles,

(6) [idling EF] = [cold idling EF]

Table of Cold Idling Emission Factors, which are based on local measurement data, is in **Annex A**

otherwise,

(7) [idling EF] = warm/hot idling rate.

Currently there is no local measurement data for warm/hot idling rate. Project proponent is advised to use data adopted by recognized international organizations. The source of reference of the adopted warm/hot idling emission factors should be provided.

Please note that according to the operation procedures specified in EPD's Practice Note for Professional Persons, **Control of Air Pollution in Semi-Confined Public Transport Interchanges Control of Air Pollution, ProPECC PN 1/98**, the operator of PTI shall instruct all drivers using the PTI to switch off the vehicle engines while waiting to minimize idling emissions. Hence, idling activities within PTI should be very small, if any, under normal circumstances. For details, please refer to: *https://www.epd.gov.hk/epd/sites/default/files/epd/english/resources_pub/publications/files/pn98_1.pdf*. For other type of parking sites, if idling activities are involved, please refer to the approach detailed in this note to estimate idling emissions and adjust start emissions accordingly.

As for running exhaust emission, it should be included in the "start-distance" of the above.

Cold Idling EF Averaging Among Technology Groups (Tech Groups)

Note also that the cold idling EF provided is by Tech Groups in **Annex A** while the start EFs in EMFAC-HK output (e.g. emfac mode) are trip-weighted-average (among Tech Groups), users are advised to calculate the trip-weighted-average among Tech Groups of the cold idling EF when applying the above methodology as an estimation.

Start Emission Factor for Diesel Vehicle with SCR

For diesel vehicle with SCR, the above calculation will be a bit more complicated because not all vehicles have SCR and the start emission factor (EF) shown in the EMFAC-HK emfac mode output is a weighted average, which could be a lot smaller than the actual start EF of a SCR vehicle.

To spread the adjusted start emission correctly for these vehicles, please use the SCR-start-EF for the calculation and take only the fraction of SCR vehicles activities into account for start emission.

In order to allocate the amount of activity to diesel SCR vehicles and derive their EFs for different years, **Annex B** which contains information on the % SCR vehicles by technology groups is required. By using this information, one may obtain the % of SCR vehicles in each class for any assessment year (with help of EMFAC-HK's detail burden output, i,e. bdn file).

For example, the default EMFAC-HK (territory-wide average) result for the year 2024 is appended in **Annex C** for reference. The SCR % in each class can help allocating the right amount of activities. Also, to obtain the SCR-start EF for a class, one may divide the weighted average start EF for diesel vehicles of that class (i.e. "DSL" column of each class in emfac mode output) by the % of SCR among diesel vehicles. More specifically, for each class,

(8) [Number of trips of SCR vehicles] = [Number of trips of total non-electric Vehicles] x [% of SCR among total non-electric Vehicles]

(9) [Start EF of SCR Vehicles] = [Start EF of Diesel Vehicles] / [% of SCR Vehicles among Diesel Vehicles]

General remark: The above methodology and parameters are subject to review when more local data are available.

- End -

Environmental Protection Department
Updated on January 2021

Annex A Cold Idling Emission Factors

Cold# Idling Emission Factors

#Cold here means soak time greater than or equal to 4 hours for petrol/LPG vehicles or 1 hour for diesel SCR vehicles.

Class	Fuel Type	Pollutant	Emission Standard	Cold# Idling Emission Factor (g/s)
Taxi	LPG	NOx	Euro 2/3	0.0057
Taxi	LPG	NOx	Euro 4	0.0035
Taxi	LPG	NOx	Euro 5	0.0028
Taxi	LPG	NOx	Euro 6	0.0028
PLB	LPG	NOx	Euro III	0.0092
PLB	LPG	NOx	Euro IV	0.0039
PLB	LPG	NOx	Euro V	0.0039
PLB	LPG	NOx	Euro VI	0.0039
Taxi	LPG	THC	Euro 2/3	0.0187
Taxi	LPG	THC	Euro 4	0.0114
Taxi	LPG	THC	Euro 5	0.012
Taxi	LPG	THC	Euro 6	0.012
PLB	LPG	THC	Euro III	0.1073
PLB	LPG	THC	Euro IV	0.0752
PLB	LPG	THC	Euro V	0.0752
PLB	LPG	THC	Euro VI	0.0752
Taxi	LPG	CO	Euro 2/3	0.0187
Taxi	LPG	CO	Euro 4	0.0114
Taxi	LPG	CO	Euro 5	0.012
Taxi	LPG	CO	Euro 6	0.012
PLB	LPG	CO	Euro III	0.1073
PLB	LPG	CO	Euro IV	0.0752
PLB	LPG	CO	Euro V	0.0752
PLB	LPG	CO	Euro VI	0.0752
FBDD	Diesel	NOx	Euro II DPF & SCR	0.0737
FBDD	Diesel	NOx	Euro III DPF & SCR	0.0737
FBDD	Diesel	NOx	Euro IV	0.1535
FBDD	Diesel	NOx	Euro V	0.1535
FBDD	Diesel	NOx	Euro VI	0.0225
HGV9	Diesel	NOx	Euro IV - SCR	0.0144
HGV9	Diesel	NOx	Euro V - SCR	0.023
HGV9	Diesel	NOx	Euro VI	0.0037
HGV8	Diesel	NOx	Euro IV - SCR	0.0144
HGV8	Diesel	NOx	Euro V - SCR	0.023
HGV8	Diesel	NOx	Euro VI	0.0037
NFB9	Diesel	NOx	Euro IV - SCR	0.0573
NFB9	Diesel	NOx	Euro V - SCR	0.0474
NFB9	Diesel	NOx	Euro VI	0.0077
NFB8	Diesel	NOx	Euro IV - SCR	0.0573
NFB8	Diesel	NOx	Euro V - SCR	0.0474
NFB8	Diesel	NOx	Euro VI	0.0077
FBSD	Diesel	NOx	Euro IV	0.0573
FBSD	Diesel	NOx	Euro V	0.0474
FBSD	Diesel	NOx	Euro VI	0.0077

Class	Fuel Type	Pollutant	Emission Standard	Cold# Idling Emission Factor (g/s)
HGV7	**Diesel**	**NOx**	**Euro V - SCR**	0.0059
HGV7	**Diesel**	**NOx**	**Euro V - DPF & SCR**	0.0059
HGV7	**Diesel**	**NOx**	**Euro VI**	0.0059
NFB7	**Diesel**	**NOx**	**Euro IV - SCR**	0.0573
NFB7	**Diesel**	**NOx**	**Euro VI**	0.0077
LGV6	**Diesel**	**NOx**	**Euro V - DPF & SCR**	0.0028
LGV6	**Diesel**	**NOx**	**Euro VI**	0.001
NFB6	**Diesel**	**NOx**	**Euro VI**	0.001
PLB	**Diesel**	**NOx**	**Euro VI**	0.001
PV5	**Diesel**	**NOx**	**Euro VI**	0.001

Annex B Tech Groups Assumed to be equipped with Selective Catalytic Reduction (SCR) in EMFAC-HK V4.3

Vehicle Class	Fuel Type	Emission Standard	Tech Group Index	% of SCR in Tech Group
FBDD	**Diesel**	**Euro II DPF & SCR Retrofitted**	228	100%
FBDD	**Diesel**	**Euro III DPF & SCR Retrofitted**	229	100%
FBDD	**Diesel**	**Euro IV**	224	100%
FBDD	**Diesel**	**Euro V**	226	100%
FBDD	**Diesel**	**Euro VI**	215	100%
HGV9	**Diesel**	**Euro IV - SCR**	257	100%
HGV9	**Diesel**	**Euro V - SCR**	259	100%
HGV9	**Diesel**	**Euro VI**	255	100%
HGV8	**Diesel**	**Euro IV - SCR**	164	100%
HGV8	**Diesel**	**Euro V - SCR**	166	100%
HGV8	**Diesel**	**Euro VI**	162	100%
NFB9	**Diesel**	**Euro IV - SCR**	243	100%
NFB9	**Diesel**	**Euro V - SCR**	245	100%
NFB9	**Diesel**	**Euro VI**	241	100%
NFB8	**Diesel**	**Euro IV - SCR**	64	100%
NFB8	**Diesel**	**Euro V - SCR**	66	100%
NFB8	**Diesel**	**Euro VI**	62	100%
FBSD	**Diesel**	**Euro V**	116	**56%**
FBSD	**Diesel**	**Euro VI**	118	100%
HGV7	**Diesel**	**Euro V - SCR**	137	100%
HGV7	**Diesel**	**Euro V - DPF & SCR**	138	100%
HGV7	**Diesel**	**Euro VI**	135	100%
NFB7	**Diesel**	**Euro IV - SCR**	93	100%
NFB7	**Diesel**	**Euro VI**	105	100%
LGV6	**Diesel**	**Euro V - DPF & SCR**	139	100%
LGV6	**Diesel**	**Euro VI**	134	100%
NFB6	**Diesel**	**Euro VI**	104	100%
PLB	**Diesel**	**Euro VI**	194	100%
PV5	**Diesel**	**Euro VI**	204	100%

Remarks: 56% of SCR for Euro V FBSD will remain the same regardless of the assessment year

Annex C EMFAC-HK V4.3 Default (Territory-wide average) % of SCR vehicles by Vehicle Class in CY2024

Class	% of SCR among total non-electric Vehicles	% of SCR Vehicles among Diesel Vehicles
FBDD	99%	99%
FBSD	44%	44%
HGV7	52%	52%
HGV8	60%	60%
HGV9	50%	50%
LGV3	0%	0%
LGV4	0%	0%
LGV6	53%	53%
MC	0%	N.A.
NFB6	38%	38%
NFB7	45%	45%
NFB8	66%	66%
NFB9	67%	67%
PC	0%	0%
PLB	34%	66%
PV4	0%	0%
PV5	32%	41%
TAXI	0%	N.A.

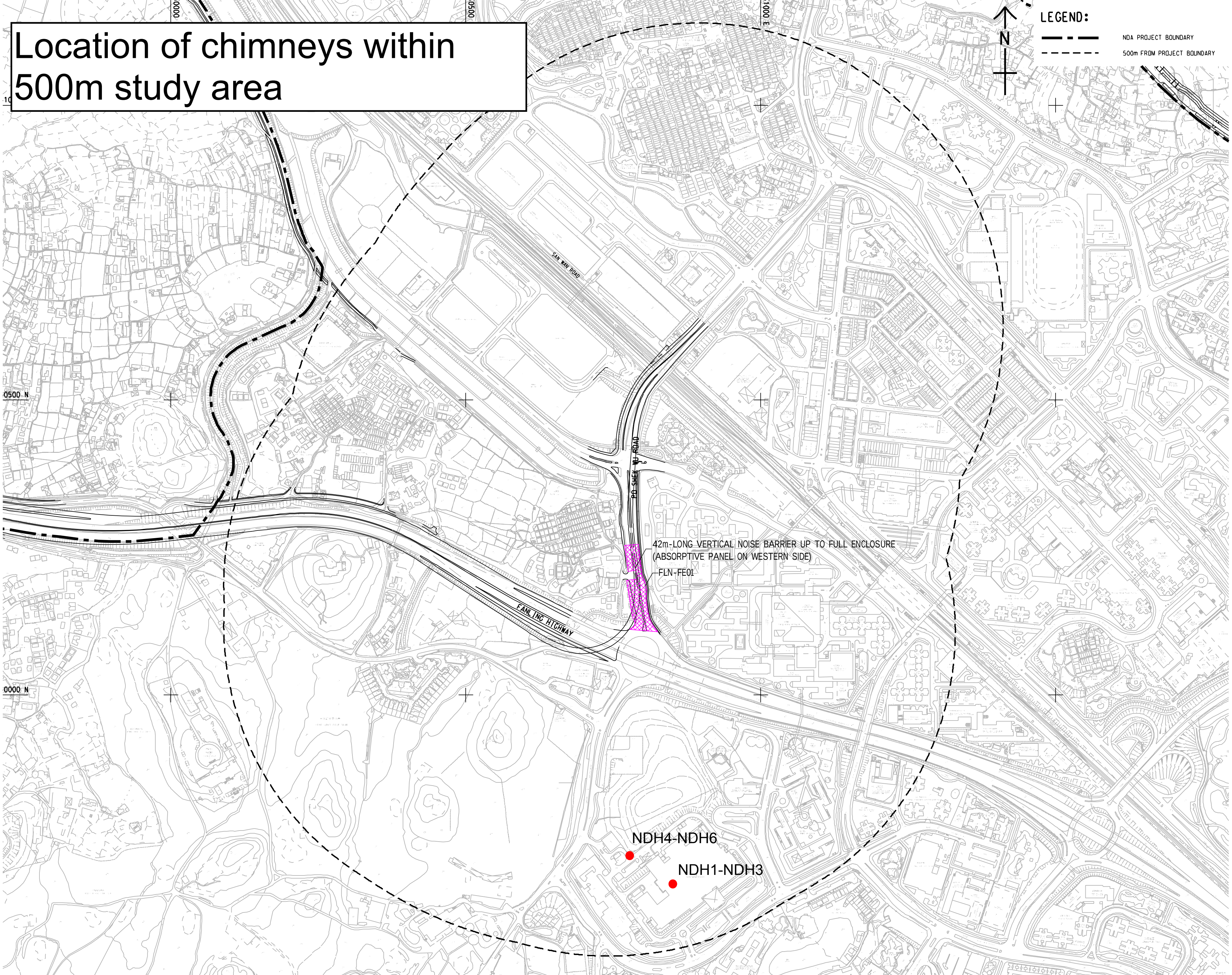
Appendix 3.7

Detailed Calculations of Industrial Emissions and Other Major Sources within 4 km

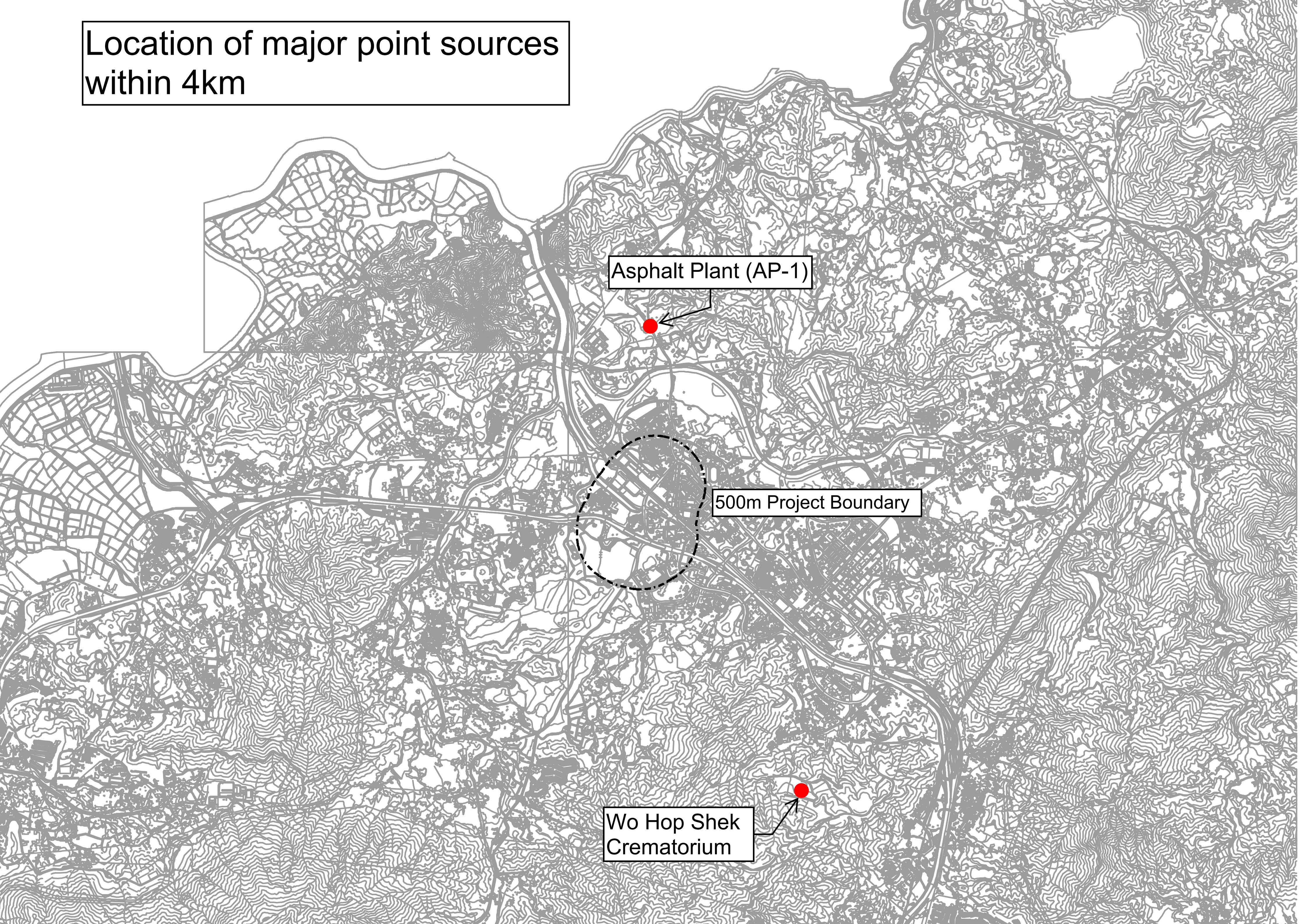
Emission Inventory for Industrial Emission Sources

