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5 AIR QUALITY IMPACTS

5.1 Legislation and Standards

- **5.1.1** For the criteria as regards air quality impact assessment, reference shall be made to the Hong Kong Planning Standards and Guidelines (HKPSG), the Air Pollution Control Ordinance (APCO) (Cap.311), and Annex 4 of the Technical Memorandum on Environmental Impact Assessment Process (TM-EIAO).
- **5.1.2** The APCO (Cap.311) provides the power for controlling air pollutants from a variety of stationary and mobile sources and encompasses a number of Air Quality Objectives (AQOs). In addition to the APCO, the following overall policy objectives are laid down in Chapter 9 of the Hong Kong Planning Standards and Guidelines (HKPSG) as follows:
 - (a) Limit the contamination of the air in Hong Kong, through land use planning and through the enforcement of the APCO, to safeguard the health and well-being of the community; and
 - (b) Ensure that the AQO for 7 common air pollutants are met as soon as possible.
- **5.1.3** Currently, the AQOs stipulate limits on concentrations for 7 pollutants including sulphur dioxide (SO2), Total Suspended Particulates (TSP), Respirable Suspended Particulates (RSP), Nitrogen Dioxide (NO2), Carbon Monoxide (CO), photochemical oxidants, and Lead (Pb). The AQOs are listed in the table below.

Table of Thong Rong 7	Limits on Concentration, ug/m ^{3 [1]} (ppm in brackets)					
Pollutant	1-hr ^[2]	8-hr ^[3]	24-hr [3]	Monthly ^[4]	Annual ^[4]	
Sulphur Dioxide	800		350		80	
	(0.3)		(0.13)		(0.03)	
Total Suspended Particulates	500 [7]		260		80	
Respirable Suspended Particulates ^[5]			180		55	
Carbon Monoxide	30,000	10,000				
	(26.2)	(8.7)				
Nitrogen Dioxide	300		150		80	
	(0.16)		(0.08)		(0.04)	
Photochemical Oxidants (as ozone) [6]	240					
Lead				1.5		

Table 5-1 Hong Kong Air Quality Objectives (HKAQO)

Notes:

- [1] Measured at 298K and 101.325 kPa.
- [2] Not to be exceeded more than three times per year.
- [3] Not to be exceeded more than once per year.
- [4] Arithmetic mean.
- [5] Respirable suspended particulates means suspended particulates in air with a nominal aerodynamic diameter of 10 micrometres or smaller.
- [6] Photochemical oxidants are determined by measurement of ozone only.
- [7] Not an AQO but is a criterion for evaluating air quality impacts as stated in Annex 4 of *TM*-*EIAO*.
- **5.1.4** The key air emission source from HKLR and HKBCF is obviously the road traffic (ie vehicular emission). In this regard, air pollutants of concern would include nitrogen dioxide (NO2) and respirable suspended particulates (RSP), and they

have been assessed in this study. The emissions as regards other pollutants such as CO etc from road traffic are insignificant.

5.2 Ambient Air Quality Condition and Previous Monitoring Levels

- **5.2.1** Existing air sensitive receivers in the vicinity of the project include various developments (residential, commercial etc) and village houses along the northern coast of Lantau (see **Section 5.3**). Key existing air pollution sources that may bear upon the air quality in Tung Chung/North Lantau include the roads (notably North Lantau Highway), the Chek Lap Kok Airport i.e. Hong Kong International Airport, Black Point Power Station, Castle Peak Power Station and the Lamma Power Station. Other regional emission sources beyond HK would also have certain influence on the background air quality level. Details of air pollution emission sources are discussed in **Sections 5.5 & 5.6**.
- **5.2.2** Historical air quality monitoring data from the nearest monitoring station, namely the Tung Chung station operated by EPD, have been examined. The latest 5 published years of air quality monitoring data, i.e. 2004 to 2008 at Tung Chung Monitoring Station are tabulated in the table below.

Pollutant	Year	Highest 1-Hour Average (µg/m ³)	Highest Daily Average (µg/m ³)	Annual Average (µg/m³)
	2004	432	115	27
	2005	301	121	21
	2006	393	209	25
SO ₂	2007	259	95	23
	2008	266	91	18
	5-year mean [3]	330 (41%)	126 (36%)	23(29%)
	AQO – SO ₂	800	350	80
	2004	289	<u>166</u>	52
	2005	268	147	46
	2006	253	<u>157</u>	47
NO ₂	2007	248	127	46
	2008	256	134	49
	5-year mean [3]	263 (88%)	146 (97%)	48(60%)
	AQO – NO ₂	300	150	80
	2004	N/M	176	72
	2005	N/M	<u>261</u>	65
	2006	N/M	160	75
TSP	2007	N/M	240	70
	2008	N/M	198	69
	5-year mean [3]	N/M	207(80%)	71 (89%)
	AQO - TSP	N/M	260	80
CO	2004	3940	3385	799
	2005	5730	4541	923

 Table 5-2
 Air Quality Monitoring Data (Tung Chung Station, 2004-2008)

Pollutant	Year	Highest 1-Hour Average (µg/m ³)	Highest Daily Average (µg/m³)	Annual Average (µg/m ³)
	2006	3670	260	782
	2007	3920	3514	820
	2008	2820	2566	860
	5-year mean [3]	4016(13%)	2853(29%)	837
	AQO - CO	30,000	10,000	N/A
RSP	2004	389	<u>209</u>	<u>62</u>
	2005	366	<u>217</u>	<u>57</u>
	2006	314	<u>254</u>	<u>56</u>
	2007	NM	<u>199</u>	54
	2008	243	146	52
	5-year mean [3]	328	<u>205(113%)</u>	<u>56(102%)</u>
	AQO - RSP	N/A	180	55
O ₃	2004	<u>403</u>	138	48
	2005	<u>357</u>	140	38
	2006	<u>302</u>	107	37
	2007	<u>308</u>	117	40
	2008	<u>310</u>	146	41
	5-year mean [3]	<u>336 (140%)</u>	130	41
Note:	AQO – O ₃	240	N/A	N/A

Note:

[1] N/M - Not Measured

[2] Monitoring results exceeded AQO are shown as underlined characters.

[3] % of AQO is provided in the bracket. The 5-year mean is the average of the yearly maximum.

n.a Not applicable since there is no HKAQO for this parameter.

- **5.2.3** It can be seen from the above table that the highest 1-hour NO₂ concentration has gradually decreased from 289ug/m³ in 2004 to 256ug/m³ in 2008, against a criterion of 300ug/m³. A similar trend is also observed for the daily NO₂ concentration, which has decreased from 166ug/m³ in 2004 to 134ug/m³ in 2008. The maximum daily NO₂ concentration at 2004 and 2006, however, exceeded the criterion of 150ug/m³. The annual NO₂ remains relatively steady in the range of 46 52ug/m³, without any exceedance of the criterion of 80ug/m³.
- **5.2.4** For RSP, the maximum daily concentration exceeded the AQO (in the range of 199-254ug/m³ in 2004 2007, against the AQO of 180ug/m³), but the concentration became AQO-compliant in 2008, being the lowest among the last 5 years. The annual RSP concentration shows a decreasing trend, with the 2008 annual RSP concentration being 52ug/m³ without exceeding the criterion of 55ug/m³.
- **5.2.5** The maximum hourly concentration of O_3 from 2004 2008 has been relatively high, in the range of 302 403ug/m³, against the AQO of 240ug/m³. However, the proposed project will not generate any O_3 . Hence, O_3 is not a pollutant to be assessed in this EIA.
- **5.2.6** For SO_2 and CO, the pollutant level are relatively low, in the order of less than 41% and less than 13% of the corresponding hourly AQOs respectively. Hence,

SO₂ ad CO will not be assessed in this EIA.

5.2.7 For suspended particulates, road traffic emissions will mainly contribute to RSP. Hence, RSP will be included in the operation phase air quality assessment. However, the construction phase of the project will involve the emission of fugitive dusts, and hence TSP will be assessed for construction phase air quality impact.

5.3 Air Sensitive Receivers & Pollution Sources

5.3.1 Air Sensitive Receivers

- **5.3.1.1** With reference to EIA Study Brief No. ESB-110/2003 for HKLR and ESB-183/2008 for HKBCF, the study area for air quality impact assessment should generally be defined by a distance of 500m from the boundary of the project site. Further, it should be extended to include major emission sources that may have a bearing on the environmental acceptability of the project. The study will also review the air quality impacts on the areas and other sensitive receivers beyond 500m from the site boundary, which may be potentially affected by the Project.
- **5.3.1.2** In accordance with Annex 12 of the TM-EIAO, Air Sensitive Receivers (ASRs) include domestic premises, hotel, hostel, hospital, clinic, nursery, temporary housing accommodation, school, educational institution, office, factory, shop, shopping centre, place of public worship, library, court of law, sports stadium or performing arts centre. Any other premises or places with which, in terms of duration or number of people affected, has a similar sensitivity to the air pollutants as the aforelisted premises and places would also be considered as a sensitive receiver.
- **5.3.1.3** Representative ASRs within a distance of 500m from the project boundary (including the proposed alignment, reclamation and the associated facilities) have been identified. Since there are some ASRs located outside the 500m range, representative ASRs beyond 500m from the project boundary have therefore been included in the assessment.
- **5.3.1.4** These ASRs include both the existing and planned developments. Existing ASRs are identified by means of reviewing topographic maps, aerial photos, land status plans, supplemented by site inspections; they include scattered village houses generally in 1 to 3-storeys high, as well as residential / commercial developments in Tung Chung/North Lantau.
- **5.3.1.5** Planned/committed ASRs are identified by making reference to relevant Outline Zoning Plans (OZP), Outline Development Plans, Layout Plans and other published plans in relation to the development on North Lantau, including:
 - Tung Chung Town Centre Area OZP (No. S/I-TCTC/13);
 - Tung Chung Town Centre Area Layout Plan Lantau Island (No. L/I-TCTC/1C);
 - North Lantau New Town Phase IIB Area (Part) Layout Plan (No. L/I-TCIIB/1C).
- **5.3.1.6** The relevant stakeholders were also approached to obtain latest information on planning application, layout and building height. The major planned uses in the vicinity of the area include:
 - Tung Chung East and West Further Developments (whilst there are no confirmed development layout, this EIA has included indicative locations to assess the future air quality impacts);
 - Possible tourism initiatives in Lantau (including the possible Theme Park and the Sunny Bay Tourism node as indicated in the Concept Plan for Lantau);

- Lantau Logistics Park; and
- The possible transport hub at MTRCL Siu Ho Wan Depot.
- **5.3.1.7** The locations of the representative ASRs for air quality assessment during the implementation of the project are illustrated in **Figure 5.1**, and are summarised in the table below. ASRs at eastern coast of Tung Chung East Future Development, LLP, MTR Siu Ho Wan Depot etc are considered in the EIA for TMCLKL.

Table 5-3	Representative ASRs for Air Quality Impact Assessment
	Representative ASRS for All Quality impact Assessment

ASR ID	Description	Area	No. of Storey (approx)	Urban /Rural [1]	Land use ^[2]
A93	Sha Lo Wan House No. 1	Sha Lo Wan ^[A]	1-3	Rural	Res
A94	Sha Lo Wan House No. 5		1-3	Rural	Res
A95	Sha Lo Wan House No. 9		1-3	Rural	Res
A96	Tin Hau Temple at Sha Lo Wan		1-3	Rural	Res
A97	San Shek Wan	San Shek Wan ^[A]	1-3	Rural	Res
A98	Sham Wat House No. 39	Sham Wat ^[A]	1-3	Rural	Res
A99	Sham Wat House No. 30		1-3	Rural	Res
A90	Tin Sum	Tim Sum ^[A]	1-3	Rural	Res
A91	Kau Liu		1-3	Rural	Res
A92	San Tau		1-3	Rural	Res
A59	Ma Wan Chung	Ma Wan Chung ^[A]	1-3	Rural	Res
A41	One Citygate	Existing Tung Chung	5	Urban	Res
A42	One Citygate Bridge	Town (South of NLH)	10	Urban	Res
A43	Fu Tung Shopping Centre		4	Urban	Com
A44	Tung Chung Health Centre		3	Urban	GIC
A45	Ching Chung Hau Po Woon Primary School		7	Urban	GIC
A46	Po On Commercial Association Wan Ho Kan Primary School		7	Urban	GIC
A47	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College		7	Urban	GIC
A48	Wong Cho Bau Secondary School		7	Urban	GIC
A49	Tung Chung Wan Telephone Exchange		5	Urban	GIC
A50	Yu Tung Court - Hei Tung House		33	Urban	Res
A51	Yu Tung Court - Hor Tung House		36	Urban	Res
A52	Fu Tung Estate - Tung Ma House		30	Urban	Res
A53	Fu Tung Estate - Tung Shing House	-	30	Urban	Res
A54	Tung Chung Crescent Block 1		28	Urban	Res
A55	Tung Chung Crescent Block 3		30	Urban	Res
A56	Tung Chung Crescent Block 5	-	33	Urban	Res
A57	Tung Chung Crescent Block 7	1	39	Urban	Res
A58	Tung Chung Crescent Block 9	1	43	Urban	Res
A60	Yat Tung Estate - Shun Yat House	1	35	Urban	Res
A51	Yu Tung Court - Hor Tung House	1	36	Urban	Res
A61	Yat Tung Estate - Mei Yat House	-	35	Urban	Res
A62	Yat Tung Estate - Hong Yat House	-	35	Urban	Res
A63	Yat Tung Estate - Ping Yat House	-	35	Urban	Res

ASR ID	Description	Area	No. of Storey (approx)	Urban /Rural [1]	Land use ^[2]
A64	Yat Tung Estate - Fuk Yat House		35	Urban	Res
A65	Yat Tung Estate - Ying Yat House		35	Urban	Res
A66	Yat Tung Estate - Sui Yat House		35	Urban	Res
P3	Planned Park near One Citygate		1	Urban	OS
A1	Caribbean Coast Block 1 – Facing NLH	Existing Tung Chung	47	Urban	Res
A2	Caribbean Coast Block 1 – Facing BCF	Town (North of NLH)	47	Urban	Res
A3	Caribbean Coast Block 5 – Facing NLH	[7]	49	Urban	Res
A4	Caribbean Coast Block 5 – Facing BCF		49	Urban	Res
A5	Caribbean Coast Block 6 – Facing NLH		51	Urban	Res
A6	Caribbean Coast Block 6 – Facing BCF		51	Urban	Res
A7	Caribbean Coast Block 9 – Facing NLH		52	Urban	Res
A8	Caribbean Coast Block 9 – Facing BCF		52	Urban	Res
A9	Caribbean Coast Block 11 – Facing NLH		52	Urban	Res
A10	Caribbean Coast Block 11 – Facing BCF		52	Urban	Res
A11	Caribbean Coast Block 16 – Facing NLH		51	Urban	Res
A12	Caribbean Coast Block 16 – Facing BCF		51	Urban	Res
A13	Caribbean Coast (Phase 5)		3	Urban	Res
A14	Caribbean Coast (Phase 5)		3	Urban	Res
A15	Ho Yu College		7	Urban	GIC
A16	Ho Yu Primary School		7	Urban	GIC
A17	Coastal Skyline Block 1 – Facing NLH		50	Urban	Res
A18	Coastal Skyline Block 1 – Facing HKLR		50	Urban	Res
A19	Coastal Skyline Block 5 – Facing NLH		50	Urban	Res
A20	Coastal Skyline Block 5 – Facing HKLR		50	Urban	Res
A21	La Rossa B – Facing NLH		56	Urban	Res
A22	La Rossa B – Facing HKLR		56	Urban	Res
A23	LeBleu No.1		1-3	Urban	Res
A24	LeBleu No.31		1-3	Urban	Res
A25	LeBleu No.99		1-3	Urban	Res
A26	LeBleu No.2		1-3	Urban	Res
A27	LeBleu No.22		1-3	Urban	Res
A28	LeBleu No.88		1-3	Urban	Res
A29	LeBleu Deux		1-3	Urban	Res
A30	LeBleu Deux		1-3	Urban	Res
A31	LeBleu Deux		1-3	Urban	Res
A32	LeBleu Deux		1-3	Urban	Res
A33	Seaview Crescent Block 5 – Facing NLH		50	Urban	Res
A34	Seaview Crescent Block 5 – Facing HKLR		50	Urban	Res
A35	Seaview Crescent Block 3 – Facing NLH		49	Urban	Res
A36	Seaview Crescent Block 3 – Facing HKLR		49	Urban	Res
A37	Seaview Crescent Block 1 – Facing NLH		49	Urban	Res
A38	Seaview Crescent Block 1 – Facing HKLR		49	Urban	Res

ASR ID	Description	Area	No. of Storey (approx)	Urban /Rural	Land use ^[2]
A39	Ling Liang Church E Wun Secondary School		7	Urban	GIC
A40	Ling Liang Church Sau Tak Primary School		7	Urban	GIC
A101	Novotel Citygate Hong Kong		30	Urban	Com
P4	Planned Community Hall and Library	[B]	5	Urban	GIC
P5	Planned District Open Space	[B]	1	Urban	OS
P6	Planned District Open Space	[B]	1	Urban	OS
A100	Man Tung Road Park		1	Urban	OS
A67	Aviation Security Company Limited	Airport Island ^[A]	10	Rural	Com
A68	Tradeport Logistics Centre		10	Rural	Com
A69	Tradeport Logistics Centre		10	Rural	Com
A70	Cathay Pacific City		10	Rural	Com
A71	Cathay Pacific City		10	Rural	Com
A72	Chek Lap Kok Fire Station		3	Rural	Com
A73	LSG Sky Chefs		10	Rural	Com
A74	LSG Sky Chefs		10	Rural	Com
A75	Cathay Pacific Catering Services		10	Rural	Com
A76	Cathay Pacific Catering Services		10	Rural	Com
A77	Airport Police Station		3	Rural	Com
A78	Gate Gourmet Catering Building		10	Rural	Com
A79	CNAC Tower		10	Rural	Com
A80	Dragonair Tower		10	Rural	Com
A81	Regal Airport Hotel		30	Rural	Com
A82	SkyCity Nine Eagles Golf Course		1	Rural	OS
A83	SkyCity Nine Eagles Golf Course		1	Rural	OS
A84	SkyCity Nine Eagles Golf Course		1	Rural	OS
A85	Hong Kong SkyCity Marriott Hotel		30	Rural	Com
A86	Hong Kong SkyCity Marriott Hotel		30	Rural	Com
A87	AsiaWorld-Expo		5	Rural	Com
A88	AsiaWorld-Expo		5	Rural	Com
A89	Government Flying Services Headquarters		10	Rural	GIC
A102	Terminal 2 Sky Plaza		5	Rural	GIC
A103	SkyCity Nine Eagles Golf Course		1	Rural	OS
A104	SkyCity Nine Eagles Golf Course		1	Rural	OS
A105	Hong Kong Business Aviation Centre		10	Rural	Com
A106	DHL Central Asia Hub		10	Rural	Com
P1	Tung Chung East Development	Planned ASRs ^[B]	-	Urban	Res
P2	Tung Chung East Development	· ·	-	Urban	Res
P7	Tung Chung West Development		-	Urban	Res
P8	Tung Chung West Development		-	Urban	Res
P9	Tung Chung West Development		-	Urban	Res
P10	Tung Chung West Development		_	Urban	Res
P11	Tung Chung West Development		-	Urban	Res

ASR ID	Description	Area	No. of Storey (approx)	Urban /Rural	Land use ^[2]
P12	Future CAD Headquarters ((Road side)		10	Urban	GIC
P13	Future CAD Headquarters (5m setback)		10	Urban	GIC

Notes:

[A] For both construction and operation phase assessment.

[B] For operation phase assessment only.

[1] Classified into urban and rural categories

[2] Res – residential; Com – Commercial; OS – Open Space; GIC – Government/Institution

- [3] The planning for the future Tung Chung East and West Further Development is still pending
- [4] The ASRs in the eastern coast of Tung Chung East Future Development, Lantau Logistic Park and the MTRCL Siu Ho Wan Depot are assessed in the EIA Report for TMCLKL.

5.3.2 Air Pollution Sources

5.3.2.1 Both construction and operation of the project would inevitably generate air pollutants with potential impacts on neighbouring sensitive receivers. These air pollutant emission sources include:

Phase <u>Air Pollution Sources</u>

- Fugitive dust from various construction activities, including excavation, stockpiling, barging, infrastructure works etc
 - Fugitive dust from concrete batching plant (near Siu Ho Wan Sewage Treatment Works) and To Kau Wan (near Toll Plaza of NLH)
 - Cut-and-cover section of the APM tunnel on the airport island
- Vehicular emissions from road traffic, including vehicles on roads, or at the HKBCF facilities (such as kiosks, loading/unloading bays).
- **5.3.2.2** It should be noted that marine works such as dredging, underwater filling during reclamation, and installation of viaduct decks would not significantly generate fugitive dust.

5.4 Potential Concurrent Projects

5.4.1 As discussed in **Section 1**, the tentative commissioning year of the project is 2015 for HKLR and 2015/2016 (Phase 1/Phase 2) for HKBCF. All concurrent projects, which may have cumulative environmental impacts during its operation period, have been identified and discussed in **Section 1**. The following table summarises the concurrent projects that would have cumulative air quality impacts during the construction and operation phases of the project.

Phase	Key Concurrent Projects	Remark
Construction	Lantau Logistics Park	Possible concurrent construction with HKLR and HKBCF
	Tuen Mun-Chek Lap Kok Link	Possible concurrent construction with HKLR and HKBCF
Operation	Lantau Logistics Park	Traffic induced has been included
	Possible LLP Extension or other compatible uses	Traffic induced has been included

	Table 5-4	Key Concurrent Pro	pjects for Air Quality	Assessment
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Phase	Key Concurrent Projects	Remark
	FutureTung Chung East & West Developments	Traffic induced has been included
	Road P1 in North Lantau (for the section from Sham Shui Kok to Sunny bay)	Traffic induced has been included
	Container Terminal 10	Emission from additional marine vessels
	Sunny Bay Tourism Node	Traffic induced has been included
	Theme Park Extension at Penny's Bay	Traffic induced has been included
	Commercial developments on Airport Island	Traffic induced has been included
	MTRCL Siu Ho Wan Depot	Traffic induced has been included
	Castle Peak Power Station	Chimney emission has been included
	Black Point Power Station	Chimney emission has been included
	Lamma Power Station	Chimney emission has been included
	Hong Kong International Airport	Emissions from aircraft and other facilities has been included
	Sludge Treatment Facilities	Emission from incineration and any other related activities
	Tuen Mun-Chek Lap Kok Link	Vehicular emission has been included
	HZMB Main Bridge	Vehicular emission has been included
	Eco Park	Chimney emission has been included
	Green Island Garment	Chimney emission has been included
	STF	Chimney emission has been included

5.4.2 It should be noted that the traffic forecast for HKLR and HKBCF has in fact already taken account of traffic generated by the planned developments as tabulated above. Hence, the vehicular emission model has also covered all the traffic emissions from these planned developments as well.

5.5 Construction Dust Assessment

5.5.1 Potential Sources of Dust

- **5.5.1.1** A review has been conducted on the construction methodology (see **Section 4** for details) for various works areas. Construction dust will be potentially generated from the mainly land-based construction works including the following activities:
 - Filling;
 - Soil excavation activities;
 - Backfilling;
 - Surcharge and temporary storage of spoil on site;
 - Construction of portals and cut-&-cover tunnel;
 - Construction of infrastructure and utilities;
 - Loading and unloading of excavated materials / fill materials at barging facility; and
 - Concrete batching plant.

- **5.5.1.2** Other marine based construction activities such as seawall construction, dredging, marine bored piling, viaduct deck construction etc would have insignificant fugitive dust generation and hence would not be included in this quantitative assessment. **Figure 5.2a** shows the location of these dust emission sources.
- **5.5.1.3** According to the latest design information, the Passenger Clearance Building (PCB) on the HKBCF will be commissioned in 2015. Hence, during the period Late 2015 Late 2016, the passengers and workers at the PCB will be in relatively close proximity to the remaining construction activities for the works in the northern portion of HKBCF as shown on **Figure 1.2**. The construction dust model would include all the concurrent construction activities (see S.5.5.3).

5.5.2 Emission Inventory

- **5.5.2.1** Fugitive dust impact assessments will be carried out based on conservative assumptions of general construction activities which include the following:
 - Heavy construction activities including site clearance, ground excavation, construction of the associated facilities, haul road etc;
 - Wind erosion of all open sites, including stockpile and barging area;
 - Loading/unloading from trucks at barging point and stockpiles; and
 - Concrete batching plant.
- 5.5.2.2 The prediction of dust emissions is based on typical values and emission factors from United States Environmental Protection Agency (USEPA) Compilation of Air Pollution Emission Factors (AP-42), 5th Edition. Calculation of dust emission factors is given in Appendix 5A. References of the calculations of dust emission factors for different dust generating activities are listed below. For easy reference, the locations of ASRs assessment points and worksites, and the dust emission rates input into the model are presented in Appendix 5B.

