

Annex B

Operational Noise Results

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N101	1	30	68	68	30	68	68
	5	31	69	69	31	69	69
	10	31	70	70	31	70	70
N102	1	32	64	64	32	64	64
	5	33	65	65	33	65	65
	10	34	66	66	34	66	66
N103	1	40	68	68	40	68	68
	5	41	69	69	41	69	69
	10	43	70	70	43	70	70
N104	1	58	70	70	58	70	70
	5	58	70	70	58	70	70
	10	58	70	70	58	70	70
N105	1	52	66	66	52	66	66
	5	54	67	67	54	67	67
	10	55	67	68	55	67	68
N106	1	59	66	67	59	66	67
	5	60	67	68	60	67	68
	10	60	67	68	60	67	68
N107 (school)	1	52	64	65	52	64	65
	5	52	65	65	52	65	65
N108	1	42	65	65	42	64	64
	5	51	67	67	51	65	65
	10	59	68	68	59	66	67
N109	1	41	66	66	42	64	64
	5	50	67	67	50	66	66
	10	59	68	69	59	67	68
N110	1	44	63	63	45	63	63
	5	53	66	66	53	65	66
	10	60	68	68	60	67	67
N111	1	42	65	65	42	64	64
	5	50	66	66	50	66	66
	10	59	67	68	59	67	67
N112	1	44	69	69	44	69	69
	5	52	70	70	52	69	70
	10	60	70	70	60	70	70
N113	1	46	63	63	46	63	63
	5	53	65	65	53	65	65
	10	64	67	69	64	66	68
N114	1	66	63	68	66	63	68
	5	66	65	69	66	65	69
	10	66	67	70	66	67	69
N115	1	62	66	68	62	65	67
	5	62	68	69	62	67	68
	10	62	69	70	62	68	69
N201	1	49	74	74	49	66	66
	5	50	74	74	50	67	67
	10	51	73	73	51	66	66
	15	51	72	72	51	65	66
	20	52	72	72	52	65	65
	25	52	71	71	52	64	64
	30	52	70	70	52	64	64
	35	52	70	70	52	63	64
	40	52	69	69	52	63	63

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N202	1	60	76	76	59	63	65
	5	60	75	75	60	63	65
	10	59	74	74	59	63	65
	15	59	73	73	59	63	64
	20	59	73	73	59	63	64
	25	59	72	72	59	62	64
	30	59	71	71	59	62	64
	35	59	71	71	59	62	63
	40	59	70	71	58	61	63
N203	1	51	72	72	51	53	56
	5	52	72	72	52	55	57
	10	52	71	71	52	56	57
	15	52	70	70	52	56	58
	20	52	70	70	52	56	58
	25	52	69	69	52	56	58
	30	52	69	69	52	56	57
	35	52	68	68	52	56	57
	40	52	68	68	52	56	57
N204	1	61	75	76	61	65	66
	5	61	75	75	61	65	66
	10	60	74	74	60	65	66
	15	60	73	73	60	64	66
	20	60	72	73	60	64	65
	25	59	72	72	59	63	65
	30	59	71	71	59	63	65
	35	59	71	71	59	63	64
	40	59	70	70	59	62	64
N205	1	62	76	76	62	67	68
	5	62	75	75	62	68	69
	10	61	74	74	61	67	68
	15	61	73	74	61	67	68
	20	61	73	73	61	66	67
	25	60	72	72	60	66	67
	30	60	72	72	60	65	66
	35	60	71	71	60	65	66
	40	59	71	71	59	65	66
N206	1	60	72	72	60	65	67
	5	60	73	73	60	66	67
	10	61	72	73	61	67	68
	15	60	72	72	60	67	68
	20	60	71	72	60	67	68
	25	59	71	71	59	67	67
	30	59	70	71	59	66	67
	35	59	70	70	59	66	67
	40	58	69	70	58	65	66
N207 Kindergarden	1	48	72	72	48	65	65
	2	49	72	72	49	65	65

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N208	1	54	53	56	54	52	56
	5	53	58	59	53	57	58
	10	53	62	63	53	58	60
	15	53	64	64	53	59	60
	20	53	64	64	53	59	60
	25	53	64	64	53	60	61
	30	53	64	64	53	60	61
	35	53	64	64	53	60	61
N209	40	53	64	64	53	61	61
	1	56	64	65	56	64	64
	5	56	68	68	56	67	68
	10	56	70	70	56	68	68
	15	56	70	70	56	68	68
	20	56	69	70	56	68	68
	25	56	69	69	56	67	68
	30	55	69	69	55	67	67
N210	35	55	69	69	55	67	67
	40	55	68	68	55	66	67
	1	66	65	68	66	64	68
	5	65	68	70	65	68	70
	10	63	70	70	63	69	70
	15	62	70	70	62	68	69
	20	61	69	70	61	68	69
	25	60	69	69	60	67	68
N301 (Church)	30	60	68	69	60	67	68
	35	59	68	69	59	67	67
N302	40	58	68	68	58	66	67
	1	61	65	66	61	64	66
	5	63	68	69	63	67	69
N303	1	60	68	69	60	65	66
	5	61	71	72	61	70	70
	10	61	72	72	61	70	70
N304	1	54	73	73	35	63	63
	5	59	74	74	37	67	67
	10	59	74	74	37	67	67
N305	1	59	76	76	35	59	59
	5	59	75	76	38	64	64
	10	59	75	75	38	64	64
N305	1	72	74	76	72	62	72
	5	71	73	75	71	61	71
	10	71	73	75	71	61	71
N401	1	39	63	63	39	63	63
	5	41	68	68	41	68	68
	10	42	69	69	42	69	69
	15	42	69	69	42	69	69
	20	42	69	69	42	69	69
	25	42	69	69	42	69	69
	30	42	69	69	42	69	69
	36	42	68	68	42	68	68

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N402	1	53	65	66	53	65	66
	5	58	70	70	58	70	70
	10	62	71	71	62	71	71
	15	65	71	72	65	71	72
	20	67	71	72	67	71	72
	25	67	71	72	67	71	72
	30	67	70	72	67	70	72
	36	67	70	72	67	70	72
N403	1	52	58	59	52	58	59
	5	56	65	65	56	65	65
	10	60	66	67	60	66	67
	15	62	67	68	62	67	68
	20	64	68	69	64	68	69
	25	65	68	69	65	68	69
	30	65	67	69	65	67	69
	36	65	67	69	65	67	69
N404	1	62	63	66	62	63	66
	5	66	68	70	66	68	70
	10	69	70	72	69	70	72
	15	70	69	73	70	69	73
	20	71	69	73	71	69	73
	25	71	69	73	71	69	73
	30	71	68	73	71	68	73
	36	71	68	73	71	68	73
N405	1	51	36	51	51	36	51
	5	54	36	54	54	36	54
	10	57	36	57	57	36	57
	15	59	36	59	59	36	59
	20	60	36	60	60	36	60
	25	61	36	61	61	36	61
	30	62	35	62	62	35	62
	36	63	35	63	63	35	63
N406	1	61	45	61	61	45	61
	5	66	54	66	66	54	66
	10	70	56	70	70	56	70
	15	71	58	71	71	58	71
	20	71	58	72	71	58	72
	25	71	59	72	71	59	72
	30	71	59	71	71	59	71
	36	71	59	71	71	59	71
N501	1	40	68	68	40	68	68
	5	40	70	70	40	70	70
	10	40	70	70	40	70	70
	15	39	70	70	39	70	70
	20	39	69	69	39	69	69
	25	40	69	69	40	69	69
	30	43	68	68	43	68	68
	35	45	68	68	45	68	68
	40	50	67	68	50	67	68

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N502	1	41	66	66	41	66	66
	5	41	67	67	41	67	67
	10	40	68	68	40	68	68
	15	39	68	68	39	68	68
	20	39	67	67	39	67	67
	25	40	67	67	40	67	67
	30	42	66	66	42	66	66
	35	45	66	66	45	66	66
	40	53	66	66	53	66	66
N503	1	68	72	72	68	72	72
	5	69	74	75	69	74	75
	10	69	73	74	69	73	74
	15	68	72	74	68	72	74
	20	68	71	73	68	71	73
	25	67	71	72	67	71	72
	30	66	70	72	66	70	72
	35	66	70	71	66	70	71
	40	65	70	71	65	70	71
N504	1	67	68	71	67	68	71
	5	74	69	75	74	69	75
	10	75	69	76	75	69	76
	15	75	68	75	75	68	75
	20	74	68	75	74	68	75
	25	73	67	74	73	67	74
	30	73	67	74	73	67	74
	35	72	66	73	72	66	73
	40	72	66	73	72	66	73
N505	1	57	54	59	57	54	59
	5	62	58	64	62	58	64
	10	68	58	68	68	58	68
	15	71	59	71	71	59	71
	20	71	59	71	71	59	71
	25	70	59	71	70	59	71
	30	70	59	70	70	59	70
	35	70	58	70	70	58	70
	40	69	58	70	69	58	70
N506	1	66	59	67	66	59	67
	5	71	61	72	71	61	72
	10	73	61	74	73	61	74
	15	73	61	73	73	61	73
	20	73	61	73	73	61	73
	25	72	61	72	72	61	72
	30	72	60	72	72	60	72
	35	71	60	71	71	60	71
	40	71	60	71	71	60	71
N601	1	0	64	64	0	58	58
	5	0	66	66	0	60	60
	10	0	70	70	0	63	63
	15	0	72	72	0	65	65
	20	0	73	73	0	65	65
	25	0	73	73	0	65	65
	30	0	73	73	0	66	66
	35	0	74	74	0	66	66
	40	0	73	73	0	66	66
45	0	73	73	0	66	66	

