

ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE (CAP 499)
S.5 (1)(a)

PROJECT PROFILE
FOR
DESIGNATED PROJECT
ON

Tseung Kwan O Roads
D1, D8 and D10

NEW TERRITORIES EAST DEVELOPMENT OFFICE
TERRITORY DEVELOPMENT DEPARTMENT
April 2000

A BASIC INFORMATION

a) Project Title

Proposed Roads D1, D8 and D10 and associated junctions in Tseung Kwan O

b) Purpose and Nature of Project

The proposed roads D1, D8 and D10 and associated junctions in Tseung Kwan O New Town are required to connect the east Tseung Kwan O area from the proposed residential development in Area 86 via the town centre south to Tseung Kwan O Area 72. These roads are proposed in order to provide an efficient means of district transport network.

These three roads are in the existing Draft Tseung Kwan O Outline Zoning Plan No. S/TKO/7 gazetted on 20 August 1999. With the first population intake dates for Area 86 in 2003, it is intended that the proposed road works should be completed in phases between 2002 and 2007.

c) Name of Project Proponent

New Territories East Development Office of Territory Development Department

d) Location and Scale of Project and History of Site

The project limit of the proposed road works is shown in drawing no. TKZ0095. The proposed roads are 4-lane roads (2 lanes in each direction) that cover approximately 1.5 km, 0.3 km and 1.3 km for Roads D1, D8 and D10 respectively. They will be constructed mostly on existing or committed reclaimed land reserved for area shown as road on the Draft Tseung Kwan O Outline Zoning Plan No. S/TKO/07. No dredging or further reclamation is required.

Road D1 runs from south of the eastern roundabout of Road D4 (Town Centre section) alongside the eastern boundary of Area 65 and southern boundary of Areas 65, 66 and 67 to the roundabout junction with Road P2.

Road D8 runs across Area 72 to connect with the roundabout junction with Road P2 to Road D4.

Road D10 connects Road D1 to Wan Po Road. It runs on structure across the Eastern Drainage Channel, along the south western boundary of Tseung Kwan O Stage I Landfill (Area 77). Road D10 separates Area 86 from Area 77.

e) Number and Types of Designated Projects to be Covered by the Project Profile

These roads are classified as District Distributors by the Transport Department and hence considered as a Designated Project under Schedule 2 Item A.1 of the Environmental Impact Assessment Ordinance (Cap. 499). An Environmental Permit is required prior to commencement of works. This Project Profile describes the proposed

extent of works so that an Environmental Impact Assessment can be carried out to address the potential environmental impacts and to propose suitable mitigation measures where applicable.

f) Name and Telephone Numbers of Contact Persons

B OUTLINE OF PLANNING AND IMPLEMENTATION PROGRAMME

The following works packages and construction periods is proposed:

Road	Commencement Date	Completion Date
D1	December 2002 (Phase 1) December 2003 (Phase 2)	2005 (Phase 1) 2006/7 (Phase 2)
D8	December 2003	2006/7
D10	July 2002 (Phase 1) December 2003 (Phase 2)	2005 (Phase 1) 2006/7 (Phase 2)
Minor road junction improvement works at road junction of Road D10 / Wan Po Road, and road junctions along D1 and D8	2002	2009

No night-time construction activities are anticipated between 1900 and 0700 hours.

The project proponent will engage consultants to undertake the assessment of environmental impacts of Roads D1, D8 and D10.

C POSSIBLE IMPACT ON THE ENVIRONMENT

Identified environmental issues include air quality and noise impacts due to the road traffic during the operational phase and construction works during the construction phase. The visual and landscape impacts of the subject roads, including all related structures such as flyovers and noise barriers, both during construction and operation in different stages should be assessed. Potential impacts due to landfill gas hazards for Roads D1 and D10 within the 250m consultation zone from the boundary of the TKO Stage I Landfill should be addressed.

Foundation works for pile structure of Road D10 across the Eastern Drainage Channel will be carried out using bored pile method. No adverse water quality during construction is anticipated.

Other environmental impacts such as fugitive dust, construction noise, surface runoff, construction waste disposal are considered to be localised and short term only. Standard environmental clauses will be incorporated into the contract documents so as to control and minimise nuisances.

D MAJOR ELEMENTS OF THE SURROUNDING ENVIRONMENT

The proposed new roads runs through Areas 65, 66, 67, 72, 77 and 86 of Tseung Kwan O and potentially affect Areas 51, 55, 73, 74 and 85. These areas are residential in nature with some sensitive community facilities such as schools. Roads D1 and D10 run within the 250m consultation zone of the Tseung Kwan O Stage I Landfill. The roads are mainly on land except for a small section of approximately 160 m of Road D10 which passes over the Eastern Drainage Channel with piers located within the Channel. Some of the residential developments in the areas identified above are still under development and hence considered as planned sensitive receivers. Both existing and relevant planned sensitive receivers will be considered.