Source		Type	X	Y	Stack Height	Exit Temperature	Exit Velocity	Stack Diameter	Operation Hours	NO_x	RSP	FSP	Remarks
Description	ID		(m)	(m)	(m)	(K)	(m/s)	(m)	(hr)	(g/s)	(g/s)	(g/s)	
North District Hospital	NDH1	POINT	830849.0	839680.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	Data extracted from EIA report Technical Study on Partial Development of Fanling Golf Course Site – Feasibility Study (EIA-282/2022), where all emissions rates were doubled as a conservative approach.
	NDH2	POINT	830850.0	839681.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	
	NDH3	POINT	830851.0	839682.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	
	NDH4	POINT	830778.0	839734.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	
	NDH5	POINT	830780.0	839732.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	
	NDH6	POINT	830782.0	839730.0	64.52	333	7.00	0.60	24	8.920E-02	4.700E-03	4.700E-03	
Wo Hop Shek Crematorium	WHS1	POINT	833261.4	837920.4	30.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	Referenced from the specified process (SP) license registered in March 2011 (No. A0700)
	WHS2	POINT	833261.5	837922.3	30.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS3	POINT	833263.0	837924.4	30.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS4	POINT	833263.1	837922.8	30.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS5	POINT	833263.2	837920.5	30.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS6	POINT	833266.4	837926.8	25.7	373	17.80	0.14	0900-0200	7.500E-03	8.056E-03	8.056E-03	
	WHS7	POINT	833268.1	837927.4	25.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS8	POINT	833268.0	837925.8	25.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
	WHS9	POINT	833267.9	837924.5	25.7	373	10.00	0.31	0900-0200	2.100E-01	2.200E-03	2.200E-03	
Asphalt Plant (AP-1)	AP1	POINT	830936.8	842375.5	34	343	12.97	1.23	24	1.519E+01	4.583E-01	4.583E-01	Referenced from the specified process (SP) license registered in May 2016 (No. A0767). Only major point source emissions from the Plant is considered.
	AP2	POINT	830936.8	842375.5	28.6	293	8.60	0.24	24	-	1.167E-02	1.167E-02	

Location of chimneys within 500m study area


LEGEND:
NDA PROJECT BOUNDARY
500m FROM PROJECT BOUNDARY
N
SAN WAN ROAD
PO SHEK WU ROAD
FANLING HIGHWAY
42m-LONG VERTICAL NOISE BARRIER UP TO FULL ENCLOSURE
(ABSORPTIVE PANEL ON WESTERN SIDE)
FLN-FE01
NDH4-NDH6
NDH1-NDH3
0500 N
0000 N

Location of major point sources within 4km


Asphalt Plant (AP-1)
500m Project Boundary
Wo Hop Shek Crematorium

Appendix 3.8
Derivation of Cumulative Annual Average NOx to NO2 Conversion Equation Using Jenkin Method

Appendix 3.8 Derivation of Cumulative Annual Average NO_x to NO_2 Conversion Equation using Jenkin Method

Jenkin Method for Long-term Cumulative NO_2 Assessment

With reference to the *Review of Methods for NO to NO_2 Conversion in plumes at short ranges*[1], Jenkin method was adopted for the conversion of cumulative annual average NO_x to NO_2 by using the functional form of annual mean of NO_2-to-NOx. The mentioned functional form is referenced from Jenkin (2004)[2] and is presented below:

$$[NO_2] = \frac{\left([\mathrm{NOx}] + [\mathrm{OX}] + \frac{\mathrm{J}}{\mathrm{k}}\right) - \sqrt{([NOx] + [OX] + \frac{J}{k})^2 - 4[NOx][OX]}}{2}$$

where

$[NO_2]$	is the NO_2 concentration
$[NO_x]$	is the NOx concentration
[OX]	is the sum of NO_2 concentration and O_3 concentration (i.e. $[OX] = [NO_2] + [O_3]$)
J	is the photolysis rate of NO_2
k	is the rate coefficient for reaction between NO and O_3

The above functional form was used to analyze the annual mean data obtained from relevant EPD's air quality monitoring stations (AQMS) including North general station, Tai Po general station[3], Tap Mun general station and three roadside stations (i.e. Causeway Bay, Central and Mong Kok roadside stations). The recent five years annual mean data are extracted and presented in **Annex A**. Scattered plot for recent 5 years annual means NO_2 versus NO_x concentrations obtained from relevant AQMS was created. The functional form curve would fit the annual mean data when [OX] = 107 $\mu g/m^3$ and J/k = 16 $\mu g/m^3$. The value of [OX] and J/k are considered reasonable as they are within typical value range for Hong Kong. The range of annual average [OX] from the selected air quality monitoring stations is 80 – 116 $\mu g/m^3$. The obtained functional form curve was adopted for the cumulative annual average NO_x to NO_2 conversion. The curve is slightly higher than all the annual mean data obtained from AQMS, the calculated annual average NO_2 concentration using the obtained functional form curve based on the measured annual average NO_x obtained from AQMS are presented in **Annex A**, the calculated annual average NO_2 concentration are higher than the measured annual average NO_2 concentration, no underestimation of the annual average NO_2 concentration is expected.

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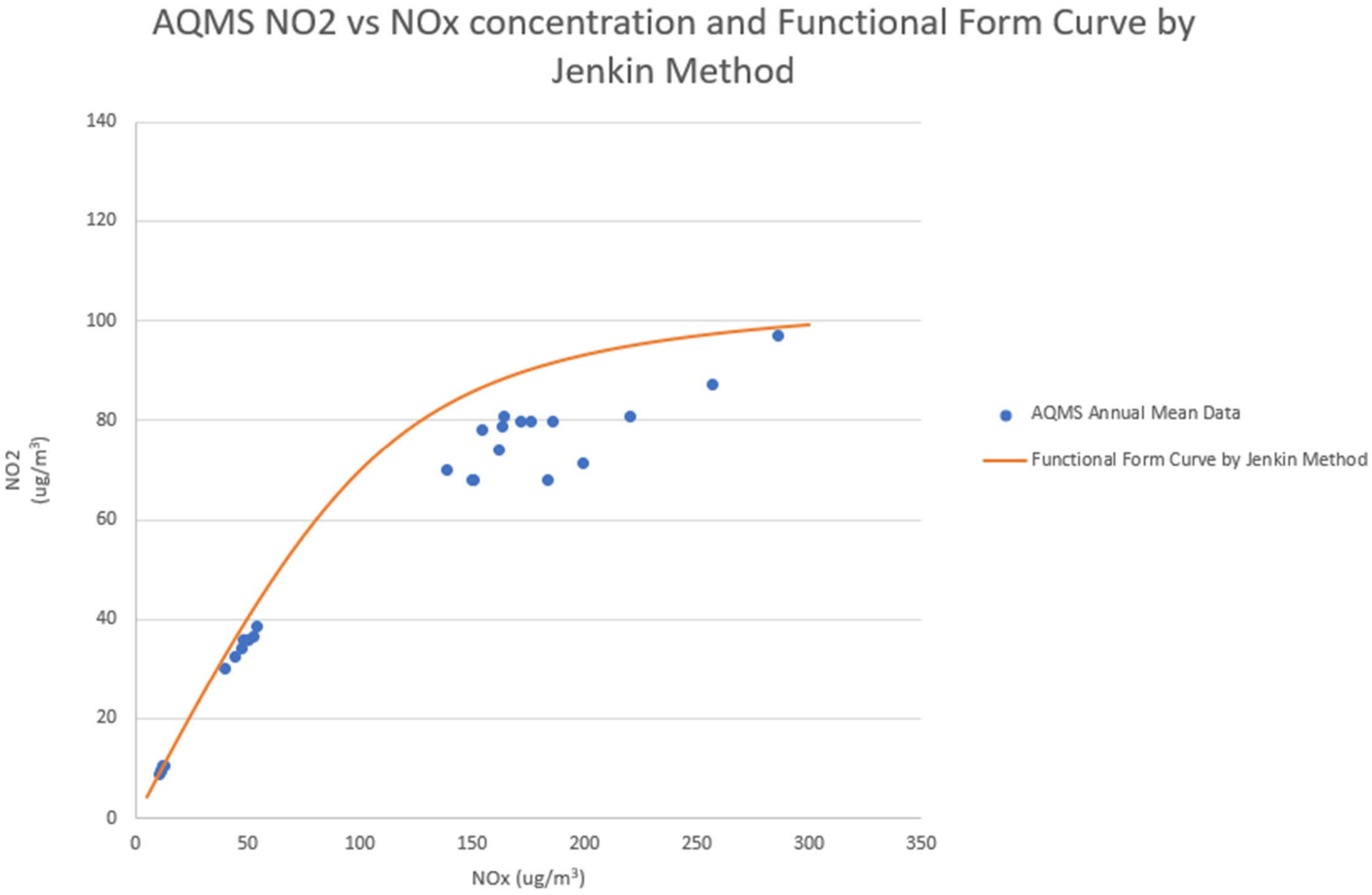
[1] Environment Agency. 2007. *Review of methods for NO to NO_2 conversion in plumes at short range*. Prepared by Environmental Agency.

[2] Jenkin, M.E. (2004). Analysis of sources and partitioning of oxidant in the UK – Part 1: The NOx-dependence of annual mean concentrations of nitrogen dioxide and ozone. *Atmospheric Environment*, *38(30)*, 5117-5129.

[3] Since air quality monitoring data for North general station is only available starting from July 2020, data from the closest general station, Tai Po Station, is also utilized in this assessment.



For long-term cumulative NO_2 assessment (i.e. predictions of annual average NO_2 concentration), cumulative annual average NO_x to NO_2 conversion equation for this assessment was calculated as follows:

$$[NO_2]_c = \frac{([NOx]_c + 107 + 16) - \sqrt{([NOx]_c + 107 + 16)^2 - 4[NOx]_c \times 107}}{2}$$

where

$[NO_2]_c$ is the predicted cumulative NO_2 concentration

$[NO_x]_c$ is the predicted cumulative NO_x concentration

Annex A

Annual Average NO_X, NO_2 and OX concentration in Recent Five Years (Year 2017 – 2021) at Selected EPD AQMS

AQMS	Year	Measured NO_x (µg/m^3)	Measured NO_2 (µg/m^3)	Measured NO_2 + O_3 (µg/m^3) Named as [OX]	Calculated NO_2 using the functional form curve based on measured NO_x (µg/m^3)
North	2017	N.A.	N.A.	N.A	N.A
	2018	N.A.	N.A.	N.A	N.A
	2019	N.A.	N.A.	N.A	N.A
	2020	48	34	91	39
	2021	51	36	93	41
Tai Po	2017	54	39	93	43
	2018	53	36	87	42
	2019	49	36	97	39
	2020	40	30	89	33
	2021	44	32	92	36
Tap Mun	2017	12	10	83	10
	2018	13	11	83	11
	2019	12	10	90	10
	2020	11	9	80	9
	2021	12	10	84	10
Causeway Bay	2017	286	97	115	99
	2018	257	87	108	97
	2019	221	81	110	95
	2020	184	68	98	91
	2021	199	71	100	93
Central	2017	176	80	106	90
	2018	186	80	105	91
	2019	172	80	116	90
	2020	151	68	103	86
	2021	150	68	100	86
Mong Kok	2017	164	81	105	88
	2018	163	79	106	88
	2019	154	78	110	87
	2020	162	74	104	88
	2021	139	70	102	83

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Appendix 3.9

Detailed Air Quality Assessment Results and Contour Maps

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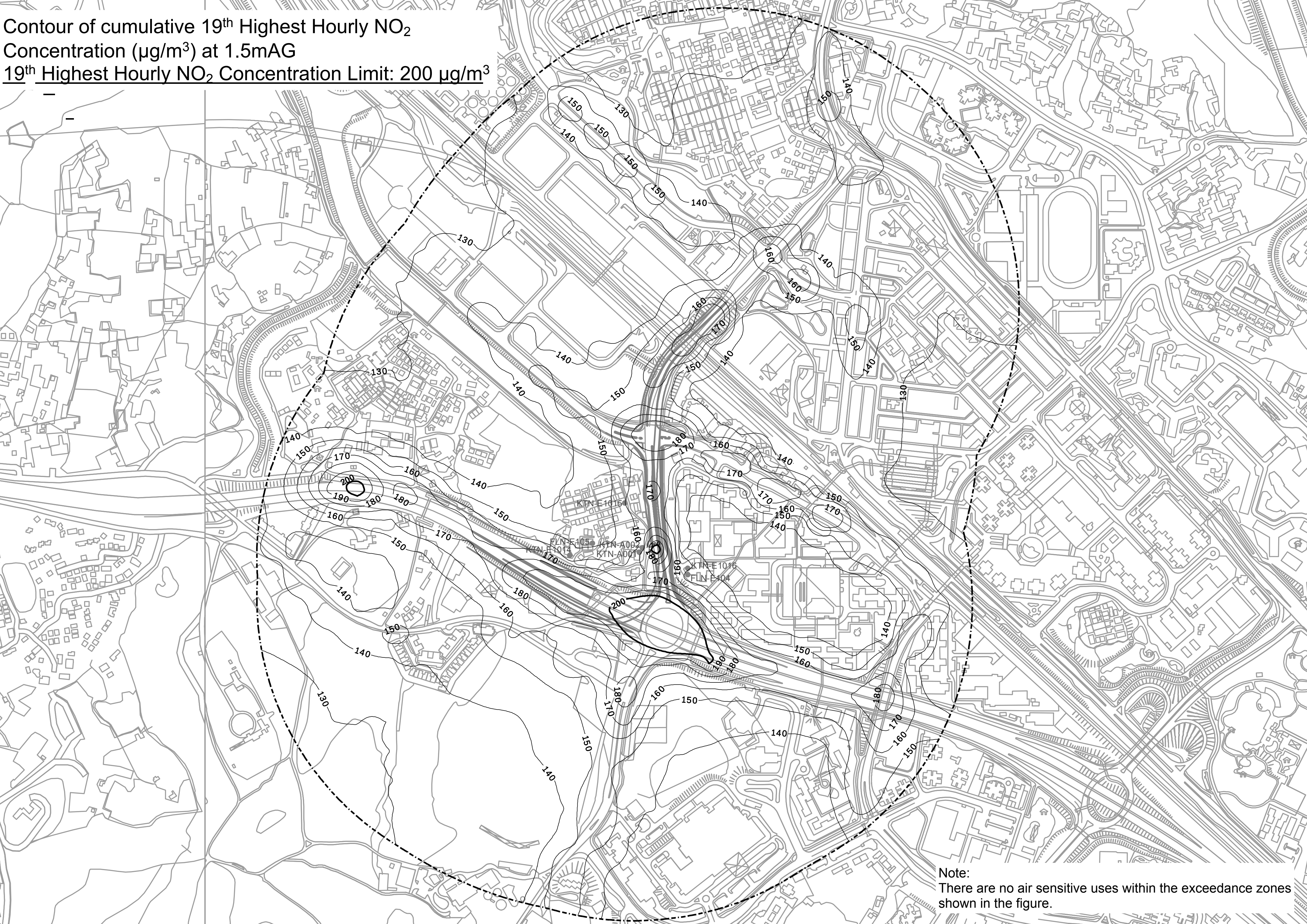
Detailed Assessment Results