Activities	Reference ^[1]	Operating Sites	Equations and Assumptions
Heavy construction activities including land clearance, ground excavation, cut and fill operations, construction of the facilities, haul road, etc	S.13.2.3.3	All construction and excavation sites	E = 1.2 tons/acre/month of activity or = 2.69Mg/hectare/month of activity
Wind Erosion	S.11.9, Table 11.9.4	All construction sites, any stockpile areas, barging area (all open sites)	E = 0.85 Mg/hectare/yr (24 hour emission)
Loading/Unloading at barging points and any stockpile	S13.2.4	Barging point and/or any stockpiles	$E = k(0.0016) \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} (kg / megagram)$ k is particle size multiplier U is average wind speed
			U is average wind speed M is material moisture content

Table 5-5 References of Dust Emission Factors for Different Activities

[1] (USEPA) Compilation of Air Pollution Emission Factors (AP-42), 5th Edition

5.5.2.3 Dust emission from construction vehicle movement will generally be limited within the confined worksites area and the equation in AP-42 S.13.2.3.3 has taken this factor into account. Watering facilities will be provided at every designated

vehicular exit point. Since all vehicles will be washed at exit points and vehicle loaded with the dusty materials will be covered entirely by clean impervious sheeting before leaving the construction site, dust nuisance from construction vehicle movement outside the worksites is unlikely to be significant.

- **5.5.2.4** If stockpiling is adopted, it is recommended that vehicles will move to the stockpiling areas where C&D materials will be unloaded immediately. The vehicles will then be washed again before leaving the stockpiles in order to minimise generation of dusty materials. Therefore, the major dust generating activities at stockpiling areas will be originated mainly from wind erosion and loading/unloading of materials; and these will be assumed in the fugitive dust modelling.
- For the calculation of 1-hr and 24-hr TSP concentration, an active operating area 5.5.2.5 of 30% has been assumed at any one time. Dust suppression measures and estimated mitigation efficiencies will be incorporated into the dust emission With reference to Section 11.2.4.4 of AP-42 4th Edition, dust calculations. emissions from construction areas could be reduced by 50% by twice daily watering with complete coverage of active construction areas. Dust generated from vehicle traffic on unpaved site roads (if any) would be reduced by lowering the vehicle travelling speed. The percentage dust reduction will be estimated in accordance with Section 13.2.2.2 of AP-42 5th Edition. For the calculation of annual TSP construction, the active works area over the entire year would be less than for a typical hour and typical day. On this basis, it is considered that a 10% active operating area would be a more representative assumption. The active operating area for 1-hr, 24-hr and annual concentration has been agreed by the Engineer.
- **5.5.2.6** There would also be concrete batching plant at temporary works area at Tai Ho (near Siu Ho Wan Sewage Treatment Works) and To Kau Wan (near Toll Plaza of NLH) (see **Figure 5.2b**). The total capacity of these 2 concrete batching plants is 3,600m³/day and are located at more than 2 km from the existing ASRs in Tung Chung and Airport Island. In addition, these concrete batching plant are controlled under the Specified Process and hence sufficient mitigation measures would be implemented to control the emission of dust. The Contractor is also required to demonstrate by calculation that the design of his concrete batching plant would not cause unacceptable impacts. A list of the mitigation measures to be implemented by the contractor is given in **Section 5.5.7**. Hence, the impacts from these concrete batching plants would have insignificants cumulative impacts and not be quantified in this EIA.
- **5.5.2.7** There will be a maximum of 2 barges operating at the barging point to the south of Scenic Hill at any one time. Good site practices including the following would be implemented.
 - a. All road surface within the barging facilities will be paved.
 - b. Dust enclosures will be provided for the loading ramp.
 - c. Vehicles will be required to pass through designated wheels wash facilities.
 - d. Continuous water spray at the loading points.
- **5.5.2.8** These good site practices would be able to reduce the generation of dust at barging point by at least 90%.

5.5.3 Assessment Methodology

5.5.3.1 Dust impact assessment will be undertaken using the Fugitive Dust Model (FDM) as approved by USEPA and EPD. It is a well-known Gaussian Plume model designed for computing air dispersion model for fugitive dust sources. Modelling parameters including dust emission factors, particles size distributions, surface roughness, etc are referred to in EPD's "Guideline on choice of models and model parameters" and USEPA's AP-42. The density of dust will be assumed to be 2.5g/m³. The 5-year mean of the annual averaged TSP concentration will be

taken as the background concentration. According to EPD's monitoring data for Tung Chung Station, the 5-year average 1-hr TSP concentration is 71ug/m³ and this would be taken as the background concentration for fugitive dust modelling.

- **5.5.3.2** During daytime working hours (7am to 7pm), it is assumed that dust emissions would be generated from all dust generating activities and site erosion. Subject to the need of construction work at night-time and on weekend/holiday, it is assumed that dust emissions would only be generated from site erosion during night-time non-working hours (7pm to 7am of the next day).
- **5.5.3.3** The worst-case 1-hour, worst-case 24-hour average and annual TSP concentrations will be calculated based on real meteorological data (for Year 2007) on wind direction, wind speed, temperature and stability collected from the nearest weather station, the Chek Lap Kok Airport meteorological station.
- **5.5.3.4** Fugitive dust modelling will be conducted at heights 1.5m above local ground level. Since all the dust generating sources are at ground level, this assessment height would represent the worst-case scenario. Both the unmitigated and mitigated scenarios for the project will be presented. The following parameters had been adopted in the FDM model.

Table 5-6 Summary of Particles Size Distribution

Activities	Average value of particle size range ^[1]]
	1.25um	3.75um	7.5um	12.5um	22.5um
Heavy construction activities including filling, land clearing, ground excavation, cut and fill operations, construction of the facilities	7.2%	19.9%	20.3%	17.6%	35.1%
Wind Erosion					
 Loading / unloading at barging points and surcharge / stockpile 					

[1] S13.2.4.3 of USEPA AP-42

5.5.3.5 The concurrent construction of TMCLKL, HKBCF, LLP, etc have been included in the cumulative assessment. It should be noted that the marine viaduct section of HKLR and TMCLKL would mainly be viaduct structure and there would not be any major excavation. Similarly, the slope cutting and realignment of Cheung Tung Road under TMCLKL project are relatively small scale and more than 2 km from the existing ASRs in Tung Chung. Hence, it is anticipated that the cumulative dust impacts caused by the slope work, road realignment of Cheung Tung Road, and marine viaduct section of HKLR and TMCLKL would not be significant.

5.5.4 Assessment Results - "Unmitigated" Scenario

- **5.5.4.1** The maximum predicted 1-hour, 24-hour and annual TSP levels for construction of and other concurrent projects are summarised in **Table 5-7**.
- **5.5.4.2** The maximum predicted TSP hourly concentration is 2,443µg/m³ at the planned CAD Headquarters. These predicted concentrations have exceeded the 1-hr TSP criterion. The 24-hr concentration and the annual concentration for some ASRs also exceed the respective criteria.

	Maximum Fredicied TSF concentrations under the ommitigated scenario			
		Concentration Unmitigated Scenario, ug/m ³		
ASR	Description	1-hr ^[1]	24-hr [2]	Annual average [3]
A87	AsiaWorld-Expo	2,218	235	85
A85	Hong Kong SkyCity Marriott Hotel	2,257	230	87
A82	SkyCity Nine Eagles Golf Course	2,018	233	92
A102	Terminal 2 Sky Plaza	2,066	371	99
P12	Planned CAD Headquarters Site (Roadside)	2,443	455	110
A79	CNAC Tower	1,704	253	93
A71	Cathay Pacific City	1,741	260	82
A67	Aviation Security Company Limited	918	145	76
A2	Caribbean Coast Block 1 - BCF Facade	901	182	75
A30	LeBleu Deux	815	136	75
A59	Ma Wan Chung	574	112	74

T I I I I A A			
Table 5-7 Maxi	imum Predicted TSP	concentrations under the	"Unmitigated" scenario

Notes

[1] An hourly averaged TSP concentration of 500µg/m³ should not be exceeded

[2] A 24-hour averaged TSP concentration of 260µg/m³ should not be exceeded

[3] An annual averaged TSP concentration of 80µg/m³ should not be exceeded

[4] Bold figures indicate the predicted TSP levels has exceeded EPD's standards

5.5.5 Assessment Results - "Mitigated" Scenario

- 5.5.5.1 The unmitigated TSP concentrations in Table 5-7 above are high at some ASRs. However, under a good site practice with regular watering, dust suppression could be achieved. In accordance with USEPA AP-42, watering twice a day could generally reduce dust emission by half and hence the dust concentration by 50%. Hence, on the same basis, watering 4 times a day would achieve a dust removal efficiency of 75% (ie 100% 100%/4). Similarly, watering 8 times a day would achieve a dust removal efficiency of 87.5% (ie 100% 100%/8). In addition, using aggregates to pave the haul roads would also help to mitigate the dust generation. Assessment results indicate that the following watering measures is required to control the fugitive dust impacts:
 - 8 times / day along within all work sites (an dust removal efficiency of 87.5%).
- **5.5.5.2** With the above watering throughout the construction phase, the 1-hour, 24-hour and annual TSP levels are predicted as shown in the table below. Details of the assessment results are given in **Appendix 5B** and the contours are given in **Figure 5.3**.

		Concentration Mitigated Scenario, ug/m ³		
ASR	Description	1-hr [1]	24-hr [2]	Annual average ^[3]
A87	AsiaWorld-Expo	339	93	73
A85	Hong Kong SkyCity Marriott Hotel	344	92	73
A82	SkyCity Nine Eagles Golf Course	314	95	74
A102	Terminal 2 Sky Plaza	320	111	75
P12	Planned CAD Headquarters Site (Roadside)	367	122	76
A79	CNAC Tower	275	95	74
A71	Cathay Pacific City	280	96	73
A67	Aviation Security Company Limited	177	81	72
A2	Caribbean Coast Block 1 - BCF Facade	175	85	72
A30	LeBleu Deux	164	79	72
A59	Ma Wan Chung	134	77	71

	Maximum Predicted	TCD componentrations	under the "Mitimeted"	loopmaria
12016 5-8	Maximum Predicted	TSP CONCEDITATIONS	Inder the "Millioaled"	Scenario

Notes

- [1] An hourly averaged TSP concentration of 500µg/m³ should not be exceeded
- [2] A 24-hour averaged TSP concentration of 260µg/m³ should not be exceeded
- [3] An annual averaged TSP concentration of 80µg/m³ should not be exceeded
- [4] Bold figures indicate the predicted TSP levels has exceeded EPD's standards
- **5.5.5.3** It should be noted that there would still be some minor construction works being conducted at the north of the HKBCF when the PCB is occupied in late 2015 and late 2016. Given that the minor construction work such as roadwork/structure/paving and the fact that the PCB would be air-conditioned, the filters of the air-conditioning system will serve to reduce construction dust to the remaining construction work. Hence, there would be insignificant fugitive dust impacts on the PCB.
- **5.5.5.4** Results indicate that by increasing frequency of watering as described above, the predicted cumulative 1-hour, 24-hour and annual TSP levels at all ASRs will comply with the TM-EIA and HKAQO. Hence, there would be no adverse cumulative dust impact caused. Pollution contours are presented in **Figure 5.3**. There will not be any air sensitive landuses exposed to impacts higher than the criterion. (For 1-hr TSP contours, it can been seen that the 500µg/m³ contour could encroach onto the existing CLP power substation and the electrical Switching Station which are not frequently manned and hence are not considered as sensitive to air quality. Part of the existing Marine Cargo Terminal berth would also be within the 500µg/m³ contour. However, the berth would stop operation once the construction work in the vicinity commences. Hence it is also not considered as sensitive to air quality.)
- **5.5.5.5** The construction dust impacts on ASR at LLP, MTR Siu Ho Wan Depot etc are assessed in the EIA for TMCLKL and have been confirmed to be comply with the legislative requirements and hence there is no residual construction dust impacts.

5.5.6 Recommended Mitigation Measures for Fugitive Dust

- **5.5.6.1** The Contractor is obliged to follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation. It stipulates the construction dust control requirements for both Notifiable (e.g. site formation) and Regulatory (e.g. road opening) Works to be carried out by the Contractor.
- **5.5.6.2** In accordance with the Air Pollution Control (Construction Dust) Regulation, the following dust suppression measures should also be incorporated by the Contractor to control the dust nuisance throughout the construction phase:
 - Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading;
 - Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads;
 - A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones;
 - The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle;
 - Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;

- When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;
- The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials;
- Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously;
- Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet;
- Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding;
- Any skip hoist for material transport should be totally enclosed by impervious sheeting;
- Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;
- Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed;
- Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system; and
- Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies.
- **5.5.6.3** For the barging facilities to the south of Scenic Hill, the following good site practice is required.
 - a. All road surface within the barging facilities will be paved.
 - b. Dust enclosures will be provided for the loading ramp.
 - c. Vehicles will be required to pass through designated wheel wash facilities.
 - d. Continuous water spray at the loading point.
- **5.5.6.4** By implementing these control measures and with good construction site practice, it is anticipated that dust impacts will be insignificant. It is recommended that the Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase.
- **5.5.6.5** These requirements should be incorporated into the Contract Specification for the civil work. In addition, an audit and monitoring programme during the construction phase should be implemented by the Contractor to ensure that the construction dust impacts are controlled to within the HKAQO. Detailed requirements for the audit and monitoring programme are given separately in the EM&A manual.

5.5.7 Recommended Mitigation Measures for Concrete Batching Plant

- **5.5.7.1** It should also be noted that in accordance with EPD's Best Practicable Means Requirements for Cement Works (Concrete Batching Plant), the following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant:
 - Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system;
 - All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP;
 - Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system;
 - The materials which may generate airborne dusty emissions should be wetted by water spray system;
 - All receiving hoppers should be enclosed on three sides up to 3m above unloading point;
 - All conveyor transfer points should be totally enclosed;
 - All access and route roads within the premises should be paved and wetted; and
 - Vehicle cleaning facilities should be provided and used by all concrete trucks before leaving the premises to wash off any dust on the wheels and/or body.

5.5.8 Residual Impacts for Fugitive Dust

5.5.8.1 No residual dust impacts are expected with the adoption of appropriate dust mitigation measures, which will be implemented during the construction phase.

5.6 Operational Air Quality Assessment

5.6.1 Assessment Approach

- **5.6.1.1** Taking account of the air pollution control measures recommended in the Pearl River Delta Regional Air Quality Management Plan, which has been jointly drawn up by the governments of HKSAR and Guangdong in 2003 (see **Section 5.6.3**), the assessment for cumulative operational air quality has adopted the following approach:
 - A regional model viz. Pollutants in the Atmosphere and the Transport over Hong Kong (PATH, a regional air quality prediction model developed by EPD) is used to quantify the impacts from various sources including those in Pearl River Delta Economic Zone (PRDEZ), the Hong Kong International Airport, power plants in HKSAR and roads beyond North Lantau etc.
 - A near-field dispersion model is used i.e. CALINE4 for line sources to quantify the air quality impacts at local scale from open road emission and idling emission at HKBCF. Another near-field model ISCST3 is used to assess point and volume sources to quantify the air quality impacts at local scale from portals and ventilation buildings.
- 5.6.1.2 Appendix 5C illustrates the extent of the roads within the study area (i.e. in North Lantau) that would be included in near-field model. As discussed in Section 5.6.1.1, the pollutant dispersion from these roads has been predicted using CALINE4. Another model EmFAC-HK has been adopted to calculate the total vehicular tailpipe emission from roads within North Lantau.

5.6.2 Determination of Assessment Year

- **5.6.2.1** In accordance with the EIA Study Brief, the assessment year for air pollution impacts shall be calculated based on the highest emission strength from the project within the next 15 years upon commencement. The selected assessment year should therefore represent the highest emission scenario for HKLR and other proposed roads under HKBCF.
- **5.6.2.2** Given the operation nature of the project, NO₂ is the pollutant of primary concern. The worst assessment year has therefore been determined based on the highest total NO_x emission scenario using the EmFAC–HK. The approach for EmFAC-HK modelling is presented in **Section 5.6.10**.
- **5.6.2.3** Traffic forecast for 2015, 2016, 2021 and 2031 have been conducted, which has been submitted to TD and without any adverse comments. Sensitivity tests have therefore been undertaken to examine the worst case scenario for the following selected years:
 - Year 2015 HKLR commissioning year and HKBCF Phase 1 commissioning year;
 - Year 2016 HKBCF Phase 2 commissioning year;
 - Year 2021 Intermediate year between 2016 and 2031; and
 - Year 2031 15 years after HKBCF Phase 2 commissioning.
- **5.6.2.4** Results for the above 4 scenarios are compared in the following table. It can therefore be concluded that the highest emission scenario is Year 2031.

	Year for Sensitivity Tests (Figures below are NOx emissions in terms of Tonne / day)			
Emission Category	2015 ^[1]	2016	2021	2031
HKLR	0.2660	0.2812	0.3329	0.5237
HKBCF and Associated Roads				
Cross-boundary	0.1060	0.1145	0.1307	0.1978
Local traffic	0.0528	0.0893	0.0853	0.0929
Idling Emission on HKBCF	0.0218	0.0211	0.0317	0.0572
Total	0.4466	0.5061	0.5806	0.8716

Table 5-9 Sensitivity Test for Determination of Assessment Year

[1] The original sensitivity test was conducted for 2014. Subsequent to the sensitivity test, the HKLR commissioning year and the HKBCF Phase 1 commissioning year has been changed to 2015. Given the slight change from 2014 to 2015 and the fact that the emission factors for 2015 are slightly less than that for 2014, it is more conservative to use the emission for 2014. It is therefore considered that it would not change the assessment year as 2031.

5.6.3 Emissions within Pearl River Delta Economic Zone (PRDEZ)

- **5.6.3.1** The Study of Air Quality in the Pearl River Delta Region conducted in Year 2000 had recommended various mitigation strategies to control and improve the regional air quality problems. In December 2003, the governments of HKSAR and Guangdong jointly drew up the Pearl River Delta Regional Air Quality Management Plan, with a view to meeting the emission reduction targets recommended in the Study of Air Quality in the Pearl River Delta Region. The Pearl River Delta Air Quality Management and Monitoring Special Panel has also been set up under the Hong Kong/Guangdong Joint Working Group on Sustainable Development and Environmental Protection to follow-up on the tasks under the Management Plan.
- **5.6.3.2** A Mid-term Review Study on Pearl River Delta Regional Air Quality Management Plan was commissioned by EPD (of HKSAR Government) and the Guangdong Environmental Protection Bureau (GPEPB) in Nov 2006 to update the regional pollutant emission for 2003 and 2010 Control Scenario, as well as to review the

effect of control measures committed by the governments. The updated data from this Mid-term Review Study forms the basis for projection of PRDEZ emission in this EIA.

- 5.6.3.3 In addition, the Guangdong Province government also prepared the 珠江三角 洲環境保護規劃 in Jun 2006 which also outlined the plan to control and reduce their emission up to 2020. With such measures, the resulted 2020 PRDEZ emission data are significantly lower than the 2010 PRDEZ emission data from the Mid-term Review Study.
- 5.6.3.4 Given the best available emission inventory for 2010 from the Mid-Term Review and the 2020 inventory compiled from 珠 江 三角 洲 環境保護規劃, it is considered that a prudent approach would be to interpolate from these 2 sets of inventory to generate the 2015 inventory and to assume that the regional emission would then be capped within the assessment period of this project ie up to 2031. (Note: In accordance with the 珠江三角洲環境保護規劃, with the measures therein, the PRDEZ emission will in fact continue to reduce all the way to 2020. However, for a conservative assessment, it is assumed that the PRDEZ emission is capped at 2015 level as far as this EIA is concerned.) A summary of the 2031 PRDEZ emission inventory is given in **Appendix 5D**.

5.6.4 Emissions from Hong Kong International Airport

- **5.6.4.1** A review of the operation activities on the Chek Lap Kok Airport reveals that there are 6 key groups of emission sources, including
 - Aircraft movements;
 - Ground Support Equipment (GSE);
 - Auxiliary Power Units (APUs);
 - Engine Run-Up Facility;
 - Fuel Tanks; and
 - Aircraft Maintenance.
- **5.6.4.2** The respective stakeholders for the above-mentioned sources have been consulted to obtain relevant latest operation information. The key assumptions adopted to compile the emission inventory are described in the paragraphs below. The operation information provided by the airport operator (i.e. the Airport Authority) is summarised in **Appendix 5E**.

Aircraft Movements

- **5.6.4.3** Aircraft movements could be considered as comprising 4 main operation modes, viz. take-off, climb-out, final approach and idling/taxi-ing. Each mode would have different Emission Index (EI), fuel consumption rates and duration. The pollutant emissions from these modes would be a product of the EI, fuel consumption rates and the duration.
- **5.6.4.4** The latest operation information for aircraft movements including Landing-Takeoff Cycle (LTO), aircraft mix and the duration of idling/taxi-ing for 2020 (year when the airport would reach its capacity) had been collected from the airport operator (i.e. the Airport Authority).
- **5.6.4.5** Since there is no information on the EIs, fuel consumption rates and the duration for different types of aircrafts (except the taxi-ing and idling time), reference is made to international reference such as USEPA's "Evaluation of Air Pollutant Emissions from Subsonic Commercial Jet Aircraft", FAA's "Emission and Dispersion Modelling System" and the ICAO Engine database.
- **5.6.4.6** The airport operator has also advised that the airport would reach its full operation capacity (in terms of passenger and cargo handling) by Year 2020, which is 20 years earlier than the assumed year of reaching capacity adopted in

the New Airport Master Plan 1991 (NAMP 1991). It is therefore assumed that the pollutant emission after Year 2020 would remain the same as that predicted for Year 2020. The updated emission inventory is given in **Appendix 5D**.

Ground Support Equipment

- **5.6.4.7** Other than the emissions from aircrafts, the GSE (mostly diesel-driven) would also generate air pollutants. According to the information available, GSE include tractors, belt loaders, catering trucks etc. Information/data as regards typical load factors and operation duration for the GSE have been obtained from the airport operator.
- **5.6.4.8** The emission factors for GSE have been extracted from the FAA's and EDMS's emission database. **Appendix 5D** presents the predicted GSE emission for Year 2020 and it is assumed that the emission would be capped from 2020 onwards.
- **5.6.4.9** It is assumed that all the GSE would be manoeuvring within the apron area. Hence the emission from GSE would be modelled as an area source covering the entire apron area. The temporal profile for GSE emissions is assumed to be the same as that for aircraft emissions.

Auxiliary Power Units

- **5.6.4.10** Auxiliary power units (APUs) would also generate air pollutants. Information/data as regards typical load factors and operation duration for APUs have been obtained from the airport operator too. Reference has been made to the EDMS database for APUs for different types of aircrafts for Year 2020 (assumed to be capped to Year 2031; see **Appendix 5D**).
- **5.6.4.11** It is assumed that all the APUs would be manoeuvring within the apron area. Hence the emission from APUs would be modelled as an area source covering the entire apron area and at an elevated level to take account of thermal plume rise. The temporal profile for APU emissions is assumed to be the same as that for aircraft emissions.

Engine Run-Up Facility

- **5.6.4.12** The existing engine run-up facility is located in the western part of the airport island. Operation information is however not available. In order to conduct a more conservative assessment, it is assumed that all the aircrafts tested would be 747-400, and each test would consist of 5 LTO cycles. In addition, it is further assumed that there would be 3 times of testing each week. A summary of the predicted emission is given in **Appendix 5D**.
- **5.6.4.13** The facility would be modelled as an area source. And it is assumed that the temporal profile would be constant throughout the year.

Fuel Tanks

- **5.6.4.14** The existing fuel tank farm is located to the southeast corner of the Airport Island near the Scenic Hill, with a total of 9 fuel tanks. Three new tanks are being installed to the west of the existing fuel tank farm. All the tanks have fixed roofs and are freely vented.
- 5.6.4.15 Emissions from the total 12 no. fuel tanks have been estimated using the Emissions and Dispersion Modeling System (EDMS). The results indicate that the annual VOC emission from all fuel tanks would be 8 tonne for Year 2031 (see Appendix 5D). The fuel tank farms have been modelled as point sources. It is assumed that the temporal profile would be constant throughout the year.

Aircraft Maintenance

5.6.4.16 It is understood that the main sources of VOC from aircraft maintenance are the paint shops and the aircraft hangers. However, air extraction systems have been

installed to extract the VOC to water scrubbers before discharging to the atmosphere. It is therefore anticipated that the VOC emission through the scrubbers should be insignificant. Hence the PATH model has not included any emissions from the aircraft maintenance facility.

5.6.5 Emissions from Power Stations within HKSAR

5.6.5.1 In accordance with the information from the power stations in HKSAR, about 28% of the electricity is currently generated from natural gas. It is also noted from their publication (eg annual reports) that they have plans to increase the utilisation of natural gas to 50% by early next decade. It is therefore considered reasonable to assume that, by the time of 2015, the utilisation rate of natural gas within HKSAR should have reached 50%. It is also assumed that after Year 2015, the emission would be capped at the same level as 2015. This should be an assumption on the prudent side, as the trend of increase in utilisation of natural gas ought not reverse after Year 2015. An estimate of the emission with a natural gas utilisation rate of 50% is given in **Appendix 5D**.