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N602	1	0	66	66	0	64	64
	5	0	70	70	0	65	65
	10	0	74	74	0	68	68
	15	0	75	75	0	69	69
	20	0	76	76	0	69	69
	25	0	76	76	0	69	69
	30	0	75	75	0	70	70
	35	0	75	75	0	70	70
	40	0	75	75	0	70	70
	45	0	74	74	0	70	70
N603	1	0	69	69	0	68	68
	5	0	71	71	0	69	69
	10	0	74	74	0	69	69
	15	0	76	76	0	69	69
	20	0	75	75	0	68	68
	25	0	75	75	0	69	69
	30	0	75	75	0	69	69
	35	0	74	74	0	69	69
	40	0	74	74	0	69	69
	45	0	73	73	0	69	69
N604	1	57	67	68	57	66	66
	5	57	70	70	57	69	69
	10	57	72	72	57	68	69
	15	56	75	75	56	68	68
	20	55	75	75	55	67	68
	25	54	75	75	54	67	67
	30	54	75	75	54	66	67
	35	53	74	74	53	66	66
	40	53	74	74	53	66	66
	45	52	73	73	52	66	66
N605	1	71	57	71	71	54	71
	5	71	58	71	71	55	71
	10	70	59	71	70	56	70
	15	70	60	70	70	57	70
	20	69	60	70	69	58	70
	25	69	61	69	69	58	69
	30	68	61	69	68	59	69
	35	68	62	69	68	60	68
	40	67	63	69	67	60	68
	45	67	63	69	67	61	68
N606	1	74	54	74	74	54	74
	5	74	55	74	74	55	74
	10	74	56	74	74	56	74
	15	73	57	73	73	57	73
	20	73	57	73	73	57	73
	25	72	58	72	72	58	72
	30	72	58	72	72	58	72
	35	71	59	72	71	59	72
	40	71	59	71	71	59	71
	45	70	60	71	70	60	71
N607 (school)	1	0	66	66	0	60	60
	5	0	70	70	0	64	64
N608 (school)	1	0	61	61	0	57	57
	5	0	67	67	0	63	63
N609 (school)	1	56	61	62	50	57	58
	5	61	67	68	54	62	62
N610 (school)	1	57	59	61	55	59	61
	5	59	66	67	59	63	65

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N701	1	0	73	73	0	61	61
	5	0	75	75	0	63	63
	10	0	75	75	0	66	66
	15	0	76	76	0	68	68
	20	0	75	75	0	69	69
	25	0	75	75	0	69	69
	30	0	75	75	0	69	69
	35	0	74	74	0	68	68
N702	1	0	71	71	0	66	66
	5	0	74	74	0	66	66
	10	0	74	74	0	66	66
	15	0	75	75	0	67	67
	20	0	75	75	0	68	68
	25	0	75	75	0	68	68
	30	0	75	75	0	68	68
	35	0	74	74	0	68	68
N703	1	0	73	73	0	68	68
	5	0	74	74	0	69	69
	10	0	74	74	0	69	69
	15	0	74	74	0	69	69
	20	0	74	74	0	69	69
	25	0	74	74	0	69	69
	30	0	74	74	0	69	69
	35	0	73	73	0	69	69
N704	1	0	69	69	0	69	69
	5	0	71	71	0	70	70
	10	0	71	71	0	70	70
	15	0	71	71	0	70	70
	20	0	71	71	0	70	70
	25	0	70	70	0	69	69
	30	0	70	70	0	69	69
	35	0	70	70	0	69	69
N801 (school)	1	62	67	68	63	62	65
	5	63	68	69	63	64	67
N802 (school)	1	63	63	66	63	60	65
	5	70	65	72	69	65	70
N803	1	66	56	66	66	56	66
	5	69	60	69	69	60	69
	10	73	61	73	73	61	73
	15	72	61	73	72	61	73
	20	72	61	72	72	61	72
	25	71	61	71	71	61	71
	30	71	61	71	71	61	71
	35	70	61	70	70	61	70
N901	1	0	61	61	0	61	61
	5	0	61	61	0	61	61
	10	0	61	61	0	61	61

Table B1 Predicted Noise Levels - Unmitigated and Mitigated

NSR	Floor	Unmitigated			Mitigated		
		Existing	New	Total	Existing	New	Total
N902	1	0	66	66	0	66	66
	5	0	66	66	0	66	66
	10	0	66	66	0	66	66
N903	1	0	69	69	0	69	69
	5	0	69	69	0	69	69
	10	0	69	69	0	69	69
N1001	1	0	68	68	0	54	54
	5	0	80	80	0	54	54
	10	0	82	82	0	56	56
	15	0	80	80	0	61	61
	20	0	79	79	0	63	63
	25	0	78	78	0	68	68
	30	0	78	78	0	69	69
	35	0	77	77	0	72	72
	40	0	76	76	0	74	74
45	0	76	76	0	74	74	
N1002	1	0	67	67	0	55	55
	5	0	72	72	0	56	56
	10	0	77	77	0	59	59
	15	0	78	78	0	61	61
	20	0	78	78	0	63	63
	25	0	77	77	0	64	64
	30	0	77	77	0	64	64
	35	0	76	76	0	64	64
	40	0	76	76	0	65	65
45	0	75	75	0	65	65	
N1003	1	0	67	67	0	55	55
	5	0	75	75	0	56	56
	10	0	80	80	0	59	59
	15	0	80	80	0	62	62
	20	0	79	79	0	64	64
	25	0	78	78	0	66	66
	30	0	77	77	0	67	67
	35	0	77	77	0	68	68
	40	0	76	76	0	70	70
45	0	75	75	0	71	71	
N1004	1	58	64	65	0	61	61
	5	58	65	66	0	62	62
	10	58	68	69	0	65	65
	15	58	71	71	0	67	67
	20	58	72	73	0	68	68
	25	58	73	73	0	69	69
	30	58	73	73	0	69	69
	35	58	73	74	0	70	70
	40	58	73	73	0	69	69
45	57	73	73	57	69	69	

Notes:

- (1) Noise levels predicted to exceed EIAO-TM criteria are indicated using bold type face.
- (2) EIAO-TM road traffic noise criterion for residential uses is 70 dB(A) $L_{A10}(1 \text{ hour})_{\text{facade}}$
- (3) EIAO-TM criterion road traffic noise for schools and churches uses is 65 dB(A) $L_{A10}(1 \text{ hour})_{\text{facade}}$
- (4) EIAO-TM criteria apply for sensitive uses which rely on open window ventilation.

Table B2 Effectiveness of the Proposed Noise Mitigation

AP	Dwellings					Classrooms					Churches							
	Total	Unmitigated >70dB(A)	Mitigated >70dB(A)	Residual	Protected	Benefited >1dB(A)	Total	Unmitigated >85dB(A)	Mitigated >85dB(A)	Residual	Protected	Benefited >1dB(A)	Total	Unmitigated >85dB(A)	Mitigated >85dB(A)	Residual	Protected	Benefited >1dB(A)
N101	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N102	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N103	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N104	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N105	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N106	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N107	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0
N108	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
N109	7	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
N110	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N111	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N112	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N113	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N114	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N115	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
N201	80	50	0	0	50	80	0	0	0	0	0	0	0	0	0	0	0	0
N202	80	80	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0
N203	80	20	0	0	20	80	0	0	0	0	0	0	0	0	0	0	0	0
N204	80	70	0	0	70	80	0	0	0	0	0	0	0	0	0	0	0	0
N205	80	80	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0
N206	80	60	0	0	60	80	0	0	0	0	0	0	0	0	0	0	0	0
N207	0	0	0	0	0	0	4	4	0	0	4	4	0	0	0	0	0	0
N208	80	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0
N209	80	0	0	0	0	74	0	0	0	0	0	0	0	0	0	0	0	0
N210	80	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0
N301	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
N302	120	96	0	0	96	120	0	0	0	0	0	0	0	0	0	0	0	0
N303	80	80	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0
N304	40	40	0	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0
N305	40	40	40	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0
N401	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N402	72	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N403	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N404	72	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N405	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N406	72	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N501	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N502	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N503	80	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N504	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N505	40	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N506	76	72	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N601	180	140	0	0	140	180	0	0	0	0	0	0	0	0	0	0	0	0
N602	180	160	0	0	160	180	0	0	0	0	0	0	0	0	0	0	0	0
N603	180	172	0	0	172	180	0	0	0	0	0	0	0	0	0	0	0	0
N604	180	160	0	0	160	180	0	0	0	0	0	0	0	0	0	0	0	0
N605	90	20	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
N606	90	90	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N607	0	0	0	0	0	0	6	6	0	6	6	0	0	0	0	0	0	0
N608	0	0	0	0	0	0	36	18	0	18	36	0	0	0	0	0	0	0
N609	0	0	0	0	0	0	6	3	0	3	6	0	0	0	0	0	0	0
N610	0	0	0	0	0	0	6	3	0	3	3	0	0	0	0	0	0	0
N701	70	70	0	0	70	70	0	0	0	0	0	0	0	0	0	0	0	0
N702	70	70	0	0	70	70	0	0	0	0	0	0	0	0	0	0	0	0
N703	70	70	0	0	70	70	0	0	0	0	0	0	0	0	0	0	0	0
N704	70	66	0	0	66	66	0	0	0	0	0	0	0	0	0	0	0	0
N801	0	0	0	0	0	0	6	6	3	3	3	6	0	0	0	0	0	0
N802	0	0	0	0	0	0	36	36	18	18	18	36	0	0	0	0	0	0
N803	140	100	80	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0
N901	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N902	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N903	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N1001	180	172	60	0	112	180	0	0	0	0	0	0	0	0	0	0	0	0
N1002	180	172	0	0	172	180	0	0	0	0	0	0	0	0	0	0	0	0
N1003	180	172	20	0	152	180	0	0	0	0	0	0	0	0	0	0	0	0
N1004	180	140	0	0	140	180	0	0	0	0	0	0	0	0	0	0	0	0
Totals	3851	2813	723	204	2090	2700	136	76	21	21	55	97	1	1	1	1	0	0