ASRs and Assessment Height (mAG)		Site	Land Use	NO$_2$ Concentrations (µg/m^3)		RSP Concentrations (µg/m^3)		FSP Concentrations (µg/m^3)	
				19th Highest 1-hr Average	Annual Average	10th Highest 24-hr Average	Annual Average	10th Highest 24-hr Average	Annual Average
AQO				**200**	**40**	**100**	**50**	**75**	**35**
FLN-E104	1.5	Choi Ngan House	Residential	147.7	29.5	65.9	28.5	49.7	16.4
FLN-E104	5	Choi Ngan House	Residential	141.7	28.9	65.9	28.4	49.7	16.4
FLN-E104	10	Choi Ngan House	Residential	138.2	27.0	65.8	28.3	49.6	16.3
FLN-E104	15	Choi Ngan House	Residential	131.7	24.9	65.8	28.3	49.5	16.2
FLN-E104	20	Choi Ngan House	Residential	130.7	23.3	65.7	28.2	49.5	16.2
FLN-E104	25	Choi Ngan House	Residential	129.6	21.9	65.7	28.1	49.4	16.1
FLN-E104	30	Choi Ngan House	Residential	127.4	20.9	65.7	28.1	49.4	16.1
FLN-E104	35	Choi Ngan House	Residential	127.0	20.0	65.6	28.0	49.4	16.0
FLN-E104	40	Choi Ngan House	Residential	126.8	19.4	65.6	28.0	49.4	16.0
FLN-E104	45	Choi Ngan House	Residential	126.8	19.0	65.6	28.0	49.3	16.0
FLN-E104	50	Choi Ngan House	Residential	127.9	18.6	65.6	28.0	49.3	16.0
FLN-E104	55	Choi Ngan House	Residential	128.1	18.4	65.6	28.0	49.3	16.0
FLN-E104	60	Choi Ngan House	Residential	126.9	18.2	65.6	28.0	49.3	15.9
FLN-E104	65	Choi Ngan House	Residential	128.6	18.0	65.6	28.0	49.3	15.9
FLN-E104	70	Choi Ngan House	Residential	128.9	17.9	65.6	27.9	49.3	15.9
FLN-E104	75	Choi Ngan House	Residential	127.2	17.7	65.5	27.9	49.3	15.9
FLN-E104	80	Choi Ngan House	Residential	126.8	17.5	65.5	27.9	49.3	15.9
FLN-E104	85	Choi Ngan House	Residential	126.8	17.3	65.5	27.9	49.3	15.9
FLN-E104	90	Choi Ngan House	Residential	125.5	17.1	65.5	27.9	49.3	15.9
FLN-E104	95	Choi Ngan House	Residential	124.7	16.9	65.5	27.9	49.3	15.9
FLN-E104	100	Choi Ngan House	Residential	124.7	16.8	65.5	27.9	49.3	15.9
FLN-E104	105	Choi Ngan House	Residential	123.0	16.7	65.5	27.9	49.3	15.9
FLN-E104	110	Choi Ngan House	Residential	119.5	16.6	65.5	27.9	49.2	15.9
FLN-E105	1.5	135 Tai Tau Leng	Residential	149.2	29.6	66.2	28.5	49.9	16.4
FLN-E105	5	135 Tai Tau Leng	Residential	147.3	29.2	66.2	28.5	49.9	16.4
FLN-E105	10	135 Tai Tau Leng	Residential	141.8	28.0	66.1	28.4	49.8	16.4
KTN-A001	1.5	3 Tai Tau Leng	Residential	160.5	36.6	66.6	28.7	50.4	16.7
KTN-A001	5	3 Tai Tau Leng	Residential	158.8	35.5	66.5	28.7	50.3	16.6
KTN-A001	10	3 Tai Tau Leng	Residential	144.2	30.0	66.1	28.5	50.0	16.4
KTN-A002	1.5	Proposed Residential	Residential	168.4	39.5	66.7	28.9	50.6	16.8
KTN-A002	5	Proposed Residential	Residential	167.3	38.2	66.5	28.8	50.5	16.7
KTN-A002	10	Proposed Residential	Residential	143.7	30.6	66.1	28.5	50.0	16.4
KTN-E1014	1.5	106 Tai Tau Leng	Residential	159.5	31.2	66.1	28.6	49.9	16.6
KTN-E1014	5	106 Tai Tau Leng	Residential	157.9	30.5	66.1	28.6	49.8	16.5
KTN-E1014	10	106 Tai Tau Leng	Residential	151.4	28.8	66.1	28.5	49.8	16.4
KTN-E1015	1.5	1-2 Tai Tau Leng 5th Lane	Residential	157.1	34.2	66.6	28.6	50.3	16.6
KTN-E1015	5	1-2 Tai Tau Leng 5th Lane	Residential	155.9	33.3	66.6	28.6	50.2	16.5
KTN-E1015	10	1-2 Tai Tau Leng 5th Lane	Residential	143.1	30.2	66.4	28.5	50.0	16.4
KTN-E1016	1.5	Choi Ngan House	Residential	141.8	28.8	65.9	28.4	49.7	16.4
KTN-E1016	5	Choi Ngan House	Residential	140.6	28.3	65.9	28.4	49.7	16.4
KTN-E1016	10	Choi Ngan House	Residential	137.4	26.6	65.9	28.3	49.6	16.3
KTN-E1016	15	Choi Ngan House	Residential	131.8	24.8	65.8	28.2	49.5	16.2
KTN-E1016	20	Choi Ngan House	Residential	129.6	23.2	65.7	28.2	49.5	16.1
KTN-E1016	25	Choi Ngan House	Residential	129.6	21.9	65.7	28.1	49.4	16.1
KTN-E1016	30	Choi Ngan House	Residential	129.3	20.9	65.7	28.1	49.4	16.1
KTN-E1016	35	Choi Ngan House	Residential	127.0	20.0	65.6	28.0	49.4	16.0
KTN-E1016	40	Choi Ngan House	Residential	126.9	19.4	65.6	28.0	49.4	16.0
KTN-E1016	45	Choi Ngan House	Residential	126.8	19.0	65.6	28.0	49.3	16.0
KTN-E1016	50	Choi Ngan House	Residential	128.1	18.6	65.6	28.0	49.3	16.0
KTN-E1016	55	Choi Ngan House	Residential	127.9	18.4	65.6	28.0	49.3	16.0
KTN-E1016	60	Choi Ngan House	Residential	126.8	18.2	65.6	28.0	49.3	15.9
KTN-E1016	65	Choi Ngan House	Residential	128.3	18.0	65.6	28.0	49.3	15.9
KTN-E1016	70	Choi Ngan House	Residential	128.9	17.9	65.6	27.9	49.3	15.9
KTN-E1016	75	Choi Ngan House	Residential	127.5	17.7	65.5	27.9	49.3	15.9
KTN-E1016	80	Choi Ngan House	Residential	126.8	17.5	65.5	27.9	49.3	15.9
KTN-E1016	85	Choi Ngan House	Residential	126.8	17.3	65.5	27.9	49.3	15.9
KTN-E1016	90	Choi Ngan House	Residential	125.2	17.1	65.5	27.9	49.3	15.9
KTN-E1016	95	Choi Ngan House	Residential	124.7	16.9	65.5	27.9	49.3	15.9
KTN-E1016	100	Choi Ngan House	Residential	124.7	16.8	65.5	27.9	49.3	15.9
KTN-E1016	105	Choi Ngan House	Residential	123.0	16.7	65.5	27.9	49.3	15.9
KTN-E1016	110	Choi Ngan House	Residential	119.5	16.6	65.5	27.9	49.2	15.9

Contour of cumulative 19th Highest Hourly NO_2 Concentration (μg/m^3) at 1.5mAG

19th Highest Hourly NO_2 Concentration Limit: 200 μg/m^3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FLN-E105
KTN-E1014
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KTN-A001
KTN-E1016
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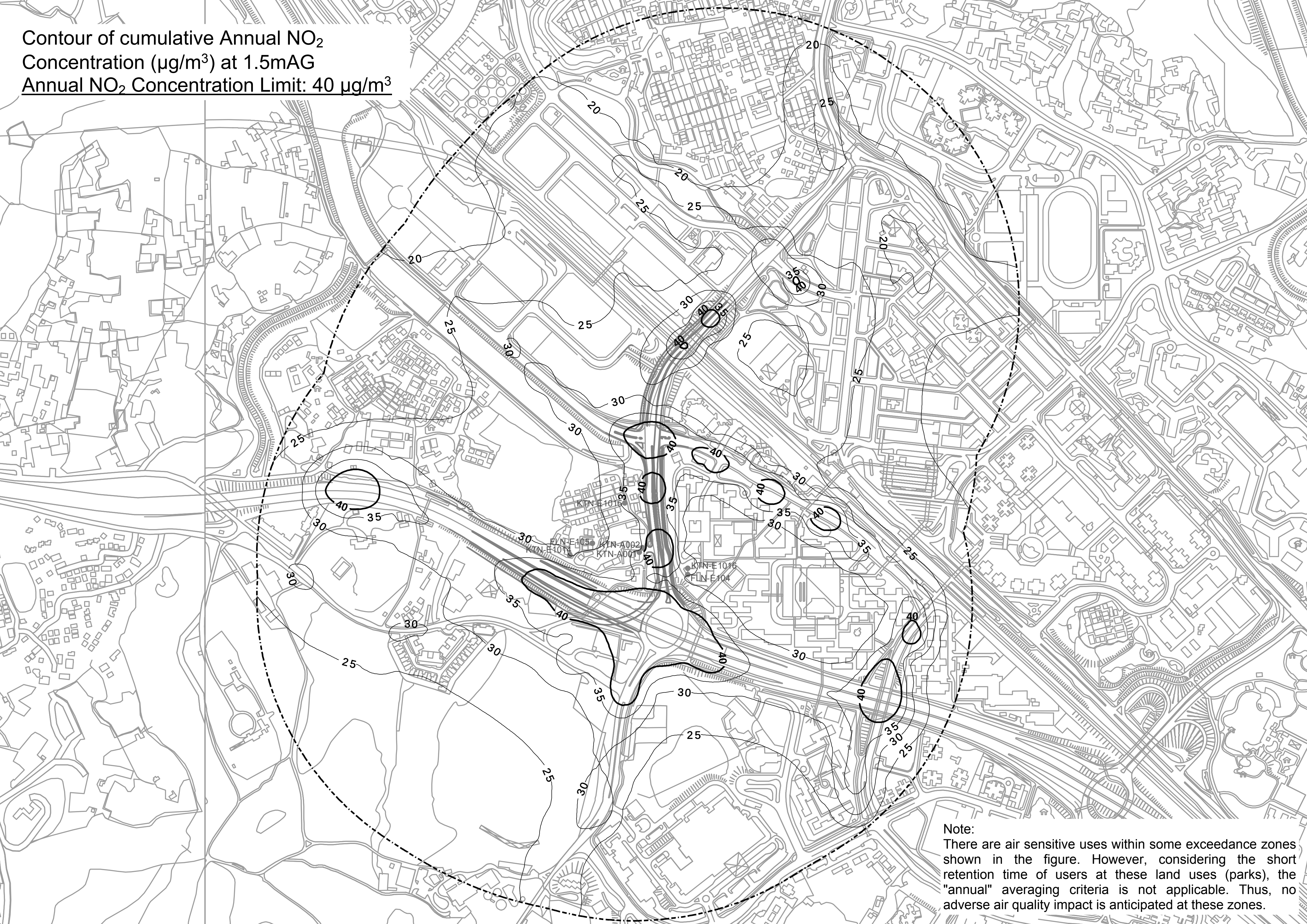
200

Note:
There are no air sensitive uses within the exceedance zones shown in the figure.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KTN-A002
KTN-A001
KTN-E1016
FLN-E104

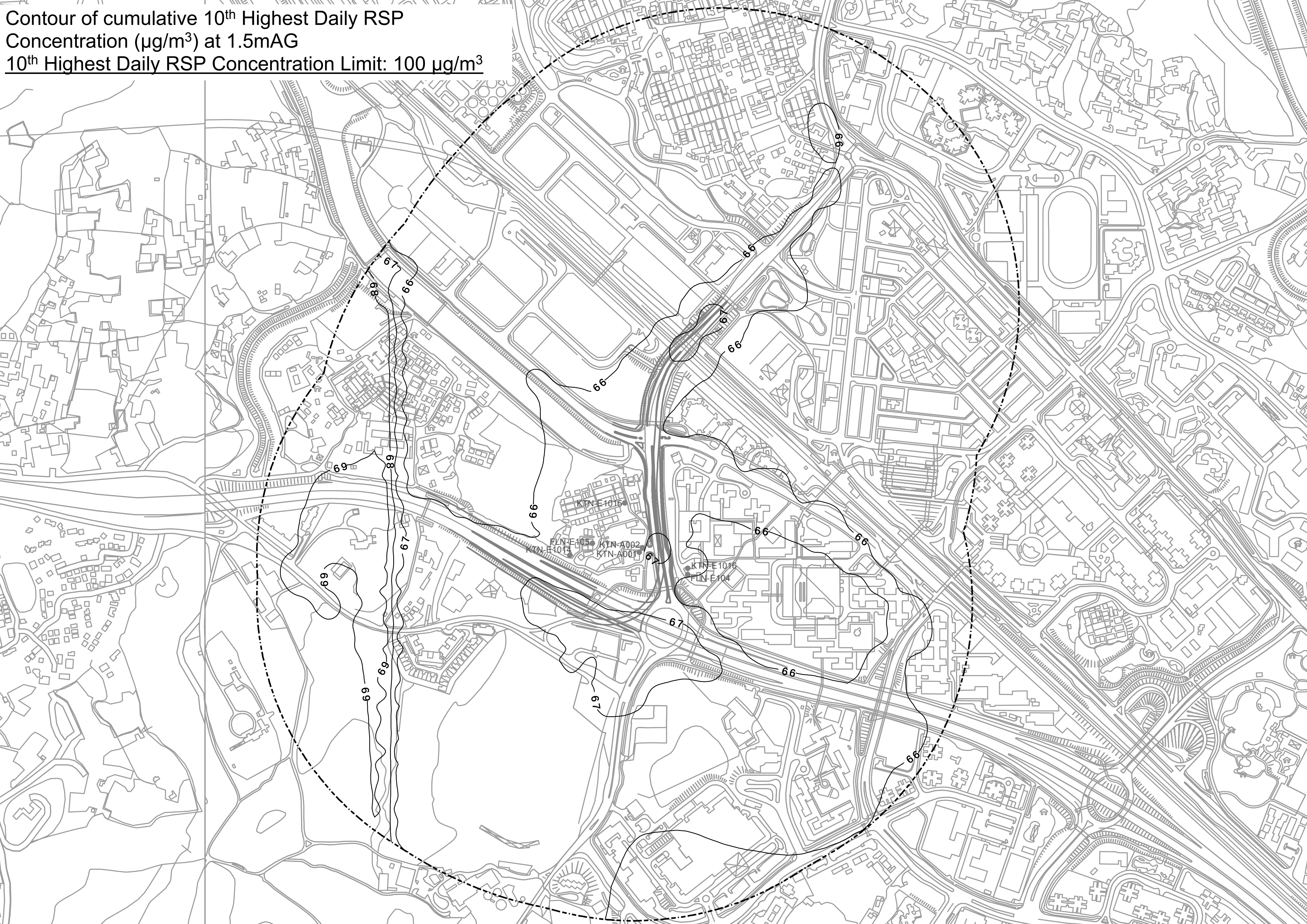
Contour of cumulative Annual NO_2 Concentration (µg/m^3) at 1.5mAG

Annual NO_2 Concentration Limit: 40 µg/m^3

Note:
There are air sensitive uses within some exceedance zones shown in the figure. However, considering the short retention time of users at these land uses (parks), the "annual" averaging criteria is not applicable. Thus, no adverse air quality impact is anticipated at these zones.