5.6.6 Industrial Sources within HKSAR

- **5.6.6.1** The emissions from other industrial sources have also been considered. Estimation has been made by projecting from the emission level for 2010 in the Mid-Term Review to the emission level for 2015. A summary of the industrial emission sources within HKSAR for 2031 is given in **Appendix 5D**.
- **5.6.6.2** Other specific emission sources have been updated based on their respective best available information. A summary of the specific industrial emission sources within HKSAR for 2031 is given in **Appendix 5D**. The assumptions for updating these specific industrial emission sources are given below:

Emission Group	Key Assumptions in Updating Emission Inventory
Ecopark	• Based on their approved EIA Report.
Integrated Waste Management Facilities	 According to the project proponent, there is no information as regards its implementation; hence it is not included in the emission inventory in this EIA.
Organic Waste Facilities	• Ditto.
Sludge Treatment Facility	 Based on their approved EIA Report (ref: EIA- 155/2008)
Green Island Cement Facilities	• Based on their Specified Process Licence.

5.6.7 Marine Emission within HKSAR

5.6.7.1 In the original PATH model developed by EPD, the marine emission sources in Hong Kong were apportioned into 2 counties including:

Hong Kong Harbour	٠	Marine emissions from vessels within the Victoria Harbour
HK Waters	•	Marine emissions from vessels from area beyond the Victoria Harbour

- **5.6.7.2** Marine emission inventory for the Control Scenario of Year 2010 in the Mid-term Review Study will be adopted as the basis for emission projection. The emission from marine vessels are apportioned into different categories including supporting ships, international ferry, river trade, ocean going vessels, anchorage and other ships based on the emission breakdown of the above-mentioned 2010 Control Scenario.
- **5.6.7.3** For emission projection, reference has been made to the Study on Hong Kong Port – Master Plan 2020 – Final Strategic Environmental Assessment – Part 2

(Port 2020 Study). Accordingly, the growth factors tabulated below have been adopted.

Table 5-10	Growth Factor for Marine Vessels from 1997 to 2020

		% Increase from Yr 1997			
Emission Source		Ocean Going Ships	Ferries	River Trades	Tug & Tow
Hong Kong harbour	1997 – 2020 (as in Port 2020 Study)	99	0	145	-62
	Equiv annual growth rate (assuming linear growth)	3.04	0.00	3.97	-4.12
Hong Kong waters	1997 – 2020 (as in Port 2020 Study)	162	0	145	-62
	Equiv annual growth rate (assuming linear growth)		0.00	3.97	-4.12
Container Terminal CT 1-9	1997 – 2020 (as in Port 2020 Study)	113.00	* TEU trend		
	Equiv annual growth rate (assuming linear growth)	3.34			
Container Terminal CT 10	1997 – 2020 (as in Port 2020 Study)	182.00	* TEU trend		
	Equiv annual growth rate (assuming linear growth)	4.61			

Note:

- (1) Data (with CT10 at Tsing Yi) are extracted from Study on Hong Kong Port Master Plan 2020 Final Strategic Environmental Assessment Part 2 (Port 2020 Study)
 - **5.6.7.4** The emission for the assessment year 2031 can then be determined based on the 2010 emission and the equivalent annual growth factors; the result is presented in **Appendix 5D**.

5.6.8 Vehicular Emissions within HKSAR beyond those on Lantau

- **5.6.8.1** For roads beyond Lantau, the emissions are predicted using EPD's EmFAC-HK model which takes into account the exhaust technology, number of trips, different vehicle classes, different speed fraction etc of the entire Hong Kong region. The vehicle-kilometer-travelled (VKT) were forecast by Arup's in-house Territory Transport Model (accepted by Transport Department).
- **5.6.8.2** Whereas detailed assessment on the traffic for roads in Lantau/Airport has been conducted under the traffic impact assessments for HKLR and HKBCF, the traffic for roads beyond Lantau can only make reference to territory-wide traffic forecast. For these ready beyond Lantau, the territory wide traffic forecast is only available for Year 2030, though all the major planned highway infrastructure projects have been included. It is also considered that the territory wide traffic for 2031 would be very similar to that of 2030. Moreover, any impacts due to these "beyond-Lantau roads" on the sensitive receivers relevant to the EIAs of HKLR & HKBCF ought to be relatively minor. Hence the 2030 territory-wide traffic figures are considered to be acceptable to assess the impacts due to these "beyond-Lantau roads". A summary of the projected 2030 (equivalent to 2031) vehicular emission from HK roads other than those on Lantau is given in **Appendix 5D**.

5.6.9 Other Emission Sources

5.6.9.1 The emissions from other emission sources (eg Non-Road mobile sources, VOC containing sources etc) have also been considered by projecting from the emission level for 2010 in the Mid-Term Review to the emission level for 2015. A summary of the other emission sources within HKSAR for 2031 is given in Appendix 5D.

5.6.10 Road Emission within Lantau and Airport Island

- **5.6.10.1** For road emissions within Lantau/Airport for Year 2031, EmFAC-HK was used to calculate the vehicular tailpipe emission instead of using the traditional fleet average emission factors. EmFAC-HK (ref http://www.epd.gov.hk /epd /english /environmentinhk /air /guide_ref /emfac.html) is a more versatile model giving more refined estimates, and is appropriate for the current study from an air quality assessment point of view. It can readily calculate the vehicular emissions for different projected scenarios for different future years, while the traditional fleet average emission factors commonly used in other projects can only provide emission factors up to Year 2011 and cannot take into account the implementation of fuel with better quality.
- **5.6.10.2** In accordance with the current legislation, cross-boundary vehicles must go through the vehicle-registration process in Hong Kong. In addition, all motor vehicles seeking first registration in Hong Kong must comply with the requirements of the Air Pollution Control (Vehicle Design Standards) (Emission) Regulations. Since there is no program on policy review, it is assumed that the first registration policy is still applicable for this assessment. This implies that cross-boundary vehicles (mainly on the HKLR and the HKBCF) will perform as Hong Kong vehicles of similar types as far as tailpipe emission is concerned.
- **5.6.10.3** According to the latest implementation programme of the emission standards for diesel vehicles, the following emission standards should be adopted for calculation of emissions from diesel vehicles registered in Hong Kong irrespective of whether they need to travel to/from Macao and Mainland China:
 - (i) Diesel vehicles < 3.5 tonnes: Euro IV by 2007
 - (ii) Diesel vehicles > 3.5 tonnes: Euro IV by 2007, Euro V by 2010
- **5.6.10.4** A recently published diesel fuel analysis result by the Macao Authority shows that their fuel quality is very close to the current fuel in Hong Kong (http://www.ambiente.gov.mo/tchinese/08/2005/05.asp). In addition, Mainland China Authorities announced to implement Euro IV and V standards (for diesel fuel) by 2010 and 2012 respectively (http://sysadm.blog.51cto.com/180447/30805 and http://www.chinarhy.com/chinarhy/2008/200810/2008-10-22/2563.html). The fuel properties will also be in line with the implementation of these standards. Therefore the maximum sulphur content will be 0.005% and 0.001% by 2010 and 2012 respectively.
- **5.6.10.5** In consideration of the above, it should be reasonable to assume that crossboundary vehicles will perform similarly to Hong Kong vehicles in terms of pollutant emission. All vehicles have therefore been considered as Hong Kong vehicles in this assessment.
- **5.6.10.6** Other developments in the Concept Plan of Lantau, such as Tung Chung East Development, Tung Chung West Development, Lantau Logistics Park, tourism node at Sunny Bay, etc. have already been taken into account in developing the traffic data. The traffic profile is determined from the existing Annual Traffic Census (ATC) data, supplemented by the results of traffic survey.
- **5.6.10.7** The air quality assessment under this EIA has also taken into account other factors including the vehicle population, hourly temperature and humidity, traffic speed etc. **Appendix 5F-1** presents the key assumptions for the EmFAC modelling and **Appendix 5F-2** gives the estimation of the vehicular emission factors for NO_x and RSP (including the composite vehicle emission factors for each road link).
- 5.6.11 Vehicular Emission Kiosks and Loading / Unloading Bays
- 5.6.11.1 As discussed in Section 5.3.2, vehicular emission at kiosks and loading / unloading bays also need to be considered. Considerations have been given to the number of vehicles at the kiosks and the loading / unloading bays. A summary of the estimated emissions at 2031 is given below (see Appendix 5G).

	Emission	Factor, (g/hr)
Activities	NOx	RSP
Kiosks		
Car (Inbound)	270.1	Negligible
Car (Outbound)	178.1	Negligible
Goods Vehicle (Inbound)	438	17
Goods Vehicle (Outbound)	370	14
Bus (Inbound)	47	2
Bus (Outbound)	40	2
Loading Bay		
Bus (Inbound)	1247	48
Bus (Outbound)	1056	41
Unloading Bay		
Bus (Inbound)	312	12
Bus (Outbound)	264	10

Table 5-11 Summary of Emission at Kiosks and Loading / Unloading Bays

5.6.12 Vehicular Emission from TMCLKL

5.6.12.1 The vehicular emission from TMCLKL is provided by the EIA Consultant of TMCLKL. A summary of their emission factors is given in **Appendix 5H**.

5.6.13 Other Vehicular Emission

5.6.13.1 The traffic forecast has included all the induced traffic from planned developments such as LLP, Tung Chung East and West Future Developments. In addition, the vehicular emission from the 2 ventilation buildings for the HZMB Main Bridge have also been included for assessing the cumulative air quality impacts.

5.6.14 Dispersion Modelling Methodology

- **5.6.14.1** The PATH model was previously used in the Study of Air Quality in the Pearl River Delta Region (Consultancy Agreement no. CE 106/98), in which regional air quality was predicted up to Year 2015.
- **5.6.14.2** There are three core modules in the PATH model, namely:
 - MM5 Conditioning for Meteorology, Terrain, Landuse;
 - EMS-95 Emission Inventory;
 - SAQM Pollutants Transport & Chemistry Modelling.

Detailed descriptions of these modules are given in Technical Annex 7 of the CE 106/98 Study.

- 5.6.14.3 Input for MM5 Module A complete set of MM5 Module data (at 1.5km grid) for 2003 has been compiled and provided by EPD. This is the best available set of meteorological information for the entire Pearl River Estuary and HKSAR for PATH modelling, satisfying the requirement under Annex B-1 of the EIA Study Brief. This set of data has been adopted for assessing the impacts for the assessment year.
- **5.6.14.4** *Input for EMS-95 Module* EMS-95 consists of 5 main emission modules for point, area, biogenic, motor vehicle and marine sources. Point and area emission data are processed through EMS-95. The resultant output comprises hourly emission files, spatially allocated over the model domain grids, and then

speciated i.e. processed in a suitable format for use in the air quality model emission preprocessor.

- **5.6.14.5** The steps involved in running EMS-95 consists of running firstly the grid definition model, followed by the point, area and biogenics mode, and then the speciation model.
- **5.6.14.6 SAQM Module** The output data from MM5 and EMS-95 are processed through the SAQM module. The SAQM model time-step is set to one hour, and is run in a one-way nested mode. The boundary and initial conditions are derived from the largest 40.5 km domain and used as input to the 13.5 km domain, and subsequently to 4.5km and 1.5km domains.

5.6.15 Prediction of Open Road Emission

- **5.6.15.1** Whereas the traffic emissions for roads beyond Lantau are covered by the PATH modelling already, the traffic emissions for roads in Lantau/Airport are assessed separately by near-field modelling. The USEPA approved line source air dispersion model, CALINE4, developed by the California Department of Transport is used to assess the dispersion of traffic emissions impact from existing and planned roads in the Lantau/Airport area.
- **5.6.15.2** The hourly emission rates for each vehicle class (in gram per mile per vehicle) are obtained by dividing the emissions for the four road categories calculated in the EmFAC-HK by the total vehicle travelled miles. The composite emission factors in CALINE4 model are then calculated, as illustrated in **Appendix 5G**.
- 5.6.15.3 Grid-specific composite real meteorological data are adopted, including:
 - Relevant temperature, wind speed, direction and mixing height from the MM5 model; and
 - Stability class from a separate model PCRAMMET.
- **5.6.15.4** Meteorological data were extracted from PATH model for input into the CALINE4 and ISCST3 models, and processed by capping the mixing height to 129m as per the real meteorological data. As regards the treatment of calm hours, the approach of the "Guideline on Air Quality on Air Quality Models Version 05" has been adopted.
- **5.6.15.5** Ozone Limiting Method (OLM) was adopted for conversion of NO_x to NO_2 , using the predicted O_3 and NO_2 levels from PATH.
- **5.6.15.6** The surface roughness height is closely related to the land use characteristics, and the surface roughness is estimated as 10 percent of the average height of physical structures within 1km study area. The surface roughness and the wind standard deviation are estimated in accordance with the "Guideline on Air Quality Models (Revised), 1986", as summarized in the table below.

Period / Location/ Parameters		Assumptions
Tung Chung	Surface roughness (cm)	370
	Wind standard deviation (degrees)	1) 43 for A & B Stability Classes;
		2) 33 for C Stability Class;
		24 for D Stability Class;
		4) 14 for E Stability Class; and
		5) 7.2 for F Stability Class.
Lantau & Airport	Surface roughness (cm)	50
Island	Wind standard deviation (degrees)	1) 29 for A & B Stability Classes;
		2) 22 for C Stability Class;
		3) 16 for D Stability Class;
		4) 9.5 for E Stability Class; and
		5) 5 for F Stability Class.

 Table 5-12
 Summary of Surface Roughness and Wind Standard Deviation

- **5.6.15.7** Owing to the constraint of the CALINE4 model in modelling elevated roads higher than 10m, the road heights of elevated road sections in excess of 10m high above local ground or water surface will be set to 10m in the CALINE4 model as the worst-case assumption.
- **5.6.15.8** For barriers along roads (eg the existing noise barriers along the NLH near existing Tung Chung area see **Figure 5.4g**), the line source has been modelled at the tip of the barrier and the mixing width will be limited to the actual uncovered road width. The road type of the concerned section was set to the "fill" option.
- **5.6.15.9** As regards the dispersion of emission from kiosks and loading/unloading bays on HKBCF, the Parking Lot mode in the CALINE4 would be used to simulate the dispersion.

5.6.16 Prediction of Portal and Ventilation Building Emissions

5.6.16.1 The USEPA approved ISCST3 model was adopted for modelling of emission from portals and ventilation buildings. Similar to the assessment of open road emission, the ISCST3 model has adopted the grid-specific composite real meteorological data as that adopted for CALINE4 modelling. The tunnels and portals in the proposed project include the following:

Tunnel	Length	Ventilation	Portal Dim	Other Details for VB
<u>HKLR</u>				
Under Scenic Hill (See Figures 5.4a to f)	1.1km	Ventilation Building (70% pollutants discharged from vent building, 30% via portals)	<u>In-Bound</u> Height : 5.85m (above local ground) Width : 12m <u>Out-Bound</u> Height : 5.85m Width : 15.6m	Flow rate : 133m ³ /s Discharge vel : 5m/s Height above local road : 5m Diameter: 5.8m
HKBCF Road link (with tunnel section) from HKBCF to Airport (See Figures 5.4a to f)	~0.9km	Horizontal Jet Fans (100% pollutants discharged from tunnel exit)	Height : 7m (above local ground) Width : 11.3m	(Not required for modelling)

Table 5-13 Summary of Tunnel Ventilation

Note: Details of the ventilation building for TMCLKL are separately provided by the EIA Consultant of TMCLKL (see Appendix 5I).

- **5.6.16.2** For tunnels, the effect of portal emission will be considered. The hourly emission rate will be obtained by multiplying the emission strength (g/km/veh) by the products of traffic flow (veh/hr) and tunnel/enclosure length (km). The emission split between the tunnel portal and ventilation building will be 30% / 70% according to the latest design. For tunnels using jet fans, all the emission would be assumed at the exit of the tunnel.
- **5.6.16.3** The portal emission was assessed in accordance with the PIARC guideline assuming a jet effect to discharge to the first 100-250m of the open road section in the direction of the vehicular movements in 10 sources, with 2/3 of the total emission strength for the first five sources and 1/3 of the total emission strength for the remaining 5 sources. The emission was then modeled as volume sources by ISCST3. **Appendix 5I** presents the calculations for the tunnel portal emission.

- **5.6.16.4** Emissions from the ventilation buildings (including those for HKBCF, TMCLKL, HZMB Main Bridge) were assessed by the ISCST3 model as point sources.
- **5.6.16.5** Ozone Limiting Method (OLM) was used for conversion of NOx to NO_2 based on the O_3 level from PATH direct (i.e. no residual O_3 is considered after vehicular emission interaction). As a conservative approach, OLM is applied separately to the following groups of emission sources:
 - Open roads;
 - West bound portal and ventilation building of the tunnel under Scenic Hill;
 - Eastbound portal of the tunnel under Scenic Hill;
 - Tunnel portals for the road link (with tunnel section) from HKBCF to Airport;
 - Southern tunnel portal for the southern landfall of TMCLKL;
 - Ventilation building for the southern landfall of TMCLKL;
 - Tunnel portals and ventilation building of the HZMB Main Bridge.
- **5.6.16.6** The ventilation design of the tunnels for HKLR and HKBCF would be designed to meet EPD's guidelines for Air Quality Inside Tunnel.

5.6.17 Prediction of Cumulative Air Quality Impacts

5.6.17.1 The cumulative pollutant concentrations are computed by combining the predicted concentration from PATH, CALINE4 and ISCST on an hourly basis. All the predictions including maximum 1-hour, 24-hour average and annual average for NO₂ and RSP from 1.5m to 20m above local ground or higher level for some ASRs are given in **Appendix 5J**. A summary of these predictions at the worst hit levels is presented in the tables below.

Locations	NO ₂ , ug/m ³
Sham Wat (A98 – A99)	214 - 218
Sha Lo Wan (A93 – A96)	232 - 246
San Tau Area (A90 – A92)	212 - 228
Ma Wan Chung (A59, A60 – A66)	197 - 202
San Shek Wan (A97)	219
Tung Chung Town - South of NLH (A41 – A58, P3)	195 - 243
Tung Chung Town – North of NLH (A1 – A40, A100 – A101, P4 – P6)	192 - 206
Airport Island (A67 – A89, A102 – A106, P12 – P13)	203 - 271
Tung Chung East Further Development (P1 – P2)	191 - 201
Tung Chung West Further Development (P7 – P11)	200 - 210
AQO	300
% of AQO	90
Margin below AQO	29

Table 5-14A Predicted Maximum 1-hour Concentrations

Table 5-14B	Predicted Maximum Daily Concentrations
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Locations	NO ₂ , ug/m ³	RSP, ug/m ³
Sham Wat (A98 – A99)	96 - 110	89 - 91
Sha Lo Wan (A93 – A96)	130 - 134	95 - 96
San Tau Area (A90 – A92)	108 - 109	90
Ma Wan Chung (A59, A60 – A66)	100 - 105	90
San Shek Wan (A97)	110	92

Locations	NO ₂ , ug/m ³	RSP, ug/m ³
Tung Chung Town - South of NLH (A41 – A58, P3)	103 - 119	90 - 92
Tung Chung Town – North of NLH (A1 – A40, A100 – A101, P4 – P6)	93 - 127	91 - 92
Airport Island (A67 – A89, A102 – A106, P12 – P13)	110 - 131	90 - 96
Tung Chung East Further Development (P1 – P2)	94 - 107	91 - 92
Tung Chung West Further Development (P7 – P11)	99 - 109	89 - 91
AQO	150	180
% of AQO	89	53
Margin below AQO	16	84

Table 5-14C Predicted Annual Concentrations

Locations	NO ₂ , ug/m ³	RSP, ug/m ³
Sham Wat (A98 – A99)	22 - 26	43 - 45
Sha Lo Wan (A93 – A96)	44 - 47	47
San Tau Area (A90 – A92)	31 - 33	45
Ma Wan Chung (A59, A60 – A66)	23 - 25	44
San Shek Wan (A97)	27	45
Tung Chung Town - South of NLH (A41 – A58, P3)	26 - 54	44 - 47
Tung Chung Town – North of NLH (A1 – A40, A100 – A101, P4 – P6)	26 - 43	44 - 46
Airport Island (A67 – A89, A102 – A106, P12 – P13)	34 - 51	45 - 48
Tung Chung East Further Development (P1 – P2)	24 - 27	44
Tung Chung West Further Development (P7 – P11)	25 - 36	44 - 46
AQO	80	55
% of AQO	68	87
Margin below AQO	26	7

- **5.6.17.2** It can be seen from the above tables that the predicted pollutant concentrations at all the representative ASRs do satisfy the Air Quality Objectives.
- **5.6.17.3** For the ASRs on the eastern coast of Tung Chung East Future Development, LLP and the MTR Siu Ho Wan Depot, the EIA Report for TMCLKL has confirmed that all the existing and planned receivers would comply with the relevant criteria and there are no residual air quality impacts.
- **5.6.17.4** In order to identify any potential landuse constraints along the alignment of HKLR and in the vicinity of the HKBCF (within area more influenced by HKLR and HKBCF), the use of pollution contours has been considered.
- **5.6.17.5** For the HKLR section along the airport channel, there are no planned sensitive uses on airport island. The village houses to the south of the alignment include San Shek Wan, Sha Lo Wan and San Tau would mainly retain as village type developments and representative ASRs have been assessed. Results indicated that all the predicted concentrations are well within the criteria. The receivers are also about at least 100m far away from the HKLR. Hence, it is considered that pollution contours are not required.
- **5.6.17.6** For the HKLR alignment along the eastern coast of airport island and near to the HKBCF, there would be some planned developments closer to the project boundary. These planned developments include the CAD Headquarter and other landuse to the south of AsiaExpo. Pollution contours would therefore be useful for identify any landuse constraints. Further analysis of the results for discrete ASRs suggests that, for the maximum predicted RSP concentrations (for 24-hr

average and annual) are dominated by the background concentration (up to 98%) instead of the contribution from the traffic on the roadwork. For the annual NO₂, the predicted concentration is relatively low, only constitute about 28-68% of the AQO. It is therefore considered that contours for RSP and annual NO₂ would not provide useful information for identifying landuse constraints. Hence, pollution contours would only be generated for 1-hr NO₂ and 24-hr NO₂.

- **5.6.17.7** For the Tung Chung area, analysis has revealed that higher concentrations are predicted for the ASRs closer to the NLH. Receivers away from NLH would be subject to much lower pollution concentrations. Due to the influence of the emission from the airport, the predicted pollution concentrations for ASRs such as the Citygate would be slightly higher than the developments to the east of the Tung Chung New Town. Hence, it is considered appropriate to have the contours for the area near Citygate. Similar to the situation for ASRs along the eastern coast of the airport island, only 1-hr and 24-hr NO₂ pollution contours would be presented.
- **5.6.17.8** The pollution contours on the concerned areas are presented in **Figures 5.5a to c**. It can be seen from these contours that other than a small portion of the planned highway maintenance area along the eastern coastline of airport island (reclaimed under the HKLR), the air quality impacts caused by HKLR and HKBCF would not impose any constraints and the neighbouring landuse. Since the planned highway maintenance area along the eastern coastline would not have any air sensitive uses, it would not impose any landuse constraints.

5.7 Conclusion

- **5.7.1** An air quality impact assessment has been conducted for both the construction and operational phases. The fugitive dust assessment for the construction phase has concluded that 8 times/day watering in all works areas would be required to control the fugitive dust impact.
- **5.7.2** For the assessment of operational phase air quality, a combination of regional wide model (PATH) and near field dispersion models (CALINE4 and ISCST3) has been used. This approach allows a more realistic prediction taking into consideration of the regional meteorological patterns, terrain effect and complex photochemical reactions. The PATH model also takes into account the Pearl River Delta Regional Air Quality Management Plan drawn up by the HKSAR and the Guangdong Provincial Government.
- **5.7.3** Sensitivity tests have been undertaken to identify the highest emission scenario from this Project, given the combination of vehicular emission factors and the projected traffic flow. It is concluded that the worst-case assessment scenario is Year 2031. Emissions for various pollutant sources have therefore been updated for the assessment year.
- **5.7.4** For open road emissions within North Lantau, the dispersion was modelled by CALINE4. EmFAC-HK model was adopted to calculate the vehicular tailpipe emission, taking into account the latest implementation program of the emission standards for diesel vehicles and fuel quality in Macao and Mainland China.
- **5.7.5** The effect of emission from portals and ventilation buildings has been modelled using ISCST, taking the length of each tunnel and its ventilation scheme into account.
- **5.7.6** The results show that the predicted cumulative pollution concentrations at all identified ASRs will comply with the Air Quality Objectives. There will be no landuse constraints. Hence, it is concluded that there will not be any residual air quality impacts.

APPENDIX 5A

Calculation of Fugitive Dust Emission Factors

Calculation of Emission factor for Wind Erosion

According to Section 11.9 of AP-42

E = 0.85Mg/hectare/yr

(ref : AP-42 S11.9, Table 11.9.4)

Where

E = Emission Factor

Assume

Daytime:

Percentage active operating area (%)	10	for calculation of TSP annual average concentration
Mitigation efficiency (%)	87.50%	87.5% efficiency for watering 8 times daily
E (g/sqm/day)	0.002910959	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000000337	calculated, 24-hour emission
Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	87.50%	87.5% efficiency for watering 8 times daily
E (g/sqm/day)	0.008732877	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000001011	calculated, 24-hour emission
<u>Nighttime:</u> Percentage active operating area (%) Mitigation efficiency (%) E (g/sqm/day) E (g/sq.m/s)	10 0 0.023287671 0.0000002695	for calculation of TSP annual average concentration 0% for Do-nothing calculated as in AP-42 (S11.9, Table 11.9.4) calculated, 24-hour emission
Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	0	0% for Do-nothing
E (g/sqm/day)	0.069863014	calculated as in AP-42 (S11.9, Table 11.9.4)
E (g/sq.m/s)	0.0000008086	calculated, 24-hour emission

.