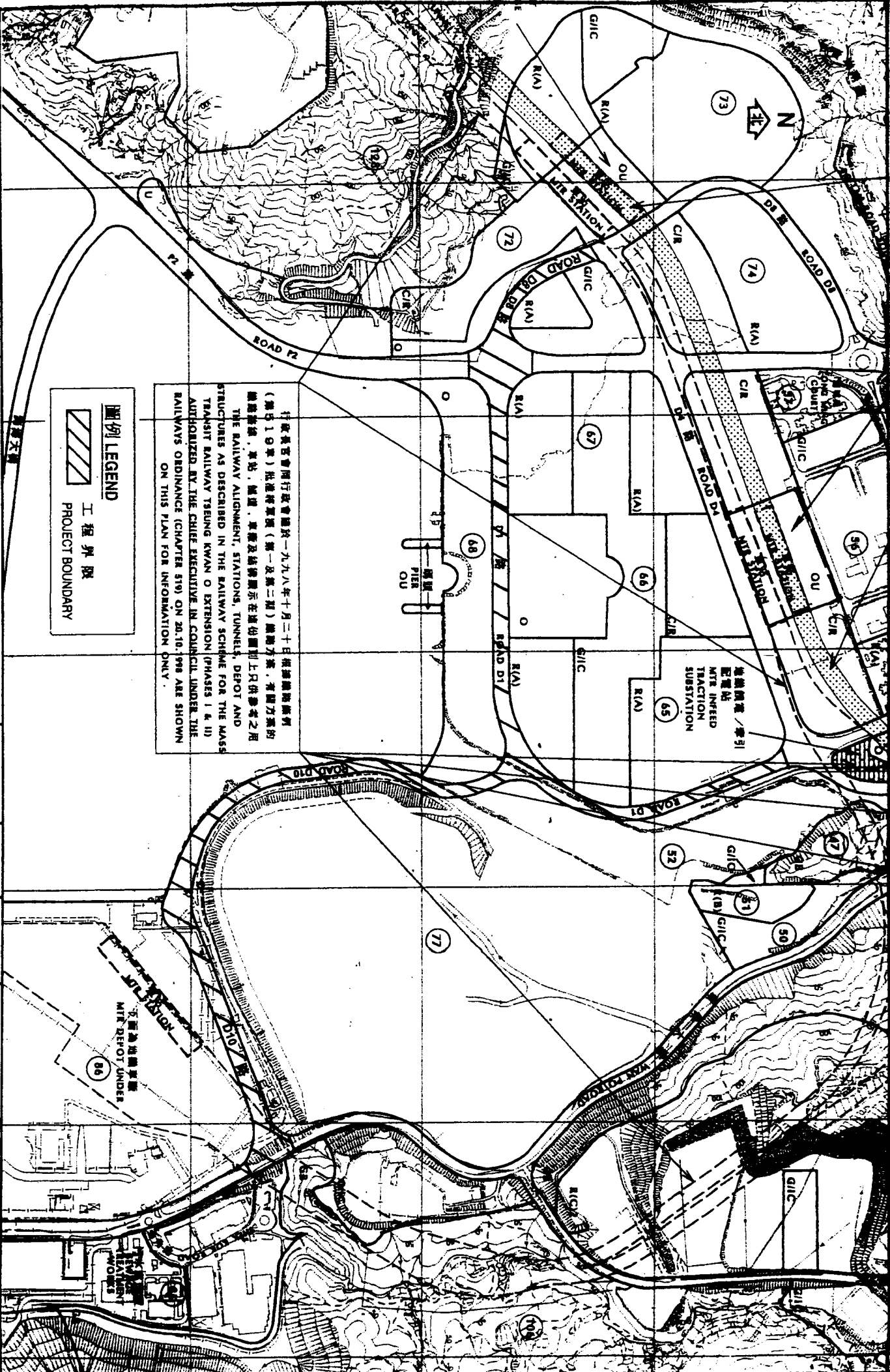
Major pollution sources around the area include the industrial estates in Areas 85 and 87, landfill site in Area 77, and the Sewage Treatment Plant in Area 85.

E ENVIRONMENTAL PROTECTION MEASURES TO BE INCORPORATED IN THE DESIGN AND ANY FURTHER ENVIRONMENTAL IMPLICATIONS

Standard environmental pollution control clauses will be used as contract conditions in order to minimize the construction phase impact. Further mitigation measure will be provided subject to the findings of the EIA study.


F USE OF PREVIOUSLY APPROVED EIA REPORTS

Nil.





行政長官會同行政會議於一九九八年十月二十日根據鐵路條例(第119章)批准將軍澳(第一及第二期)鐵路方案。有關方案包括鐵路網絡、車站、隧道、車廠及結構顯示在這份圖則上只供參考之用。THE RAILWAY ALIGNMENT, STATIONS, TUNNELS, DEPOT AND STRUCTURES AS DESCRIBED IN THE RAILWAY SCHEME FOR THE MASS TRANSIT RAILWAY TSEUNG KWAN O EXTENSION (PHASES I & II) AUTHORIZED BY THE CHIEF EXECUTIVE IN COUNCIL UNDER THE RAILWAYS ORDINANCE (CHAPTER 579) ON 20.10.1998 ARE SHOWN ON THIS PLAN FOR INFORMATION ONLY.

圖例 LEGEND

 工程界限
PROJECT BOUNDARY

圖別名稱 drawing title
將軍澳的D1號、D8號及D10號道路工程
CONSTRUCTION OF ROADS D1, D8 & D10, TSEUNG KWAN O

繪圖 drawn W. K. CHUI	簽署 initial 	日期 date 31.3.2000	比例 scale 1 : 10 000	辦事處 office 新界東拓展處 NT EAST DEVELOPMENT OFFICE
校對 checked K. C. LEUNG	簽署 initial 	日期 date 31.3.2000	圖則編號 drawing no. TKZ0095	拓展處 TERRITORY DEVELOPMENT DEPARTMENT