Contour of cumulative 10th Highest Daily RSP Concentration ($\mu g/m^3$) at 1.5mAG

10th Highest Daily RSP Concentration Limit: 100 $\mu g/m^3$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FLN-E105
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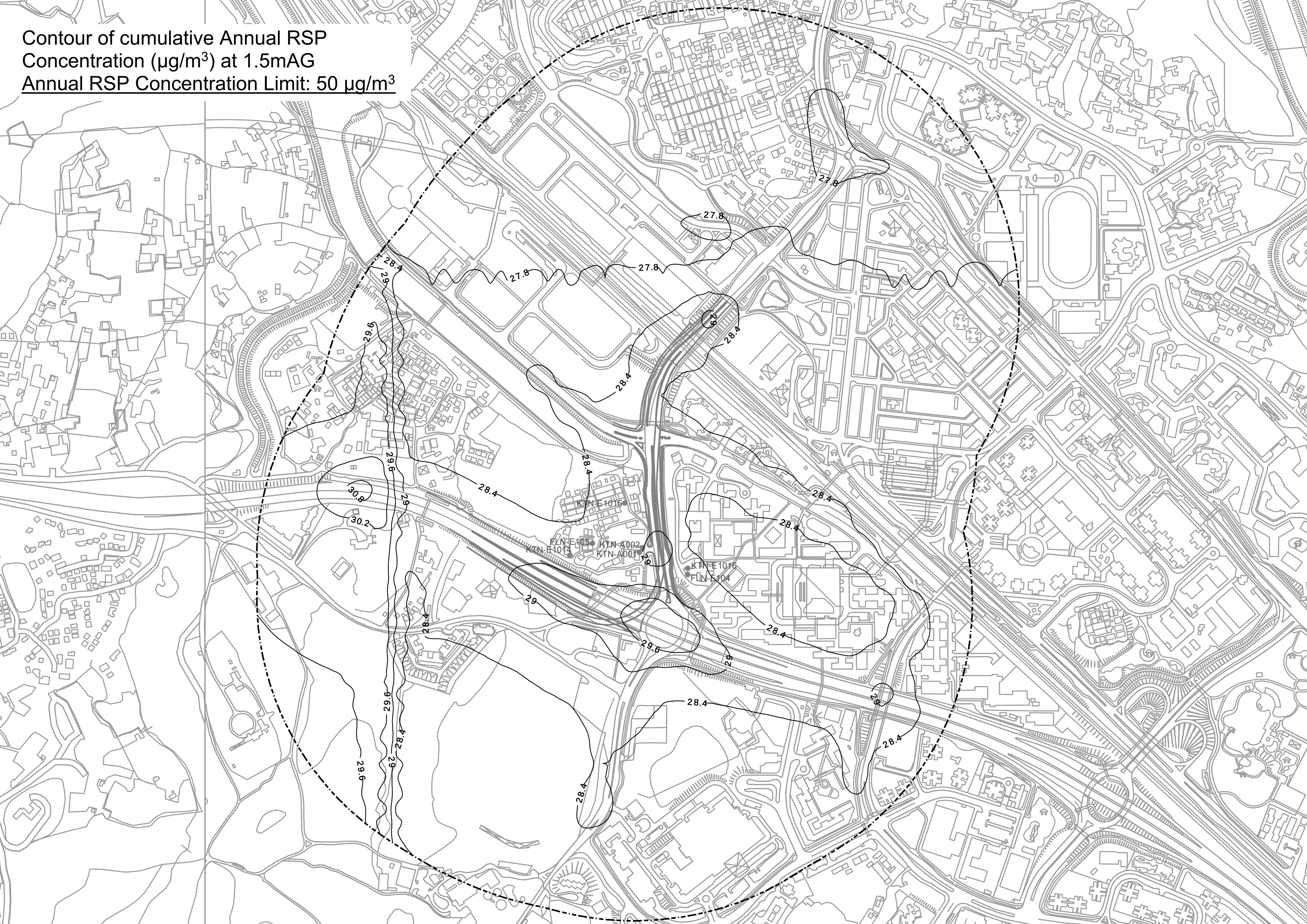
Contour of cumulative Annual RSP
Concentration (μg/m^3) at 1.5mAG
Annual RSP Concentration Limit: 50 μg/m^3

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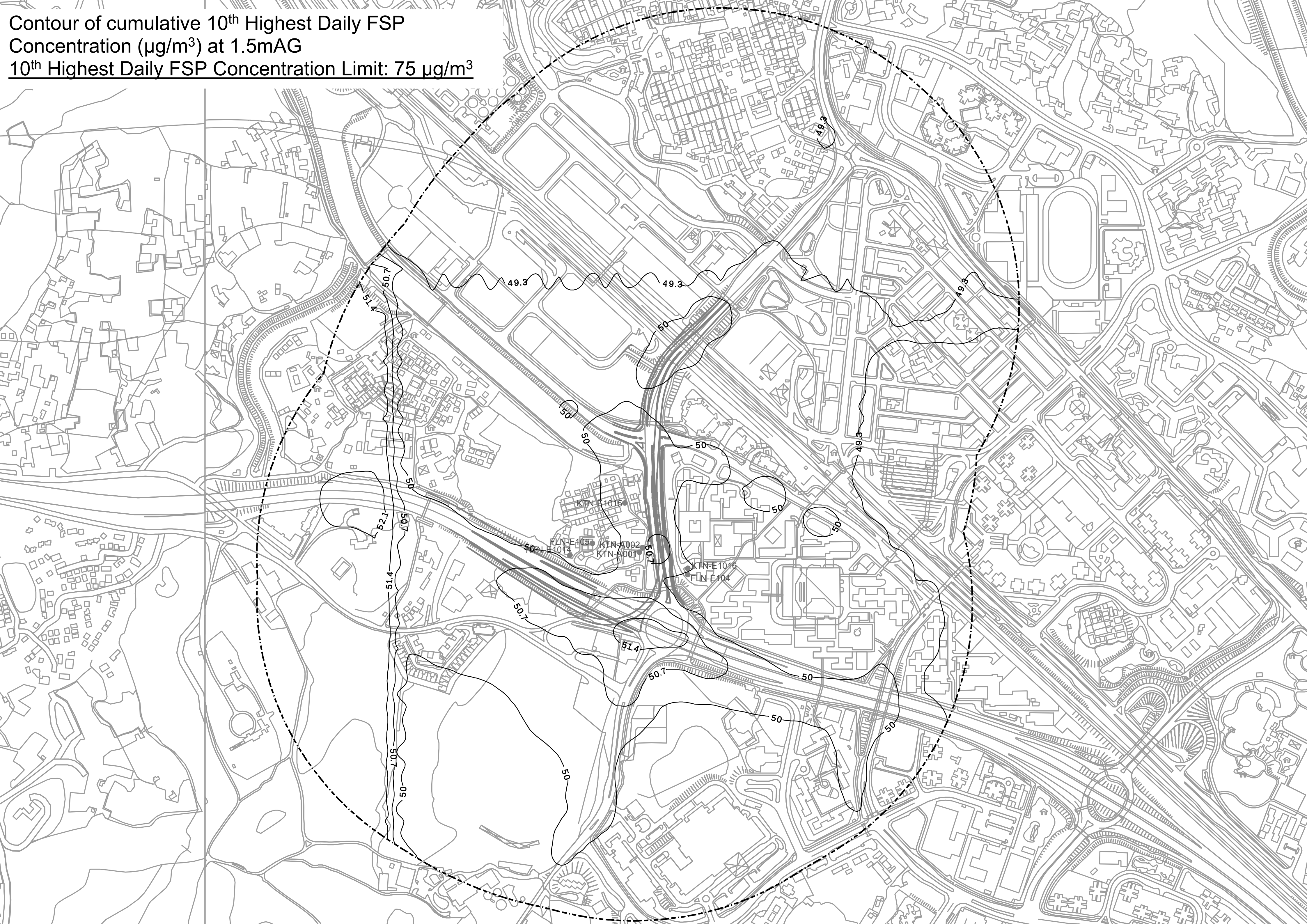
Contour of cumulative 10th Highest Daily FSP Concentration (µg/m³) at 1.5mAG

10th Highest Daily FSP Concentration Limit: 75 µg/m³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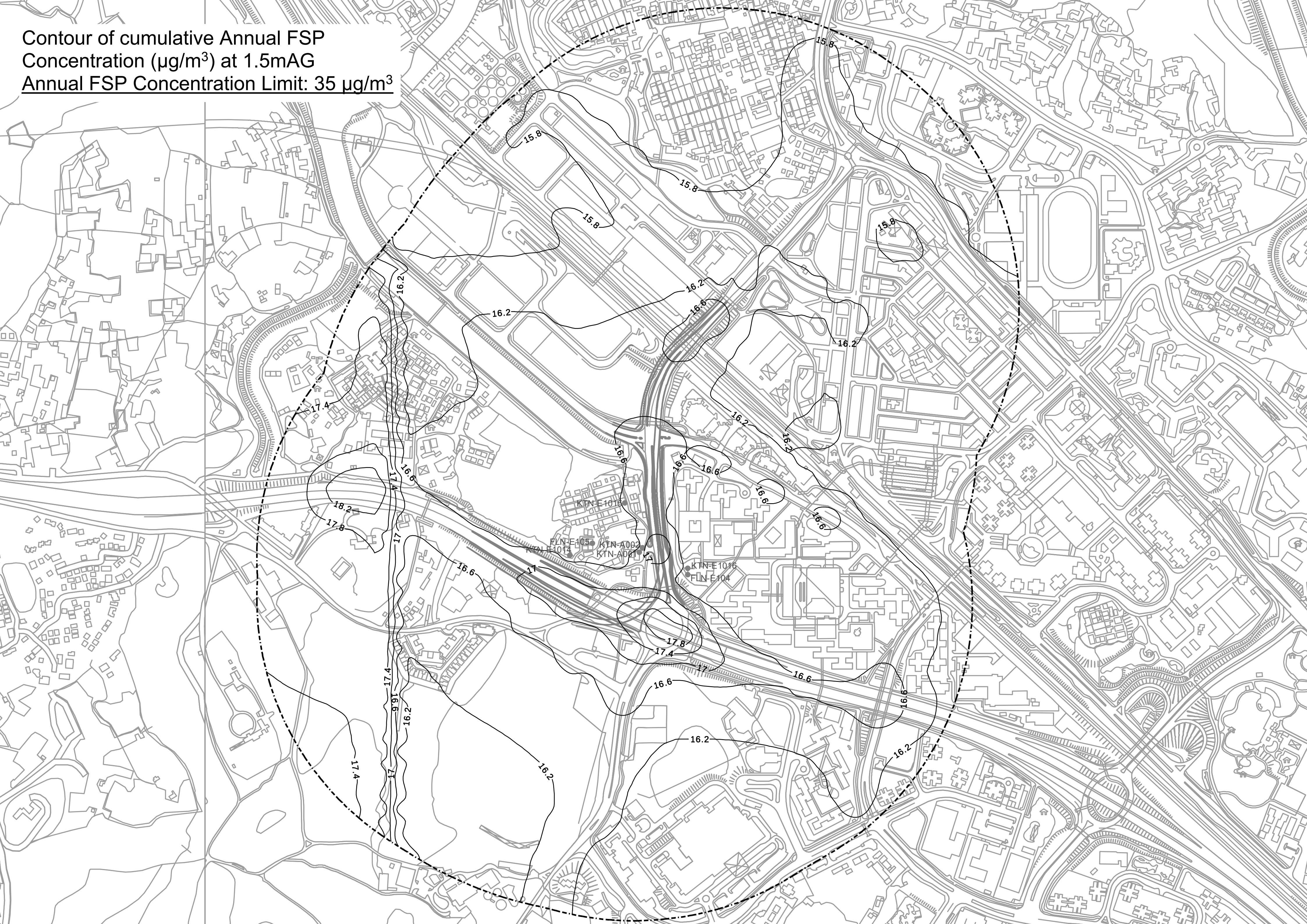
Contour of cumulative Annual FSP Concentration (μg/m^3) at 1.5mAG

Annual FSP Concentration Limit: 35 μg/m^3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Appendix 4.1
Details of Road Traffic Forecast at Year 2044
(for Localised Assessment)

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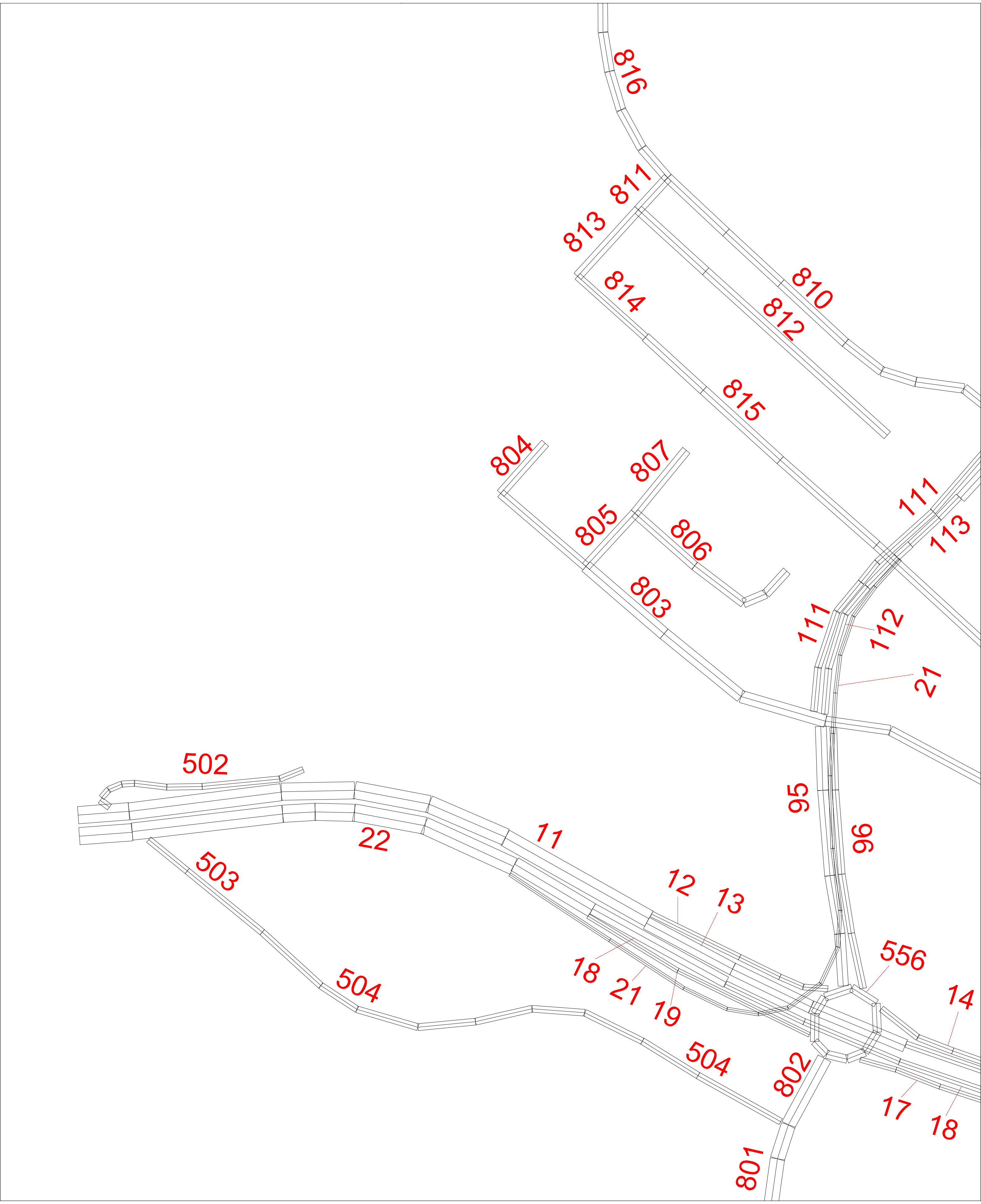
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2044 Traffic Flows and Breakdown by 2 Vehicle Classes

Link No.	Total Vehicle	Total Vehicle	Heavy Vehicle%	Heavy Vehicle%	Speed Limit
	AM	PM	AM	PM	
11	5684	4878	30.4%	33.9%	100
12	1443	1191	27.5%	36.9%	50
14	1153	935	28.6%	27.9%	50
17	673	790	31.9%	39.7%	50
18	4262	3974	30.1%	29.0%	100
19	765	637	28.3%	22.4%	50
21	916	975	31.4%	31.6%	50
22	5942	5587	30.1%	28.7%	100
95	1933	1817	29.7%	43.2%	50
96	1372	1332	39.1%	35.8%	50
111	1564	1350	33.1%	44.4%	50
112	795	730	45.0%	43.5%	50
113	1710	1705	37.7%	36.7%	50
502	164	120	29.4%	23.5%	50
503	773	668	32.7%	31.5%	50
504	1030	884	28.6%	27.1%	50
556	2348	2170	31.0%	34.2%	50
801	1299	1296	29.0%	26.2%	50
802	2052	1979	31.2%	28.0%	50
803	689	642	31.5%	33.7%	50
804	345	321	31.5%	33.7%	50
805	345	321	31.5%	33.7%	50
806	172	160	31.5%	33.7%	50
807	172	160	31.5%	33.7%	50
810	598	612	41.6%	38.2%	50
811	197	181	37.8%	32.1%	50
812	98	90	37.8%	32.1%	50
813	197	181	37.8%	32.1%	50
814	290	246	35.5%	31.9%	50
815	330	203	29.3%	32.0%	50
816	426	228	24.4%	34.7%	50

From: Chun Wing YAU <chunwingyau@td.gov.hk>
Sent: Thursday, August 13, 2015 11:07 AM
To: Kwok, Shi Chung Colin
Cc: Tony KT YAU; Winnie WS WONG; Tony KK WU
Subject: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Colin,

As the previous comment of our Transport Planning Division have been addressed, we have no further comment on the traffic modelling methodology and assumptions.

We would like to provide comment on the traffic forecast being prepared.

Thank you.