Calculation of Emission factor for Heavy Construction

According to Section 13.2.3 of AP-42

E = 1.2tons/acre/month of activity

(ref : AP-42 S13.2.3.3)

or = 2.69Mg/hectare/month of activity

Where

E = Emission Factor

Assume

<u>Daytime:</u>		
Percentage active operating area (%)	10	for calculation of TSP annual average concentration
Mitigation efficiency (%)	87.50%	87.5% efficiency for watering 8 times daily
E (g/sq.m/day)	0.1293	Assume 26 working days per month and 12 working hours a day
E (g/sq.m/s)	0.0000029937	calculated, 12 working hours per day
Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	87.50%	87.5% efficiency for watering 8 times daily
E (g/sq.m/day)	0.3880	Assume 26 working days per month and 12 working hours a day
E (g/sq.m/s)	0.0000089810	calculated, 12 working hours per day
Daytime (Unmitigated):		
Percentage active operating area (%)	10	for calculation of TSP annual average concentration
Mitigation efficiency (%)	0.0%	0% for Do-nothing
E (g/sq.m/day)	1.0346	Assume 26 working days per month and 12 working hours a day
E (g/sq.m/s)	0.0000239494	calculated, 12 working hours per day
Percentage active operating area (%)	30	usual practice for typical construction site
Mitigation efficiency (%)	0.0%	0% for Do-nothing
E (g/sq.m/day)	3.1038	Assume 26 working days per month and 12 working hours a day
E (g/sq.m/s)	0.0000718483	calculated, 12 working hours per day

Calculation of Emission factor for Material Handling

According to Section 13.2.4 of AP-42

$$E = k(0.0016) \quad \frac{\left(\frac{U}{2.2}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}} (kg \ / \ megagram \)$$

where

- E = Emission Factor in kg/megagram (Ref. AP42 S13.2.4)
- k = Particle size multiplier, k = 0.74 as defined according to Table 2 of S13.2.4
- U = Average wind speed at Tung Chung from 2002 to 2006 (i.e. ~4.689m/s)
- M = material moisture content; 2% is assumed in the equation
- E = 0.74 x (0.0016) x (4.689/2.2)^1.3/(2/2)^1.4
- = 0.00317 kg/megagram

= 76.0800

0.00%

= 760.8000

E = 0.00317

= 0.2113

= 0.0211

No. of trucks loading/unloading at each barging point =	10 per hour (assume 20 trucks per hour will be loaded and unloaded)
Average carrying capacity for each truck =	24 tonne
Quantity of excavated materials loading at barging point =	240 megagram per hour per barging point
Total number of barging point=	2
Daytime:	
Mitigation efficiency (%) 90.00% *90% reduction	
E = 0.00032 kg/megagram	

* Note:

90% reduction by a. All road surface within the barging facility wil be paved

b. Dust enclosures will be provided for the loading ramp

g/hour

g/hour

g/s

0% for Do-nothing

kg/megagram

g/s

- c. Vehicles will be required to pass through designated wheel washing facilities before leaving the barging facility
- d. Continuous water spary for the loading point

Mitigation efficiency (%)

APPENDIX 5B

Locations and Details of Worksites for Fugitive Dust Assessment

Location and Details of Worksites for Fugitive Dust Assessment

Parameters for 1 hr and 24 hr TSP Concentration Calculation

Source ID	Source Type	Emission Rate (g/s/sq.m)											Maanmanooda
		Heavy Construction		Wind Erosion		Barging Point		Dimension (m)		Coordinates of centroid		Height	Angle
		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X		X	Y		
1	Area	0.000008981	-	0.000000101	0.000000809	-	-	1170	784	813232	819610	0	-16.0
2	Area	0.000008981	-	0.000000101	0.000000809	-	-	395	140	812345	819417	0	12.0
3	Area	0.000008981	-	0.000000101	0.000000809	-	-	90	195	812102	819394	0	12.0
4	Area	0.000008981	-	0.000000101	0.000000809	_	-	120	410	811903	819167	0	-39.0
5	Area	0.000008981	-	0.000000101	0.000000809	-	-	110	210	811777	818864	0	0.0
6	Area	0.000008981	-	0.000000101	0.000000809	-	-	105	360	811843	818572	0	20.0
7	Area	0.000008981	-	0.000000101	0.000000809	-	-	100	180	811921	818300	<u> </u>	0.0
8	Area	0.000008981	-	0.000000101	0.000000809	-	-	110	150	811832	818146	<u> </u>	-30.0
9	Area	0.000008981	-	0.000000101	0.000000809	-	-	90	40	811734	818176	0	18.0
10	Area	0.000008981	-	0.000000101	0.000000809	-	-	95	150	811740	818026	0	-30.0
11	Area	0.000008981	-	0.000000101	0.000000809	-	-	160	160	811618	818087	0	-21.0
12	Area	0.000008981	-	0.000000101	0.000000809	-	-	90	360	811626	817791	0	-16.5
13	Area	0.000008981	-	0.000000101	0.000000809	-	-	85	165	811572	817928	0	-18.0
14	Area	0.000008981	-	0.000000101	0.000000809	•	-	90	70	811097	817093	0	26.0
17	Area	0.000008981	-	0.000000101	0.000000809	-	-	1150	535	816385	819272	0	23.0
18	Area	0.000008981	-	0.000000101	0.000000809	-	-	900	200	817452	819582	0	51.5
19	Area	0.000008981	-	0.000000101	0.000000809	-	-	155	360	814055	820311	n n	-1.5
20	Area	0.000008981	-	0.000000101	0.000000809	-	-	140	1090	813903	819577	<u>0</u>	-16.0
21	Area	0.000008981	-	0.000000101	0.000000809	-	-	1170	310	813382	820136	<u> </u>	-16.0
22	Area	0.000008981	-	0.000000101	0.000000809	-	-	275	20	812028	820003	<u> </u>	39.0
23	Area	0.000008981	-	0.000000101	0.000000809	-	-	275	20	811815	819828	ň	33.0

	55 097 091 092 044 0			Emission	Rate (g/s)			100000000000000000000000000000000000000				1999 NEW YORK WAR	
Source ID	Source Type	Heavy Col	nstruction	Wind E	rosion	Bargin	g Point	Dimens	ion (m)	Coord	linates	Height	Width
		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X	Y	X	Y		
15	Point	-	-	-	-	0.021133333	-	0	0	810801	816956	0	0.0
16	Point	-	-	-	-	0.021133333	-	0	0	810873	816932	0	0.0

Source ID	Source Type		nden vien neen senningen vielen	Coordinates of Coordinates of ending									
		Heavy Co	nstruction	Bargin	g Point	starting point		point		Height	Width		
		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X	Y	X,	Γ <u>γ</u>		
24	Line	0.000269431	-	0.000003032	0.000024258	-	-	811747	820050	811897	819624	0	30
25	Line	0.000404147	-	0.000004548	0.000036387	-	-	811897	819624	812037	819480	ō	45
26	Line	0.000116753	-	0.000001314	0.000010512	_	-	811897	819624	811850	819423	0	13
27	Line	0.000152678	-	0.000001718	0.000013746	_	-	811850	819423	811663	819129	0	17
28	Line	0.000377204	-	0.000004245	0.000033961	-	-	811663	819129	811578	818752	ñ	42
29	Line	0.000431090	-	0.000004852	0.000038813	-	-	811578	818752	811358	818064	0	48

Location and Details of Worksites for Fugitive Dust Assessment

Parameters for annual TSP Concentration Calculation

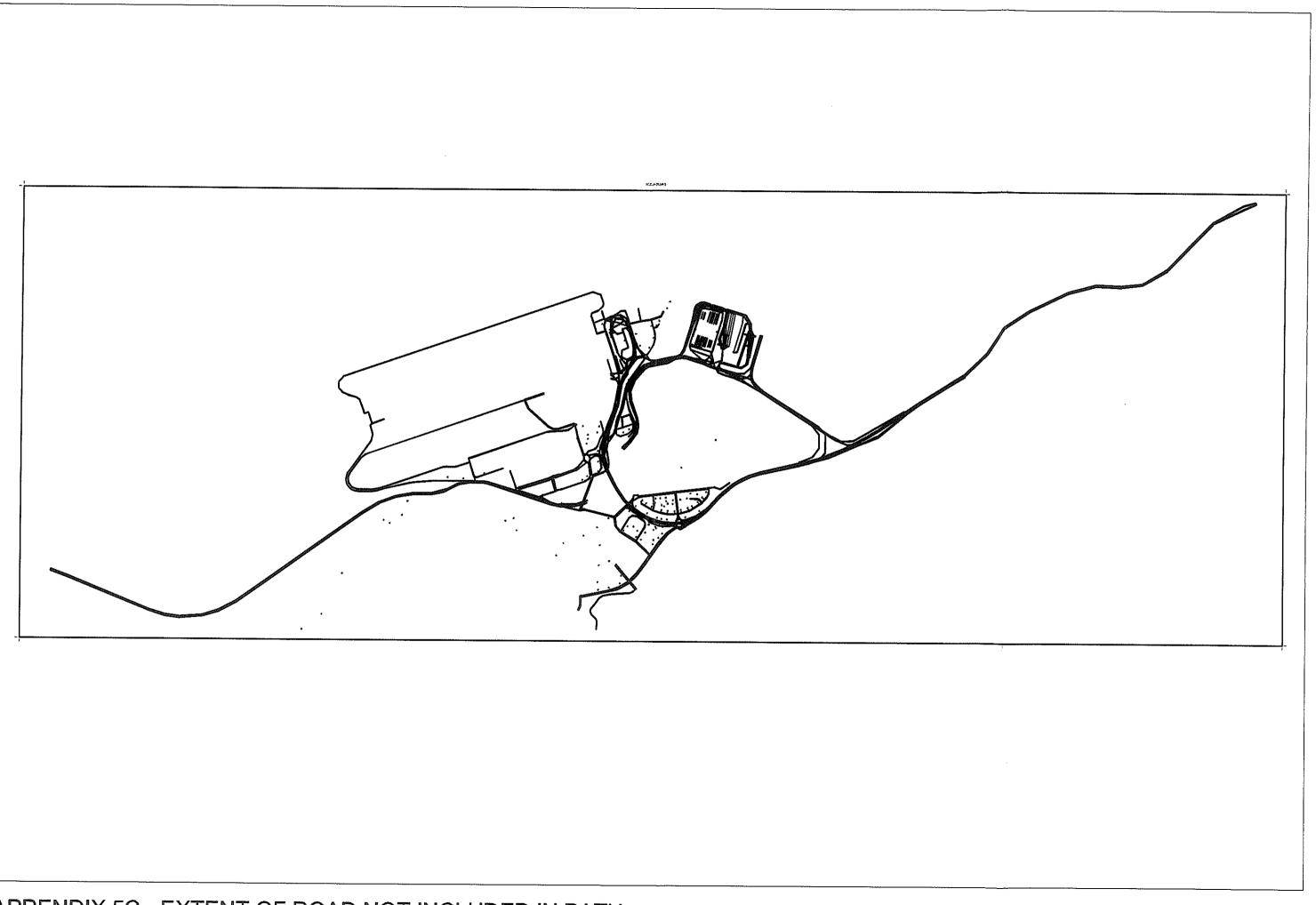
									090700110700000				
Source ID	Source Type	Heavy Construction		Emission Ra Wind B	Wind Erosion		ig Point	- Dimension (m)		Coordinate	s of centroid	Height	Angle
s). Ne os lende		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X		X	Y	49445 5916945	
1	Area	0.000002994	-	0.00000034	0.000000270	-	-	1170	784	813232	819610	0	-16.0
2	Area	0.000002994	-	0.00000034	0.000000270	-	-	395	140	812345	819417	0	12,0
3	Area	0.000002994	-	0.00000034	0.000000270	-	-	90	195	812102	819394	0 0	12.0
4	Area	0.000002994	-	0.000000034	0.000000270	-	-	120	410	811903	819167	0	-39.0
5	Area	0.000002994	-	0.00000034	0.000000270	-	-	110	210	811777	818864	0 0	0.0
6	Area	0.000002994	-	0.000000034	0.000000270	-	-	105	360	811843	818572	0	20.0
7	Area	0.000002994	-	0.000000034	0.000000270	-	-	100	180	811921	818300	0	0.0
8	Area	0.000002994	-	0.00000034	0.000000270	-	-	110	150	811832	818146	0	-30.0
9	Area	0.000002994	-	0.00000034	0.000000270	-	-	90	40	811734	818176	õ	18.0
10	Area	0.000002994	-	0.00000034	0.00000270	-	-	95	150	811740	818026	0	-30.0
11	Area	0.000002994	-	0.00000034	0.000000270	-	-	160	160	811618	818087	0	-21.0
12	Area	0.000002994	-	0.00000034	0.000000270	-	-	90	360	811626	817791	0	-16.5
13	Area	0.000002994	-	0.00000034	0.000000270	-	-	85	165	811572	817928	0	-18.0
14	Area	0.000002994		0.00000034	0.000000270	-	-	90	70	811097	817093	0	26.0
17	Area	0.000002994	-	0.000000034	0.000000270	-	-	1150	535	816385	819272	0	23.0
18	Area	0.000002994	-	0.00000034	0.000000270	-	-	900	200	817452	819582	0	51.5
19	Area	0.000002994	-	0.00000034	0.000000270	-	-	155	360	814055	820311	0	-1.5
20	Area	0.000002994	-	0.000000034	0.000000270	-	-	140	1090	813903	819577	0	-16.0
21	Area	0.000002994	1	0.000000034	0.000000270	-	-	1170	310	813382	820136	0	-16.0
22	Area	0.000002994	-	0.00000034	0.000000270	-	-	275	20	812028	820003	0	39.0
23	Area	0.000002994	-	0.000000034	0.000000270	-	-	275	20	811815	819828	0	33.0

and broken den sta				Emission	Rate (g/s)	Widd Hydrogol Powerie now		unan an			Will Avies Provident Alf Deciv		() Ferrer (Contactor)
Source ID	Source Type	Heavy Co	nstruction	Wind E	Erosion	Bargin	g Point	Dimens	sion (m)	Coord	dinates	Height	Width
		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X	Y	X	Y		
15	Point	-	-	-	-	0.021133333	-	0	0	810801	816956	0	0.0
16	Point	-	-	-	-	0.021133333	-	0	0	810873	816932	i i	0.0

				Emission F	Rate (g/s/m)			Coordi	nates of	Coordinate	es of ending		Risessan (Charles)
Source ID	Source Type	Heavy Co	nstruction	Wind E	Erosion	Bargin	g Point	startin	g point	1350.0563.00010.00000000.000	oint	Height	Width
		Daytime	Nighttime	Daytime	Nighttime	Daytime	Nighttime	X	ΓΥ	X	Y		MA COMPANY AND IN
24	Line	0.000089810	-	0.000001011	0.000008086	_	-	811747	820050	811897	819624	0	30
25	Line	0.000134716	_	0.000001516	0.000012129	-	-	811897	819624	812037	819480	0	45
26	Line	0.000038918	-	0.000000438	0.000003504	-	-	811897	819624	811850	819423	0	13
27	Line	0.000050893	-	0.000000573	0.000004582	-	-	811850	819423	811663	819129	0	17
28	Line	0.000125735	-	0.000001415	0.000011320	-	-	811663	819129	811578	818752	0	42
29	Line	0.000143697	-	0.000001617	0.000012938	-	-	811578	818752	811358	818064	0	48

APPENDIX 5C

Extent of Road Not Included in PATH



APPENDIX 5D
2031 Emission Inventory

Project : HKBCF and HKLR

Title : Summary of 2031 Emission Inventory

	A	nnual Emission	(2031), Tonne /	Yr
Emission Group	SO ₂	NOx	RSP	VOC
Power Plant, Industry, Transportation, VOC	394,369	440,991	204,162	173,260
Containing Product and others in PRDEZ				
Aircraft Take - Off, Climb Out, Approach, Idling /				
Taxing	446	8,665	100	1,140
Ground support Equipment	70	189	52	18
Auxillary Power Units	24	156	0	20
Engine Run-up Facilities	1	31	0	2
Fuel Tanks	0	0	0	8
HKSAR - Power Plant	11,698	17,375	737	420
HK Industry (see Note 1)	1,399	7,121	820	4,762
HK Marine	7,169	36,151	1,539	1,536
HK Roads	359	7,337	296	3,665
(except those on Lantau)				
Petrol car and evaporation of petrol	0	0	0	1,263
Tire wear and brake	0	0	854	0
Non-Road Mobile Source	0.1	26	3	3
VOC Containing Sources	0	0	0	18,939
Commercial & domestic fuel combustion	6	1,982	137	98
Others	0	17	9	334

Note: Emission from the proposed project and other roads on Lantau are separately quantified.

Note 1 : Emission from EcoPark, STF, Green Island Cement have been included in the emission inventory.

APPENDIX 5E

Airport Operation Information

`	Project Title	: HKBCF – Air Quality Assessment
	Title	: Air port Operational Information for 2020

Parameters	Values
Annual Aircraft Movement	: 420, 845
Annual Passenger	: 87 Millions
Runway Mode	: Mixed
Aircraft Fleet Mix	: See Table C2-2
Taxi Time	: See Table C2-3
Percentage Break-Down of LTOs	: See Table C2-4
Annual LTO	: 210,423
Departure Queue Length	: See Table C2-5
GSE Assignment	: See Table C3-1
Aircraft Hourly Operational Profile	: See Table C7-1
Aircraft Daily Operational Profile	: See Table C7-2

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		able C2-2 An	craft Fleet MI	Contraction of the second second	
Aircráft		a de la Vear	2000	en de la crea	r 2020
Category		<u>de la constance de la constance</u>			
	Aucralitype	Percentage	ePolyse)/Hale	HER GEHIER B	Percentage
Contraction of the		of Total -2	oficategory	01-1019	of category
	B747-400		68.8		65.8
	B747-200F		15.7		13.1
	B747-400F	-	6.6		5.5
747	B747-200C		6.3		13.1
	B747-100		1.9		1.8
	Others		0.7		0.7
	Total	30.8		30.9	
	A330		22.6		25.0
	A340-300	<u></u>	17.5		15.4
	A300-600		13.9		1.4
	B777-200		13.5		20.9
	B777-300		9.9		15,4
	B767-300ER		7.5		3.5
	MD-11		4.2		4.0
Other Wide	MD-11-11F	~~~~~ <u>~~~~</u>	3.5		3.4
Body	A330-300		2.4		2.7
	DC10-40		.1.3		0
	A310-300		0.9	·	4.1
	B767-200ER		0.8		0.4
	A310		0.6		2.5
	Others		1.4		1.3
	Total	44.7		<u>51.9</u>	
	A320		34.1		43.1
	B757-200		16.4		19.6
	B737-300	·	10.7		5.2 .
	B737-800		9.5		4.6
	MD-90-30		7.5		11.4
	A320-100		7.4		9.4
	B737-500		5.8		2.8
Narrow Body	MD-80-82		2.4		0
	B737-400		2.1		1.0
	B737-100		0.8		0.4
	Gulfstream II/III		0.7		0.6
	B757-200F		0.5	· · · · · · · · · · · · · · · · · · ·	0.6
	Others		2.1		1.3
	Total	24.5		12.5	
New Large Aircraft	A380			4.7	

Table C2-2 Aircraft Fleet Mix

a The percentage of LTOs of this category over annual LTOs of all aircraft
b The percentage of LTOs of this aircraft type over LTOs of the entire category

Table C2-3 Taxi Time

Scenario -	
Year 2000 ^a	21.0
Year 2020	27.8

a. Derived from the "chock on/off" data, which contains the time of landing, chock on (arrive at a gate), chock off (depart from a gate) and takeoff. Thus actual queue time is included. Taxi time is calculated using the following equation:

Taxi-in Time = TimeChock on - TimeLanding

Taxi-out Time = TimeTakeoff - TimeChock off

Taxi Time = Taxi-in Time + Taxi-out Time

Taxi Time is calculated for each aircraft for 5 days selected from the chock on/off dataset, and an average is calculated, which is 21.0 as shown in this table.

Table C2-4 Percentage Break-Down of LTOs Based on Routes (Runway-Taxiway Combinations)^{a, b}

			jefselek kurd. Den sterne			
Year 2000	30.0	30.0	20.0	20.0	60.0	40.0
	(19):					
Year 2020	14.4	9.6	9.6	6.4	30.0	30.0
	light a si sa Agus na sa					
Year 2020	21.6	14.4	14.4	9.6	20.0	20.0

"route" is a combination of arrival runway, taxiways and departure runway, which from the model point of view, represents a series of area sources (segments of runways and taxiways). For example, route "07L-NGI-07R" represents the route of an aircraft which arrives at runway 07L, stops at the gate NG1 (on the north side of the existing passenger terminal building), and departures at the runway 07R.

b. The notation for each route is as following: Runways - 07R/25L, 07L/25R

- Gate Areas: NG1 all gates at the north side of the existing passenger terminal building SG1 - all gates at the south side of the existing passenger terminal building CG - the cargo gate
 - NG2 all gates at the north side of the proposed midfield terminal building SG2 - all gates at the south side of the proposed midfield terminal building

Table C2-5 Departure Queue Length

Section Section	and a start of the second s	Length (disine)
Year 2000	16 ^a	740 ^b
Year 2020	29 [°]	1,628 ^d

- a. The queue time is estimated based on taxi-out time which already includes the queue time. Assuming that the longest taxi-out time is resulting from queuing, while the shortest taxi-out time is due to lack of queuing. The queue time is estimated as the difference between the highest accumulative 5% taxi-out time and the lowest accumulative 5% taxi-out time.
- b. The one-way runway capacity is 35 movements per hour, thus 1.7 minutes per aircraft. Therefore, the peak hour queue time of 16 minutes is equivalent to 10 aircraft waiting in line. Assuming all these aircraft are of the size of Boeing 747, which is 71 meters long, plus 3 meters cushion space, the total queue length is 740 meters.

c. The peak queue time and queue length is derived based on the difference between the runway capacity and the peak hour aircraft movements. The two-way runway capacity is 75 aircraft movements per hour. The two-way peak hour aircraft movement is 97. The difference is 22 movements. Assuming all the difference is due to the departure, i.e. the queue consists 22 aircraft. According to the one-way capacity of runway, which is 45 aircraft movements, it takes 1.3 minutes for each aircraft to departure. Therefore, it will take 29 minutes for 22 aircraft in queue to takeoff, i.e., the peak queue time is 29 minutes.

d. Assuming all of the 22 queuing aircraft are of the size of Boeing 747, which is 71 meters, and plus a cushion space of 3 meters, the peak hour queue length is 1628 meters.