Notes

- (i) Total = the total number of each type of NSR (ie dwelling, classroom or church) considered in this assessment
(ii) Unmitigated >70 dB(A) = the number of NSRs which are likely to be exposed to criteria exceedances if noise barriers are not provided.
(iii) Mitigated >70 dB(A) = the number of NSRs which are likely to be exposed to criteria exceedances if noise barriers are provided.
(iv) Residual impacts = as (iii) but only includes those attributable to the Western Coast Road (ie excludes those where noise from existing unaltered roads dominates).
(v) Protected = the number of NSRs which will be protected from criteria exceedances as a result of the proposed noise barriers.
(vi) Benefited = the number of NSRs which will experience a reduction in noise level of at least 1dB(A) as a result of the proposed noise barriers (this will include some NSRs which fall within category (v)).

3013 3014	1	1600.0	70.0	16.00	1.3	74.20	2.8	0.4	-3.5	-7.3	-31.0	-30.3	0.0	2.5	0.0	
3013 3014	Category: N	Noise Level:	7.8	Warning: Segment angle less than 2°.												
3012 3013	1	1600.0	70.0	16.00	0.4	74.20	2.8	0.1	-3.5	-8.8	-23.3	-30.3	0.0	2.5	0.0	13.7
3012 3013	Category: N	Noise Level:	13.7	Warning: Segment angle less than 2°.												
3047 3048	1	1000.0	70.0	30.00	2.5	72.20	4.4	0.0	-3.5	-7.4	-27.2	-30.1	0.0	2.5	0.0	10.7
3047 3048	Category: N	Noise Level:	10.9	Warning: Segment angle less than 2°.												
3011 3012	1	1600.0	70.0	16.00	1.1	74.20	2.8	0.3	-3.5	-11.8	-20.7	-30.3	0.0	2.5	0.0	13.5
3011 3012	Category: N	Noise Level:	13.5	Warning: Segment angle less than 2°.												
8006 8010	Category: U	Warning: Flow too low for CRTN - segment ignored.														
3048 3049	1	1000.0	70.0	30.00	2.6	72.20	4.4	0.0	-3.5	-7.1	-31.3	-30.1	0.0	2.5	0.0	7.7
3048 3049	Category: N	Noise Level:	7.1	Warning: Segment angle less than 2°.												
6017 6016	Category: U	Not in view of receiver														

Total contribution from :
Unaltered 67.6
Altered 0.0
New 71.7
OVERALL 73.1

Receiver no N402:
X=842746.1 Y=817422.3 Z= 50.0 Height= 50.0

Road Segment	Sub Segment	Flow	Speed	%Heavy	Gradient	Basic Noise Level	Corrections										Total
						Level	Speed	Gradient	Surface	Distance	Angle of View	Barrier Cover	Ground	Facade	Refle	ction	Toti
6017 6018	1	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-18.9	-30.1	0.0	2.5	1.5	27.0	
6017 6018	2	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-16.8	-10.3	0.0	2.5	1.5	48.9	
6017 6018	3	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-17.3	-10.4	0.0	2.5	1.5	48.7	
6017 6018	4	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-17.3	-10.3	0.0	2.5	1.5	48.1	
6017 6018	5	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-14.5	-10.2	0.0	2.5	1.5	51.5	
6017 6018	6	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-12.3	-8.9	0.0	2.5	1.5	54.8	
6017 6018	7	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-17.3	-7.5	0.0	2.5	1.5	51.2	
6017 6018	8	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-13.8	-6.1	0.0	2.5	1.5	56.1	
6017 6018	9	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-20.1	-5.1	0.0	2.5	1.5	50.1	
6017 6018	10	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-14.0	-4.8	0.0	2.5	1.5	57.2	
6017 6018	11	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-14.0	-3.4	0.0	2.5	1.5	58.6	
6017 6018	12	3000.0	50.0	22.50	4.5	77.00	2.3	1.4	-1.0	-7.7	-10.2	-1.1	0.0	2.5	1.5	64.7	
6017 6018	Category: U	Noise Level:	67.4														
1104 6018	1	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-16.6	0.0	0.0	2.5	1.5	55.1	
1104 6018	2	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-10.7	-0.1	0.0	2.5	1.5	61.7	
1104 6018	3	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-19.3	-0.2	0.0	2.5	1.5	53.0	
1104 6018	4	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-18.4	-0.3	0.0	2.5	1.5	53.1	
1104 6018	5	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-12.0	-0.5	0.0	2.5	0.0	58.1	
1104 6018	6	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-17.8	-0.8	0.0	2.5	0.0	52.4	
1104 6018	7	1900.0	50.0	17.00	2.1	75.00	1.5	0.6	-1.0	-7.6	-11.6	-0.7	0.0	2.5	0.0	58.7	
1104 6018	Category: N	Noise Level:	65.9														
6018 1158	1	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-18.1	-0.2	0.0	2.5	1.5	53.1	
6018 1158	2	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-11.6	-0.1	0.0	2.5	1.5	59.1	
6018 1158	3	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-19.5	0.0	0.0	2.5	1.5	51.9	
6018 1158	4	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-18.6	0.0	0.0	2.5	1.5	52.8	
6018 1158	5	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-12.0	0.0	0.0	2.5	0.0	57.5	
6018 1158	6	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-18.2	0.0	0.0	2.5	0.0	51.1	
6018 1158	7	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-15.9	0.0	0.0	2.5	1.5	55.5	
6018 1158	8	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.6	-17.8	0.0	0.0	2.5	1.5	53.6	
6018 1158	Category: N	Noise Level:	64.5														
1103 1104	1	1900.0	50.0	17.00	0.0	75.00	1.5	0.0	-1.0	-7.6	-9.3	-0.7	0.0	2.5	0.0	60.4	
1103 1104	Category: N	Noise Level:	60.4														
1102 1103	1	1900.0	50.0	17.00	0.0	75.00	1.5	0.0	-1.0	-7.8	-12.9	-1.2	0.0	2.5	0.0	56.1	
1102 1103	2	1900.0	50.0	17.00	0.0	75.00	1.5	0.0	-1.0	-7.8	-19.2	-5.0	0.0	2.5	0.0	46.0	
1102 1103	Category: N	Noise Level:	56.5														
1155 1156	1	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.7	-13.1	0.0	0.0	2.5	1.5	56.6	
1155 1156	2	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.7	-16.5	0.0	0.0	2.5	1.5	53.2	
1155 1156	Category: N	Noise Level:	58.2														
1154 1155	1	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.6	-18.1	0.0	0.0	2.5	1.5	51.7	
1154 1155	2	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.6	-16.4	0.0	0.0	2.5	1.5	53.4	
1154 1155	3	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.6	-15.4	0.0	0.0	2.5	1.5	54.4	
1154 1155	Category: N	Noise Level:	58.1														
1159 1160	1	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.7	-16.2	0.0	0.0	2.5	1.5	55.1	
1159 1160	2	1100.0	50.0	32.00	0.0	72.60	3.4	0.0	-1.0	-7.7	-17.6	0.0	0.0	2.5	1.5	53.7	
1159 1160	Category: N	Noise Level:	57.5														
1156 1157	1	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.4	-19.1	0.0	0.0	2.5	1.5	50.9	
1156 1157	2	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.4	-19.4	0.0	0.0	2.5	1.5	50.6	
1156 1157	3	1000.0	50.0	30.00	0.0	72.20	3.2	0.0	-1.0	-8.4	-17.8	0.0	0.0	2.5	1.5	52.2	
1156 1157	Category: N	Noise Level:	56.1														
1158 1159	1	1100.0	50.0	32.00	0.0	47.10	3.4	0.0	-1.0	0.0	0.0	0.0	0.0	2.5	0.0	52.0	
1158 1159	Category: N	Noise Level:	52.0	Warning: Source line passes close to receiver.													
1150 1151	1	1600.0	50.0	16.00	0.0	74.20	1.3	0.0	-1.0	-7.6	-17.4	0.0	0.0	2.5	1.5	53.5	
1150 1151	Category: N	Noise Level:	53.5														
3020 1150	1	1600.0	50.0	16.00	0.0	74.20	1.3	0.0	-1.0	-7.6	-17.4	0.0	0.0	2.5	0.0	52.0	
3020 1150	Category: N	Noise Level:	52.0														
3045 3046	1	1000.0	70.0	30.00	2.4	72.20	4.4	0.7	-3.5	-9.7	-19.5	-30.5	0.0	2.5	0.0	16.6	
3045 3046	Category: N	Noise Level:	16.6														
3046 3047	1	1000.0	70.0	30.00	3.1	72.20	4.4	0.0	-3.5	-7.3	-26.1	-30.5	0.0	2.5	0.0	11.7	
3046 3047	Category: N	Noise Level:	11.7	Warning: Segment angle less than 2°.													
3047 3048	1	1000.0	70.0	30.00	2.5	72.20	4.4	0.0	-3.5	-9.4	-23.5	-30.4	0.0	2.5	0.0	12.3	
3047 3048	Category: N	Noise Level:	12.3	Warning: Segment angle less than 2°.													