Regards,
YAU Chun Wing
E/TP4, TPD, TD
Tel: 2829 5296

From: "Kwok, Shi Chung Colin" <Colin.Kwok@aecom.com>
To: "'tonyktyau@td.gov.hk'" <tonyktyau@td.gov.hk>, "'sets1.rdo@hyd.gov.hk'" <sets1.rdo@hyd.gov.hk>, "'rycfung@pland.gov.hk'" <rycfung@pland.gov.hk>, "'tonywu@td.gov.hk'" <tonywu@td.gov.hk>, "'wwong@td.gov.hk'" <wwong@td.gov.hk>, Chun Wing YAU <chunwingyau@td.gov.hk>,
Cc: "'mtlaw@cedd.gov.hk'" <mtlaw@cedd.gov.hk>, "'kmmak@cedd.gov.hk'" <kmmak@cedd.gov.hk>, "'wmtang@cedd.gov.hk'" <wmtang@cedd.gov.hk> "Lai, Yee Yan Stephen" <stephen.lai@aecom.com>, "Ching, Chin Fun Stephen" <Stephen.Ching@aecom.com>, "Cheek, Peter Michael" <peter.cheek@aecom.com>, "Mak, Eunice Hoi Cheung" <Eunice.Mak@aecom.com>, "Leung, Ebby" <Ebby.Leung@aecom.com>, "Tam, Ka Wai Janice" <janice.tam@aecom.com>, "Yeung, Ka Wing Eric" <Eric.KW.Yeung@aecom.com>, "Tong, Ka Ling Angela" <angela.tong@aecom.com>, "Ho, Yung Chi Chris" <chris.ho@aecom.com>
Date: 05/08/2015 17:25
Subject: RE: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear All,

Further to the submission of the Technical Note (TN) for Traffic Modelling Methodology and Assumptions for TIA on 22 July 2015 new /additional comments were received from Transport Planning Division and Traffic Engineering (NTE) of Transport Department on 27 July 2015.

In view of the importance of the comment to the P&E Review Study of this Study, a meeting was held at TPD office on 4 Aug 2015 to discuss the growth rate assumption for car fleet size from 2016 to 2036. It was agreed in the meeting that the new growth rate assumption as advised by TD shall be adopted in this Study.

The TN is revised and attached for download via hyperlink below. Please provide comment, if any, on or before 7 August 2015.

This file will be available for download until 8/12/2015

File	Description	Size
TN Traffic Modelling Approach and Assumptions Final Revision 1.pdf		20,605KB
Download all files (.zip)		

Thanks.

Regards,

Colin Kwok, BSc., MA, MSc, MCILT, MHKIE
Senior Transport Planner, Strategic Planning and Advisory, Transportation
D +852 3922 8573 (Hong Kong)
Colin.Kwok@aecom.com

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12/F, Tower 2, Grand Central Plaza, 138 Shatin Rural Committee Road, Shatin, New Territories, Hong Kong
T: +852 3922 9766 (Hong Kong) F +852 3922 9797 (Hong Kong)

From: Ho, Yung Chi Chris
Sent: Wednesday, July 22, 2015 3:59 PM
To: 'tonyktyau@td.gov.hk'; 'sets1.rdo@hyd.gov.hk'; 'rycfung@pland.gov.hk'; 'tonywu@td.gov.hk'; 'wwong@td.gov.hk' 'kyteng@td.gov.hk'
Cc: 'mtlaw@cedd.gov.hk'; 'kmmak@cedd.gov.hk'; 'wmtang@cedd.gov.hk'; Lai, Yee Yan Stephen; Ching, Chin Fun Stephen; Cheek, Peter Michael; Mak, Eunice Hoi Cheung; Leung, Ebby; Kwok, Shi Chung Colin; Tam, Ka Wai Janice; Yeung, Ka Wing Eric; Tong, Ka Ling Angela
Subject: RE: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Sir/Madam,

Further to our email regarding the submission of the captioned technical notes dated 2 July 2015 and upon receiving subsequent comments, we would like to submit the revised and the final version of the captioned document for your retention and records. The RTC summary table is attached in the last section after the drawings.

Please download the captioned document through below link.

This file will be available for download until 7/29/2015

File	Description	Size
CE13_2014 - TN Traffic Modelling Approach and Assumptions Final v2.pdf		20,319KB

Thank you!

Regards,
Chris Ho
Tel : 3922 8981

From: Ho, Yung Chi Chris
Sent: Thursday, July 02, 2015 6:41 PM
To: tonyktyau@td.gov.hk; sets1.rdo@hyd.gov.hk; rycfung@pland.gov.hk; tonywu@td.gov.hk; wwong@td.gov.hk; kyteng@td.gov.hk
Cc: mtlaw@cedd.gov.hk; kmmak@cedd.gov.hk; wmtang@cedd.gov.hk; Lai, Yee Yan Stephen; Ching, Chin Fun Stephen; Cheek, Peter Michael; Mak, Eunice Hoi Cheung; Leung, Ebby; Kwok, Shi Chung Colin; Tam, Ka Wai Janice; Yeung, Ka Wing Eric
Subject: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA
Importance: High

[Confidential]

Dear Sir/Madam,

Agreement No. CE 13/2014 (CE)
Development of Kwu Tung North and Fanling North New Development Areas,
Phase 1 - Design and Construction

Technical Note on Traffic Modelling Methodology and Assumptions for Traffic Impact Assessment (Draft)

Under our Agreement, the Planning and Engineering (P&E) Review has been commenced in November 2014 and it is to carry out planning, engineering and environment reviews and update the findings and recommendations of the NENT NDAs Study arising from the relocation of some of the facilities out of the NDAs.

G2 Report of this Study, issued on 28 May 2014, summarized a broad-brush review for all the proposed development options from planning perspectives covering all aspects including broad order of cost and socio-economic impact assessments.

In this connection, the proposed traffic forecast methodology and modelling input assumptions for the TIA of this Project shall be proposed and agree with relevant departments as soon as possible prior to conducting comprehensive transport model runs. Hence, we would like to submit the captioned technical notes for your comments.

The hardcopies will be delivered to you by Monday. Hence, please find the attached soft copy for your advance information.

Thank you very much!

Best Regards,
Chris Y C HO, BEng CEng MSc MICE
Engineer
D: +852 3922 8981
chris.ho@aecom.com

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www.aecom.com

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From: Chun Wing YAU <chunwingyau@td.gov.hk>
Sent: Friday, August 28, 2015 11:47 AM
To: Kwok, Shi Chung Colin
Cc: kmmak@cedd.gov.hk; ckyu@cedd.gov.hk; wmtang@cedd.gov.hk; Ching, Chin Fun Stephen; Tony KT YAU; Winnie WS WONG; Tony KK WU
Subject: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA
Attachments: Traffic Forecast to TD 20150819.xlsx; Technical Note of Car Fleet Size Impact Analysis v4.pdf

Dear Colin,

I refer to your traffic forecast on strategic routes tabled in "Traffic Forecast to TD 20150819.xlsx".

Regarding the capacity of Fanling Highway (your road link ID 4 and 5), it was assumed in your previous technical note circulated to TPD on 5 August 2015 that the project "Widening of Fanling Highway between Pak Shek Au Interchange and Po Shek Wu Interchange", with dual-4 configuration, would be in place by 2026. Therefore, in your assessment, the increase in capacity of these foregoing road links beyond 2026 is reasonable.

Overall, we have no special comment to the traffic forecast.

Regards,
YAU Chun Wing
Engineer 4 / Transport Planning,
Transport Planning Division, Transport Department
Tel: 2829 5296

From: "Kwok, Shi Chung Colin" <Colin.Kwok@aecom.com>
To: Chun Wing YAU <chunwingyau@td.gov.hk>,
Cc: "Ching, Chin Fun Stephen" <Stephen.Ching@aecom.com>, "kmmak@cedd.gov.hk" <kmmak@cedd.gov.hk>, "wmtang@cedd.gov.hk" <wmtang@cedd.gov.hk>, "ckyu@cedd.gov.hk" <ckyu@cedd.gov.hk>, Tony KT YAU <tonyktyau@td.gov.hk>, Winnie WS WONG <wwong@td.gov.hk>, Tony KK WU <tonywu@td.gov.hk>
Date: 19/08/2015 12:06
Subject: RE: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Samuel,

Based on the revised Technical Note on Car Fleet Size Impact Analysis as attached, the effective annual growth rate is about 1.3%.

With the above-mentioned input assumption for car fleet size, traffic model runs has been conducted for the scenarios of 1) population intake under RODP and 2) population intake under RODP + Option 3D. Attached please find two tables in excel showing the revised traffic demand forecasts for major road links in EOI as agreed in the Technical Note on Traffic Modelling Methodology and Assumptions for Traffic Impact Assessment

To facilitate the downstream assessment works, we should be very grateful if your office could provide comment to us, if any, urgently.

Should you need other information or require further clarification, please let us know. Thanks.

Colin Kwok, BSc., MA, MSc, MCILT, MHKIE
Senior Transport Planner, Strategic Planning and Advisory, Transportation
D +852 3922 8573 (Hong Kong)
Colin.Kwok@aecom.com

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From: Chun Wing YAU [mailto:chunwingyau@td.gov.hk]
Sent: Tuesday, August 18, 2015 6:34 PM
To: Kwok, Shi Chung Colin
Cc: Ching, Chin Fun Stephen; kmmak@cedd.gov.hk; wmtang@cedd.gov.hk; ckyu@cedd.gov.hk; Tony KT YAU; Winnie WS WONG; Tony KK WU
Subject: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Colin,

Referring to your mail dated 18.8.2015 (responding to my telephone enquiry made on 17.8.2015), you confirmed that the number of licensed private car in year 2011 for deriving the effective annual growth rate should be 434,843 instead of 475,752 mentioned in your previous draft.

Based on the confirmative response of clarifying my enquiry on the subject of effective annual growth rate, please note that our Transport Planning Division has no further comment on the revised supplementary technical note (version v4) in the form of pdf file, "Technical Note of Car Fleet Size Impact Analysis v4.pdf".

Please provide the associated revised traffic forecast for our comment.

Regards,
YAU Chun Wing
Engineer / Transport Planning 4,
Transport Planning Division, Transport Department
Tel: 2829 5296

From: "Kwok, Shi Chung Colin" <Colin.Kwok@aecom.com>
To: Chun Wing YAU <chunwingyau@td.gov.hk>,
Cc: "Ching, Chin Fun Stephen" <Stephen.Ching@aecom.com>
Date: 18/08/2015 11:18
Subject: RE: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Samuel,

I refer to my emails below.

After checking , it was found that the car fleet size for 2011 in Table 1 of the note is not correct. Table 1 and the paragraphs for summary and conclusion was revised (highlighted in yellow) and attached for your review.

Thanks.

Regards,
Colin

From: Kwok, Shi Chung Colin
Sent: Monday, August 17, 2015 9:34 PM
To: 'Chun Wing YAU'
Cc: Ching, Chin Fun Stephen
Subject: RE: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Samuel,

I will call you tomorrow morning to discuss the wrong statistics adopted in the note, and suggest the way forward. Thanks.

Regards,
Colin

From: Kwok, Shi Chung Colin
Sent: Friday, August 14, 2015 10:53 AM
To: 'Chun Wing YAU'
Cc: Tony KT YAU; Winnie WS WONG; Tony KK WU; Ching, Chin Fun Stephen; Cheek, Peter Michael
Subject: RE: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Samuel,

Based on the revised TN on Modeling Methodology and Assumptions for TIA issued on 5 Aug 2015, we have conducted a set of new model runs for various design years including 2023, 2026, 2031 and 2036.

Attached please find two tables in excel showing the traffic forecasts on strategic road links and major roads in Study area. The location plan for road link is also attached for easy reference.

This set of model runs is based on the new growth assumption (3% per annum)for car fleet size. We have introduced a adjustment factor in the car available model of the STM. Details are discussed in the attached technical note.

Would appreciate if TPD can provide comment, if any, on the traffic forecast at your earliest convenience. With the agreed traffic flows on major links, we still need another week to update the local traffic model.

Should you need other information or require further clarification, please feel free to contact us. Many Thanks!

Regards,

Colin Kwok, BSc., MA, MSc, MCILT, MHKIE
Senior Transport Planner, Strategic Planning and Advisory, Transportation
D +852 3922 8573 (Hong Kong)
Colin.Kwok@aecom.com

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From: Chun Wing YAU [mailto:chunwingyau@td.gov.hk]
Sent: Thursday, August 13, 2015 11:07 AM
To: Kwok, Shi Chung Colin
Cc: Tony KT YAU; Winnie WS WONG; Tony KK WU
Subject: TPD's Reply: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for

TIA

Dear Colin,

As the previous comment of our Transport Planning Division have been addressed, we have no further comment on the traffic modelling methodology and assumptions.

We would like to provide comment on the traffic forecast being prepared.

Thank you.

Regards,
YAU Chun Wing
E/TP4, TPD, TD
Tel: 2829 5296

From: "Kwok, Shi Chung Colin" <Colin.Kwok@aecom.com>
To: "'tonyktyau@td.gov.hk'" <tonyktyau@td.gov.hk>, "'sets1.rdo@hyd.gov.hk'" <sets1.rdo@hyd.gov.hk>, "'rycfung@pland.gov.hk'" <rycfung@pland.gov.hk>, "'tonywu@td.gov.hk'" <tonywu@td.gov.hk>, "'wwong@td.gov.hk'" <wwong@td.gov.hk>, Chun Wing YAU <chunwingyau@td.gov.hk>,
Cc: "'mtlaw@cedd.gov.hk'" <mtlaw@cedd.gov.hk>, "'kmmak@cedd.gov.hk'" <kmmak@cedd.gov.hk>, "'wmtang@cedd.gov.hk'" <wmtang@cedd.gov.hk> "Lai, Yee Yan Stephen" <stephen.lai@aecom.com>, "Ching, Chin Fun Stephen" <Stephen.Ching@aecom.com>, "Cheek, Peter Michael" <peter.cheek@aecom.com>, "Mak, Eunice Hoi Cheung" <Eunice.Mak@aecom.com>, "Leung, Ebby" <Ebby.Leung@aecom.com>, "Tam, Ka Wai Janice" <janice.tam@aecom.com>, "Yeung, Ka Wing Eric" <Eric.KW.Yeung@aecom.com>, "Tong, Ka Ling Angela" <angela.tong@aecom.com>, "Ho, Yung Chi Chris" <chris.ho@aecom.com>
Date: 05/08/2015 17:25
Subject: RE: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear All,

Further to the submission of the Technical Note (TN) for Traffic Modelling Methodology and Assumptions for TIA on 22 July 2015 new /additional comments were received from Transport Planning Division and Traffic Engineering (NTE) of Transport Department on 27 July 2015.

In view of the importance of the comment to the P&E Review Study of this Study, a meeting was held at TPD office on 4 Aug 2015 to discuss the growth rate assumption for car fleet size from 2016 to 2036. It was agreed in the meeting that the new growth rate assumption as advised by TD shall be adopted in this Study.

The TN is revised and attached for download via hyperlink below. Please provide comment, if any, on or before 7 August 2015.

This file will be available for download until 8/12/2015

File	Description	Size
TN Traffic Modelling Approach and Assumptions Final Revision 1.pdf		20,605KB
Download all files (.zip)		

Thanks.

Regards,

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From: Ho, Yung Chi Chris
Sent: Wednesday, July 22, 2015 3:59 PM
To: 'tonyktyau@td.gov.hk'; 'sets1.rdo@hyd.gov.hk'; 'rycfung@pland.gov.hk'; 'tonywu@td.gov.hk'; 'wwong@td.gov.hk' 'kyteng@td.gov.hk'
Cc: 'mtlaw@cedd.gov.hk'; 'kmmak@cedd.gov.hk'; 'wmtang@cedd.gov.hk'; Lai, Yee Yan Stephen; Ching, Chin Fun Stephen; Cheek, Peter Michael; Mak, Eunice Hoi Cheung; Leung, Ebby; Kwok, Shi Chung Colin; Tam, Ka Wai Janice; Yeung, Ka Wing Eric; Tong, Ka Ling Angela
Subject: RE: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA

Dear Sir/Madam,

Further to our email regarding the submission of the captioned technical notes dated 2 July 2015 and upon receiving subsequent comments, we would like to submit the revised and the final version of the captioned document for your retention and records. The RTC summary table is attached in the last section after the drawings.

Please download the captioned document through below link.

This file will be available for download until 7/29/2015

File	Description	Size
CE13_2014 - TN Traffic Modelling Approach and Assumptions Final v2.pdf		20,319KB

Thank you!

Regards,
Chris Ho
Tel : 3922 8981

From: Ho, Yung Chi Chris
Sent: Thursday, July 02, 2015 6:41 PM
To: tonyktyau@td.gov.hk; sets1.rdo@hyd.gov.hk; rycfung@pland.gov.hk; tonywu@td.gov.hk; wwong@td.gov.hk; kyteng@td.gov.hk
Cc: mtlaw@cedd.gov.hk; kmmak@cedd.gov.hk; wmtang@cedd.gov.hk; Lai, Yee Yan Stephen; Ching, Chin Fun Stephen; Cheek, Peter Michael; Mak, Eunice Hoi Cheung; Leung, Ebby; Kwok, Shi Chung Colin; Tam, Ka Wai Janice; Yeung, Ka Wing Eric
Subject: [Confidential] CE13_2014_Technical Note - Traffic Modelling Methodology and Assumptions for TIA
Importance: High

[Confidential]

Dear Sir/Madam,

Agreement No. CE 13/2014 (CE)
Development of Kwu Tung North and Fanling North New Development Areas,
Phase 1 - Design and Construction
Technical Note on Traffic Modelling Methodology and Assumptions for Traffic Impact Assessment (Draft)

Under our Agreement, the Planning and Engineering (P&E) Review has been commenced in November 2014 and it is to carry out planning, engineering and
environment reviews and update the findings and recommendations of the NENT NDAs
Study arising from the relocation of some of the facilities out of the NDAs.