Table C3-1 GSE Assignment - Commercial

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1 able Co-		2 71331	50111 50111		UIIIII UIIIII		CST Open	7		le de la sec			1.1.1	24.5
				1.5750-001							1-25.00		L.	Batene
	147		(APC				est carpic Reflaction Complete	a second	i sirili Tinti	招告	1.776	0.4712	Tozz	
A300-600	7	8	26	120	35	35	92	P. P. D. P.	20	32	25	12	-	-
A300-600F	7	8	26	108	46	<u> </u>	80	100	· ·	32	25	7	1	•
A300-B4	1- 7	8	26	108	46	35	92	· ·	20	32	25	7	1.	-
A310	7	8	26	108	46	35	92		20	32	25	7	- 1	•
A310-200	7	8	26	108	46 .	35	92		20	32	25	7	-	•
A310-200F	7	8	26	108	46	-	80	100	- 1	32	25	7	-	-
A310-300	7	8	26	102	46	35	92	-	20	32	25	7	- 1	-
A319	7	8	26	34,4	39.3	16.6	- 1	-	16.4 .	20	15	12	1 -	-
A320/320-100	7	8	26	75	48	20		-	15	12	15	12	-	-
A330/330-300	7	8	26	108	46	35	92	•	20	32	25	7	-	-
A340-300	7	8	26	108	46	35	92	-	20	32	25	7	-	-
A380	7	8	26	108	46	35	92	-	20	32	25	7		
B707-300	7	8	26	34.4	39.3	16.6	-	-		20	15	12	-	-
B727-200/200F	7	8	26	45	45	20	-	-	15	12	15	12	<u> </u>	-
B737-100	7	8	26	34,4	39.3	16,6	-	-	16.4	20	15	12	<u> </u>	
B737-200/200C	7	8	26	15.8	35	13.8	-	-	13.6	18.4	15	12		
B737-300	7	8	26	68	48.	20	-	•	10	12	15	12	<u> </u>	· ·
B737-400	7	8	26	75	48	20	·	•	18	12	15	12	•	<u></u>
B737-500	7	8	26	15.8	35	13.8			13.6 .	18.4	15	12	<u> </u>	[
B737-800	7		26	45	45	20	-	-	15	12	15	12	<u> </u>	
B747-100/100SR	7	8	26	308	46	35	92	•	20	32	25	7		<u> </u>
B747-200C	7	8	26	108	45	35	92	001	20	32	25	7		ļ
B747-300	7	8	26	108	46	35	92	•	20 20	32 32	25	7	•	<u> </u>
B747-400	7 7	8	26	108	46	35 35	92 80	•	20	32	25	7		
B747-SP B747-200F/400F	7	8	26 26	108	40	-	80	100	- 10	32	25	7	-	
B757-200/200F	7	8	26	43	40.5	20.9			24	25	15	12		-
B767-200ER	- 7	· 8	26	108	46	35	80	-	20	32	25	7	-	
B767-300ER	7	8	26	108	46	35	80		20	32	25	7	-	-
B777-200	7		26	108	46	35	80	-	20	32	25	7		
B777-300	7	8	26	108	46	35	80	-	20	32	25	7		
Beech King Air 200	•	-		35	-		-	-	-	• ••	-	-	10	40
Canadair reg 100		5	26	15.3	21.3	-			10	•	15	-	20	-
Citation V	-	5	•	-	-	• -	-		-	-	•	-	20	40
CL-600	•	5	-	35	30	-	-	-	10	-	15	+	20	50
DC-10-30/40	7	8	26	108	46	35	80	•	20	32	25	7	•	-
DC-10F	7	8	26	108	46	-	80	100	-	32	25	7		-
DC-8/8-50F	7	8	26	34.4	39.3	16.6	-	-	16,4	20	15	12	•	-
DO328		5	26	35	30	10	-		10	-	ម	-	20	-
F28-4000	-	5	26	75	48	-	•		15	-	15	12	20	-
Falcen 20/50	-	5	-	-	-	•	-	-	•	-	-	-	20	40
Fokker 100	7	8	26	75	41	. 20	-	-	10	13.2	15	.7	-	•
Gulfstream H	•	5	-	35	30	-	•		10	•	15	-	20	50
Gulfstream IV	-	5	26	7	30	-	-	-	10	-	15	-	20	-
HS125	-	5		•	-	-	-	-	`	-	-	-	20	40
11.86	7	8	26	108-	46	35	80	-	20	32	15	7		•
100 HERCULES		8	26	-	-	•	-	· ·	-	29	•	•	-	•
L-1011-1	7		26	108	46	35	92		20	32	41.5	7	· -	-
Leargiet 35/36		<u> </u>		-		-	•	-	•	-	-		10	40
MD-11	. 7	8	26	108	46	35	92	-	20	32	43.5	7	·	•
MD-11-11F	7	8	26	108	46	-	80	100	-	32	40	7	<u> </u>	-
MD-80-82/83		8	26	34,4	39.3	16.6		<u> </u>	16,4	20	24.6	12		-
MD-90-30	_7	8	26	34.4	39.3	16.6		-	16.4	20	24.6	12	-	-
Piper PA 28					-	-				-	•	-	30	<u> </u>
u-154	7	8	26	75	48	-			15	12	15		10	-

Table C3-1 GSE Assignment - Military

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C-17A	10	20	10
G5-galaxy	10	120	10
KC-10A/135-R	10	120	10

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A310-200 JT9E A310-200F CF6 B727-200F JT8E B727-200F JT8E A300-600F CF6 A300-800F CF6 A300-800F CF6 A300-800F CF6 A300-84 CF6 A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F <t< th=""><th>G_NAME DD-7R4E1 6-80A3 BD-15 BD-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6</th><th></th><th>OPERATION TIME (min) 7.00 7.00 7.00 75.00 8.00 7.00 25.00 100,00 108,00 25.00 20,00 46,00 32,00 20,00 46,00 32,00 20,00 46,00 32,000 32,00 32,00 32,00 32,00</th><th>425 425 425 71 88 160 195 133 107 340 160 195 133 107 340 105 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 340 195</th><th>0.9000 0.9000 0.5500 0.2000 0.2500 0.5500 0.5500 0.5500 0.2000 0.2500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500</th><th>ACE 180 ACE 180 Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750</th></t<>	G_NAME DD-7R4E1 6-80A3 BD-15 BD-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6		OPERATION TIME (min) 7.00 7.00 7.00 75.00 8.00 7.00 25.00 100,00 108,00 25.00 20,00 46,00 32,00 20,00 46,00 32,00 20,00 46,00 32,000 32,00 32,00 32,00 32,00	425 425 425 71 88 160 195 133 107 340 160 195 133 107 340 105 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 340 195	0.9000 0.9000 0.5500 0.2000 0.2500 0.5500 0.5500 0.5500 0.2000 0.2500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	ACE 180 ACE 180 Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9L A310-200F CF6- B727-200F JT8L B727-200F JT8L A300-600F CF6- A300-84 CF6- A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-3	2D-7R4E1 6-80A3 8D-15 8D-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1	Air Start Air Start Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor	7.00 7.00 7.00 75.00 8.00 7.00 25.00 100,00 108.00 8.00 7.00 25.00 108.00 8.00 7.00 25.00 32,00 20.00 46,00 32,00 25.00 32,00 46,00 108,00 46,00 108,00 8,000 25,000 46,00 108,00 8,000 25,000	425 425 425 71 88 160 195 133 107 340 160 195 133 107 340 105 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 340 195	0.9000 0.9000 0.5500 0.2000 0.2500 0.5500 0.5500 0.5500 0.2000 0.2500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	ACE 180 ACE 180 Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9L A310-200F CF6- B727-200F JT8L B727-200F JT8L A300-600F CF6- A300-84 CF6- A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-3	2D-7R4E1 6-80A3 8D-15 8D-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1	Air Start Air Start Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor	7.00 7.00 7.00 75.00 8.00 7.00 25.00 100,00 108.00 8.00 7.00 25.00 108.00 8.00 7.00 25.00 32,00 20.00 46,00 32,00 25.00 32,00 46,00 108,00 46,00 108,00 8,000 25,000 46,00 108,00 8,000 25,000	425 425 425 71 88 160 195 133 107 340 160 195 133 107 340 105 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 235 210 107 340 195 340 195	0.9000 0.9000 0.5500 0.2000 0.2500 0.5500 0.5500 0.5500 0.2000 0.2500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	ACE 180 ACE 180 Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A310-200F CF6- B727-200F JT8E B727-200F JT8E B727-200F JT8E A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-800F CF6- A300-84 CF6- A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-300 CF6-	6-80A3 8D-15 8D-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5	Air Start Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Beit Loader Baggage Tractor Lavatory Truck Beit Loader Baggage Tractor Aircraft Tractor Lavatory Truck Beit Loader	7,00 75,00 8,00 7,00 25,00 100,00 108,00 25,00 25,00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 20,00 46,00 108,00 20,00 46,00 20,000 20,0000 20,000 20,000 20,0000 20,00000000	425 71 88 160 195 133 107 340 107 235 235 210 107 107 107 107 107 107 107 107 107 1	0.9000 0.5500 0.8000 0.2000 0.2500 0.5500 0.5500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	ACE 180 Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
B727-200F JT8L B727-200F JT8L A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-800F CF6- A300-800F CF6- A300-84 CF6- A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200 JT9L A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-3	BD-15 BD-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80C2A	Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	75.00 8.00 7,00 25.00 100,00 108,00 30,00 25.00 20,00 46,00 32,00 20,00 32,00 20,00 46,00 32,00 20,00 46,00 108,00 20,00 46,00 32,00 20,000 20,0000 20,0000 20,00000000	71 88 160 195 133 107 340 160 195 235 210 107 107 195 235 210 107 107 107 107 107 107 107 107 107 340 107 107 107 107 107 107 107 107 107 107 107 107 107 107 107 107 107 195	0.5500 0.8000 0.2000 0.2500 0.5500 0.5500 0.2500 0.2000 0.2500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
B727-200F JT8L A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-800F CF6- A300-84 CF6- A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 </td <td>BD-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80</td> <td>Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck</td> <td>8.00 7,00 25.00 100,00 108,00 25.00 25.00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 20,00 46,00 108,00 20,00 46,00 20,000 20,00 20,00 20,0000 20,0000 20,0000 20,00000000</td> <td>88 160 195 133 107 340 160 195 235 210 107 107 195 235 210 107 195</td> <td>0.8000 0.2000 0.2500 0.5500 0.5500 0.2500 0.2000 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.88000</td> <td>Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750</td>	BD-15 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80	Aircraft Tractor Water Service Lavatory Truck Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck	8.00 7,00 25.00 100,00 108,00 25.00 25.00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 20,00 46,00 108,00 20,00 46,00 20,000 20,00 20,00 20,0000 20,0000 20,0000 20,00000000	88 160 195 133 107 340 160 195 235 210 107 107 195 235 210 107 195	0.8000 0.2000 0.2500 0.5500 0.5500 0.2500 0.2000 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.88000	Stewart & Stevenson TUG GT-35, Douglas TBL-180 Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-84 CF6- A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 <td>6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1</td> <td>Water Service Lavatory Truck Cargo Loader Baggage Tractor Alrcraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck</td> <td>7,00 25,00 100,00 108,00 7,00 25,00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 20,00 46,00 108,00 20,00 46,00 108,00 20,000 20,000 20,000 20,000 20,000 20,0000 20,0000 20,0000 20,00000000</td> <td>160 195 133 107 340 160 195 235 210 107 107 195 235 210 107</td> <td>0.2000 0.2500 0.5500 0.5500 0.2000 0.2000 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500</td> <td>Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750</td>	6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1	Water Service Lavatory Truck Cargo Loader Baggage Tractor Alrcraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck	7,00 25,00 100,00 108,00 7,00 25,00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 20,00 46,00 108,00 20,00 46,00 108,00 20,000 20,000 20,000 20,000 20,000 20,0000 20,0000 20,0000 20,00000000	160 195 133 107 340 160 195 235 210 107 107 195 235 210 107	0.2000 0.2500 0.5500 0.5500 0.2000 0.2000 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-600F CF6 A300-600F CF6 A300-600F CF6 A300-600F CF6 A300-600F CF6 A300-800F CF6 A300-84 CF6 A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-300 CF6 A310-300 CF6 A310-300 CF6 A310-300 CF6 A310-300 CF6	6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1	Lavatory Truck Cargo Loader Baggage Tractor Alroraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Alroraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck	25.00 100.00 108.00 8.00 7.00 25.00 20.00 46.00 108.00 20.00 46.00 108.00 20.00 46.00 108.00 20.00 8.00 20.00 46.00 108.00 8.00 25.00 20.00 8.00 25.00 8.00 25.00 8.0	195 133 107 340 105 235 210 107 107 340 195 235 235 210 107 107 107 340 195	0.2500 0.5500 0.5500 0.2000 0.2000 0.2500 0.5500 0.5500 0.5500 0.2500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500 0.5500	Wollard TLS-770 / F350 FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-600F CF6- A300-600F CF6- A300-600F CF6- A300-800F CF6- A300-84 CF6- A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300	6-80C2A5F 6-80C2A5F 6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1	Cargo Loader Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck	100,00 108,00 8,00 7,00 25,00 20,00 46,00 108,00 25,00 20,00 46,00 108,00 25,00 46,00 20,00 46,00 20,000 20,00 20,00 20,0000 20,0000 20,0000 20,0000 20,00000000	133 107 340 160 195 235 210 107 107 340 195 235 210 107 107 107 107	0.5000 0.5500 0.2000 0.2000 0.2500 0.5300 0.5300 0.5500 0.8000 0.2500 0.7000 0.5300 0.5500 0.5500 0.5500 0.5500 0.5500	FMC Commander 30 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Stewart & Stevenson TUG T-750
A300-600F CF6. A300-600F CF6. A300-800F CF6. A300-84 CF6. A310-200 JT9E A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-300 CF6. A310-300 CF6. A310-300 CF6. A310-300 CF6. A310-300 CF6. A310-300	6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Baggage Tractor Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	108.00 8.00 7.00 25.00 32,00 20.00 46,00 108.00 25.00 20.00 46,00 108.00 25.00 20.00 46,00 108.00 25.00 20.00 8.00 25.00 20.00 8.00 25.00 8.00 25.00 8.00 25.00 8.00 25.00 8.00 25.00 8.00 25.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8.00 20.00 8	107 340 160 195 235 235 210 107 107 340 195 235 210 107 107 107 107	0.5500 0.2000 0.2500 0.7000 0.5300 0.5500 0.5500 0.8000 0.2500 0.7000 0.5300 0.5300 0.5500 0.5500 0.5500 0.8000	Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-600F CF6 A300-B4 CF6 A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-300 CF6 <td>6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3</td> <td>Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck</td> <td>8.00 7.00 25.00 20.00 46.00 108.00 25.00 25.00 20.00 46.00 108.00 25.00 20.00 46.00 108.00 25.00 20.000 20.0</td> <td>340 160 195 235 210 107 107 340 195 235 210 107 107 107 107 107</td> <td>0.8000 0.2000 0.2500 0.5300 0.5000 0.5500 0.8000 0.2500 0.7000 0.5300 0.5300 0.5500 0.5500 0.5500</td> <td>Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750</td>	6-80C2A5F 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Aircraft Tractor Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	8.00 7.00 25.00 20.00 46.00 108.00 25.00 25.00 20.00 46.00 108.00 25.00 20.00 46.00 108.00 25.00 20.000 20.0	340 160 195 235 210 107 107 340 195 235 210 107 107 107 107 107	0.8000 0.2000 0.2500 0.5300 0.5000 0.5500 0.8000 0.2500 0.7000 0.5300 0.5300 0.5500 0.5500 0.5500	Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6. A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-300	6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Water Service Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Beit Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	7.00 25.00 20.00 46.00 108.00 25.00 25.00 20.00 46.00 108.00 25.00 20.00 46.00 25.00 20.000 20.00 20.00 20.00 20.000 20.000 20	160 195 235 210 107 107 340 195 235 210 107 107 107 340	0.2000 0.2500 0.7000 0.5300 0.5500 0.5500 0.8000 0.2500 0.7000 0.5300 0.5500 0.5500 0.8000	Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6. A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-200F CF6. A310-300	6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	25.00 32,00 20.00 46,00 108.00 25,00 25,00 20,00 46,00 108,00 8,00 25,00	195 235 210 107 107 340 195 235 210 107 107 107 340	0.2500 0.7000 0.5300 0.5500 0.5500 0.8000 0.2500 0.7000 0.5300 0.5500 0.5500 0.8000	Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6 A310-200 JT9E A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-200F CF6 A310-300 CF6	6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	32,00 20,00 46,00 108,00 25,00 25,00 20,00 46,00 108,00 8,00 25,00	235 210 107 107 235 235 210 107 107 107 340	0.7000 0.5300 0.5500 0.8000 0.2500 0.2500 0.7000 0.5300 0.5000 0.5500 0.8000	HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6- A300-B4 CF6- A300-B4 CF6- A300-B4 CF6- A300-B4 CF6- A300-B4 CF6- A310-200 JT9E A310-200F CF6- A310-300 CF6-	6-80C2A5 6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	20.00 46.00 108.00 25.00 25.00 20.00 46.00 108.00 8.00 25,00	210 107 340 195 235 210 107 107 340	0.5300 0.5000 0.5500 0.8000 0.2500 0.7000 0.5300 0.5300 0.5500 0.8000	HI-Way F650 Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6- A300-B4 CF6- A300-B4 CF6- A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	6-80C2A5 6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	46,00 108,00 25,00 25,00 20,00 46,00 108,00 8,00 25,00	107 107 340 195 235 210 107 107 107 340	0.5000 0.5500 0.8000 0.2500 0.7000 0.5300 0.5000 0.5500 0.8000	Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6- A300-B4 CF6- A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	6-80C2A5 6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Beit Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	108.00 8.00 25.00 32.00 20.00 46.00 108.00 8.00 25,00	107 340 195 235 210 107 107 340	0.5500 0.8000 0.2500 0.7000 0.5300 0.5000 0.5500 0.8000	Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A300-B4 CF6- A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	6-80C2A5 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Aircraft Tractor Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	8.00 25.00 32.00 20.00 46.00 108.00 8.00 25,00	340 195 235 210 107 107 340	0.8000 0.2500 0.7000 0.5300 0.5000 0.5500 0.8000	Stewart & Stevenson TUG T-750 Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 6-80A3 6-80A3	Lavatory Truck Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	25.00 32.00 20.00 46.00 108.00 8.00 25,00	195 235 210 107 107 107 340	0,2500 0,7000 0,5300 0,5000 0,5500 0,8000	Wollard TLS-770 / F350 HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9E A310-200F CF6- A310-300 CF6-	0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 0D-7R4E1 6-80A3 6-80A3	Hydrant Truck Catering Truck Belt Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	32.00 20.00 46.00 108.00 8.00 25,00	235 210 107 107 340	0.7000 0.5300 0.5000 .0.5500 0.8000	HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	DD-7R4E1 DD-7R4E1 DD-7R4E1 DD-7R4E1 DD-7R4E1 6-80A3 6-80A3	Catering Truck Beit Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	20.00 46.00 108.00 8.00 25,00	210 107 107 340	0.5300 0.5000 .0.5500 0.8000	HI-Way F650 Stewart & Stevenson TUG T-750
A310-200 JT9C A310-200 JT9C A310-200 JT9C A310-200F CF6- A310-300 CF6-	9D-7R4E1 9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Beit Loader Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	46.00 108.00 8.00 25,00	107 107 340	0.5000 .0.5500 0.8000	Stewart & Stevenson TUG T-750
A310-200 JT9E A310-200 JT9E A310-200F CF6- A310-300 CF6-	9D-7R4E1 9D-7R4E1 6-80A3 6-80A3	Baggage Tractor Aircraft Tractor Lavatory Truck Hydrant Truck	108.00 8.00 25,00	107 340	.0,5500 0.8000	Stewart & Stevenson TUG T-750
A310-200 JT9E A310-200F CF6- A310-300 CF6-	9D-7R4E1 6-80A3 6-80A3	Aircraft Tractor Lavatory Truck Hydrant Truck	8.00 25,00	340	0.8000	Stewart & Stevenson TUG T-750
A310-200F CF6- A310-300 CF6-	6-80A3 6-80A3	Lavatory Truck Hydrant Truck	25,00	195	0.0000	Stewart & Stevenson TUG 1-/50
A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	6-80A3	Hydrant Truck			4 1 26000	Mollard TLC 770 / Eaco
A310-200F CF6- A310-200F CF6- A310-200F CF6- A310-300 CF6-	6.8043	Cargo Loader		235		Wollard TLS-770 / F350
A310-200F CF6- A310-200F CF6- A310-300 CF6-	0-00/10		80.00			FMC Commander 15
A310-200F CF6- A310-300 CF6-	6-80A3	Belt Loader	46.00		0.5000	
A310-300 CF6-	6-80A3	Baggage Tractor	108.00		0.5500	
A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6-	6-80A3	Aircraft Tractor	8.00			Stewart & Stevenson TUG T-750
A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6- A310-300 CF6-	6-80C2A8	Lavatory Truck	25,00		0.2500	Wollard TLS-770 / F350
A310-300 CF6- A310-300 CF6- A310-300 CF6-	6-80C2A8	Hydrant Truck	32.00			
A310-300 CF6- A310-300 CF6-	6-80C2A8	Catering Truck	20.00	210	0.5300	Hi-Way F650
A310-300 CF6-	6-80C2A8	Belt Loader	46.00		0.5000	
	6-80C2A8	Baggage Tractor	108.00	107	0.5500	
A310-300 [CF6-	6-80C2A8	Aircraft Tractor	8.00		0,8000	Stewart & Stevenson TUG T-750
	6-80C2A8	Air Start	7.00	620	0.9000	ACE 180
	M56-5B6/P	Lavatory Truck	15.00		0.2500	Wollard TLS-770 / F350
	M56-5B6/P	Hydrant Truck	20.00	235	0.7000	
A319 CFM	M56-5B6/P	Catering Truck	16.40		0.5300	Hi-Way F650
	M56-5B6/P	Belt Loader	39.30		0.5000	
	M56-5B6/P	Baggage Tractor	34.40		0.5500	
	M56-5B6/P	Aircraft Tractor	8.00			Stewart & Stevenson TUG GT-50H
	500-A1	Lavatory Truck	15.00		0.2500	Wollard TLS-770 / F350
	500-A1	Hydrant Truck	12.00			
	500-A1	Catering Truck	15,00			HI-Way F650
	500-A1	Belt Loader	48.00		0.5000	
	500-A1	Baggage Tractor	75.00		0.5500	
A320 V250	100 44	Aircraft Tractor	8.00	275 Page 1 of 4	· · · · · · · · · · · · · · · · · · ·	Stewart & Stevenson TUG GT-50H

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estikon es Essentia		575 1913 - 72 (1920) 1914 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 1920 - 192	ing and a second se Second second second Second second	
1	0.19	0.03	0.60	0.31
2	0.06	0.00	0.50	1.00
• 3	0.04	0.00	0.39	0.38
4	0.09	0.14	0.38	0.83
5	0.02	0.00	0.38	0.00
6	0.10	0.00	0.28	0.13
7	0.14	0.24	0.27	0.44
8	0.12	0.40	0.41	0.44
9	0.45	0.72	0.52	0.25
10	0.58	0.99	0.57	0.25
11	0.74	0.99	0.75	0.19
12	0.80	0.95	0.77	0.44
13	0.97	0.99	0.80	0.25
14	1.00	· 0.96	0.71	0.38
15	0.91	0.99	0.71	0.25
16	0.86	1.00	0.79	0.19
17	0.87	. 0.99	0.85	0.25
18	0.81	0.93	0.82	0.44
19	0.78	0.95	0.72	0.44
20	0.73	0.93	0.81	0.50
21	0.68	0.93	0.92	0.50
22	0.51	0.70	1.00	0.50
23	0.49	0.76	0.88	0.50
24	0.25	0.57	0.65	

Table C7-1 Aircraft Hourly Operational Profiles

a. Derived from chock on/off data of year 2000 provided by AAHK.

Table C7-2 Aircraft Daily Operational Profile^a

	Velenge - Sig			Asset as a			Station and	
Weights	0.89	0.87	0.94	0.99	0.98	1.00	0.95	
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a. Derived from chock on/off data of year 2000. Same profile is used for the Year 2020.