3048 3049	1	1000.0	70.0	30.00	2.6	72.20	4.4	0.0	-3.5	-9.0	-26.6	-30.4	0.0	2.5	0.0	9.6
3048 3049		Category: N	Noise Level:		9.6	Warning: Segment angle less than 2°.										
3049 3050	1	1000.0	70.0	30.00	1.2	72.20	4.4	0.0	-3.5	-12.8	-21.6	-30.4	0.0	2.5	0.0	10.8
3049 3050		Category: N	Noise Level:		10.8	Warning: Segment angle less than 2°.										

Total contribution from :
Unaltered 67.4
Altered 0.0
New 70.5
OVERALL 72.2

1150	1151	1	1600.0	50.0	16.00	0.0	74.20	1.3	0.0	-1.0	-7.6	-17.4	0.0	0.0	2.5	1.5	53.5
1150	1151		Category: N		Noise Level:	53.5											
3020	1150	1	1600.0	50.0	16.00	0.0	74.20	1.3	0.0	-1.0	-7.6	-17.4	0.0	0.0	2.5	0.0	52.0
3020	1150		Category: N		Noise Level:	52.0											
3045	3046	1	1000.0	70.0	30.00	2.4	72.20	4.4	0.7	-3.5	-9.7	-19.5	-30.5	0.0	2.5	0.0	16.6
3045	3046		Category: N		Noise Level:	16.6											
3046	3047	1	1000.0	70.0	30.00	3.1	72.20	4.4	0.0	-3.5	-7.3	-26.1	-30.5	0.0	2.5	0.0	11.7
3046	3047		Category: N		Noise Level:	11.7			Warning: Segment angle less than 2°.								
3047	3048	1	1000.0	70.0	30.00	2.5	72.20	4.4	0.0	-3.5	-9.4	-23.5	-30.4	0.0	2.5	0.0	12.3
3047	3048		Category: N		Noise Level:	12.3			Warning: Segment angle less than 2°.								
3048	3049	1	1000.0	70.0	30.00	2.6	72.20	4.4	0.0	-3.5	-9.0	-26.6	-30.4	0.0	2.5	0.0	9.6
3048	3049		Category: N		Noise Level:	9.6			Warning: Segment angle less than 2°.								
3049	3050	1	1000.0	70.0	30.00	1.2	72.20	4.4	0.0	-3.5	-12.8	-21.6	-30.4	0.0	2.5	0.0	10.8
3049	3050		Category: N		Noise Level:	10.8			Warning: Segment angle less than 2°.								
3014	3015		Category: N		Not in view of receiver												
8005	8006		Category: U		Not in view of receiver												
8006	8007		Category: N		Not in view of receiver												
3011	3012		Category: N		Not in view of receiver												
6017	6016		Category: U		Not in view of receiver												
3016	3017		Category: N		Not in view of receiver												
8007	8008		Category: N		Not in view of receiver												
8006	8010		Category: U		Not in view of receiver												
3013	3014		Category: N		Not in view of receiver												
3012	3013		Category: N		Not in view of receiver												
1151	1152		Category: N		Not in view of receiver												
3015	3016		Category: N		Not in view of receiver												

Total contribution from :

Unaltered	67.4
Altered	0.0
New	70.5
OVERALL	72.2

7106 7107	Category: N	Noise	Level:	43.2											
1025 1026 1	400	70	42	3.6	68.2	5.5	1.1	-1	-16.7	-16.6	-2.9	0	2.5	0	40.1
1025 1026	Category: N	Noise	Level:	40.1											
1024 1025 1	400	70	42	6.6	68.2	5.5	2	-1	-17.4	-16.9	-3.4	0	2.5	0	39.5
1024 1025	Category: N	Noise	Level:	39.5											
1019 1020 1	1200	50	20	3.8	73	2	0	-1	-16.6	-18.1	-2.7	0	2.5	0	39.1
1019 1020	Category: N	Noise	Level:	39.1											
1030 7201 1	500	70	20	1.4	69.2	3.3	0.4	-1	-15.5	-17.3	0	0	2.5	0	41.6
1030 7201	Category: N	Noise	Level:	41.6											
1027 1033 1	400	50	16	2.2	68.2	1.3	0	-1	-16.8	-16.4	0	0	2.5	0	37.8
1027 1033 2	400	50	16	2.2	68.2	1.3	0	-1	-16.8	-16.2	0	0	2.5	0	38
1027 1033	Category: N	Noise	Level:	40.9											
1015 1016 1	1200	50	20	4.6	73	2	0	-1	-18.9	-17.1	-4.3	0	2.5	0	36.2
1015 1016	Category: N	Noise	Level:	36.2											
1023 1024 1	400	70	42	4.8	68.2	5.5	1.4	-1	-18.6	-18.2	-4.1	0	2.5	0	35.7
1023 1024	Category: N	Noise	Level:	35.7											
1016 1017 1	1200	50	20	0.9	73	2	0	-1	-18.8	-17.9	-4.3	0	2.5	0	35.5
1016 1017	Category: N	Noise	Level:	35.5											
7201 7202 1	500	70	20	4.2	69.2	3.3	1.3	-1	-16.1	-19.5	0	0	2.5	0	39.7
7201 7202	Category: N	Noise	Level:	39.7											
1022 1023 1	400	70	42	6.6	68.2	5.5	2	-1	-19	-18.7	-8.1	0	2.5	0	31.4
1022 1023	Category: N	Noise	Level:	31.4											
7107 1030 1	700	70	17	0.3	70.7	2.9	0	-1	-17.1	-18.7	0	0	2.5	0	39.3
7107 1030	Category: N	Noise	Level:	39.3											
1017 1018 1	1200	50	20	2.2	73	2	0	-1	-18.4	-19.2	-4	0	2.5	0	34.9
1017 1018	Category: N	Noise	Level:	34.9											
6011 6012 1	3500	50	16	0.1	35.1	1.3	0	-1	0	0	0	0	2.5	0	37.9
6011 6012	Category: U	Noise	Level:	37.9											
1033 1034 1	8300	70	28	3.2	81.4	4.2	0.9	-1	-16.6	-19.9	-2.7	0	2.5	0	48.8
1033 1034	Category: N	Noise	Level:	48.8											
6010 6011 1	3500	50	16	0.2	77.6	1.3	0.1	-1	-11.8	-21.3	0	0	2.5	1.5	48.9
6010 6011	Category: U	Noise	Level:	48.9											
1028 1029 1	6700	70	29	2.9	80.5	4.3	0.9	-1	-16.4	-22.3	-2.6	0	2.5	0	45.9
1028 1029	Category: N	Noise	Level:	45.9											
1006 1010 1	5300	50	18	0.3	79.4	1.7	0.1	-1	-15.2	-20.9	-17.2	0	2.5	0	29.4
1006 1010	Category: N	Noise	Level:	29.4											
1010 1011 1	5300	50	18	0.2	79.4	1.7	0.1	-1	-16.5	-20.1	-18.7	0	2.5	0	27.4
1010 1011	Category: N	Noise	Level:	27.4											
1001 1002 1	3700	50	16	2.3	77.9	1.3	0.7	-1	-10.8	-27.7	-2.1	0	2.5	0	40.8
1001 1002	Category: N	Noise	Level:	40.8											
1000 1001 1	3700	50	16	1.3	77.9	1.3	0.4	-1	-10.9	-27.9	-0.4	0	2.5	0	41.9
1000 1001	Category: N	Noise	Level:	41.9											
7001 7100 1	700	70	17	1.6	70.7	2.9	0.5	-1	-14.3	-20.8	0	0	2.5	0	40.5
7001 7100	Category: N	Noise	Level:	40.5											
7102 7103 1	700	70	17	6.9	70.7	2.9	2.1	-1	-14.7	-21.6	0	0	2.5	0	40.9
7102 7103	Category: N	Noise	Level:	40.9											
7101 7102 1	700	70	17	2.7	70.7	2.9	0.8	-1	-9.8	-29.1	0	0	2.5	0	37
7101 7102	Category: N	Noise	Level:	37											

Total contribution from :

Unaltered 65.5

Altered 0

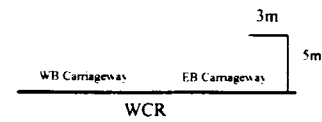
New 73.9

OVERAL 74.5

HFANOISE v1.10 RESULTS FILE : FULL OUTPUT

File : N205.DAT
Time : 18:27:52
Date : Friday, 16 April 1999

Lei Yue Mun Housing Site



Receiver no : N205
X=842741.4 Y=817272.2 Z= 32.0 Height= 86.2

Table with columns: Road Segment, Sub Segment, Flow, Speed, %Heavy, Gradient, Basic Noise Level, Speed, Gradient, Surface, Distance, Corrections (Angle of View, Barrier, Ground Cover, Facade, Reflection), Segment Total. Contains noise prediction data for various road segments.