G2 Report of this Study, issued on 28 May 2014, summarized a broad-brush review for all the proposed development options from planning perspectives covering all aspects including broad order of cost and socio-economic impact assessments.

In this connection, the proposed traffic forecast methodology and modelling input assumptions for the TIA of this Project shall be proposed and agree with relevant departments as soon as possible prior to conducting comprehensive transport model runs. Hence, we would like to submit the captioned technical notes for your comments.

The hardcopies will be delivered to you by Monday. Hence, please find the attached soft copy for your advance information.

Thank you very much!

Best Regards,
Chris Y C HO, BEng CEng MSc MICE
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Appendix 4.2
Computer Plot of Road Scheme

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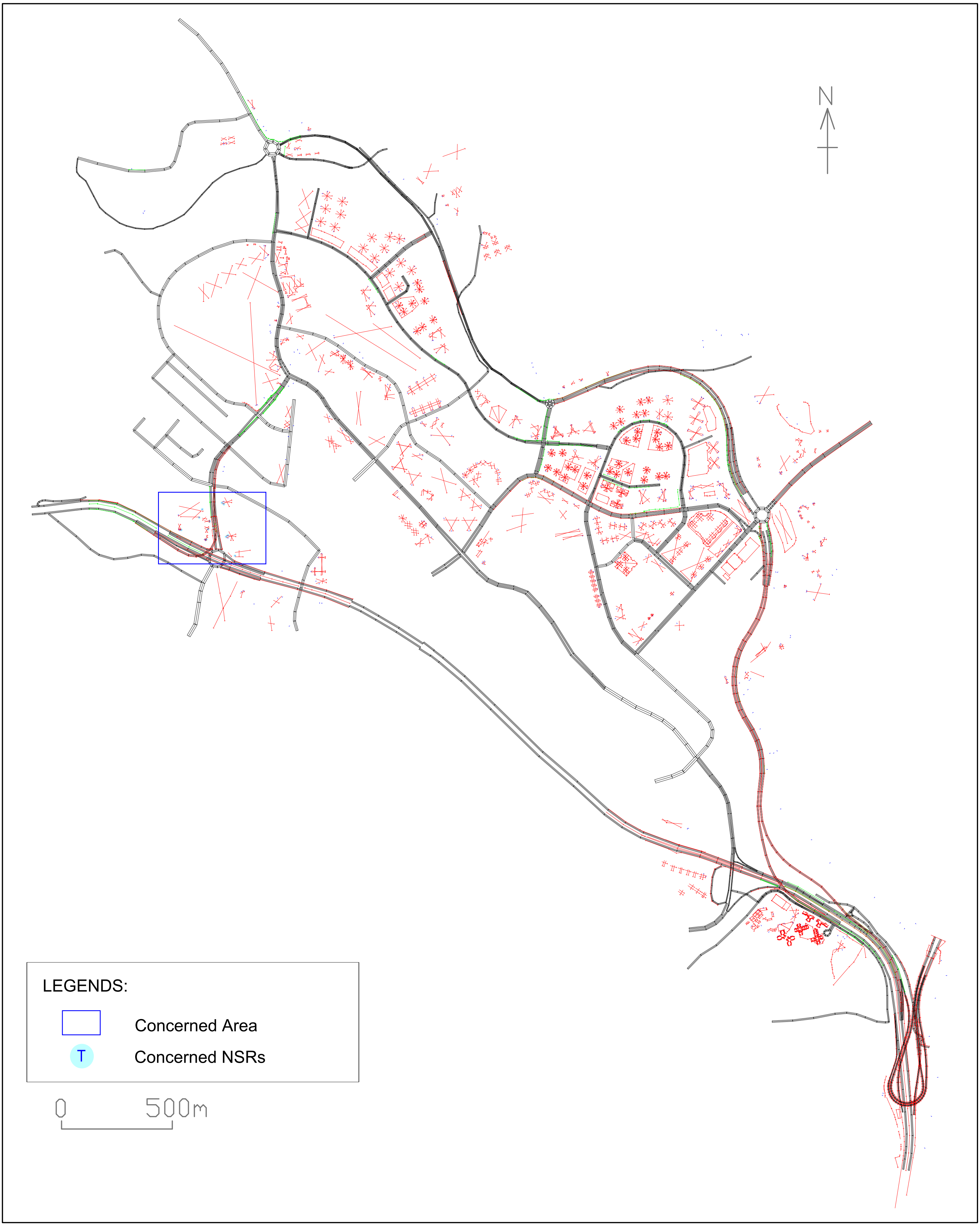
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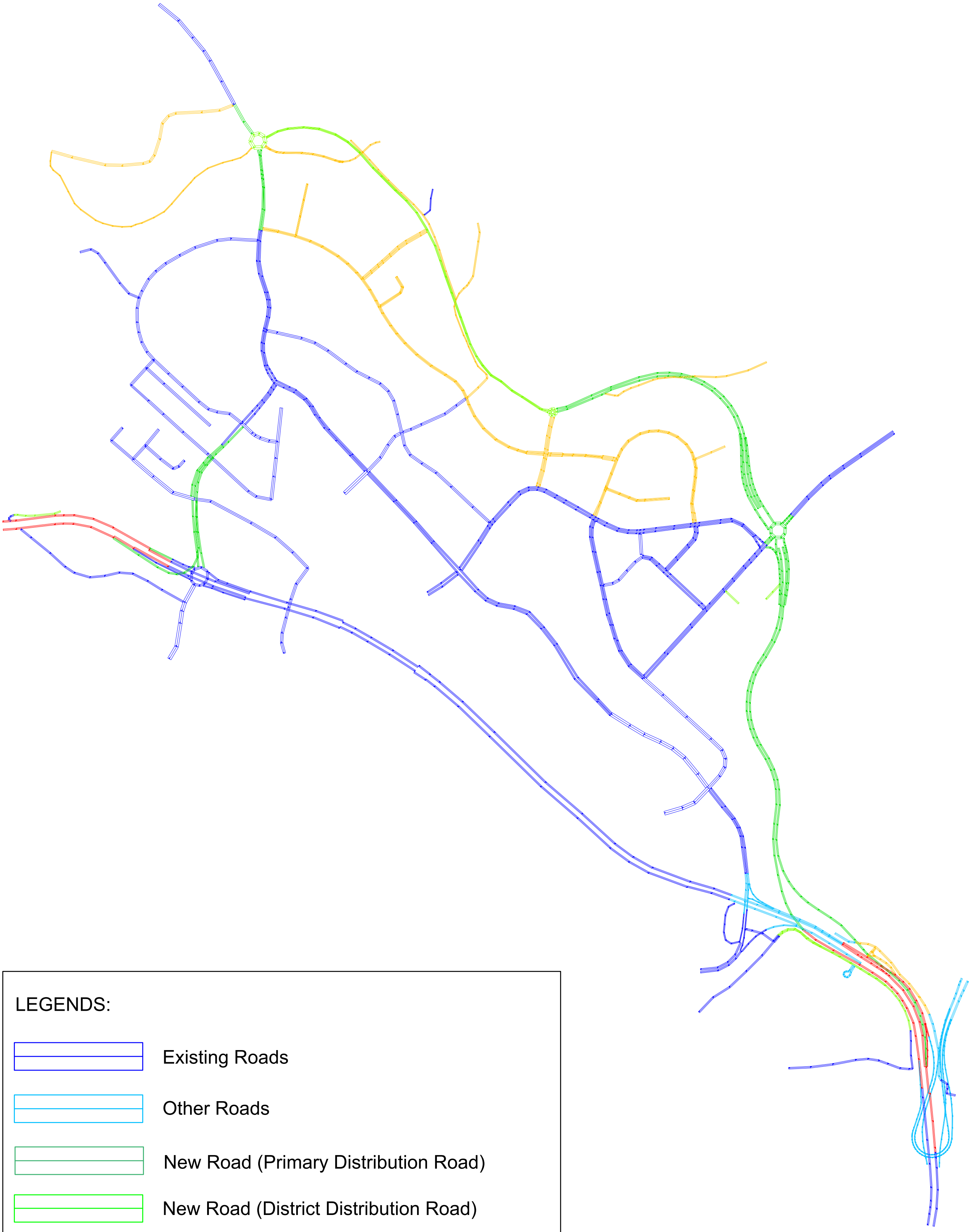
LEGENDS:
Concerned Area
T
Concerned NSRs
0
500m



LEGENDS:

🟦 Existing Roads

🟦 Other Roads

🟩 New Road (Primary Distribution Road)

🟩 New Road (District Distribution Road)

🟨 New Road (Local Distribution Road)

🟥 New Road (Expressway)

Appendix 4.3
Details of Road Traffic Noise Impacts at the Concerned NSRs

Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: Po Shek Wu Interchange (Mitigated Case on Proposed Roads)