APPENDIX 5F-1

Key Assumptions for EmFAC Modelling

Technology fraction for EMFAC-HK input

Year	PC+	PC+LGV(1) petrol									
	Inde				Percentage						
1986-1991	1	1			100						
1992	1	1 8		0.3092			99.6908	~~~~.			
1993	1		8		0.3709						
1994	1		8		0.4505			99.5495			
1995	1	8	9	10	0.1484	38.	4656	0.589	60.797		
1996	9		10		0.2359			99.7641			
1997	9	10		13	0.1189		19.75	82	80.1229		
1998	9		13		0.4465		•	99.5535			
1999	9	13		15	0.323	****	98.81	55	0.8615		
2000	13		15		98.0571			1.9429			
2001	15		23		1.7455			98.2545			
2002	18		23		0.4479			99.5521			
2003	18		23		0.2867			99.7133			
2004-2005	18		23		0.3545			99.6455			
2006	18		24		0.3545			99.6455	· · · · · · · · · · · · · · · · · · ·		
2007-2031	24		28		99.6455			0.3545			

Year	PC+LGV	PC+LGV(3) diesel									
	Index				Percenta	Percentage					
1986	171	171			35.7143		64.2857				
1987	171		179		17.2414		82.7586				
1988	171	_	179		24.2424		75.7576				
1989	171		179		27.8481		72.1519				
1990	171		179		15.4639		84.5361	• • • • • • • • • • • • • • • • • • •			
1991	171		179		44.1176		55.8824	· · ·			
1992	171		179		20.3571		79.6429				
1993	171		179		27.6623		72.3377				
1994	171		179		33.3841	******	66.6159				
1995	171	173	179	181	12.2768	43.5268	22.0982	22.0982			
1996	173		181		62.5	*	37.5	····l			
1997	173		181		74.4949		25.5051	·			
1998	173		181		57.7586		42.2414				
1999	175	181		182	1.3699	52.054	18	46.5753			
2000-2001	182				100						
2002	176		183		4.5455		95.5455				
2003	176		183		50		50	·			
2004-2006	183				100		·				
2007-2031	184				100	•••••••					

Year	LGV4			
	Index		Percentage	
1986-1994	179		100	
1995	179	181	28.2443	71.7557
1996-1998	181		100	· · · · · · · · · · · · · · · · · · ·
1999	181	182	47.2756	52.7244
2000-2001	182		100	
2002-2006	183		100	
2007-2031	184	· · · · · · · · · · · · · · · · · · ·	100	

Year	LGV6	LGV6							
	Index		Percentage						
1986-1994	121		100						
1995	121	122	28.8876	71.1124					
1996	121		100						
1997	122	127	22.3546	77.644					
1998-2000	127	and a share and a share and a	100						
2001	127	128	79.199	20.801					
2002-2006	128	·	100						
2007-2009	132		100						
2010-2031	133		100						

Year	PLB5							
	Index			Percentage				
1986-1994	187			100	100			
1995	187	187 189				79.64	79.646	
1996-1997	189			100	100			
1998	189	190	75.7225		24.2775			
1999-2000	190			100	100			
2001	18	190		75.7225		24.2775		
2002	18	190		10.1124		89.8876		
2003	18	190	191	71.5812	5.7692	-	22.6496	
2004	1.8	19]		56.0		44.0		
2005-2006	18	191		56.0		44.0		
2007-2031	28	192		56.0		44.0		

Year	HGV7	7			HGV8				
	Index		Percenta	Percentage		Index		9	
1986-1994	124		100		155		100	Percentage 100	
1995	124	125	29.7952	70.2048	154	155	72.6897	27.3103	
1996	125		100	-!	154	··	100		
1997	125	126	21.978	78.022	154	157	22.2447	77.7553	
1998-2000	126		100	· · · · · · · · · · · · · · · · · · ·	157	• • • • • •	100		
2001	126	129	75.25	24.75	157	159	84.2345	15.7655	
2002-2006	129		100	••••••••	159		100		
2007-2009	130		100		160		100		
2010-2031	131		100		161		100		

Year	FBDD	FBDD										
	Index	(NO SCIENCIA STR		Percentage						
1986-1994	217				·····	100						
1995	217	<u></u>	219	225		28.6432	1	70.3599	0.9969			
1996	219		2	225		98.6029		1.397				
1997	219	220	229	225	227	30.7569	53.9117	4.3603	0.4358	10.5353		
1998-2000	220		221	227		78.3516		6.337	15.3114			
2001	220	221	222	223	227	63.0742	5.1014	16.9394	2.5592	12.3259		
2002-2006	222 223					86.875 13.125						
2007-2009	224				100							
2010-2031	226			··		100				··		

Year	MG	MC							
	Index		Percentage						
1986-1988	263		100						
1999	263	266	73.1777	26.8223					
2000-2031	266		100	······					

Year	Taxi	Taxi							
	Index		Percentage						
1986-2002	13		100						
2003	13	23	64.4578	35.5422					
2004-2005	23		100	Lo ₁₀₋₁₀₋₁ -1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					
2006-2031	24		100						

Year	LGV4			
	Index		Percentage	
1986-1994	179		100	
1995	179	181	20.6349	79.3651
1996-1998	181	· ······	100	
1999	181	182	33.3333	66.6667
2000-2001	182	*. *	100	
2002-2006	183		100	
2007-2031	184		100	······································

Year	Private	Light Bus>3	l.5t				
	Index			Percenta	ge		
1986-1994	187			100			
1995	187	189		15.2174		84.78	26
1996-1997	189			100			
1998	189	190		82.1918		17.80	82
1999-2000	190			100			
2001	18	190		4.8387		95.16	13
2002	18	190		60.7143		39.28	57
2003	18	190	191	50.0	21.052	6	28.9474
2004	28	192		56.0		44.0	
2005-2006	18	191		56.0		44.0	
2007-2031	28	192		56.0		44.0	

Year	NFB6			
	Index		Percentage	
1986-1994	121		100	
1995	121	122	82.5472	17.4528
1996	121	·	100	and the second
1997	122	127	24.6862	75.3138
1998-2000	127		100	
2001	127	128	15.0579	84.9421
2002-2006	128		100	· · · · · · · · · · · · · · · · · · ·
2007-2009	132		100	
2010-2031	133		100	

Year	NFB7				NFB8			
	Index		Percenta	ge	Index		Percentage	9
1986-1994	124		100		155		100	
1995	124	125	24.9258	75.0742	154	155	48.7179	51.2821
1996	125		100		154		100	
1997	125	126	28.839	71.161	154	157	25.4902	74.5098
1998-2000	126		100	······································	157	•	100	
2001	126	129	81.5287	18.4713	157	159	67.7632	32.2368
2002-2006	129		100	•	159		100	
2007-2009	130		100		160		100	
2010-2031	131		100		161		100	

Year	FBDD)								
	Index	(Percenta	ge			
1986-1994	217	•				100				
1995	217		219	225		28.6432		70.3599	0.9969	
1996	219		2	25		98.6029		1.397	1	
1997	219	220	229	225	227	30.7569	53.9117	4.3603	0.4358	10.5353
1998-2000	220		221	227	· · ·	78.3516	<u></u>	6.337	15.3114	
2001	220	221	222	223	227	63.0742	5.1014	16.9394	2.5592	12.3259
2002-2006	222		223			86.875		13.12	5	
2007-2009	224					100		•		
2010-2031	226					100			PW-**+	

Hourly Relative H	umidity D	ata (%) is	n Year 20	07				1		1				<u> </u>	1								
	1st hour				6th hour	6th hour	7th hour	8th hour	Sin hour	10th hou	1 tin hour	12th hou	13lh hou	14lh hou	15th hou	16lh hou	17th houd	ទីម៉ា ឯ០បា	19th hou	20th hou/	21st hour2and h	ou 23rd hou	224th hour
1-Jan-00	76	76	76	79	81 78	80 78	78	76 78	68 77	58 75	56 71	60 60	58 56	61 58	<u>51</u> 59	62 65	62 71	61 74	69 70	73	59 71 78 80		71 79
2-Jan-00 3-Jan-00	7 <u>4</u> 80	80	76	87	92	92	90	85	84	80	81	76	75	78	76	77	79 57	60 58	79 59	60 58	75 73 58 59	73 60	74 60
4-Jan-00 5-Jan-00	75 64	74 65	73 62	75 65	77 66	76 67	75 69	76 68	74 55	70 63	70 62	67 59	<u>65</u> 58	52	54	58	59	53	54	52	56 55	55	57
6-Jan-00 7-Jan-00	57	55 36	59 40	64 43	63 43	65 43	64 44	64 43	59 41	55 38	51 36	45 34	43	39 32	36 33	35 30	34 31	36 32	38 33	40 34	36 34 42 51	31	34 32
8-Jan-00 9-Jan-00	36	36 50	38 53	37 40	33	33 38	34 35	32 38	30	30	26 28	26 28	25	26	32	33 33	35	39 37	42 44	43	45 38	40	39
10-Jan-00	47	31	37	44	39	44 67	38 66	44 63	37	36	37	38 62	37 61	43	43 63	45 70	45 69	47 68	47	49 70	52 64 71 73	65 76	66 73
11-Jan-00 12-Jan-00	64 76	54 76	65 76	79	80	62	75	74	73	72	77	80	77	75	72	76 53	74	80	81 60	70 63	72 72 72 67 78	71	69 79
13-Jan-00 14-Jan-00	66 77	73 78	67 76	64 80	80	64 77	67 76	66 73	64 70	60 68	56 64	57 62	60 63	61	60	60	64	6B	70	69	72 54	71	76
15-Jan-00 16-Jan-00	80	79 78	76	77	77 69	75	79	79 67	78 60	74 68	70 66	60 65	55 61	49 59	60 60	65 56	71 61	74 61	65 61	52 56	55 62 54 71	79	75 81
17-Jan-00 18-Jan-00	84 79	88 62	90 77	92 79	95 77	94 76	<u>94</u> 70	91 68	91 68	91 66	92 67	92 63	93 62	9D 63	91 61	89 61	93 60	88 61	91 63	91 51	87 82 72 79		83
19-Jan-00	67	73	69 75	70	69 85	72 83	71 86	71 63	71 B2	71	68 84	65 82	65 79	66 78	64 77	55 76	66 78	66 77	70 77	72	73 75 76 79	- 76 - 80	70
20-Jan-00 21-Jan-00	81	75 81	81	84	83	81	B1	83 84	85	87	88 79	92	95 76	93 74	95 73	91 78	91 79	92 81	94 82	90 83	83 83	82 85	80 67
22-Jan-00 23-Jan-00	85 87	89 88	87 93	86 88	86 87	83 84	84 82	83	83	83	80	81	81	77	71	71	72	65 54	65 53	65 63	66 63 69 63	69	66
24-Jan-00 25-Jan-00	67 61	70	70 69	65 62	65 64	66 64	65 65	65 62	61 62	60 60	57 61	56 60	53 58	53 59	55 57	56 57	59	60_1	5 3	64	63 73	70	61
26-Jan-00 27-Jan-00	61 55	70 55	75	- <u>71</u> 62	69 64	67 64	- 68 - 62	65 62	64 60	65 57	58 55	59 53	<u>55</u> 50	54 54	51 51	55 48	55 43	49 42	50 41	46 44	47 48 34 24	23	53 21
28-Jan-00 29-Jan-00	24 24	27	26	30 33	32	30 35	29 37	31 39	30	29 22	26 20	24	21 23	22 15	22	22 27	24 32	24 42	29 48	34 41	29 24 46 46	23	22
30-Jan-00	49	51	59	65	<u>63</u> 49	64	63 51	64 40	61	47	51 24	47	37 28	37 20	29 35	34 31	27 30	44 39	43 46	39 41	38 53 40 48	42	40
31-Jan-00 1-Feb-00	42	47	46	52 55	60	56 36 22	30	32	32	30 23	27	26	23	29 29 29	29 24	35	21	23	26 42	26 35	31 24 36 36	25	20 62
2-Feb-00 3-Feb-00	25 71	23 73	28	35	31 78	32	34	31	69	60	53	48	45	48	50	55	52	57	63 46	- 55 - 51 - 45	52 54 58 52	53	58
4-Feb-00 5-Feb-00	61 54	66 59	68 65	71 69	76 75	77 77	70 79	71 54	56 54	45	34 45	36 46	37	46	48	46	47 63	49 64	70	68	65 55	57.	71
6-Feb-00 7-Feb-00	75 77	75 78	80 76	81 78	85 76	82 68	85 80	83 80	73 69	65 60	65 56	63 57	60 56	58 53	50 57	60 57	60 59	60 61	56 58	60 58	63 68 56 60	58	67
8-Feb-00 9-Feb-00	67 77	69 92	63 89	68 88	66 89	74 92	68 91	71 93	61 89	52 79	58 65	45 62	51 67	49 66	45 63	49 66	55 67	69 73	75	74 76	74 74 79 80	76 82	75 83
10-Feb-00 11-Feb-00		30 80	85 80	87 84	<u>89</u> 85	91 84	91 82	84 81	88	83 78	85 72	85 72	83	81 68	76 50	76 70	76 68	77	76	79 71	82 80 71 72	<u>79</u> 73	63 72
12-Feb-00	71	73	74	77	78	76	61	77	71	70	62 73	62 68	62 65	60 66	51 68	64 57	67 72	72 75	74 80	75 85	78 78 85 87	80 86	79 63
13-Feb-00 14-Feb-00	81	84 69	85 89	81 90	81	82 91	86	87	80	75	77	78	77	76	75	57 57 74	70	73	75	72 80	74 78 79 85	74	79
15-Feb-00 16-Feb-00	81 86	60 68	82 89	87 90	85 91	85 91	84 89	82	81 84	82 82	61 78 72	85 	81	77	76 78 82	78	79	83 76	83 77	85 73	80 75	88	82 74
17-Feb-00 18-Feb-00	82 75	85 72	83 75	81 82	86 87	81 89	<u>-81</u> 89	79 B1	75		73 76	<u>72</u> 68	76 69	77 69	68	74	78	74	74	82	88 90	89	91 54
19-Feb-00 20-Feb-00	91 87	93 87	92 87	92 87	69 68	<u>91</u> 87	91 88	89 65	B1 83	78 80	- 77 - 81	77 74	79 74	78	79 72	<u>82</u> 75	83 76	83 79	86 83	83 83 (84 82 83 84	80	81
21-Feb-00 22-Feb-00	83 86	83 68	88 88	<u>88</u> 86	88 86	87	87 84	83 63	8D 64	80 85	75 90	73 86	74	70 63	72 83	71 85	76 82	81 82		82	82 86 75 74	86 79	83 82
23-Feb-00 24-Feb-00	82	77 74	85 73	84 75	88 75	85 72	<u>88</u> 70	76 57	71 68	60 71	<u>56</u> 74	59 73	60 76	<u>64</u> 79	66 77	63 80	66 82	73 83	74 84	75 82	76 78 81 82	81	74 82
25-Feb-00 25-Feb-00	a3 79	84 76	86	94 77	<u>91</u> 73	89 73	92 73	85 72	50 58	74 66	64 66	57 60	62 62	51 52	61 61	59 65	60 68	64 67	70 67	70 67	76 74 68 68	77	76 72
27-Feb-00	74	74	74	74	72	74	72	<u>66</u>	60 73	44 69	41 60	54 62	53 60	53 62	55 58	60 63	61 61	69 67	<u>69</u> 70	70 (70 72 73 76	73	74 79
28-Feb-00 1-Mar-00	81	B4	80	81 77	B1 75	81 73	<u>80</u> 74	76	79 69	76	77 64	79 62	79 62	72	69 61	68 63	67 53	71 70	73	71 85	71 75	75	75
2-Mar-00 3-Mar-00	75 82	77 84	78 85	85	67	88	85	82	74 86	67	62 54	58	55 75	52 74	53	55 78	60 73	67 80	65 79	72	75 74 79 79	74	86 77
4-Mar-00 5-Mar-00	85 81	86 85	85 82	86 88	90 83	90 71	87 66	88 61	60	89 58	56	75 56	56	-61	60	66 62	68 62	63 63	78 63	76	80 B4 74 77	90 75	77
6-Mar-00 7-Mar-00	91 74	<u> </u>	76 73	72 73	75	60 89	62 83	65 84	52 78	<u>63</u> 74	<u>62</u> 75	65 79	74	62 73	71	67	70	70	72	72	73 74	76	77
8-Mar-00 9-Mar-00	76	<u>81</u> 83	81 93	88 92	95 93	92 91	89 91	90 89	90 86	87 82	<u>82</u> 83	79 82	77 86	76 85	77 89	79 84	61	83 82	83 84	84	85 86	85	86
10-Mar-00 11-Mar-00	88 92	90 94	90 96	91 97	91 96	89 96	90 95	86 90	89 86	85 82	82 84	82 91	79 92	78 90	78 85	79 B4	81 81	82	79 80	87 79	88 90 81 79	91 82	93 85
12-Mar-00 13-Mar-00	85 62	86 82	85 83	86 85	86 85	<u>85</u>	85 85	83 86	83 83	82 79	81 76	79 75	-77 -74	76	74 73	<u>76</u> 72	77 74	80 75	<u>82</u> 65	81 84	82 82 87 84	78 86	B1 85
14-Mar-00	57 80	87	87 83	69 62	88 88	<u>89</u> 80	89 83	86 85	83 79	76	73 73	73	74	73	79	81 74	79	83 77	78	79	82 81 78 79	85 78	79
16-Mar-00 17-Mar-00	80 81	81	B0 90	 91	83 92	82 90	83 88	78 87	85 86	80 85	78 84	76 81	72 81	75 80	73	74 78	75	79	78 70	77 68	79 78 77 78	80	76
18-Mar-00 19-Mar-00	78	79	82	50 92	77 87	7B 92	79 93	77	72	71 89	71 83	66 75	63 70	65 70	63 58	63 63	65 59	66 61	58 62	67 59	68 70 58 60	70 60	<u>72</u> 63
20-Mar-00	62	62	61	50	<u>60</u> 71	60 72	60 72	60 71	57 70	57 64	54 60	52 51	51 50	54 51	53 53	53 55	54 54	48 61	64 65	58 68	46 59 67 68	60 71	55 64
21-Mar-00 22-Mar-00	63	64 71	65 74 77	69 75 75	76	75 76	76	69 78	72	68 69	68 68	66 64	63 67	61 65	64 65	<u>64</u> 70	63 72	65 73	66 75	67 77	71 77 79 80	80	78
23-Mar-00 24-Mar-00	77 84	78 86	77	56	77 86	87	87	~ 85	84	84	77	78 77	82 75	88 73	85	81 70	83	80 72	86 74	<u>88</u> 78	66 87 81 81	93	91 82
25-Mar-00 26-Mar-00	94 83	97 90	97 91	96 90	92 89	95 93	94 92	90 93	<u>84</u> 92	80 90	80 91	68	"90	73 89 69	84 84	85 83	85 81	87 80	90 82	90 83	89 85	85	88 87
27-Mar-00 28-Mar-00	81 54	89 86	85 84	87	81 82	81 87	83 85	85	82	72	69 69	69 54	64 65 76	68	67 70	67 69	72	72 72	75	77	78 79 83 82	79	80 81
29-Mar-00 30-Mar-00	82 85	83 87	83 89	85 89	85 85	86 85	86 87	82 83	76	77	73 68	72	76	71 70	76	73	72	74 (75	77	80 81	81	81
31-Mar-00 1-Apr-00	82 80	76 81	71 81	72 80	75 83	74 84	77 82	71 80	69 78	73	73 73	71 68	68 67	70 65	69 68	69 67	68	71 73	72	78	78 73 75 74	73	81 74
2-Apr-00 3-Apr-00	75 76	76 69	76 67	85 68	<u>86</u> 70	85 68	85 86	81 67	79 72	84 73	84 75	72 73	84 73	86 73	87	87 73	90 75	91 74	87	91 87	85 78 76 83	78	84
4-Apr-00 5-Apr-00	88 80	84 82	86 81	85 81	85 53	86 82	85 82	84 80	81 80	79 77	80 79	78 78	77 78	78 77	77 78	77 78	80 83	81 85	80 85	81 86	81 81 84 85	84	80 82
6-Apr-00 7-Apr-00	82 87	86 90	85 94	57 94	<u>86</u> 91	86 89	84 89	<u>81</u> 91	84 84	83 80	84 81	83 80	78 80	79 80	79 78	79 76	79 80	78 78	78 76	81 76	84 86 76 83	85 88	87 88
8-Apr-00	92	89 80	90 75	83 73	84 77	85 73	84 64	85 59	81	81	78	75 1	69 41	72	71 43	71 48	70 49	75	70	65 64	67 68 68 70	72	82
9-Apr-00 10-Apr-00	72	73	B4	90	86	90	85 83	84	77	76	81 62	83	88 63	87	82 84	<u>80</u> 53	78	76	60 61	80 57	78 79 61 65	81	78
11-Apr-00 12-Apr-00	69 69	79	80 72	82	81 78	82 76	49	78 43	37	29	ZB	31	32	30	25	38	45 46	45 48	50 63	48 54	50 51 55 70	55 75	59 64
13-Apr-00 14-Apr-00	54 75	70 76	52 68	61 67	59 71	59 65	53 72	51 72	61 57	70 58	64 59	57	58 55	56	55	58	57	60	67	72	68 74 83 85	71	71 85
15-Apr-00 16-Apr-00	77 79	- 77 - 85	79 85	81 89	80 86	77 87	75 86	74 86	70	69 72	66 71	54 68	64 60	65 62	67 68	65 65	65 62	72 70 77	81 71	78	83 82	84	52
17-Apr-00 18-Apr-00	88	89 74	83	88 69	86 61	63 63	83 62	80 52	83 60	83 53	81 47	79 45	71 42	67 42	71 	69 44	78	77 45	76	77 52	90 84 46 48		76 55
15-Apr-00 20-Apr-00	68 81	72 60	76	75	77	75 83	68 83	54 78	62 71	58 73	51 68	55 65	\$2 67	53 62	52 67	58 66	57 69	62 72	69 78	59 80	70 76 82 83	83	75
21-Apr-00	81	80 80 84	81	84	83	86	50 86	72	71 80	71 80	71	73	74	76 72	76	73	77 84	77 76	78 84	76 83	76 76 79 78	83	81
22-Apr-00 23-Apr-00	83 76	77	77	77	75	76	76	87	77 81	77	80 96	69 95	78 89	55 85	71	75 84	71	78 87	80	80 91	84 55 89 87	84	79
24-Apr-00 25-Apr-00	83 77	85 75	87 75	89	89	89 70	87	71	70	EO	81	82	76	88	82	78 48	81 49	80 53	82 54	81 57	80 82 58 65	80	76 73
26-Apr-00 27-Apr-00	80	80 71	80 70	80 72	77	75	77	74 68	63 63	<u>61</u> 57	57 53	52 48	50	63 51	52	55	53	59	55	55	51 55	56	54
28-Apr-00 29-Apr-00	59	66 77	62 78	74	80 78	78 78	78 76	78	73	71 72	64 75	62 74	59 73	59 72	57 71	55 73	55 74	57 80	66 85	73 83	72 73 81 82	82	81
30-Apr-00 1-May-00	<u>61</u> 81	86 83	87 81	88 85	69 83	85 82	87 82	88 78	88 70	88 71	91 65	87 70	84 65	54 54	77	75 42	75 37	76 42	75 51	72 55	75 77 51 44	58	85 66
2-May-00 3-May-00	59 66	59 65	67	70	71 65	72	70 62	73 67	69 59	59 54	54 41	62 46	54 58	48 50	55 56	50 51	41 33	42 38	44	66 55	63 80 69 74		72 80
			<u> </u>																				