1012 1013 1	2100	50	20	0	75.4	2	0	-1	-16.6	-18.1	-13.1	0	2.5	1.5	32.6
1012 1013	Category: N Noise		Level:	32.6											
1020 1021 1	1200	50	20	1.4	73	2	0	-1	-16.3	-16.6	-2.5	0	2.5	0	41.1
1020 1021	Category: N Noise		Level:	41.1											
6012 6019 1	3500	50	16	1.8	77.6	1.3	0.5	-1	-9.2	-20.8	0	0	2.5	1.5	52.4
6012 6019	Category: U Noise		Level:	52.4											
7104 7105 1	700	70	17	6	70.7	2.9	1.8	-1	-16.5	-17.2	-1.4	0	2.5	0	41.8
7104 7105	Category: N Noise		Level:	41.8											
7106 7107 1	700	70	17	1.5	70.7	2.9	0.5	-1	-17.6	-18.6	0	0	2.5	0	39.4
7106 7107 2	700	70	17	1.5	70.7	2.9	0.5	-1	-17.6	-17.1	0	0	2.5	0	40.9
7106 7107	Category: N Noise		Level:	43.2											
1025 1026 1	400	70	42	3.6	68.2	5.5	1.1	-1	-16.7	-16.6	-2.9	0	2.5	0	40.1
1025 1026	Category: N Noise		Level:	40.1											
1024 1025 1	400	70	42	6.6	68.2	5.5	2	-1	-17.4	-16.9	-3.4	0	2.5	0	39.5
1024 1025	Category: N Noise		Level:	39.5											
1019 1020 1	1200	50	20	3.8	73	2	0	-1	-16.6	-18.1	-2.7	0	2.5	0	39.1
1019 1020	Category: N Noise		Level:	39.1											
1030 7201 1	500	70	20	1.4	69.2	3.3	0.4	-1	-15.5	-17.3	0	0	2.5	0	41.6
1030 7201	Category: N Noise		Level:	41.6											
1027 1033 1	400	50	16	2.2	68.2	1.3	0	-1	-16.8	-16.4	0	0	2.5	0	37.8
1027 1033 2	400	50	16	2.2	68.2	1.3	0	-1	-16.8	-16.2	0	0	2.5	0	38
1027 1033	Category: N Noise		Level:	40.9											
1015 1016 1	1200	50	20	4.6	73	2	0	-1	-18.9	-17.1	-4.3	0	2.5	0	36.2
1015 1016	Category: N Noise		Level:	36.2											
1023 1024 1	400	70	42	4.8	68.2	5.5	1.4	-1	-18.6	-18.2	-4.1	0	2.5	0	35.7
1023 1024	Category: N Noise		Level:	35.7											
1016 1017 1	1200	50	20	0.9	73	2	0	-1	-18.8	-17.9	-4.3	0	2.5	0	35.5
1016 1017	Category: N Noise		Level:	35.5											
7201 7202 1	500	70	20	4.2	69.2	3.3	1.3	-1	-16.1	-19.5	0	0	2.5	0	39.7
7201 7202	Category: N Noise		Level:	39.7											
1022 1023 1	400	70	42	6.6	68.2	5.5	2	-1	-19	-18.7	-8.1	0	2.5	0	31.4
1022 1023	Category: N Noise		Level:	31.4											
7107 1030 1	700	70	17	0.3	70.7	2.9	0	-1	-17.1	-18.7	0	0	2.5	0	39.3
7107 1030	Category: N Noise		Level:	39.3											
1017 1018 1	1200	50	20	2.2	73	2	0	-1	-18.4	-19.2	-4	0	2.5	0	34.9
1017 1018	Category: N Noise		Level:	34.9											
6011 6012 1	3500	50	16	0.1	35.1	1.3	0	-1	0	0	0	0	2.5	0	37.9
6011 6012	Category: U Noise		Level:	37.9											
1033 1034 1	8300	70	28	3.2	81.4	4.2	0.9	-1	-16.6	-19.9	-2.7	0	2.5	0	48.8
1033 1034	Category: N Noise		Level:	48.8											
6010 6011 1	3500	50	16	0.2	77.6	1.3	0.1	-1	-11.8	-21.3	0	0	2.5	1.5	48.9
6010 6011	Category: U Noise		Level:	48.9											
1028 1029 1	6700	70	29	2.9	80.5	4.3	0.9	-1	-16.4	-22.3	-2.6	0	2.5	0	45.9
1028 1029	Category: N Noise		Level:	45.9											
1006 1010 1	5300	50	18	0.3	79.4	1.7	0.1	-1	-15.2	-20.9	-17.2	0	2.5	0	29.4
1006 1010	Category: N Noise		Level:	29.4											
1010 1011 1	5300	50	18	0.2	79.4	1.7	0.1	-1	-16.5	-20.1	-18.7	0	2.5	0	27.4
1010 1011	Category: N Noise		Level:	27.4											
1001 1002 1	3700	50	16	2.3	77.9	1.3	0.7	-1	-10.8	-27.7	-2.1	0	2.5	0	40.8
1001 1002	Category: N Noise		Level:	40.8											
1000 1001 1	3700	50	16	1.3	77.9	1.3	0.4	-1	-10.9	-27.9	-0.4	0	2.5	0	41.9
1000 1001	Category: N Noise		Level:	41.9											
7001 7100 1	700	70	17	1.6	70.7	2.9	0.5	-1	-14.3	-20.8	0	0	2.5	0	40.5
7001 7100	Category: N Noise		Level:	40.5											
7102 7103 1	700	70	17	6.9	70.7	2.9	2.1	-1	-14.7	-21.6	0	0	2.5	0	40.9
7102 7103	Category: N Noise		Level:	40.9											
7101 7102 1	700	70	17	2.7	70.7	2.9	0.8	-1	-9.8	-29.1	0	0	2.5	0	37
7101 7102	Category: N Noise		Level:	37											

Total contribution from :