Assessment Point			Location	WITHOUT PROJECT	WITH PROJECT																Further Mitigation Measures Required [4,5] (Y/N)
				Overall Noise Level in 2044 dB(A) [A]	Existing Road in 2044 dB(A)	Other Roads in 2044 dB(A)[1]	New Roads[2]					New Roads in 2044 dB(A)[3] [B]	Overall Noise Level in 2044 dB(A) [C]	Noise Criteria dB(A)	Exceedance B > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			
ID	Floor	Floor Level (mPD)					PD	DD	LD	EX	TR					C - A dB(A) [D]	D ≥ 1.0 dB(A)	New Road Contribution dB(A) [E]	New Road Contribution ≥ 1.0 dB(A) E ≥ 1.0 dB(A)	New Road > Criteria B > Criteria	
							dB (A)														
N0001	1	6.8	Tai Tau Leng	79.1	63.8	0.0	67.6	0.0	0.0	0.0	0.0	67.6	69.1	70	N	-10.0	N	5.3	Y	N	N
N0001	2	9.8	Tai Tau Leng	79.2	64.9	0.0	67.8	0.0	0.0	0.0	0.0	67.8	69.6	70	N	-9.6	N	4.7	Y	N	N
N0001	3	12.8	Tai Tau Leng	79.2	66.0	0.0	68.1	0.0	0.0	0.0	0.0	68.1	70.2	70	N	-9.0	N	4.2	Y	N	N
R1364	1	6.7	Tai Tau Leng	72.1	63.7	0.0	57.8	0.0	0.0	56.0	0.0	60.0	65.2	70	N	-6.9	N	1.5	Y	N	N
R1364	2	9.7	Tai Tau Leng	73.8	65.0	0.0	58.8	0.0	0.0	57.0	0.0	61.0	66.5	70	N	-7.3	N	1.5	Y	N	N
R1364	3	12.7	Tai Tau Leng	75	66.2	0.0	60.2	0.0	0.0	57.9	0.0	62.2	67.6	70	N	-7.4	N	1.4	Y	N	N
R1367	1	6.8	Tai Tau Leng	78.2	68.2	0.0	59.1	0.0	0.0	0.0	0.0	59.1	68.7	70	N	-9.5	N	0.5	N	N	N
R1367	2	9.8	Tai Tau Leng	78.6	70.5	0.0	60.2	0.0	0.0	0.0	0.0	60.2	70.9	70	Y	-7.7	N	0.4	N	N	N
R1367	3	12.8	Tai Tau Leng	78.8	71.6	0.0	61.6	0.0	0.0	0.0	0.0	61.6	72.0	70	Y	-6.8	N	0.4	N	N	N
R1368	1	6.8	Tai Tau Leng	82.9	60.9	0.0	62.8	0.0	0.0	0.0	0.0	62.8	65.0	70	N	-17.9	N	4.1	Y	N	N
R1368	2	9.8	Tai Tau Leng	82.9	61.9	0.0	64.1	0.0	0.0	0.0	0.0	64.1	66.1	70	N	-16.8	N	4.2	Y	N	N
R1368	3	12.8	Tai Tau Leng	82.7	63.2	0.0	66.3	0.0	0.0	0.0	0.0	66.3	68.0	70	N	-14.7	N	4.8	Y	N	N
R1369	1	6.2	Tai Tau Leng	72.5	61.4	0.0	57.4	0.0	0.0	54.1	0.0	59.0	63.4	70	N	-9.1	N	2.0	Y	N	N
R1369	2	9.2	Tai Tau Leng	73.5	62.2	0.0	58.4	0.0	0.0	54.5	0.0	59.9	64.2	70	N	-9.3	N	2.0	Y	N	N
R1369	3	12.2	Tai Tau Leng	75	63.1	0.0	59.5	0.0	0.0	55.0	0.0	60.8	65.1	70	N	-9.9	N	2.0	Y	N	N
R1370	1	6.3	Tai Tau Leng	78	61.4	0.0	66.0	0.0	0.0	0.0	0.0	66.0	67.3	70	N	-10.7	N	5.9	Y	N	N
R1370	2	9.3	Tai Tau Leng	78.1	61.9	0.0	66.7	0.0	0.0	0.0	0.0	66.7	67.9	70	N	-10.2	N	6.0	Y	N	N
R1370	3	12.3	Tai Tau Leng	78.2	63.1	0.0	67.8	0.0	0.0	0.0	0.0	67.8	69.1	70	N	-9.1	N	6.0	Y	N	N
R1382	1	13.2	Choi Po Court	72.3	63.1	0.0	43.8	25.6	0.0	52.3	0.0	52.9	63.5	70	N	-8.8	N	0.4	N	N	N
R1382	2	15.9	Choi Po Court	72.7	63.3	0.0	44.9	31.7	0.0	52.6	0.0	53.3	63.7	70	N	-9.0	N	0.4	N	N	N
R1382	3	18.6	Choi Po Court	73	63.5	0.0	46.2	33.2	0.0	52.8	0.0	53.7	63.9	70	N	-9.1	N	0.4	N	N	N
R1382	4	21.3	Choi Po Court	73.3	63.8	0.0	47.6	33.4	0.0	53.1	0.0	54.2	64.3	70	N	-9.0	N	0.5	N	N	N
R1382	5	24.0	Choi Po Court	73.6	64.1	0.0	49.1	33.4	0.0	53.4	0.0	54.8	64.6	70	N	-9.0	N	0.5	N	N	N
R1382	6	26.7	Choi Po Court	74.1	64.5	0.0	50.7	33.4	0.0	53.7	0.0	55.5	65.0	70	N	-9.1	N	0.5	N	N	N
R1382	7	29.4	Choi Po Court	74.8	64.8	0.0	51.9	33.4	0.0	53.9	0.0	56.1	65.3	70	N	-9.5	N	0.5	N	N	N
R1382	8	32.1	Choi Po Court	75.3	65.0	0.0	52.6	33.4	0.0	54.2	0.0	56.5	65.5	70	N	-9.8	N	0.5	N	N	N
R1382	9	34.8	Choi Po Court	75.7	65.2	0.0	53.1	33.4	0.0	54.6	0.0	56.9	65.8	70	N	-9.9	N	0.6	N	N	N
R1382	10	37.5	Choi Po Court	75.8	65.4	0.0	53.3	33.5	0.0	54.9	0.0	57.2	66.0	70	N	-9.8	N	0.6	N	N	N
R1382	11	40.2	Choi Po Court	75.8	65.6	0.0	53.7	33.5	0.0	55.3	0.0	57.6	66.3	70	N	-9.5	N	0.7	N	N	N
R1382	12	42.9	Choi Po Court	75.8	65.9	0.0	54.1	33.5	0.0	55.7	0.0	58.0	66.6	70	N	-9.2	N	0.7	N	N	N
R1382	13	45.6	Choi Po Court	75.8	66.1	0.0	54.4	33.5	0.0	56.2	0.0	58.4	66.8	70	N	-9.0	N	0.7	N	N	N
R1382	14	48.3	Choi Po Court	75.8	66.2	0.0	54.6	33.5	0.0	56.4	0.0	58.6	66.9	70	N	-8.9	N	0.7	N	N	N
R1382	15	51.0	Choi Po Court	75.8	66.3	0.0	54.9	33.5	0.0	56.9	0.0	59.0	67.0	70	N	-8.8	N	0.7	N	N	N
R1382	16	53.7	Choi Po Court	75.8	66.3	0.0	55.2	33.6	0.0	57.4	0.0	59.4	67.1	70	N	-8.7	N	0.8	N	N	N
R1382	17	56.4	Choi Po Court	75.7	66.3	0.0	55.4	33.6	0.0	57.9	0.0	59.9	67.2	70	N	-8.5	N	0.9	N	N	N
R1382	18	59.1	Choi Po Court	75.8	66.3	0.0	55.6	33.6	0.0	58.5	0.0	60.3	67.3	70	N	-8.5	N	1.0	Y	N	N
R1382	19	61.8	Choi Po Court	75.8	66.4	0.0	55.9	33.5	0.0	58.9	0.0	60.7	67.4	70	N	-8.4	N	1.0	Y	N	N
R1382	20	64.5	Choi Po Court	75.8	66.4	0.0	56.1	33.6	0.0	59.2	0.0	60.9	67.5	70	N	-8.3	N	1.1	Y	N	N
R1382	21	67.2	Choi Po Court	75.8	66.4	0.0	56.3	33.6	0.0	59.7	0.0	61.4	67.6	70	N	-8.2	N	1.2	Y	N	N
R1382	22	69.9	Choi Po Court	75.8	66.4	0.0	56.6	33.6	0.0	60.2	0.0	61.8	67.7	70	N	-8.1	N	1.3	Y	N	N
R1382	23	72.6	Choi Po Court	75.8	66.4	0.0	56.8	33.6	0.0	60.7	0.0	62.2	67.8	70	N	-8.0	N	1.4	Y	N	N
R1382	24	75.3	Choi Po Court	75.9	66.4	0.0	56.9	33.6	0.0	61.0	0.0	62.5	67.9	70	N	-8.0	N	1.5	Y	N	N
R1382	25	78.0	Choi Po Court	75.8	66.4	0.0	57.0	33.6	0.0	61.3	0.0	62.7	68.0	70	N	-7.8	N	1.6	Y	N	N
R1382	26	80.7	Choi Po Court	75.9	66.4	0.0	57.2	33.6	0.0	61.6	0.0	62.9	68.0	70	N	-7.9	N	1.6	Y	N	N
R1382	27	83.4	Choi Po Court	75.9	66.5	0.0	57.3	33.5	0.0	61.8	0.0	63.2	68.1	70	N	-7.8	N	1.6	Y	N	N
R1382	28	86.1	Choi Po Court	75.9	66.5	0.0	57.5	33.5	0.0	62.1	0.0	63.4	68.2	70	N	-7.7	N	1.7	Y	N	N
R1382	29	88.8	Choi Po Court	75.9	66.5	0.0	57.6	33.5	0.0	62.3	0.0	63.5	68.3	70	N	-7.6	N	1.8	Y	N	N
R1382	30	91.5	Choi Po Court	75.8	66.5	0.0	57.7	33.5	0.0	62.4	0.0	63.7	68.3	70	N	-7.5	N	1.8	Y	N	N
R1382	31	94.2	Choi Po Court	75.8	66.6	0.0	57.9	33.5	0.0	62.5	0.0	63.8	68.4	70	N	-7.4	N	1.8	Y	N	N
R1382	32	96.9	Choi Po Court	75.8	66.6	0.0	58.0	33.5	0.0	62.8	0.0	64.0	68.5	70	N	-7.3	N	1.9	Y	N	N
R1382	33	99.6	Choi Po Court	75.7	66.6	0.0	58.1	33.5	0.0	62.9	0.0	64.1	68.6	70	N	-7.1	N	2.0	Y	N	N
R1382	34	102.3	Choi Po Court	75.7	66.6	0.0	58.3	33.4	0.0	63.1	0.0	64.3	68.7	70	N	-7.0	N	2.1	Y	N	N
R1382	35	105.0	Choi Po Court	75.6	66.7	0.0	58.4	33.4	0.0	63.2	0.0	64.5	68.7	70	N	-6.9	N	2.0	Y	N	N
R1383	1	13.2	Choi Po Court	63.2	59.4	0.0	44.0	0.0	0.0	52.1	0.0	52.7	60.3	70	N	-2.9	N	0.9	N	N	N
R1383	2	15.9	Choi Po Court	65.4	59.9	0.0	45.1	0.0	0.0	52.4	0.0	53.1	60.7	70	N	-4.7	N	0.8	N	N	N
R1383	3	18.6	Choi Po Court	67	60.5	0.0	46.3	0.0	0.0	52.6	0.0	53.5	61.3	70	N	-5.7	N	0.8	N	N	N
R1383	4	21.3	Choi Po Court	67.8	61.1	0.0	47.6	0.0	0.0	52.9	0.0	54.0	61.8	70	N	-6.0	N	0.7	N	N	N
R1383	5	24.0	Choi Po Court	68.5	61.7	0.0	49.0	0.0	0.0	53.2	0.0	54.6	62.5	70	N	-6.0	N	0.8	N	N	N
R1383	6	26.7	Choi Po Court	69	62.3	0.0	50.4	0.0	0.0	53.5	0.0	55.2	63.1	70	N	-5.9	N	0.8	N	N	N
R1383	7	29.4	Choi Po Court	69.6	62.7	0.0	51.7	0.0	0.0	53.7	0.0	55.9	63.5	70	N	-6.1	N	0.8	N	N	N
R1383	8	32.1	Choi Po Court	70.3	63.1	0.0	52.5	0.0	0.0	54.0	0.0	56.3	63.9	70	N	-6.4	N	0.8	N	N	N
R1383	9	34.8	Choi Po Court	71	63.4	0.0	53.0	0.0	0.0	54.4	0.0	56.8	64.3	70	N	-6.7	N	0.9	N	N	N
R1383	10	37.5	Choi Po Court	71.7	63.7	0.0	53.4	0.0	0.0	54.7	0.0	57.1	64.6	70	N	-7.1	N	0.9	N	N	N
R1383	11	40.2	Choi Po Court	72.1	63.9	0.0	53.8	0.0	0.0	55.1	0.0	57.5	64.8	70	N	-7.3	N	0.9	N	N	N
R1383	12	42.9	Choi Po Court	72.4	64.1	0.0	54.1	0.0	0.0	55.5	0.0	57.9	65.0	70	N	-7.4	N	0.9	N	N	N
R1383	13	45.6	Choi Po Court	72.5	64.2	0.0	54.4	0.0	0.0	56.0	0.0	58.3	65.2	70	N	-7.3	N	1.0	Y	N	N
R1383	14	48.3	Choi Po Court	72.6	64.3	0.0	54.7	0.0	0.0	56.3	0.0	58.6	65.3	70	N	-7.3	N	1.0	Y	N	N
R1383	15	51.0	Choi Po Court	72.7	64.4	0.0	55.0	0.0	0.0	56.7	0.0	58.9	65.5	70	N	-7.2	N	1.1	Y	N	N
R1383	16	53.7	Choi Po Court	72.7	64.5	0.0	55.2	0.0	0.0	57.2	0.0	59.3	65.7	70	N	-7.0	N	1.2	Y	N	N
R1383	17	56.4	Choi Po Court	72.8	64.6	0.0	55.4	0.0	0.0	57.9	0.0	59.8	65.8	70	N	-7.0	N	1.2	Y	N	N
R1383	18	59.1	Choi Po Court	72.8	64.6	0.0	55.6	0.0	0.0	58.3	0.0	60.2	66.0	70	N	-6.8	N	1.4	Y	N	N
R1383	19	61.8	Choi Po Court	72.9	64.7	0.0	55.9	0.0	0.0	58.8	0.0	60.6	66.1	70	N	-6.8	N	1.4	Y	N	N
R1383	20	64.5	Choi Po Court	72.9	64.8	0.0	56.1	0.0	0.0	59.2	0.0	60.9	66.3	70	N	-6.6	N	1.5	Y	N	N
R1383	21	67.2	Choi Po Court	72.9	64.8	0.0	56.4	0.0	0.0	59.7	0.0	61.3	66.4	70	N	-6.5	N	1.6	Y	N	N
R1383	22	69.9	Choi Po Court	73	64.9	0.0	56.6	0.0	0.0	60.1	0.0	61.7	66.6	70	N	-6.4	N	1.7	Y	N	N
R1383	23	72.6	Choi Po Court	73	65.0	0.0	56.8	0.0	0.0	60.5	0.0	62.0	66.8	70	N	-6.2	N	1.8	Y	N	N
R1383	24	75.3	Choi Po Court	73.1	65.0	0.0	57.0	0.0	0.0	60.9	0.0	62.4	66.9	70	N	-6.2	N	1.9	Y	N	N
R1383	25	78.0	Choi Po Court	73.1	65.1	0.0	57.1	0.0	0.0	61.2	0.0	62.6	67.0	70	N	-6.1	N	1.9	Y	N	N
R1383	26	80.7	Choi Po Court	73.2	65.2	0.0	57.3	0.0	0.0	61.4	0.0	62.8	67.2	70	N	-6.0	N	2.0	Y	N	N
R1383	27	83.4	Choi Po Court	73.2	65.2	0.0	57.4	0.0	0.0	61.7	0.0	63.1	67.3	70	N	-5.9	N	2.1	Y	N	N
R1383	28	86.1	Choi Po Court	73.2	65.3	0.0	57.6	0.0	0.0	61.9	0.0	63.2	67.4	70	N	-5.8	N	2.1	Y	N	N
R1383	29	88.8	Choi Po Court	73.3	65.4	0.0	57.6	0.0	0.0	62.1	0.0	63.4	67.5	70	N	-5.8	N	2.1	Y	N	N
R1383	30	91.5	Choi Po Court	73.3	65.5	0.0	57.8	0.0	0.0	62.2	0.0	63.6	67.6	70	N	-5.7	N	2.1	Y	N	N
R1383	31	94.2	Choi Po Court	73.4	65.6	0.0	57.9	0.0	0.0	62.4	0.0	63.7	67.8	70	N	-5.6	N	2.2	Y	N	N
R1383	32	96.9	Choi Po Court	73.4	65.7	0.0	58.1	0.0	0.0	62.6	0.0	63.9	67.9	70	N	-5.5	N	2.2	Y	N	N
R1383	33	99.6	Choi Po Court	73.5	65.8	0.0	58.2	0.0	0.0	62.8	0.0	64.1	68.0	70	N	-5.5	N	2.2	Y	N	N
R1383	34	102.3	Choi Po Court	73.5	65.8	0.0	58.4	0.0	0.0	62.9	0.0	64.2	68.1	70	N	-5.4	N	2.3	Y	N	N
R1383	35	105.0	Choi Po Court	73.5	65.9	0.0	58.5	0.0	0.0	63.1	0.0	64.4	68.2	70	N	-5.3	N	2.3	Y	N	N
R1384	1	13.2	Choi Po Court	63.8	54.8	0.0	53.4	22.9	0.0	48.5	0.0	54.6	57.7	70	N	-6.1	N	2.9	Y	N	N

Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: Po Shek Wu Interchange (Mitigated Case on Proposed Roads)