<u> </u>				41h hour	5Մ1 հօսո	6th haur	7th hour	8ih hou	r 9th hour	10th hou	it ith hou	112th hou	13th hou	414th hou	15ih hou	ultells ho	u17th hou	18th hou	19lh hour	20lh hou:21st ho 89 85	u/22nd ho	23rd hour	241h hour 87
4-May-00 5-May-00	80 87	78 94	86 92	85 90	87 94	87 95	88 93	87	82 94	83 94	80 95	85 91	85 85	86	89 75	86 76	73	87	88	79 87	88.	81 56	80
6-May-00 7-May-00	81 59	85 62	87 66	84 63	87 63	<u>88</u> 74	68 68	82 62	77 54	62 47	67 50	57 49	36 31	27	36 29	36 27	34 27	34 22	48 25	31 25	56	56	70
8-May-00 9-May-00	76	78	80 77	81 75	62 77	81 78	77	68 67	63 62	59 59	53 55	35	24	37	43 59	42 61	53 65	61 68	68 70	72 73 72 73	73	75	77
10-May-00 11-May-00	75	75	74 77	74 75	75	74 75	72	68	61 72	61 68	<u>59</u> 61	54 57	53 54	53 54	54 55	57	61	64	68 64	70 52 67 70	51	60 75	65 75
12-May-00	76	75	76	77 74	76	76	76	70	65 59	64 59	65 57	<u>61</u> 64	61 63	62 65	61 60	61 59	63	65 68	57 71	71 70 75 75	72	75	74
13-May-00 14-May-00	75	79	81	79 77	73	78	75	71	66 68	61 68	64	58 63	63 54	58 58	60 57	62 57	59	69 71	71 75	70 70 77 78	67 79	70	74 79
15-May-00 16-May-00	74	73	74	70	79	77	77	74	70	67	62 54	57	56	57	58 48	58	60 59	66 59	66 68	77 77 77 71 71	76	83	78 75
17-May-00 18-May-00	74 81	80 74	70 76	64 78	75 78	70 83	66 79	56 80	64 73	51 71	61	60	50	54	\$7	61	65	53	91 90	85 91	<u>89</u> 81	83	88 87
19-May-80 20-May-80	85	89 87	87 89	86 89	84 90	80 94	79 95	81 90	76 92	58 92	63 91	63 91	70	69 90	93 91	96 86	93 82	51 84	85	84 85	85	84	85
21-May-00 22-May-00	86 90	86 91	86 92	86 90	93 92	90 94	89 91	84 92	83 88	81 90	1 78 1 88	87 93	88	93 88	92 84	93 81	91 81	68 83	88 \$8	87 89 89 86	90 86	91 89	90 87
23-May-00 24-May-00	89 79	90 84	93 81	93 81	92 86	92 85	91 83	89	85 76	84 68	62	68 60	62 65	65 54	65 70	70	74	75 75	77 75	78 78 76 75	76	79	78
25-May-00 26-May-00	79	81 75	80 76	79 80	79	78 82	77	73	69 72	68 72	66 71	72	64 73	59 71	54 72	54	58	63 74	69 77	70 74 74 75	73	77	79 78
27-May-00	80	82	90	84 86	83	76	75	<u>81</u> 78	75	70	70	70	65 91	88 80	93 81	91 79	87 78	87 78	81 84	85 79 78 82	83 81	81	83 82
28-May-00 29-May-00	84 81	83	86	86	86	B4	79	74	67 66	74	72	71	69 68	67 62	61 59	62 63	62 65	52 66	68 73	67 73 73 74	78	75	74
30-May-00 31-May-00	81 76	82	81 81	81	82 82	82 84	81 90	88	86	82	78	72	72	71	71	64	68	74 67	77	76 78 73 74	78	78	73
1-Jun-00 2-Jun-00	74	78 81	75 84	76 82	78 81	77 83	74 53	75 78	72 75	72	70 66	65 63	59 67	57 62	59 66	63	67	57	69	70 72	72	74	75
3-Jun-00 4-Jun-00	76	78	76 78	78 81	76 80	76	75 76	72	<u>69</u> 71	76 67	68 60	66 61	61 57	59 56	59 51	65 58	65 67	65 72	70 72	73 75 74 73	76	75	73
5-Jun-00 6-Jun-00	75	77	79 82	83 75	85 79	86 79	80 76	79	65 74	59 74	56 79	63	<u>56</u> 61	56 64	57 66	60	68 71	72 73	74	75 72 75 78	73	76 78	75 77
7-Jun-00 8-Jun-00	75	77	84 79	81 79	85 82	82 80	87 80	85 85	79 89	70 86	79 91	76	80 88	78 78	73 80	72	75	76 82	76 86	79 80 81 75	77	79 80	77 78
8-Jun-00 10-Jun-00	77	78	79	80 93	B1 95	81 94	79 92	78	74	71 93	68 69	70 93	73 93	74	76 91	76	83 84	83 83	85 83	83 78 85 87	80 84	76 85	
11-Jun-00	84	88 84	87 87	89 85	85 87	86 86	87	82	B5 81	81 83	<u>50</u> 82	79	76	77	72	71	77	80	74 85	76 78 B4 84	76	80 87	78 BO
12-Jun-00 13-Jun-00	82	76	80	81	80	80	77 82	76	75	72	71 87	69 77	67 88	67 84	72	71 78	72	76	73 54	75 89 92 88	81 86	81	81
14-Jun-00 15-Jun-00	72 91	81 90	75 90	91 91	86 90	81 93	95	92	86	85 74	79	75 74	82 70	76	77 68	72	73	76	<u>81</u> 78	82 82 79 78	78	84 79	85 79
16-Jun-00 17-Jun-00	85 85	87 80	85 86	91 87	84 89	90 92	80 80	79 60	76	69	72 69	67	80	64	69	74 75 67	76	60	79 74	81 81 76 77	82	82 75	84 74
18-Jun-00 19-Jun-00	84 81	82 85	65 83	85 81	86 86	84 88	84 85	79	69 74	69 67	67 63	64	61 68	61 62	63 60	64	73 62	76 63	68	69 69	74	75 7B 69	72 72 72
20-Jun-00 21-Jun-00	84 73	78 75	79 76	<u>79</u> 79	79 84	80 80	84 78	75	67 69	63 65	70	71 58	66 63	64 63	58 64	60 52	60 6D	65 63	69 69	66 65 75 75	76	77	76
22-Jun-00 23-Jun-00	74	82 78	84 78	79 78	80 76	79 77	78 76	<u>82</u> 75	75 73	69 69	65 61	<u>53</u>	64 55	62 59	57 61	<u>52</u> 61	65 57	68 64	74 67	74 75 72 73	78 70	77 71	78 75
24-Jun-00 25-Jun-00	72	71	77 74	78 82	73	76 82	78 80	79 80	75	70 66	65 63	55	58	<u>53</u> 	57 59	56	62	<u>67</u> 69	66 72	71 67 72 72	69 76	72 73	73 75
26-Jun-00 27-Jun-00	72	82	78 78	80 90	79 86	79 86	75 82	73	70 78	73 76	65 81	<u>62</u> 80	66 70	63 70	66 68	65 72	71	73	93 74	61 60 73 76	80 79	78 89	79 93
28-Jun-00 29-Jun-60	94 64	94 63	93 88	92 95	94 95	92 94	94 91	94 88	98 78	91 78	87 85	88	86 73	87 78	87 77	83 84	78	7 <u>9</u> 76	81 63	61 80 61 61	81	87 61	82
30-Jun-00	85	87	85	<u>88</u> 83	79	86 88	84 86	84	77 B3	72	<u>81</u> 81	84 78	85 73	73	78 79	80 80	08	91 80	88 82	85 89 85 86	83	93 86	<u>91</u> 81
1-Jul-00 2-Jul-00	83	86	78	84	84	85	84 83	83 80	77	73	72	69 65	65	64 79	66 75	69 70	<u>89</u> 69	83 73	88 73	87 84 78 79	<u>84</u> 60	80 83	77 80
3-Jul-00 4-Jul-00	78	82 81	85	86 80	84 83	83	69	73	69	64	65	65	65	66	64	72	66 77	70	78	78 73 81 78	78	80	79
5-Jul-00 6-Jul-00	73 79	80 76	83 77	81 79	74 81	78 84	79 85	78 85	74 82	74	75	73	76	73	76	77 69	69	66	75	72 75 77 78	75	76	74
7-Jul-00 8-Jul-00	B1 79	78	78 76	75 79	80 81	79 75	65 71	74 74	67 75	67 74	64 70	60 67	62 63	58 64	59 63	63 66	62 70	69 69	71	74 75	72	72	74 75
9-Jul-00 10-Jul-00	73	76	78 60	80 80	79 78	72 79	72	71	66 73	67 67	70 65	65 57	60 54	57 51	53 56	58 57	60 59	68 62	7069	73 69 67 68	69 70	73	73
11-Jul-00 12-Jul-00	74	76 75	77 78	76	77 84	78 81	77 78	<u>75</u> 	71 72	69 67	58 66	58 59	62 53	60 53	60 54	60 57	61 53	63 57	68 64	73 74 67 66	<u>74</u> 63	75 63	75 73
13-Jul-00 14-Jul-00	72	75 78	76	75 78	79 78	78 80	79	74 69	70 67	67 65	64 61	<u>59</u> 60	<u>60</u> 53	<u>57</u> 56	56 55	53 63	60 65	62 66	69 56	72 74 70 73	74	65 73	71 71
15-Jul-60 16-Jul-00	73	74 B4	76 93	74 85	74 80	83 81	82 82	73 79	72 74	74 73	67 67	51 65	69 61	67 62	60 64	61	67	69 68	73	69 70 75 76	70	73 74	85 72
17-Jul-00 18-Jul-00	B4 74	74	71 75	74	79 77	76 78		73 73	72	69 64	67 55	69 56	66 65	8D 67	70 63	66 68	69 71	68 71	71 72	75 50 73 73	76	81 74	74
19-Jul-00 20-Jul-00	5Z 74	76	79 75	75	76	77	74 76	71	69 70	64 67	65 69	60 61	63 59	61 61	59 61	62 61	65 66	68 67	71 72	73 73 74 76	72	73	75
21-Jul-00	78	76	79	76	76	79	75	67 77	67 76	65 70	63 65	61	57	58 55	59 54	65 52	61 49	64 59	72	71 73	75	68 75	75
22-Jul-00 23-Jul-00	72	75	81	81	80	79	76	73	67 71	66 63	65 61	60 57	53	53 62	52	53 64	55 62	61 64	67 69	69 68 71 71	69 73	70	71 73
24-Jui-00 25-Jui-00	70	75	79 73	80 76	80 76 71	80 77 73	77 76 74	73 72	70	59	57 64	57	55	52 54	50 57 58	58	60 58	61 65	<u>66</u> 69	67 65	68	70	70
26-Jul-00 27-Jul-00	69 72	71 67	69 70	-71 -71	71	73	74	67 71	63	66 70	68	64	63	55	49	57	55	60	68 65	73 70	75	73	75
28-Jul-00 29-Jul-00	79 75	77 80	80	81 79	82 80	81 79	82 82	74 91	68 73	55 62	55 56	53 63	<u>51</u> 62	49	48 58	58	51	<u>62</u> 67	72	69 71	74	71	69 73
30-Jul-00 31-Jul-00	75 73	76	78	78	80	82	79	76 70	67 69	66 69	63 67	64 60	61 52	59 56	<u>53</u> 57	55 52	57 60	63 61	69 66	72 74	68	72	73
1-Aug-00 2-Aug-00	73	73	76 78	<u>76</u> 79	73	76	77 80	74 77	69 70	67 63	66 61	60 54	59 52	52 52	59 51	62 52	64 53	62 57	63 64	70 68 69 67	67	71 58	71 70
3-Aug-00 4-Aug-00	72	69 77	71 78	77 80	- 77 - 61	70 78	70 76	67 72	59 62	60 58	64 57	61 55	<u>52</u> <u>59</u>	48	47 51	53 53	61 59	64 58	65 64	67 71 67 70	70	73	73
5-Aug-00 6-Aug-00	74	78	78 88	<u>81</u> 93	79 89	79 86	75 85	74 83	69 83	63 89	61 85	62 76	65 69	59 75	51 70	69 69	58 90	65 84	76 86	68 73 82 84	75	77 86	71 88
7-Aug-00 7-Aug-00 8-Aug-00	84 80	89 84	87 81	85 80	85 79	68 63	85	85 82	<u>83</u> 78	78 73	87 69	71 66	67 62	61 61	61 56	59 62	63 87	67 89	70 86	72 74 84 90	74 91	74 92	78 94
9-Aug-00 10-Aug-00	95 84	92 84	89 88	92 91	84 87	58 87	87 89	86 92	90 92	90 90	69 65	87 93	89 89	<u>86</u> 90	84 91	90 88	83	87 85	86 89	85 86 78 77	84	86 84	85 92
11-Aug-00	92	87	90	92 91	91 90	89 91	87 92	66 92	85 91	82	87 92	87	83 - 91	84 87	85 88	84	96	95 90	94 89	90 89 89 86	85	84 91	<u>88</u> 90
12-Aug-00 13-Aug-00	83 87	82 89	93	93	90 93 97	91 93 95	94 94	92 69 92	85 92	85 50	79 86	75	54 58	61 88	67	70	71	74 86	76	78 50 85 58	78	77	79
14-Aug-00 15-Aug-00	74 88	80 91	89 89	95 87	85	83	62	79	77	73	74	72	68 78	68 85	70 85	66 92	72	87 95	87 94	88 90 93 88	87	85	86 90
16-Aug-00 17-Aug-00	80 61	78 65	84 89	83 94	80	79 87	80 89	74 88	87 81	82 80	78	63	80	68	68	69	68	70	74	73 73	83	65	83 89
18-Aug-00 19-Aug-00	85 83	85 87	79 83	81 85	78 84	82 80	84 81	85 78	81 71	80 68	73 65	68 62	67 60	61 59	62 60	59 58	69 63	62 64	61 65	66 80 71 73	85	89 73	76
20-Aug-00 21-Aug-00	78 82	85 80	81 78	83 78	82 79	85 86	84 85	80 85	83 86	86 85	81 79	77 72	73	70 69	73 69	75	76 68	80 75	81 76	71 78 76 76	81	81 77	81 78
22-Aug-00 23-Aug-00	77	78 76	78	76	82 83	84 63	80 79	76 78	93 72	85 72	79 75	51 74	83 75	82 74	87 74	79 79	76 72	78 78	79 78	80 77 80 81	77 82	78 82	79 83
23-Aug-00 24-Aug-00 25-Aug-00	81 79	81 79	89 84	88 82	89 81	- <u>B8</u> - B2		83 77	76	70		71 72	68 67	65 67	68 75	67 79	70	71 75	70 75	69 74 77 86	76	75 84	75 79
26-Aug-00	80	79	85	84	86	86	87 79	B3 85	82 79	79 73	78	75	71 62	65 63	63 85	<u>67</u> 71	67 72	70	71	73 74 93 87	75	80	78
27-Aug-00 28-Aug-00	76 66	81 86	85	84 83	84 85	83 84	83	77	74	72	71	69	68	63	62	64	65	68	75	78 79	79	85	84 79
29-Aug-00 30-Aug-00	84 81	84 82	84 84	86 81	86 82	85 87	82 86	77 76	74 70	68 73	65 69	72	74 70	74 60	65 61	63 61	69 69	71 73	75	75 74	70	77	76
31-Aug-00 1-Sep-00	75 70	78	80 76	79 79	79 80	79 81	76 80	72 76	67 72	69 72	64 68	58 61	55 56	67 56	57 57	58 58	62 62		73 70	72 70 67 66	65 73	69 53	69 66
2-Sec-00 3-Sep-00	70 78	72 82	72	74	77 82	77 85	75 80	77 78	74 73	72 69	78 76	82 75	75 68	74 71	75 74	71	72 68	73 70	76 78	78 77 78 75	76	77 80	77 80
4-Sep-00 5-Sep-00	80 91	82 88	86	87 80	83	88 77	91 74	90 75	89 70	85 68	82 62	80 60	77 65	77 65	74 65	75 64	74	79 63	82 64	83 91 63 65	90 62	91 60	89 61
L		. ا ـــــــــــــــــــــــــــــــــــ								المحتقد	-			باهت کت	فمحمد فبدرجهم								

	tel bout	2nd hour	and hour	t dib barre	6th hour	Elb bour	71b bour	All bour	Sih hour	10lh hour	11lh bour	12th hour	13lb hour	4th hou	15th hour	16th hour	17ևի իօս։	18in hour	19th hour	20th hour	tst hour	2nd houl2	3rd hour?	24th hour
6-Sep-00	68	64	71	66	74	68	69	67	64	63	63	67	50	51	60	ວອ	\$ 4	1 62 1	64	00 1	07	03	16	74
7-Sep-00 8-Sep-00	70	71 80	75	74	77	77 82	75	70	63 72	65	60 59	59 57	56 50	64 53	66 51	65 56	57 60	66	65 68	68 74	70 74	70	73	76
9-Sep-00	79	79	60	79	78	78	76	73	69	70	65	68	68	69	67	64	- 66	70 67	69 69	68 73	73	74 69	76	75
10-Sep-00 11-Sep-00	77	77	79 76	78	78 75	79	76	72	70 64	<u>67</u> 60	63 56	63 54	60 51	61 52	61	63 60	58 63	67	70	71	70	74	72	89
12-Sep-00	94	87	68	86	83	79	71	<u>\$0</u>	54	<u>51</u> 47	50 41	46 37	46	45 40	47	49 51	51 51	56	65 57	71 57	70 55	72	72 58	73 58
13-Sep-00 14-Sep-00	74 63	76 69	76 67	73 65	69 64	67 77	61 64	52 57	52 65	61	67	55	54	53	50	57	55	57	62	64	65	65	70	67
15-Sep-00	73	69	71	73	76	70	70 69	72	73 65	72 60	72 64	56 70	53 62	56 72	54 63	58 65	70 69	53 69	61 76	61 75	71 1	68	68 79	75 76
16-Sep-00 17-Sep-00	73 76	75 79	79 85	82	84 82	76 81	82	76	68	64	62	66	61	60	56	52	57	61	66	65	66	70	66	56
18-Sep-00	51 55	65 55	65 57	54 58	51 67	49 62	50 61	56 61	53 59	43	42	49 52	44 51	45 52	44 50	45 50	50 55	50 55	53 58	50 48	54 49	52 44	<u>55</u> 40	57 40
19-Sep-00 20-Sep-00	43	45	44	44	43	44	43	43	43	43	43	42	41	42	45	54	50	53	51	51	51	56	54	57
21-Sep-00 22-Sep-00	53 59	63 65	65 64	56 65	65 64	60 63	56 64	55 62	53 57	52 55	48	52 51	50 50	56 50	54 50	59 50	56 50	57 50	59 53	68 55	66 55	62 55	69 56	62 58
23-Sep-00	59	60	61	67	73	68	71	72	77	80	79	78	72	76 85	- 58 93	71 90	73 85	83 85	79 83	83 84	84 83	85 87	88 83	89 82
24-Sep-00 25-Sep-00	90 83	53 82	94 84	85 86	83 86	88 87	90 86	84 84	90 86	89 83	92 74	67 77	81 84	84	83	81	78	78	83	81	80	80	80	80
26-Sep-00	80	80	79	<u>81</u> 80	81 78	51 79	78 79	72 73	65 69	63 65	65 58	64 55	55 54	48 64	50 62	49 63	50 63	62	62 71	64 73	67 71	71 74	73	74
27-Sep-00 28-Sep-00	75	77 77	79 77	77	78	75	77	72	68	63	59	56	58	55	64	65	56	67	68	71	72	75	76	76
29-Sep-00 30-Sep-00	75	79 75	77	78	79 82	79 82	76	70 72	64 66	66 62	64 59	64 49	59 48	57 49	59 48	64 50	65 53	64 58	62 71	62 73	64 73	6B 71	69 71	70
1-Ocl-00	72	74	73	70	69	67	67	65	60	58	57	\$2 I	53	54	54 75	55 86	63 B0	69 86	70 88	74 81	72 81	79	65 63	64 86
2-Oct-00 3-Oct-00	65 81	78 81	87 88	72	85 85	82 84	74 86	75 86	70 87	69 85	6 <u>6</u> 81	68 74	64 70	68 70	75	73	72	72	74	72	83	79	79	75
4-Oct-00	76	73	75	75	72	73	72 84	67	63 78	57 75	55 73	55 70	50 69	53 54	65 63	67 58	67 55	71 60	<u>70</u> 61	71 59	67 62	66 67	69 68	-71-
5-Oct-00 6-Oct-00	75	76 81	77 79	79	79 76	83	80	80 71	71	64	62	57	55	48	47	46	51	55	54	54	64	71	71	69
7-0ct-00	73	67 63	74	73 67	65 71	69 71	<u>56</u> 72	64 72	58 72	55 70	52 70	49 69	52 67	48 54	47 63	45 55	50 62	49 55	54 58	58 53	61 61	60 59	59 58	50 61
8-Oct-00 9-Oct-00	61 59	57	51 60	61	63	61	59	54	51	48	47	43	41	41	43	44	46	47	49	51	51	49	49	52
10-Oct-00 11-Oct-00	80 80	75 78	57 76	62 75	57 73	58 73	58 71	58 68	55 67	54 64	53 62	52 53	53 56	53 57	53 59	57 59	59 58	63 65	65 68	64 70	65 74	67 75	82 75	81 76
12-Oct-00	77	77	79	78	77	78	76	76	71	71	71	68 52	84 55	79 53	77	76 54	73 63	72	72	70 79	70	71 72	70 74	68 73
13-Oct-00 14-Oct-00	65 74	54 72	59 72	61 74	60 75	62 82	64 79	75	60 65	61	<u>5</u> 8	56	54	55	54	55	55	56	59	68	67	65	57	58
15-Oct-00	59 58	59 58	61 58	63 60	62 60	62 60	63 60	59 57	58 53	55 54	54 50	52 48	53 46	51 45	52 48	50 42	51 43	52 46	54 47	56 48	56 50	55	56 53	55 53
16-Oct-00 17-Oct-00	53	54	52	54	53	50	50	49	47	44	46	47	45	45	44	46	55 60	58 61	55 62	57 52	62 63	62 64	65 65	54 68
18-Oct-00 19-Oct-00	61 72	74	69 75	71 75	62 79	64 77	65 58	64 48	64 46	59 40	56 38	55 36	55 35	45 31	50 40	55 35	29	33	34	36	33	32	32	34
20-Oct-00	39	43	41	43	46	51	53 69	41	40	42	38 47	39	38 46	39 47	45 54	49 50	51 52	55	60 62	62 63	60 66	61 67	63 67	63 66
21-Oct-00 22-Oct-00	67 68	- 69 72	67 72	70 74	69 72	71	75	68	67	59	52	52	52	54	56	57	59	62	67	58	65	63	69	69
23-Oct-00 24-Oct-00	73	71 72	74	75 58	77 66	78 67	74 65	59 59	61 55	59	54 50	<u>54</u> 45	45	60 44	57 52	59 58	61 55	66 65	67 68	71 71	71 72	71 75	71 74	71
25-Oct-00	75	75	76	74	74	76	78	74	69	70	61	59 59	56	61	60	<u>59</u> 52	60 59	69 63	66 55	65 65	70 65	66 58	70	72
25-Oct-00 27-Oct-00	76	75	77 73	78 75	7 <u>8</u> 75	80	83 75	77.	<u>65</u> 62	59 59	<u>55</u> 59	58	54 51	51 60	49 60	63	64	70	74	75	76	72	74	79
28-Oct-00	76	78 74	77 74	74	73 76	75 71	74 69	69 54	54 59	62 59	63	59 44	60 39	63 40	61 41	64 45	64 56	69 68	74 58	74 68	75	71 71	71 72	71 69
29-Oct-00 30-Oct-00	73 74	75	73	74	79	70	78	78	72	67	65	60	59	58	60	58	65	89	85 85	88	84	83	87	85
31-Oct-00 1-Nov-00	91 91	89 90	88 91	87 90	90 89	<u>91</u> 89	90 91	85 92	<u>84</u> 89	82 87	78 92	73 90	73	68 85	68 80	- 69 - 80	75 B3	76 81	80	84 81	91 81	89 63	87 77	87 72
2-Nov-00	69	80	89	90	82	79	72	68 53	69 50	71	64 50	60 49	59 49	56 45	58 45	58 46	58 46	59 52	57 57	55	54 51	55 51	57 63	57
3-Nov-00 4-Nov-00	<u>55</u> 53	53 55	54 66	54 54	54	55	53	45	42	42	43	42	39	35	41	42	5Z	57	56	57	60	60	65	65
5-Nov-00	67 45	49 47	47	46 48	45 49	 50	44 50	43	43	44	47	45 45	43	43 45	44 53	<u>35</u> 47	37 45	37	38 48	39 48	42 50	42	48	43
6-Nov-00 7-Nov-00	54	51	51	52	51	49	49	49	48	47	47	50	49	50	52 65	50 69	48	48	46 69	49 67	50 67	51 67	61 67	59 63
8-Nov-00 9-Nov-00	79 82	79 80	67 64	84 58	<u>70</u> 52	66 52	71 53	77 49	-73 47	74 43	76 49	73 48	- 71 - 45	63 43	47	41	42	60	53	59	70	74	74	70
10-Nov-00	75	73	74	75 73	71	78	79	59 66	47 67	44 62	46 58	44 57	42	44 53	47 52	49 56	58 57	63 63	65 65	64 69	70 69	72 73	73	75
11-Nov-00 12-Nov-00	75	73	73	72	72	71	71	67	61	57	55	49	46	56	57	52	53	61	67	68	69	71	59	71
13-Nov-00 14-Nov-00	70	70 73	71 75	73	72 76	71 73	<u>71</u> 76	63 71	53 65	44 57	41 52	35	39 45	40	51 60	53 59	53 56	61 56	<u>81</u> 56	58 63	68 73	66 74	72 70	70
15-Nov-00	74	77	78	75	75	75	72	68	60 64	58 57	<u>55</u> 53	55	59 49	58 47	55 50	45 49	53 67	65 63	68 64	<u>67</u> 61	70 64	72 68	- <u>58</u> 71	<u>64</u> 77
16-Nov-00 17-Nov-00	64 78	70	71	72 80	69 78	71 75	66 75	65 69	65	60	58	57	53	-61	62	ទ	65	72	71	66	71	70	73	71
15-Nov-00 19-Nov-00	58 65	73 65	77 65	79	80 65	79 64		70 62	66 60	61 61	59 59	57 55	57 56	54 56	55 57	55 58	57 59	59 62	<u>59</u> 67	59 51	59 53	60 56	62 55	56 58
20-Nov-00	61	61	51	64	61	61	61	56	52	50	47	46	45 40	49 44	47	47	44 54	53 57	53 58	53 67	62 71	62	62	
21-Nov-00 22-Nov-00	66 71	54 71	56 73	55 78	77	75	55 59	48	<u>46</u> 54	43	43	42	47	44	46	49	59	61	63	66	68	71	71	71
23-Nov-00 24-Nov-00	71	75 77	80	76 69	81 55	69 53	61 53	61 52	55 52	50 46	46 45	47	45	44 41	39 42	41 44	40 50	42 58	55 64	66 68	69 67	70 67	71 69	71 70
25-Nov-00	71	74	74	74	76	77	76	72	68 53	50 53	49	49	44 46	<u>54</u> 47	56 51	51 51	<u>59</u> 53	58 56	52 56	<u>50</u> 55	52 56	51 51	51 51	50 51
25-Nov-00 27-Nov-00	55 51	52 51	<u>52</u> 47	55 47	56 46	56 46	54 44	53 43	40	37	35	32	27	25	33	35	35	27	25	24	20	19	20	21
28-Nov-00 29-Nov-00	24 23	26 31	29 41	28 27	27 45	25 41	23 35	23 38	25 31	26 27	25 26	25	24 26	23	20 30	18 29	17 33	18 37	23 37	<u>22</u> 40	26 47	28 34	23 29	22 29
30-Nov-00	36	38	41	43	44	44	45	45	38	39	42	27	25	41	41 59	36 52	36 60	44 62	47 67	56 67	62 68	65 71	66 71	68 72
1-Dec-00 2-Dec-00	71	71 75	71	73	74 76	71 77	- <u>70</u> 77	68 67	59 60	<u>56</u> 48	57 59	53 6D	60 57	57 52	50	50	55	57	63	60	64	75	64	71
3-Dec-00	77	71 65	74 65	68 56	62 63	58 62	56 56	50 50	47	43	39 45	<u>39</u> 42	38 40	42	46 .	49 38	52 39	52 54	54 63	52 66	61 62	62 68	50 70	61 71
4-Dec-00 5-Dec-00	72	73	73	55	52	47	47	47	46	47	46	45	44 54	45	52	55 53	55 59	56 61	58 64	59 67	62 69	58	58 68	59 67
5-Dec-00 7-Dec-00	61 58	<u>63</u> 71	63 70	65 73	63 72	63 60	63 51	60 49	57 46	52 44	53 44	<u>52</u> 45	50	52 50	58 52	51	58	58	60	61	64	63	65	73
8-Dec-00	72	72	69 75	76	73 75	73	72 75	69 70	64 67	60 62	55 67	54 55	48 56	46 62	49 62	52 62	51 68	59 68	63 68	69 70	72 70	72	72	72
9-Dec-00 10-Dec-00	74	73	71	76	77	79	77	75	71	68	60	57	58	64	65	65	65 60	<u>64</u> 64	59	62 63	56	61 64	65	67 63
11-Dec-00 12-Dec-00	70 53	72 62	75 65	8 <u>3</u> 69	85 73	77 76	71 75	68 76	59 59	52 52	50 61	<u>53</u> <u>52</u>	55 61	52 61	57 57	57 61	65	68	69	69	73	72	74	82
13-Dec-00	- 84	91	85	85	89 67	<u>88</u> 67	84 66	91 65	89 63	78 64	67 61	63 59	62 59	61 58	52 59	64 59	66 63	68 72	64 75	57 76	63 76	58	67 73	74 75
14-Dec-00 15-Dec-00	78	76 73	69 73	68 73	73	78	78	76	70	68	63	55	64	65	63	67	67	67	72	73	74	74	74	74
16-Dec-00 17-Dec-00	76	73 70	71	71 75	74 73	74 56	74	72 68	67	65 62	<u>59</u> 53	62 52	60 49	61 55	58 57	60 58	63 55	64 64	72 73	73 80	74 73	73 77	71 69	71 67
18-Dec-00	68	72	73	69	75	83	84 72	81 70	78	71 72	<u>60</u> 71	64 82	65 78	62 72	59 68	65 68	67 69	74 70	74 70	72 68	76 72	78 70	79 71	78 69
19-Dec-00 20-Dec-00	79 69	73 57	82 68	85 71	72 76	72 76	77	75	72	74	67	65	63	58	59	59	64	70	68	69	72	74	70	75
21-Dec-00	77	77 84	73	74 87	71 87	72 87	73 87	73 83	<u>66</u> 77	63 72	64 70	64 67	60 76	62 68	64 69	67 70	71	67	83 70	81 71	79 73	78	79 79	78 82
22-Dec-00 23-Dec-00	87	89	92	92	89	89	89	92	90	92	91	87	92	86	85	82	80	81	82 70	86 71	90 66	91 80	94	93 70
24-Dec-00 25-Dec-00	93	95 72	96 70	95 70	93 71	90 70	89	87	82 68	79 65	77 64	65	74 64	77 64	70 64	71 54	70 64	71 65	65	63	71	64 1	78	67
26-Dec-00	68	76	68	69	59	67	70	72	64	63	57	57 58	50 60	49	50 63	53 61	58 63	64 64	70 67	72 68	73 69	74 69	74 69	74
27-Dec-00 28-Dec-00	71	75	70	71	74	76 79	76 81	74	70 68	57 65	69 73	65	67	62 65	63	61	61	64	58	68	73	77	76	74
29-Dec-00	72	73 56	65 58	65 58	68 57	70 56	68 57	67 54	67 49	65 45	63 42	63 38	59 38	59 35	55 33	51 32	54 31	55 32	55 32	55 32	53 32	55 33	57 34	57 34
30-Dec-00 31-Dec-00	58 40	39	39	38	37	39	39	37	34	31	28	27	25	22	22	21	23	25	29	25	31	31	29	31
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	1st hour	2nd hour	3rd hour	4th hour	5th hour	6th hour	7th hour	Sin hour	Sin hour	10th hou	11նի հօս։	12ih hou	13lh hou	14th hou	15th hou	16th hour	17th hour	18th nov	19th hav	20th hou	25st hour	22nd hou	23rd hou	24(h ho
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Hourly Averaged	I 1st hour	2nd hour	3rd hour	 Alls hour	50 hour	6lh bour	7th hour	8th hour	Sth hour	1 10th hour	111th hour	12th hou	13lh hou	14th hou	15th hou	16th hour	17 կի հոստ	18lĥ hou	19th hou	201h hou	21st hour	22nd hou	23rd hou	24th ho
12 months RH	1	1		10311-00	4111100						1											ş		
average 4yr (%)	74.1	75.2	75.8	76,4	76.5	76,3	75.3	72.6	69.2	66.7	64.6	52.8	61.6	61.2	61.6	62.2	63.7	66.5	68.8	69.7	70.7	71.6	72.5	72.6
				<u> </u>							<u> </u>		ļ							<u> </u>		<u> </u>		· ·
Month Jan	<u> </u>	 		<u> </u>		<u> </u>	<u> </u>							· · ·										h
average 4yr (%)	63.4	65.5	65.5	65.7	66.7	66.8	66,1	65.1	62.5	60.0	58.8	57.1	55.9	55.0	55.4	56.2	57.2	58.3	59.9	59.9	60.1	62.0	62.4	61.1
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Month Feb average 4yr (%)	74.6	76.1	77.1	79,1	79.8	78.7	78.8	75.3	71.4	67.6	63.7	62.7	63.4	63.3	53,1	54.3	65.0	68.2	70.1	70.2	71.6	71.9	72.7	73.6
2121090 491 (74)	1.17.0	10.1																						
																			<u> </u>		<u> </u>			<u> </u>
Month March average 4yr (%)	80.9	82.6	82.7	83.3	83.5	83.0	82.7	80.8	78.5	75.7	73.5	72.0	70.9	70.9	70.8	71.1	71.3	73.0	75.2	76.3	77.8	78.8	80,1	79.5
average 4yr (%)	60,8	62.0	02.7	03.3	00.0	00,0			10.5	1.0.7	19,-													
	<u> </u>																		[<u> </u>	ļ			[
Month Apr					79.8	79,5	77.2	75.1	71.8	71.5	69,7	67.4	67.2	66.5	66.3	66.3	67.9	69,8	72.3	73.9	73.9	75,6	76.2	76,0
average 4yr (%)	77.6	78.9	78.4	79.9	19.8	(8,5		/3/1	71.0	11.2	65.7	67.4	.07.4	00.3	00,3	00.3	67.3	00.0	12.3	1 13.3	10.0	(<u>.</u>	10.0	10,0
			<u> </u>							<u>ا</u>														
Month May											60 6			62.8	63.9	63.7	64.0	57.1	71.0	72.6	72.7	75,0	77.1	77.5
average 4yr (%)	78.0	79.3	80.5	80.1	81.0	61.3	79,6	75.6	72.1	69.5	66.5	65.7	63.2	92.8	63,9	63./	64.U	07.1	71.0	12.0	14.1	10.0		. 11.5
- A		1								1														Č
Month Jun	E.					-																		
average 4yr (%)	79,3	80.5	82.2	63.6	83.4	83.7	82,0	60.0	75.2	74.4	73.3	70.8	70.1	67,9	68,6	69.8	71.5	74,2	76,7	77.1	77,4	77.2	79,0	79,1
	<u> </u>				·		<u> </u>																	
Month Jul									~~~~~															
average 4yr (%)	76.4	76.5	77.9	78.2	79.2	79.3	78,6	74.5	71.1	67.9	65.9	63.0	61.4	61,6	60,2	61,7	63.5	65.8	71.2	73.0	73.2	73,7	74.0	74.5
	-			<u> </u>																				
Month Aug	<u> </u>																							
average 4yr (%)	80.5	61.7	83,5	84.6	83.7	84.1	83.1	80.8	78.4	76.4	75.0	72.4	70,3	68.2	68.9	70.0	72.4	75.0	76.6	77.3	78.5	78.9	80.5	80.9
																·								
Month Sept																			h					1
average 4yr (%)	72.4	73.8	74.7	74.0	75.2	74,5	72.6	69.9	66.9	64.4	62.5	61.2	58.3	59.8	59.7	61.1	62.4	64,7	67.2	68.2	59.0	69,9	70,6	71,0
													· · · · · ·						L		<u> </u>	·		
Month Oct	 										<u> </u>									<u> </u>				1
average Ayr (%)	70,1	71.0	70.8	71.1	71.0	71.5	70,6	66.6	62.8	60.1	57.2	55.0	54.Z	54.2	55,5	56.2	58.5	62.9	64,7	65.7	67.0	67.2	68.0	68.0
																								<u> </u>
Monih Nov											———											<u> </u>		
average 4yr (%)	63.8	64.0	64.4	64,4	63.3	62.2	61.0	57.8	54.4	51.6	50.3	48.2	46.8	47.3	49.5	46.7	51,1	55.2	56.0	57.0	59.7	60.1	60.8	60.4
																				<u> </u>				
Month Dec average 4yr (%)	71.8	72.5	72.0	72.3	72.2	71.5	70.9	68.7	64.6	60,9	58.9	58.0	57,9	57,0	57,1	57,7	59.6	62.7	64.8	65,3	66.9	68.3	68.2	69.2
miciage 4/1 (70)	1	L		····																				