Unaltered 65.5

Altered 0

New 73.9

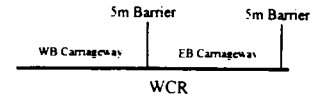
OVERAL 74.5

HFANOISE v1.10 RESULTS FILE : FULL OUTPUT

File : APR99_A.DAT
 Time : 18:29:37
 Date : Friday, 16 April 1999

Yau Tong Bay

Receiver no : N602
 X=841950.1 Y=817451.1 Z= 4.0 Height= 114.2



Road Segment	Sub Segment	Flow	Speed	%Heavy	Gradient	Basic Noise Level	Speed	Gradient	Surface	Distance	Corrections Angle of View	Barrier	Ground Cover	Facade	Reflection	Segment Total	
4003 9281	1	2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-16.6	-1.3	0	2.5	1.5	55	
4003 9281	2	2800	70	39	2.3	76.7	5.2	0	-3.5	-9.4	-10.3	-1.8	0	2.5	1.5	60.9	
4003 9281	3	2800	70	39	2.3	76.7	5.2	0	-3.5	-9.4	-11.1	-2.8	0	2.5	1.5	59.1	
4003 9281	4	2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-8.9	-3.6	0	2.5	1.5	60.4	
4003 9281	5	2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-7.2	-5	0	2.5	1.5	60.7	
4003 9281	Category: N Noise Level:		66.7														
9287 9288	1	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-18.2	-0.5	0	2.5	0	56.2	
9287 9288	2	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-19.2	-1.2	0	2.5	0	54.5	
9287 9288	3	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-16.6	-2.2	0	2.5	0	56.1	
9287 9288	4	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-14.7	-4	0	2.5	0	56.2	
9287 9288	5	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-19.5	-5	0	2.5	0	50.4	
9287 9288	6	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-17	-6.1	0	2.5	0	51.8	
9287 9288	7	5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-16.1	-7.4	0	2.5	0	51.4	
9287 9288	Category: N Noise Level:		62.8														
4105 4106	1	3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-10.6	-4.2	0	2.5	0	56.3	
4105 4106	2	3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-11.1	-4.7	0	2.5	0	55.3	
4105 4106	3	3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-8.9	-5	0	2.5	0	57.2	
4105 4106	Category: N Noise Level:		61.1														
9281 9282	1	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-17.9	-0.3	0	2.5	1.5	57.8	
9281 9282	2	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-18.7	-1.5	0	2.5	1.5	55.8	
9281 9282	3	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-19.1	-2.1	0	2.5	1.5	54.8	
9281 9282	4	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-16.5	-1.5	0	2.5	1.5	58	
9281 9282	5	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-14.7	-0.1	0	2.5	1.5	61.2	
9281 9282	6	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-19.5	0	0	2.5	1.5	56.5	
9281 9282	7	3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-18.5	-6.6	0	2.5	1.5	50.9	
9281 9282	Category: N Noise Level:		65.8														
4104 4105	1	3900	70	21	2	78.1	3.4	0.6	-3.5	-9.7	-7.2	-1.3	0	2.5	0	62.9	
4104 4105	Category: N Noise Level:		62.9														
7202 7203	1	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-15.7	0	0	2.5	1.5	50.9	
7202 7203	2	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-15.6	0	0	2.5	1.5	51	
7202 7203	3	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-18.9	0	0	2.5	1.5	47.7	
7202 7203	4	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-14.8	0	0	2.5	1.5	51.8	
7202 7203	5	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-10.3	0	0	2.5	1.5	56.3	
7202 7203	6	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-11	0	0	2.5	1.5	55.6	
7202 7203	7	500	50	20	5.9	69.2	2	1.8	-1	-9.4	-8.8	0	0	2.5	1.5	57.8	
7202 7203	8	500	50	20	5.9	69.2	2	1.8	-1	-9.5	-7.2	0	0	2.5	1.5	59.3	
7202 7203	Category: N Noise Level:		64.3														
1021 4106	1	1200	50	22	0.8	73	2.3	0	-1	-10.1	-11	0	0	2.5	0	55.7	
1021 4106	2	1200	50	22	0.8	73	2.3	0	-1	-10.1	-11	0	0	2.5	0	55.7	
1021 4106	3	1200	50	22	0.8	73	2.3	0	-1	-10.1	-9.4	0	0	2.5	0	57.3	
1021 4106	Category: N Noise Level:		61.1														
4208 4209	1	400	50	42	1	68.2	4.4	0.3	-1	-9.1	-8.8	0	0	2.5	1.5	58	
4208 4209	2	400	50	42	1	68.2	4.4	0.3	-1	-9.1	-7.2	0	0	2.5	1.5	59.6	
4208 4209	Category: N Noise Level:		61.9														
1020 1021	1	1200	50	22	4.6	73	2.3	0	-1	-10.2	-17.6	0	0	2.5	0	49	
1020 1021	2	1200	50	22	4.6	73	2.3	0	-1	-10.2	-7.2	0	0	2.5	0	59.4	
1020 1021	Category: N Noise Level:		59.8														
9288 9289	1	5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-18.4	-5	0	2.5	0	50.7	
9288 9289	2	5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-17.3	-3.5	0	2.5	0	53.3	
9288 9289	Category: N Noise Level:		55.2														
4209 4210	1	400	50	42	1.5	68.2	4.4	0	-1	-9.1	-14.8	0	0	2.5	1.5	51.7	
4209 4210	2	400	50	42	1.5	68.2	4.4	0	-1	-9.1	-10.3	0	0	2.5	1.5	56.2	
4209 4210	3	400	50	42	1.5	68.2	4.4	0	-1	-9.1	-10.9	0	0	2.5	1.5	55.6	
4209 4210	Category: N Noise Level:		59.7														
9284 9285	1	3200	70	39	3.9	77.3	5.2	1.2	-1	-11.1	-16.4	-7.9	0	2.5	1.5	51.3	
9284 9285	Category: N Noise Level:		51.3														
9289 9290	1	5100	70	21	3.6	79.3	3.4	0	-1	-11.4	-15.7	-10.1	0	2.5	0	47	
9289 9290	Category: N Noise Level:		47														
9282 9283	1	3200	70	39	0.1	77.3	5.2	0	-1	-9.7	-17.4	-0.4	0	2.5	1.5	58	
9282 9283	Category: N Noise Level:		58														
7104 7105	1	700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-9.8	0	0	2.5	0	52.7	
7104 7105	2	700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-17.6	0	0	2.5	0	44.9	
7104 7105	3	700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-10.5	0	0	2.5	0	52	
7104 7105	Category: N Noise Level:		55.7														
7103 7104	1	700	50	17	12.4	70.7	1.5	3.7	-3.5	-10.7	-14	0	0	2.5	0	50.2	
7103 7104	2	700	50	17	12.4	70.7	1.5	3.7	-3.5	-10.7	-10.5	0	0	2.5	0	53.7	

7103 7104	Category: N	Noise	Level:	55.3													
9285 9286	1	3200	70	39	0.8	77.3	5.2	0.3	-1	-12.5	-16.9	-12.6	0	2.5	1.5	43.8	
9285 9286		Category: N	Noise	Level:	43.8												
9290 9291	1	5100	70	21	0.9	79.3	3.4	0	-1	-12.8	-16.8	-13.1	0	2.5	0	41.5	
9290 9291		Category: N	Noise	Level:	41.5												
7000 7001	1	1200	50	18	0.5	73	1.7	0.1	-1	-11.9	-11.7	0	0	2.5	0	52.7	
7000 7001		Category: U	Noise	Level:	52.7												
7105 7106	1	700	50	17	4.6	70.7	1.5	1.4	-3.5	-10.6	-10.1	0	0	2.5	0	51.9	
7105 7106		Category: N	Noise	Level:	51.9												
7102 7103	1	700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-19.4	-0.1	0	2.5	0	42.6	
7102 7103	2	700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-19.1	0	0	2.5	0	43	
7102 7103	3	700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-13.9	0	0	2.5	0	48.2	
7102 7103		Category: N	Noise	Level:	50.2												
7204 7001	1	500	50	20	5.7	69.2	2	1.7	-1	-11.7	-13.2	0	0	2.5	0	49.5	
7204 7001		Category: N	Noise	Level:	49.5												
7101 7102	1	700	50	17	2.7	70.7	1.5	0.8	-3.5	-11.7	-14.8	-0.1	0	2.5	0	45.4	
7101 7102	2	700	50	17	2.7	70.7	1.5	0.8	-3.5	-11.7	-19.5	-14.6	0	2.5	0	26.2	
7101 7102	3	700	50	17	2.7	70.7	1.5	0.8	-3.5	-11.7	-16.3	-4.2	0	2.5	0	39.8	
7101 7102		Category: N	Noise	Level:	46.5												
7203 7204	1	500	50	20	1.8	69.2	2	0.5	-1	-11.1	-14.9	0	0	2.5	0	47.2	
7203 7204	2	500	50	20	1.8	69.2	2	0.5	-1	-11.1	-19.3	0	0	2.5	1.5	44.3	
7203 7204		Category: N	Noise	Level:	49												
7001 7100	1	700	50	17	1.6	70.7	1.5	0.5	-3.5	-12	-13.2	0	0	2.5	0	46.5	
7001 7100	2	700	50	17	1.6	70.7	1.5	0.5	-3.5	-12	-17.2	0	0	2.5	0	42.5	
7001 7100		Category: N	Noise	Level:	48												
7100 7101	1	700	50	17	0	70.7	1.5	0	-3.5	-11.9	-16	0	0	2.5	0	43.3	
7100 7101	2	700	50	17	0	70.7	1.5	0	-3.5	-11.9	-16.7	0	0	2.5	1.5	44.1	
7100 7101		Category: N	Noise	Level:	46.7												
1043 3000	1	2200	70	16	3.1	75.6	2.8	0	-1	-16.6	-18.2	-3.5	0	2.5	0	41.6	
1043 3000		Category: U	Noise	Level:	41.6												
3006 3007	1	2200	70	16	2.1	75.6	2.8	0.6	-1	-18.3	-18.9	-4.3	0	2.5	0	39	
3006 3007		Category: N	Noise	Level:	39												
9283 9284	1	3200	70	39	0.3	77.3	5.2	0.1	-1	-10.3	-20.2	-0.4	0	2.5	1.5	54.7	
9283 9284		Category: N	Noise	Level:	54.7												
1039 1040	1	8300	70	28	1.1	81.4	4.2	0.3	-1	-12.7	-20.4	-0.6	0	2.5	0	53.7	
1039 1040		Category: N	Noise	Level:	53.7												
1040 1041	1	8300	70	27	8.6	81.4	4.1	2.6	-3.5	-12.6	-20.9	-0.7	0	2.5	0	52.9	
1040 1041		Category: N	Noise	Level:	52.9												
1041 1042	1	8300	70	27	3.6	81.4	4.1	1.1	-3.5	-12.6	-20.9	-0.8	0	2.5	0	51.3	
1041 1042		Category: N	Noise	Level:	51.3												
1042 1043	1	8300	70	27	4.2	81.4	4.1	1.2	-3.5	-14.5	-20.5	-1.9	0	2.5	0	48.8	
1042 1043		Category: N	Noise	Level:	48.8												
3055 1043	1	1300	70	29	0.9	73.3	4.3	0	-3.5	-12	-20.2	-0.6	0	2.5	0	43.8	
3055 1043		Category: N	Noise	Level:	43.8												
3000 3001	1	2200	70	16	1.6	75.6	2.8	0	-1	-14.2	-21.4	-1.7	0	2.5	0	42.6	
3000 3001		Category: U	Noise	Level:	42.6												
7106 7107	1	700	50	17	2.1	70.7	1.5	0.6	-3.5	-10.8	-22.8	0	0	2.5	0	38.2	
7106 7107		Category: N	Noise	Level:	38.2												
3003 3004	1	2200	70	16	6.6	75.6	2.8	0	-1	-14.7	-22	-1.6	0	2.5	0	41.6	
3003 3004		Category: U	Noise	Level:	41.6												
3001 3002	1	2200	70	16	10.4	75.6	2.8	0	-1	-12.9	-24.2	-0.7	0	2.5	0	42.1	
3001 3002		Category: U	Noise	Level:	42.1												
3004 3005	1	2200	70	16	0	75.6	2.8	0	-1	-17.2	-19.6	-3.4	0	2.5	0	39.7	
3004 3005		Category: N	Noise	Level:	39.7												