				WITHOUT PROJECT	WITH PROJECT																
Assessment Point			Location	Overall Noise Level in 2044 dB(A) [A]	Existing Road in 2044 dB(A)	Other Roads in 2044 dB(A)[1]	New Roads[2]						Overall Noise Level in 2044 dB(A) [C]	Noise Criteria dB(A)	Exceedance B > Criteria (Y/N)	Check Project Impact Significance		Check Direct Mitigation			Further Mitigation Measures Required [4,5] (Y/N)
ID	Floor	Floor Level (mPD)					PD	DD	LD	EX	TR	New Roads in 2044 dB(A)[3] [B]				C - A dB(A) [D]	D ≥ 1.0 dB(A)	New Road Contribution dB(A) [E]	New Road Contribution ≥ 1.0 dB(A) E ≥ 1.0 dB(A)	New Road > Criteria B > Criteria	
							dB (A)														
R1384	2	15.9	Choi Po Court	65	55.4	0.0	53.4	24.0	0.0	49.3	0.0	54.9	58.1	70	N	-6.9	N	2.7	Y	N	N
R1384	3	18.6	Choi Po Court	65.8	56.4	0.0	53.5	25.1	0.0	50.0	0.0	55.1	58.8	70	N	-7.0	N	2.4	Y	N	N
R1384	4	21.3	Choi Po Court	66.3	57.3	0.0	53.6	26.3	0.0	50.8	0.0	55.4	59.4	70	N	-6.9	N	2.1	Y	N	N
R1384	5	24.0	Choi Po Court	66.9	57.7	0.0	53.7	28.1	0.0	51.6	0.0	55.8	59.8	70	N	-7.1	N	2.1	Y	N	N
R1384	6	26.7	Choi Po Court	67.6	57.9	0.0	53.8	29.1	0.0	52.5	0.0	56.2	60.1	70	N	-7.5	N	2.2	Y	N	N
R1384	7	29.4	Choi Po Court	68.4	58.0	0.0	54.1	31.0	0.0	53.3	0.0	56.7	60.4	70	N	-8.0	N	2.4	Y	N	N
R1384	8	32.1	Choi Po Court	69.3	58.1	0.0	54.4	32.1	0.0	54.1	0.0	57.3	60.7	70	N	-8.6	N	2.6	Y	N	N
R1384	9	34.8	Choi Po Court	70	58.2	0.0	54.7	33.0	0.0	54.9	0.0	57.9	61.0	70	N	-9.0	N	2.8	Y	N	N
R1384	10	37.5	Choi Po Court	70.4	58.3	0.0	55.1	33.6	0.0	55.8	0.0	58.5	61.4	70	N	-9.0	N	3.1	Y	N	N
R1384	11	40.2	Choi Po Court	70.9	58.3	0.0	55.5	34.1	0.0	56.5	0.0	59.0	61.7	70	N	-9.2	N	3.4	Y	N	N
R1384	12	42.9	Choi Po Court	71.2	58.4	0.0	55.9	34.3	0.0	57.2	0.0	59.7	62.1	70	N	-9.1	N	3.7	Y	N	N
R1384	13	45.6	Choi Po Court	71.5	58.4	0.0	56.2	34.5	0.0	58.1	0.0	60.3	62.4	70	N	-9.1	N	4.0	Y	N	N
R1384	14	48.3	Choi Po Court	71.6	58.4	0.0	56.7	34.6	0.0	58.7	0.0	60.8	62.8	70	N	-8.8	N	4.4	Y	N	N
R1384	15	51.0	Choi Po Court	71.8	58.4	0.0	57.0	34.7	0.0	59.2	0.0	61.2	63.1	70	N	-8.7	N	4.7	Y	N	N
R1384	16	53.7	Choi Po Court	71.9	58.4	0.0	57.2	34.7	0.0	59.6	0.0	61.6	63.3	70	N	-8.6	N	4.9	Y	N	N
R1384	17	56.4	Choi Po Court	71.9	58.4	0.0	57.4	34.7	0.0	60.0	0.0	61.9	63.5	70	N	-8.4	N	5.1	Y	N	N
R1384	18	59.1	Choi Po Court	72	58.4	0.0	57.5	34.7	0.0	60.1	0.0	62.0	63.6	70	N	-8.4	N	5.2	Y	N	N
R1384	19	61.8	Choi Po Court	72	58.3	0.0	57.6	34.7	0.0	60.4	0.0	62.2	63.7	70	N	-8.3	N	5.4	Y	N	N
R1384	20	64.5	Choi Po Court	72	58.3	0.0	57.7	34.7	0.0	60.8	0.0	62.5	63.9	70	N	-8.1	N	5.6	Y	N	N
R1384	21	67.2	Choi Po Court	72	58.3	0.0	57.8	34.7	0.0	61.0	0.0	62.7	64.1	70	N	-7.9	N	5.8	Y	N	N
R1384	22	69.9	Choi Po Court	71.9	58.3	0.0	57.8	34.8	0.0	61.2	0.0	62.9	64.2	70	N	-7.7	N	5.9	Y	N	N
R1384	23	72.6	Choi Po Court	71.9	58.3	0.0	57.9	34.8	0.0	61.4	0.0	63.0	64.3	70	N	-7.6	N	6.0	Y	N	N
R1384	24	75.3	Choi Po Court	71.9	58.3	0.0	57.9	34.8	0.0	61.5	0.0	63.1	64.4	70	N	-7.5	N	6.1	Y	N	N
R1384	25	78.0	Choi Po Court	71.9	58.3	0.0	57.9	34.8	0.0	61.6	0.0	63.1	64.4	70	N	-7.5	N	6.1	Y	N	N
R1384	26	80.7	Choi Po Court	71.8	58.3	0.0	58.0	34.8	0.0	61.7	0.0	63.2	64.4	70	N	-7.4	N	6.1	Y	N	N
R1384	27	83.4	Choi Po Court	71.8	58.3	0.0	58.0	34.9	0.0	61.8	0.0	63.4	64.5	70	N	-7.3	N	6.2	Y	N	N
R1384	28	86.1	Choi Po Court	71.7	58.3	0.0	58.1	35.0	0.0	61.9	0.0	63.4	64.6	70	N	-7.1	N	6.3	Y	N	N
R1384	29	88.8	Choi Po Court	71.7	58.3	0.0	58.1	35.2	0.0	61.9	0.0	63.4	64.6	70	N	-7.1	N	6.3	Y	N	N
R1384	30	91.5	Choi Po Court	71.7	58.3	0.0	58.1	35.2	0.0	62.0	0.0	63.5	64.6	70	N	-7.1	N	6.3	Y	N	N
R1384	31	94.2	Choi Po Court	71.7	58.3	0.0	58.1	35.2	0.0	62.0	0.0	63.5	64.6	70	N	-7.1	N	6.3	Y	N	N
R1384	32	96.9	Choi Po Court	71.7	58.2	0.0	58.1	35.3	0.0	62.1	0.0	63.6	64.7	70	N	-7.0	N	6.5	Y	N	N
R1384	33	99.6	Choi Po Court	71.7	58.3	0.0	58.1	35.5	0.0	62.2	0.0	63.6	64.7	70	N	-7.0	N	6.4	Y	N	N
R1384	34	102.3	Choi Po Court	71.6	58.3	0.0	58.0	35.6	0.0	62.2	0.0	63.6	64.7	70	N	-6.9	N	6.4	Y	N	N
R1384	35	105.0	Choi Po Court	71.6	58.4	0.0	58.1	35.7	0.0	62.3	0.0	63.7	64.8	70	N	-6.8	N	6.4	Y	N	N
R1385	1	13.2	Choi Po Court	72.4	68.0	0.0	44.9	23.4	0.0	52.7	0.0	53.4	68.2	70	N	-4.2	N	0.2	N	N	N
R1385	2	15.9	Choi Po Court	73.1	68.4	0.0	46.1	24.6	0.0	53.4	0.0	54.2	68.6	70	N	-4.5	N	0.2	N	N	N
R1385	3	18.6	Choi Po Court	74	69.1	0.0	47.4	25.7	0.0	54.0	0.0	54.9	69.2	70	N	-4.8	N	0.1	N	N	N
R1385	4	21.3	Choi Po Court	74.6	69.6	0.0	49.0	27.0	0.0	54.7	0.0	55.7	69.8	70	N	-4.8	N	0.2	N	N	N
R1385	5	24.0	Choi Po Court	75.4	70.1	0.0	50.7	29.0	0.0	55.4	0.0	56.7	70.3	70	N	-5.1	N	0.2	N	N	N
R1385	6	26.7	Choi Po Court	76	70.3	0.0	52.2	30.0	0.0	56.1	0.0	57.6	70.5	70	Y	-5.5	N	0.2	N	N	N
R1385	7	29.4	Choi Po Court	76.6	70.4	0.0	53.7	32.0	0.0	57.0	0.0	58.7	70.7	70	Y	-5.9	N	0.3	N	N	N
R1385	8	32.1	Choi Po Court	77	70.5	0.0	55.3	33.2	0.0	57.8	0.0	59.7	70.9	70	Y	-6.1	N	0.4	N	N	N
R1385	9	34.8	Choi Po Court	77.3	70.6	0.0	56.5	33.9	0.0	58.7	0.0	60.8	71.1	70	Y	-6.2	N	0.5	N	N	N
R1385	10	37.5	Choi Po Court	77.4	70.7	0.0	57.3	34.3	0.0	59.7	0.0	61.7	71.2	70	Y	-6.2	N	0.5	N	N	N
R1385	11	40.2	Choi Po Court	77.6	70.8	0.0	58.1	34.7	0.0	60.3	0.0	62.3	71.4	70	Y	-6.2	N	0.6	N	N	N
R1385	12	42.9	Choi Po Court	77.7	70.9	0.0	58.9	34.8	0.0	60.9	0.0	63.0	71.5	70	Y	-6.2	N	0.6	N	N	N
R1385	13	45.6	Choi Po Court	77.7	70.9	0.0	59.4	34.9	0.0	61.5	0.0	63.6	71.7	70	Y	-6.0	N	0.8	N	N	N
R1385	14	48.3	Choi Po Court	77.7	71.0	0.0	59.7	35.0	0.0	61.9	0.0	64.0	71.8	70	Y	-5.9	N	0.8	N	N	N
R1385	15	51.0	Choi Po Court	77.8	71.1	0.0	60.0	35.1	0.0	62.3	0.0	64.3	72.0	70	Y	-5.8	N	0.9	N	N	N
R1385	16	53.7	Choi Po Court	77.8	71.3	0.0	60.3	35.1	0.0	62.7	0.0	64.7	72.1	70	Y	-5.7	N	0.8	N	N	N
R1385	17	56.4	Choi Po Court	77.8	71.4	0.0	60.4	35.1	0.0	63.0	0.0	64.9	72.3	70	Y	-5.5	N	0.9	N	N	N
R1385	18	59.1	Choi Po Court	77.8	71.5	0.0	60.5	35.0	0.0	63.3	0.0	65.2	72.4	70	Y	-5.4	N	0.9	N	N	N
R1385	19	61.8	Choi Po Court	77.8	71.8	0.0	60.8	35.0	0.0	63.6	0.0	65.4	72.7	70	Y	-5.1	N	0.9	N	N	N
R1385	20	64.5	Choi Po Court	77.8	72.0	0.0	60.8	35.0	0.0	63.9	0.0	65.6	72.9	70	Y	-4.9	N	0.9	N	N	N
R1385	21	67.2	Choi Po Court	77.8	72.2	0.0	60.9	35.1	0.0	64.1	0.0	65.8	73.1	70	Y	-4.7	N	0.9	N	N	N
R1385	22	69.9	Choi Po Court	77.7	72.4	0.0	61.1	35.1	0.0	64.2	0.0	65.9	73.3	70	Y	-4.4	N	0.9	N	N	N
R1385	23	72.6	Choi Po Court	77.7	72.5	0.0	61.2	35.1	0.0	64.3	0.0	66.0	73.4	70	Y	-4.3	N	0.9	N	N	N
R1385	24	75.3	Choi Po Court	77.7	72.7	0.0	61.3	35.1	0.0	64.4	0.0	66.2	73.5	70	Y	-4.2	N	0.8	N	N	N
R1385	25	78.0	Choi Po Court	77.7	72.8	0.0	61.4	35.2	0.0	64.6	0.0	66.3	73.7	70	Y	-4.0	N	0.9	N	N	N
R1385	26	80.7	Choi Po Court	77.7	72.9	0.0	61.4	35.1	0.0	64.7	0.0	66.4	73.8	70	Y	-3.9	N	0.9	N	N	N
R1385	27	83.4	Choi Po Court	77.7	73.0	0.0	61.4	35.2	0.0	64.8	0.0	66.4	73.9	70	Y	-3.8	N	0.9	N	N	N
R1385	28	86.1	Choi Po Court	77.7	73.1	0.0	61.5	35.2	0.0	64.9	0.0	66.5	74.0	70	Y	-3.7	N	0.9	N	N	N
R1385	29	88.8	Choi Po Court	77.7	73.2	0.0	61.5	35.3	0.0	65.1	0.0	66.6	74.1	70	Y	-3.6	N	0.9	N	N	N
R1385	30	91.5	Choi Po Court	77.7	73.3	0.0	61.5	35.4	0.0	65.2	0.0	66.7	74.2	70	Y	-3.5	N	0.9	N	N	N
R1385	31	94.2	Choi Po Court	77.7	73.4	0.0	61.5	35.5	0.0	65.4	0.0	66.9	74.3	70	Y	-3.4	N	0.9	N	N	N
R1385	32	96.9	Choi Po Court	77.6	73.4	0.0	61.5	35.4	0.0	65.6	0.0	67.0	74.3	70	Y	-3.3	N	0.9	N	N	N
R1385	33	99.6	Choi Po Court	77.6	73.5	0.0	61.5	35.6	0.0	65.7	0.0	67.1	74.4	70	Y	-3.2	N	0.9	N	N	N
R1385	34	102.3	Choi Po Court	77.6	73.6	0.0	61.5	35.7	0.0	65.8	0.0	67.1	74.5	70	Y	-3.1	N	0.9	N	N	N
R1385	35	105.0	Choi Po Court	77.5	73.7	0.0	61.5	35.8	0.0	66.0	0.0	67.3	74.6	70	Y	-2.9	N	0.9	N	N	N
R1387	1	12.9	Choi Yuen Estate	76.3	73.8	0.0	55.5	0.0	0.0	50.6	0.0	56.7	73.9	70	Y	-2.4	N	0.1	N	N	N
R1387	2	15.6	Choi Yuen Estate	76.6	74.0	0.0	56.6	0.0	0.0	53.9	0.0	58.5	74.1	70	Y	-2.5	N	0.1	N	N	N
R1387	3	18.3	Choi Yuen Estate	77.1	74.6	0.0	58.2	0.0	0.0	57.6	0.0	60.9	74.8	70	Y	-2.3	N	0.2	N	N	N
R1387	4	21.0	Choi Yuen Estate	77.5	75.2	0.0	58.7	0.0	0.0	58.4	0.0	61.6	75.4	70	Y	-2.1	N	0.2	N	N	N
R1387	5	23.7	Choi Yuen Estate	77.9	75.8	0.0	59.3	0.0	0.0	59.3	0.0	62.3	76.0	70	Y	-1.9	N	0.2	N	N	N
R1387	6	26.4	Choi Yuen Estate	78.2	76.0	0.0	60.2	0.0	0.0	60.3	0.0	63.3	76.2	70	Y	-2.0	N	0.2	N	N	N
R1387	7	29.1	Choi Yuen Estate	78.5	76.2	0.0	60.7	0.0	0.0	61.2	0.0	64.0	76.5	70	Y	-2.0	N	0.3	N	N	N
R1387	8	31.8	Choi Yuen Estate	78.9	76.4	0.0	61.3	0.0	0.0	61.8	0.0	64.6	76.7	70	Y	-2.2	N	0.3	N	N	N
R1387	9	34.5	Choi Yuen Estate	79.3	76.8	0.0	62.0	0.0	0.0	62.4	0.0	65.2	77.1	70	Y	-2.2	N	0.3	N	N	N
R1387	10	37.2	Choi Yuen Estate	79.6	77.3	0.0	62.7	0.0	0.0	62.7	0.0	65.7	77.6	70	Y	-2.0	N	0.3	N	N	N
R1387	11	39.9	Choi Yuen Estate	79.9	77.9	0.0	63.3	0.0	0.0	63.1	0.0	66.2	78.2	70	Y	-1.7	N	0.3	N	N	N
R1387	12	42.6	Choi Yuen Estate	80.1	78.3	0.0	63.7	0.0	0.0	63.3	0.0	66.5	78.6	70	Y	-1.5	N	0.3	N	N	N
R1387	13	45.3	Choi Yuen Estate	80.2	78.7	0.0	64.0	0.0	0.0	63.6	0.0	66.8	79.0	70	Y	-1.2	N	0.3	N	N	N
R1387	14	48.0	Choi Yuen Estate	80.2	79.0	0.0	64.3	0.0	0.0	63.8	0.0	67.0	79.3	70	Y	-0.9	N	0.3	N	N	N
R1387	15	50.7	Choi Yuen Estate	80.1	79.3	0.0	64.5	0.0	0.0	63.9	0.0	67.2	79.5	70	Y	-0.6	N	0.2	N	N	N
R1387	16	53.4	Choi Yuen Estate	80.1	79.4	0.0	64.6	0.0	0.0	64.0	0.0	67.3	79.7	70	Y	-0.4	N	0.3	N	N	N
R1387	17	56.1	Choi Yuen Estate	80	79.5	0.0	64.7	0.0	0.0	64.2	0.0	67.5	79.8	70	Y	-0.2	N	0.3	N	N	N
R1387	18	58.8	Choi Yuen Estate	80	79.5	0.0	64.9	0.0	0.0	64.5	0.0	67.7	79.8	70	Y	-0.2	N	0.3	N	N	N
R1387	19	61.5	Choi Yuen Estate	79.8	79.5	0.0	64.9	0.0	0.0	64.7	0.0	67.8	79.8	70	Y	0.0	N	0.3	N	N	N
R1387	20	64.2	Choi Yuen Estate	79.7	79.4	0.0	65.0	0.0	0.0	65.0	0.0	68.0	79.7	70	Y	0.0	N	0.3	N	N	N

Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: Po Shek Wu Interchange (Mitigated Case on Proposed Roads)

				WITHOUT PROJECT	WITH PROJECT																
Assessment Point			**Location**	**Overall Noise Level in 2044 dB(A) [A]**	**Existing Road in 2044 dB(A)**	**Other Roads in 2044 dB(A)[1]**	**New Roads[2]**						**Overall Noise Level in 2044 dB(A) [C]**	**Noise Criteria dB(A)**	**Exceedance B > Criteria (Y/N)**	**Check Project Impact Significance**		**Check Direct Mitigation**			**Further Mitigation Measures Required [4,5] (Y/N)**
ID	**Floor**	**Floor Level (mPD)**					**PD**	**DD**	**LD**	**EX**	**TR**	**New Roads in 2044 dB(A)[3] [B]**				**C - A dB(A) [D]**	**D ≥ 1.0 dB(A)**	**New Road Contribution dB(A) [E]**	**New Road Contribution ≥ 1.0 dB(A) E ≥ 1.0 dB(A)**	**New Road > Criteria B > Criteria**	
							dB (A)														
R1387	21	66.9	Choi Yuen Estate	79.6	79.4	0.0	65.1	0.0	0.0	65.2	0.0	68.1	79.7	70	Y	0.1	N	0.3	N	N	N
R1387	22	69.6	Choi Yuen Estate	79.5	79.3	0.0	65.1	0.0	0.0	65.5	0.0	68.3	79.6	70	Y	0.1	N	0.3	N	N	N
R1387	23	72.3	Choi Yuen Estate	79.4	79.2	0.0	65.1	0.0	0.0	65.7	0.0	68.4	79.5	70	Y	0.1	N	0.3	N	N	N
R1387	24	75.0	Choi Yuen Estate	79.3	79.1	0.0	65.1	0.0	0.0	66.0	0.0	68.6	79.5	70	Y	0.2	N	0.4	N	N	N
R1387	25	77.7	Choi Yuen Estate	79.2	79.0	0.0	65.1	0.0	0.0	66.2	0.0	68.7	79.4	70	Y	0.2	N	0.4	N	N	N
R1387	26	80.4	Choi Yuen Estate	79.1	78.9	0.0	65.1	0.0	0.0	66.2	0.0	68.7	79.3	70	Y	0.2	N	0.4	N	N	N
R1387	27	83.1	Choi Yuen Estate	79	78.8	0.0	65.0	0.0	0.0	66.3	0.0	68.7	79.2	70	Y	0.2	N	0.4	N	N	N
R1387	28	85.8	Choi Yuen Estate	78.9	78.7	0.0	65.0	0.0	0.0	66.3	0.0	68.7	79.1	70	Y	0.2	N	0.4	N	N	N
R1387	29	88.5	Choi Yuen Estate	78.8	78.6	0.0	65.0	0.0	0.0	66.4	0.0	68.8	79.1	70	Y	0.3	N	0.5	N	N	N
R1387	30	91.2	Choi Yuen Estate	78.6	78.5	0.0	64.9	0.0	0.0	66.4	0.0	68.7	78.9	70	Y	0.3	N	0.4	N	N	N
R1387	31	93.9	Choi Yuen Estate	78.5	78.4	0.0	64.9	0.0	0.0	66.4	0.0	68.7	78.8	70	Y	0.3	N	0.4	N	N	N
R1387	32	96.6	Choi Yuen Estate	78.5	78.3	0.0	64.8	0.0	0.0	66.3	0.0	68.7	78.7	70	Y	0.2	N	0.4	N	N	N
R1387	33	99.3	Choi Yuen Estate	78.4	78.2	0.0	64.8	0.0	0.0	66.4	0.0	68.7	78.7	70	Y	0.3	N	0.5	N	N	N
R1387	34	102.0	Choi Yuen Estate	78.3	78.1	0.0	64.7	0.0	0.0	66.4	0.0	68.6	78.6	70	Y	0.3	N	0.5	N	N	N
R1387	35	104.7	Choi Yuen Estate	78.2	78.0	0.0	64.7	0.0	0.0	66.4	0.0	68.6	78.5	70	Y	0.3	N	0.5	N	N	N

Note:

[1] Other Roads refer to planned road projects carried out by others such as Development of Lok Ma Chau Loop, Liantang / Heung Yuen Wai Boundary Control Point and Associated Works, Widening of Tolo Highway/Fanling Highway etc.

[2] PD - Primary Distributor Road; DD - District Distributor Road; LD - Local Distributor Road; EX - Expressway; TR - Trunk Roads.

[3] New Roads refer to the proposed road networks including planned internal roads within FLN NDA and modification of connecting roads to NDA.

[4] For landuse planned under NDA project, mitigation measures are required to mitigate the noise level to within noise criteria.

[5] For existing and planned NSRs outside and within the non-development area of NDA, Direct Mitigation Measures will be required when "With Project Overall Noise Level exceeds Noise Criteria" AND, either "With Project - Without Project Overall Noise Level ≥ 1.0 dB(A)" or "New Roads exceeds Noise Criteria" or "New Roads Contribution ≥ 1.0 dB(A)".