Total contribution from :

Unaltered 54

Altered 0

New 73.9

OVERALL 73.9

HFANOISE v1.10 RESULTS FILE : FULL OUTPUT

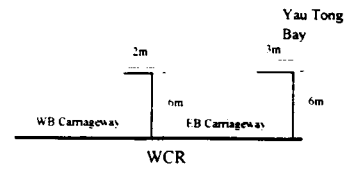
File : APR99_B.DAT

Time : 18:29:59

Date : Friday, 16 April 1999

Receiver no : N602

X=841950.1 Y=817451.1 Z= 4.0 Height= 114.2



Road Segment	Sub Segment	Flow	Speed	%Heavy	Gradient	Basic Noise Level	Corrections									Segment Total
							Speed	Gradient	Surface	Distance	Angle of View	Barrier	Ground Cover	Facade	Reflection	
4003 9281 1		2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-17.1	-13.2	0	2.5	1.5	42.6
4003 9281 2		2800	70	39	2.3	76.7	5.2	0	-3.5	-9.4	-10.2	-13.4	0	2.5	1.5	49.4
4003 9281 3		2800	70	39	2.3	76.7	5.2	0	-3.5	-9.4	-11.1	-13.8	0	2.5	1.5	48.1
4003 9281 4		2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-8.9	-13.9	0	2.5	1.5	50.1
4003 9281 5		2800	70	39	2.3	76.7	5.2	0	-3.5	-9.5	-7.2	-14.3	0	2.5	1.5	51.4
4003 9281	Category: N Noise			Level:	56.1											
9287 9288 1		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-15.6	-9.3	0	2.5	0	50
9287 9288 2		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-16.6	-11.7	0	2.5	0	46.6
9287 9288 3		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-14.7	-13	0	2.5	0	47.2
9287 9288 4		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-19.5	0	0	2.5	0	55.4
9287 9288 5		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-17	-12.9	0	2.5	0	45
9287 9288 6		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-18.9	-12.1	0	2.5	0	43.9
9287 9288 7		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-19.4	-12.1	0	2.5	0	43.4
9287 9288	Category: N Noise			Level:	57.9											
4105 4106 1		3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-10.6	-11	0	2.5	0	49.5
4105 4106 2		3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-11.1	-11.6	0	2.5	0	48.4
4105 4106 3		3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-8.9	-12.2	0	2.5	0	50
4105 4106	Category: N Noise			Level:	54.1											
9281 9282 1		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-17.9	-11.3	0	2.5	1.5	46.8
9281 9282 2		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-15.9	-12.8	0	2.5	1.5	47.3
9281 9282 3		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-16.5	-13.7	0	2.5	1.5	45.8
9281 9282 4		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-14.7	-8.9	0	2.5	1.5	52.4
9281 9282 5		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-19.5	0	0	2.5	1.5	56.5
9281 9282 6		3200	70	39	1.6	77.3	5.2	0	-1	-9.5	-18.5	-14.7	0	2.5	1.5	42.8
9281 9282	Category: N Noise			Level:	58.9											
4104 4105 1		3900	70	21	2	78.1	3.4	0.6	-3.5	-9.7	-7.2	-10.3	0	2.5	0	53.9
4104 4105	Category: N Noise			Level:	53.9											
7202 7203 1		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-15.4	0	0	2.5	1.5	52.5
7202 7203 2		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-15.9	0	0	2.5	1.5	52
7202 7203 3		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-18.9	0	0	2.5	1.5	49
7202 7203 4		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-15.2	0	0	2.5	1.5	52.7
7202 7203 5		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-10.2	0	0	2.5	1.5	57.7
7202 7203 6		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-11	0	0	2.5	1.5	56.9
7202 7203 7		500	70	20	5.9	69.2	3.3	1.8	-1	-9.4	-8.8	0	0	2.5	1.5	59.1
7202 7203 8		500	70	20	5.9	69.2	3.3	1.8	-1	-9.5	-7.2	0	0	2.5	1.5	60.6
7202 7203	Category: N Noise			Level:	65.6											
4208 4209 1		900	70	22	1	71.7	3.6	0.3	-1	-9.1	-8.8	0	0	2.5	1.5	60.7
4208 4209 2		900	70	22	1	71.7	3.6	0.3	-1	-9.1	-7.2	0	0	2.5	1.5	62.3
4208 4209	Category: N Noise			Level:	64.6											
4209 4210 1		900	70	22	1.5	71.7	3.6	0	-1	-9.1	-15.1	0	0	2.5	1.5	54.1
4209 4210 2		900	70	22	1.5	71.7	3.6	0	-1	-9.1	-10.2	0	0	2.5	1.5	59
4209 4210 3		900	70	22	1.5	71.7	3.6	0	-1	-9.1	-10.9	0	0	2.5	1.5	58.3
4209 4210	Category: N Noise			Level:	62.4											
1021 4106 1		1200	50	20	0.8	73	2	0	-1	-10.1	-11	-0.5	0	2.5	0	54.9
1021 4106 2		1200	50	20	0.8	73	2	0	-1	-10.1	-11	0	0	2.5	0	55.4
1021 4106 3		1200	50	20	0.8	73	2	0	-1	-10.1	-9.4	0	0	2.5	0	57
1021 4106	Category: N Noise			Level:	60.6											
1020 1021 1		1200	50	20	4.6	73	2	0	-1	-10.2	-17.6	0	0	2.5	0	48.7
1020 1021 2		1200	50	20	4.6	73	2	0	-1	-10.2	-7.2	0	0	2.5	0	59.1
1020 1021	Category: N Noise			Level:	59.5											
9288 9289 1		5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-18.2	-11.7	0	2.5	0	44.2
9288 9289 2		5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-17.5	-11.5	0	2.5	0	45.1
9288 9289	Category: N Noise			Level:	47.7											
7104 7105 1		700	70	17	6	70.7	2.9	1.8	-3.5	-10.5	-9.8	0	0	2.5	0	54.1
7104 7105 2		700	70	17	6	70.7	2.9	1.8	-3.5	-10.5	-17.6	0	0	2.5	0	46.3
7104 7105 3		700	70	17	6	70.7	2.9	1.8	-3.5	-10.5	-10.5	0	0	2.5	0	53.4
7104 7105	Category: N Noise			Level:	57.1											
9282 9283 1		3200	70	39	0.1	77.3	5.2	0	-1	-9.7	-17.4	-11.3	0	2.5	1.5	47.1
9282 9283	Category: N Noise			Level:	47.1											
7103 7104 1		700	70	17	12.4	70.7	2.9	3.7	-3.5	-10.7	-14	0	0	2.5	0	51.6
7103 7104 2		700	70	17	12.4	70.7	2.9	3.7	-3.5	-10.7	-10.5	0	0	2.5	0	55.1
7103 7104	Category: N Noise			Level:	56.7											
7105 7106 1		700	70	17	4.6	70.7	2.9	1.4	-3.5	-10.6	-10.1	0	0	2.5	0	53.3
7105 7106	Category: N Noise			Level:	53.3											
7000 7001 1		1200	50	18	0.5	73	1.7	0.1	-1	-11.9	-11.7	0	0	2.5	0	52.7
7000 7001	Category: U Noise			Level:	52.7											
7102 7103 1		700	70	17	6.9	70.7	2.9	2.1	-3.5	-11.2	-16.2	-0.1	0	2.5	0	47.2
7102 7103 2		700	70	17	6.9	70.7	2.9	2.1	-3.5	-11.2	-13.9	0	0	2.5	0	49.6

7102 7103	Category: N Noise	Level:	51.6													
7204 7001 1	500	70	20	5.7	69.2	3.3	1.7	-1	-11.7	-13.2	0	0	2.5	0	50.8	
7204 7001	Category: N Noise	Level:	50.8													
7101 7102 1	700	70	17	2.7	70.7	2.9	0.8	-3.5	-11.7	-14.8	-1.8	0	2.5	0	45.1	
7101 7102 2	700	70	17	2.7	70.7	2.9	0.8	-3.5	-11.7	-19.5	0	0	2.5	0	42.2	
7101 7102 3	700	70	17	2.7	70.7	2.9	0.8	-3.5	-11.7	-16.3	-8	0	2.5	0	37.4	
7101 7102	Category: N Noise	Level:	47.4													
7203 7204 1	500	70	20	1.8	69.2	3.3	0.5	-1	-11.1	-19.3	0	0	2.5	1.5	45.6	
7203 7204 2	500	70	20	1.8	69.2	3.3	0.5	-1	-11.1	-14.9	0	0	2.5	1.5	50	
7203 7204	Category: N Noise	Level:	51.3													
7001 7100 1	700	70	17	1.6	70.7	2.9	0.5	-3.5	-12	-13.2	0	0	2.5	0	47.9	
7001 7100 2	700	70	17	1.6	70.7	2.9	0.5	-3.5	-12	-17.2	0	0	2.5	1.5	45.4	
7001 7100	Category: N Noise	Level:	49.8													
7100 7101 1	700	70	17	0	70.7	2.9	0	-3.5	-11.9	-16	0	0	2.5	1.5	46.2	
7100 7101 2	700	70	17	0	70.7	2.9	0	-3.5	-11.9	-16.7	0	0	2.5	1.5	45.5	
7100 7101	Category: N Noise	Level:	48.9													
9283 9284 1	3200	70	39	0.3	77.3	5.2	0.1	-1	-10.3	-20.2	-9.1	0	2.5	1.5	46	
9283 9284	Category: N Noise	Level:	46													
7106 7107 1	700	70	17	2.1	70.7	2.9	0.6	-3.5	-10.8	-22.8	0	0	2.5	0	39.6	
7106 7107	Category: N Noise	Level:	39.6													

Total contribution from :

Unaltered 52.7

Altered 0

New 71.6

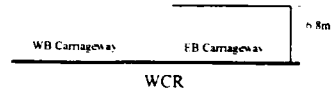
OVERAL 71.7

HFANOISE v1.10 RESULTS FILE : FULL OUTPUT

File : APR99_C1.DAT
 Time : 18:30:21
 Date : Friday, 16 April 1999

Yau Tong Bay

Receiver no : N602
 X=841950.1 Y=817451.1 Z= 4.0 Height= 114.2



Road Segment	Sub Segment	Flow	Speed	%Heavy	Gradient	Basic Noise Level	Corrections									Segment Total
							Speed	Gradient	Surface	Distance	Angle of View	Barrier	Ground Cover	Facade	Reflection	
9287 9288 1		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-15.6	-4.4	0	2.5	0	54.9
9287 9288 2		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-16.6	-7	0	2.5	0	51.3
9287 9288 3		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-14.1	-8.2	0	2.5	0	52.6
9287 9288 4		5100	70	21	1.7	79.3	3.4	0.5	-1	-9.8	-13	-9.8	0	2.5	0	52.1
9287 9288	Category: N Noise			Level:	59											
4105 4106 1		3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-7.9	-8.7	0	2.5	0	54.5
4105 4106 2		3900	70	21	1.2	78.1	3.4	0.4	-3.5	-9.8	-8.9	-9.2	0	2.5	0	53
4105 4106	Category: N Noise			Level:	56.8											
4104 4105 1		3900	70	21	2	78.1	3.4	0.6	-3.5	-9.7	-7	-5.9	0	2.5	0	58.5
4104 4105	Category: N Noise			Level:	58.5											
7202 7203 1		500	50	20	5.9	69.2	2	1.8	-1	-9.4	-12.2	0	0	2.5	1.5	54.4
7202 7203 2		500	50	20	5.9	69.2	2	1.8	-1	-9.4	-13.9	0	0	2.5	1.5	52.7
7202 7203 3		500	50	20	5.9	69.2	2	1.8	-1	-9.4	-7.6	0	0	2.5	1.5	59
7202 7203 4		500	50	20	5.9	69.2	2	1.8	-1	-9.4	-8.8	0	0	2.5	1.5	57.8
7202 7203 5		500	50	20	5.9	69.2	2	1.8	-1	-9.5	-7	0	0	2.5	1.5	59.5
7202 7203	Category: N Noise			Level:	64.4											
1021 4106 1		1200	50	22	0.8	73	2.3	0	-1	-10.1	-8	-0.1	0	2.5	0	58.6
1021 4106 2		1200	50	22	0.8	73	2.3	0	-1	-10.1	-9.4	0	0	2.5	0	57.3
1021 4106	Category: N Noise			Level:	61											
4208 4209 1		400	50	42	1	68.2	4.4	0.3	-1	-9.1	-8.8	0	0	2.5	1.5	58
4208 4209 2		400	50	42	1	68.2	4.4	0.3	-1	-9.1	-7	0	0	2.5	1.5	59.8
4208 4209	Category: N Noise			Level:	62											
1020 1021 1		1200	50	22	4.6	73	2.3	0	-1	-10.2	-17.6	0	0	2.5	0	49
1020 1021 2		1200	50	22	4.6	73	2.3	0	-1	-10.2	-7	0	0	2.5	0	59.6
1020 1021	Category: N Noise			Level:	60											
9288 9289 1		5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-18.2	-9.3	0	2.5	0	46.6
9288 9289 2		5100	70	21	0.1	79.3	3.4	0	-1	-10.1	-17.5	-8.2	0	2.5	0	48.4
9288 9289	Category: N Noise			Level:	50.6											
4209 4210 1		400	50	42	1.5	68.2	4.4	0	-1	-9.1	-14.8	0	0	2.5	1.5	51.7
4209 4210 2		400	50	42	1.5	68.2	4.4	0	-1	-9.1	-7.6	0	0	2.5	1.5	58.9
4209 4210	Category: N Noise			Level:	59.7											
9289 9290 1		5100	70	21	3.6	79.3	3.4	0	-1	-11.4	-15.7	-13.7	0	2.5	0	43.4
9289 9290	Category: N Noise			Level:	43.4											
7104 7105 1		700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-9.8	0	0	2.5	0	52.7
7104 7105 2		700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-17.6	0	0	2.5	0	44.9
7104 7105 3		700	50	17	6	70.7	1.5	1.8	-3.5	-10.5	-10.5	0	0	2.5	0	52
7104 7105	Category: N Noise			Level:	55.7											
7103 7104 1		700	50	17	12.4	70.7	1.5	3.7	-3.5	-10.6	-8.9	0	0	2.5	0	55.4
7103 7104	Category: N Noise			Level:	55.4											
7105 7106 1		700	50	17	4.6	70.7	1.5	1.4	-3.5	-10.6	-10.1	0	0	2.5	0	51.9
7105 7106	Category: N Noise			Level:	51.9											
7102 7103 1		700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-19.4	-0.3	0	2.5	0	42.4
7102 7103 2		700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-19.1	-0.1	0	2.5	0	42.9
7102 7103 3		700	50	17	6.9	70.7	1.5	2.1	-3.5	-11.2	-13.9	0	0	2.5	0	48.2
7102 7103	Category: N Noise			Level:	50.1											
7204 7001 1		500	50	20	5.7	69.2	2	1.7	-1	-11.7	-13.6	0	0	2.5	0	49.1
7204 7001	Category: N Noise			Level:	49.1											
7101 7102 1		700	50	17	2.7	70.7	1.5	0.8	-3.5	-11.7	-14.2	0	0	2.5	0	46.1
7101 7102 2		700	50	17	2.7	70.7	1.5	0.8	-3.5	-11.7	-15.3	-8.8	0	2.5	0	36.2
7101 7102	Category: N Noise			Level:	46.5											
7203 7204 1		500	50	20	1.8	69.2	2	0.5	-1	-11.1	-13.6	0	0	2.5	0	48.5
7203 7204	Category: N Noise			Level:	48.5											
7001 7100 1		700	50	17	1.6	70.7	1.5	0.5	-3.5	-12	-13.6	0	0	2.5	0	46.1
7001 7100 2		700	50	17	1.6	70.7	1.5	0.5	-3.5	-12	-17.2	0	0	2.5	0	42.5
7001 7100	Category: N Noise			Level:	47.7											
7100 7101 1		700	50	17	0	70.7	1.5	0	-3.5	-11.9	-16	0	0	2.5	0	43.3
7100 7101 2		700	50	17	0	70.7	1.5	0	-3.5	-11.9	-16.7	0	0	2.5	1.5	44.1
7100 7101	Category: N Noise			Level:	46.7											
7106 7107 1		700	50	17	2.1	70.7	1.5	0.6	-3.5	-10.8	-18.8	0	0	2.5	0	42.2
7106 7107	Category: N Noise			Level:	42.2											

Total contribution from :
 Unaltered 0
 Altered 0
 New 70.4
OVERAL 70.4