Hourly Temperatu	re Data (*C) in Yea	r 2007	<u> </u>	[<u> </u>	ļ	<u> </u>			<u> </u>						<u> </u>							
1-Jan-00	1st hour 2 18.5	nd hour 18.3	3rd hour 18	4th hour 17.4	5th hour 16.9	6th hour 17.3	78h hour 17,3	17.7	Sih hour 19	10th hou 20.7	11lh hour 21.4	12th hour 21.1	13lh hour 22,2	14th hou 21.9	15th hou 21.7	16lh hour 21.5	17th heu 21.8	18th hau: 21.2	19th hour 20.3	20th haus 19,8	21st hour 20	2nd hou 19.2	23rd hou 20	24th hour 20
2-Jan-00 3-Jan-00	19.5	19,1	19.1 19.4	18.9	18.8	18.8	18.8	19,1	19.5 19.5	19,7	20,7	21.3 20.8	22 20.9	21.6	21.5	20.2	20.3	19.8	20.4	20 20.4	20 20.2	19.9 19.9	19.9 19.6	19.6
4-Jan-00	19.5	17.9	17.3	15,6	16.2	15.8	16,9	15.7	15.4 13.3	15.9	16.7 15.1	17.1	17.4	18.1	18.4	18.5	18.5	19.1	18.2	17.9	17.2	16.6 16.3	16.5 15.6	16.3 15,1
5-Jan-00 5-Jan-00	15.3	14.9	14.7	14.6	13.8	13.1	12.7	12.7	12.5	14.3 13.7 12.9	14.3	16.1	16.8	17,6	17.1	17.4	16.9 16.8	16.2 15.5	15.4	14.8	14.1	13.5	13.3	13
7-Jan-00 5-Jan-00	12.5	12.1	11.6 12.2	11.5	11.4	11.4	11,4	11.6	11.9 11.4	12.4	13.3	14.4 13.9	14,9	15.8	15.8	16.1	16.2	15.7	14.1	15	14.1	14.6	13.4	13
9-Jan-00 10-Jan-00	13	12	11.4 15.1	12.5	12.1	11.7 14.8	11.5	11.6 14.9	12.5	14	14.5	15.5	16,2	16.5	16.3	16.5 17.2	16.8	15.7	17.6	17.6	17.6	17.5	13.6	17,5
11-Jan-00 12-Jan-00	17.4	17.5	17.4 18	17.4	17,5 17.8	17,3	16.8 17.9	17 18	17.5 17.9	18.4 17.9	15.5	18.5	18,9 18	18,7 18.5	18.6	17.5	15 18.8	18.4 17.9	18.6	18.9 17.8	18.8	18.6 16.9	18.3 16.4	18.6 16.5
13-Jan-00 14-Jan-00	15	15.1 17.4	15.8 17.4	15.7 16	15,4 15.6	15.4 15.4	15.2 15.6	15.2 15.7	15.9 15.9	15.8 15.5	18 17.5	18.3 18.2	18 18,7	18,8 18.5	19,4 19,1	19,9 19.3	19.4 18.4	18.6 17.8	17.6	17.3 18	17.4	17.8 18.5	17.5 17.7	17.4 18,2
15-Jan-00 16-Jan-00	17.9	18 19.3	17.9 19.2	17.7	17.5	17.9 19.5	17.3 19.3	17.A 19.9	17.9 20.9	18.6 20.3	19.6 20.9	20.8 21.1	21.8 22.5	23,3 22,9	21.9 22.8	21,3 23,4	20 22.9	19.7 22.6	20.1 22.7	20.1	21.1 22.7	20.2	19.5 21.5	19.6 21.4
17-Jan-00 18-Jan-00	20.4	20 13.6	19,9 13.6	18.9	18.7 13,4	18,4	17,7 13,3	17.9 13.2	17.5 14	17 <u>.2</u> 14.7	17.3 14.9	17.2 15.8	16.6 15.4	16,3 16,8	16.3	15.8 17.9	15.2 17.9	<u>15.4</u> 17.5	14.6 17.5	14.3 17.7	13.8 16.4	14.1 15.8	13.5 16.1	13.9 16.2
19-Jan-00 20-Jan-00	16.2	16.1 16.9	16 16.8	15.9 16.5	15,8 15,9	15 16,4	15.1 16	15.1 16.4	15.3 17.5	15.5 17.7	15.5 17.5	16.1 17.9	17 18.4	17.1	17.3 18.6	17.1 18.8	17 18,4	17.1	16.5 18.5	16.8 18.6	16.6 18.5	16.4 17.5	16.5 18	17.6
21~Jan-00 22~Jan-00	17.1	17.2 14.3	17.1 14,5	15 14.7	16 14,7	16 15	16.2 14,7	15.9 15.1	15.5 15.6	15.6 15.4	15.3 17.1	15 17.3	14.5 17.9	14.4	14.1 18	14.3 16.6	14.3 16.5	14.2 16	13.7 15.6	14.1 15.2	14.6 15.2	14.6 15.1	14.6 15.2	14.7
23-Jan-00 24-Jan-00	15.6	15.9	15,4 12,4	15.6 12.1	15.6 11,8	15.9 11.7	16,1 11.6	15.8 51.8	1 <u>6.3</u> 12.4	15.8 12.8	15.3 13.6	15.2 13.9	15 14.8	15.7 15.6	16.2 15.8	16.9 15.3	16.5 15.4	17.3 15.5	16.9 15.3	15.3 14.1	16 13.2	15,4 13,7	14,5 13,5	13.8 14.1
25-Jan-00 26-Jan-00	13.8	12.8	13.5 12.5	13.8 13	13.5 13.7	13.6 13.4	13.2 13	12.7 13.2	13.4 13.8	14 14.4	14.3 14.9	14.4 16	14.4	14.8 16.3	15.5 16.8	15.8 16.7	15.8 17.1	<u>15.7</u> 17.4	15.7 17	15.9 16.6	15.6	14.2 14.3	14	14.8 12.3
27-Jan-00 28-Jan-00	11.4	11.1	10.6	10.5 14.5	10.5 13.9	10.8	11.1 13.7	11.3 13.6	12.2	12.9 14.7	13.8 15.9	14.9 16.8	16.5 17.7	16.7 19	17.4 18.5	17.7 19.2	18.8 18.4	18.3 17.9	17.6	17.5 15	17.2	16.8 16.2	16.4 15.4	16.2 15.2
29-Jan-00 30-Jan-00	14.5	13.6	13.5 14	11.2 13.6	11.2	10.4 11.5	9.8 11.7	10.2	13.7 15	14.9	16 16.5	17.2	17.2 18.2	17.9 19.3	18.3 19.3	18 19.9	17.6 19.9	15.3 17.7	14.2 16.9	14.2 16,7	13.2 16.3	12.3	12.9	14
31-Jan-00	15.1	14.1	14.1	12.7	13.3	12.6	13.4 17.6	16.2 17	18.2 17.3	19.1	19.7 18,6	20.6 19.8	20,5	21 19.7	21 20.3	20.4 19.7	20 20.2	19 19.4	16.8 19.1	17.6 18.3	16.5 16.5	17 17.1	16.1 16.1	17.2
1-Feb-00 2-Feb-00 3-Feb-00	15,5	15.7	15.1 13.4	14,7 12.2 14.2	14.2 12 13.8	11.5 13.6	11.2	17 12.8 14.1	14.8	15.8 16.8	17.1	17,4	17.5 19	18.4	18.8 18.4	19.5 18.5	19 18.5	17.7	15.2	15.4 15.3	15.5	14.5	15.1 15	16.7 16.1 15.9
4-Feb-00	15.3 15.1	15.1 15.2	14.8 15	14.2 15 17.7	13.8 14.7 17.1	13.6	14,6 16.6	14.5 14,5 18	15.2	18.3	20.3	20.4 22.5	21.5 22.1	21 22,5	19.9 21.4	18.5 19,9 22.2	19.9	19,6	20	19.3 19.7 19.6	18.5	18.3	18,3	18.7
5-Feb-00 6-Feb-00	18.1	18	17.7	16.8 19.5	16.9 19.4	16.9 19.8	16.8 18.8	17.6	19.1 19.3 20.9	20.9	21.4 21.3 24.8	22.5 21.5 24.6	22.1 22 24.5	22.5 22.4 25.4	22.6 24.6	22.8 25	21.2 22.8 24.5	20.3 22.8 23	21.6	20,7	20.7	20.5	20.4 21.5	21.1 21.5
7-Feb-00 8-Feb-00 9-Feb-00	20.1 21 22.2	20.1	19.4 21.2 20.9	20.4	20.5 20.4	19.8 19.8 20.2	20.1	20.1	20.9 21,2 20.5	21.3	24.d 22.3 24.7	24.0 24.1 25.1	25.4 24.5	25.4 25.2 25.4	24.6 25.4 25.7	25.1	24.5 24.8 24.7	24.2 23.8	23.4	23.4	23.4	23	21.5	22.5 22.5 21.3
10-Feb-00	21	20.5 20.2 20.5	20.3	19.5 19.9	20.4 20.2 19.9	20.2 20.1 19.5	19.9 19.5	20.4 20.2 19.5	20.5	22.3 21 19.8	20.7 20.8	20.7	24,5	21.4	23.7 21.9 21	22.1 20.5	21.7 20.1	21.5 19.6	21.6	21.4	21 19,7	21.4 19.6	21.5 21.5 19.7	20,7
11-Feb-00 12-Feb-00 13-Feb-00	20.9 19.9 20.9	20.5 19.4 20.8	20.2 19.2 20.4	19.9 19 21.5	18.8	19.5 19 21.6	18.5 18.5 21.4	19.5 18,6 22.2	19,5	20,3 22,4	21.7 23.4	22.5	23.2	23.6	23.2	20.5 22.8 24.3	22,1 23.7	21 23.2	20.5	20.7	19.6 21.9	20 21.6	20,1	21 22.2
14-Feb-00	21.6	21.8	20.8	20.4	21.1 19.4	20.4	<u>19.7</u> 19.4	20.8	22.3	23.2	23.2	22.9	23	23.4	23.7 19.8	24.3 20.3	23.5	23	22.9	23 20.2	23.1	22.3	23 20.7	22.2
15-Feb-00 16-Feb-00 17-Feb-00	21,4 20.3	19.9 22.1	21.5 19.8 22.4	18.9	18.8	15.8	19.4	20	20.9	21.5	22.7	22 24.3	22.6 24.1	23,9	23.6	23,6	23.2	22.1 24.1	22 23.6	21.8 24,3	21.8	22 23.9	21.8	22.5
18-Feb-00	22.5	24.2	23.8	22.8	22 15.8	22.2	21.8	23.1 19.5	23,4	22.8	24.4	25.1 21.4	24.9	25.4 20.5	25.2	24.7	24.3	24.4	24.3	23.3	20,6	19.9	20.1	19.7
19-Feb-00 20-Feb-00	19.6 19.4	19.4	19,4 19,2	19.1 19.2 19.9	19.0 19.2 19.7	19.5 19.2 19.8	19.2 19.8	19.6 20.2	20.2	20.9	20.5	22.1	22.5	20.5	22,6 22,4	21.9	21.9	21.1 20.6	20.4	20.5	20.5	20.6	21 19.3	20.9 19.6
21-Feb-00 22-Feb-00	20,4	20.4	20.2	19	19 17.6	19,1 18,3	19.4 17.5	19.6 19.3	19.8 20	20	19.6 23.4	19.4 23.5	18.6	18.8	19.2 22.3	19.5	19.6	19,8	20.2	20.4	20.1	20 20.8	19,9	19,4
23-Feb-00 24-Feb-00	19,3	19.7	18.2 19.9 19.5	18.2 19.4 18	19	19 18.9	19.1 18.7	19.4 19	19.7	20 20.2	20.3	21.2	20.7	20.3 22.9	20.6	20.1	19.9	19.7 22.5	19.4 21.3	19 <u>.9</u> 21.6	20	19.7	19.9	20.1
25-Feb-00 26-Feb-00	19.7 20.2 19.1	19.8 19.9 18.7	19.5 19.1 10.3	19 17.9	19.1 17.5	18.9 17.3	18.6	19.4 17.9	20.1	20.8	21.2	22.9	22.3 21.9	22.3 22.3	22.1	21.2 21.8	20.2 22	19.9	19.6	19.5	19.4 19.7	19.7	19.5	19.4 20.3
27-Feb-00 28-Feb-00	19.6	19.7	19.7 19.5	19.4 19.3	19	19.2 19.3	19.3	19.3 20.1	19.7	20.6	22.3	22.7	22.7	22.3	23.1	22.2	22.3	21.3	21.1	20.6	20.6	20.6	20.3	20.4
1-Mar-00 2-Mar-00 3-Mar-00	20.7	20.5	20,2	20.3	20.4	20.7	20.7	21.3 21.7	22,1	23.3	24.1 25.2	24.8 25.9	25 26.9	25 26,9	25.5	25 25,6	25 24.9	23.8	22.8 23.8	21.3 23.4	21,3	21.6 23.2	21.5	22.2 21.9
4-Mar-00 5-Mar-00	21.8	21.5	21.8	21,7	21.4	21.5 22.5	21.8	21.9	22.1	22.1	22.7	24.3 23.4	24.9	24.6 22.9	25.1	24 22.2	24.5	24 22	23.7	23.4	22.9	23	22.4 19.2	22.9 19.6
6-Mar-00 7-Mar-00	18,4	18	17.8	17.4	17	15.8	10.1	15.8 10,7	15.5	15.4	15.7 12.2	15.1 12.4	15.5	15.4 12.6	15.4 13.3	15.4 13.9	15.1	14.7	14.6 12.9	14.4	13.8 13	13.1	13.1	13.2
8-Mar-00 9-Mar-00	13.8 14.3	13.2	13.1 13.3	12.5	12	12.2	12.1	12.4	12.2	12.8	13.8	14 16.3	14.7	14,8 15.9	15 16.2	14.7	14.7	14.4	14.4	14.3 17.8	14.1	14.2	14.1	14.4
10-Mar-00 11-Mar-00	18.1	16.7 17.4	17.2	15 16,9	18 17	18.5	18.1 17.8	19.2	17.4	18.4	19.2 17.6	19.3 16.7	19.9 16.8	20.1	20,2	20.4	20.2	19,9 18.5	20.7	19.1 18,5		18,3	18.1 18	17.5
12-Mar-00 13-Mar-00	17.9	17.6	17.5	17.4	17.2	17.3	17.5 19.2	17.7	17.8	18.2	18,6	18.9	18.9	19.2 23.9	19.9	19.5 23.5	19.7 23.3	19 23.1	18.7 21.3	18.8 21.4	19	18,8 21.6	19.4 21.4	20 21.7
14-Mar-00 15-Mar-00	21.4	21.5	21.5	21.4	21.2	20.9 23.4	20.8 22.7	21.3	21.8	23.6	24.4	24.4 24.8	24.3 26.3	24.5 25.8	22.9	22.4	23.2 25.1	22.6	23.2 24.5	23,4 24.5	22.8	23 24.3	22.7 24.3	23.4 24.2
16-Mar-00 17-Mar-00	24,3	24 23.2	24 22.1	23.9	23,8 20.6	23.7	23.9	24.6	24 20,3	25.1	25.3 19.8	25.7 20.1	25.9 19.9	25.9 19.8	25.9 19.5	25.6 19.5	25.1 19.5	24.5	24.4	24.4	24.3 19.2	24.2	23.8 18.1	24.4
18-Mar-00 19-Mar-00	18.7	18.5	18.4	18.7 14,8	18.6 15.1	18.5 15.4	18.4 15.9	18.4	19 16.7	19.3 15.3	20	20.8 18.6	21.9 19,9	21.4 19.6	20.7	20.7	19.9 21.1	19.6 20.5	19.5 19.9	19.6 19,3	19.7	19.5 17.1	19.4 16.3	19,4 15,9
20-Mar-00 21-Mar-00	15.1	14.9	14.8 18	14.3	14.1 18	14 17.9	13.9 17.6	14.3 17.8	14.9	15.2 19.1	16.8 20.1	17.5 21.9	18.5 22.4	18.2 22.2	18,9	18.8 21.6	19,3 22	20 20,4	18.2	18.5 19.5	18.4 19.4	16.9 19.5	17.4 19.4	17.8
22-Mar-00 23-Mar-00	19.5 20.7	19.2 20.4	19 20,4	18.6 20.3	19 20.2	19 20,4	19.3 20.3	20.6 20.5	20.6	21.2	21.5	22.1 24.6	22.Z 24.4	22.6 24.9	22.8 25.2	22.2 24	22.5 23.2	22.1	21.7	21.6 22.5		20,9	20.8 21.9	20.9
24-Mar-00 25-Mar-00	21.6	21.4 21.9	21.3 22.1	21.5	21.5 22.5	21.6 22.1	21.8	22.6 23.1	22.7	23.1 25	24.7 24.8	25.5 25.8	24 25.8	23.7 26.2	23.3 26.8	24.4	24 26.8	24.8 25.7	23.5 25.3	23.3 24.9	24,5	23.4 24.9	22.5 24.6	23 25.1
26-Mar-00 27-Mar-00	25.1 26.2	24.4	24.2 25.7	24.4 25.1	24.7 25.8	23 25.8	23.5 25.6	23.4 25.4	23.1 25.3	24.3 27.8	23.8	24.8 28.2	24.5 29.7	24.9 28.6	25.7 25.7	25.5 24.1	25,7 23.9	25.4 24.4	25 24	25.1 23.7	25.2 23.9	25.7 24	25.4 23.9	25.5 23,4
28-Mar-00 29-Mar-00	23.9 23.2	23.5 23.4	23.7 23.5	23.6	23.2 23.1	22.3 22.4	21.9 72.7	22 23.7	22.2	23 25.3	23,6 26.7	24.8 26.8	24.6 26.5	25.3 27.1	23.9 27.3	23.7 26.8	22.9 26,7	23.1 26.3	22.7 25.5	23.2	22,9 24.7	22.9 24.7	23.2 24.7	23.3 24.7
30-Mar-00 31-Mar-00	24.3 25.8	23.8 25.6	23.5 25.7	23.8 25.4	24.3 25.1	24,4 25.1	24.4 25.4	25 26.5	26.4	27 27	28.1	27.6 27.5	27.7 28,1	27.9 27.6	26.9 28.1	27.5 27.4	27.1 27.1	26.8 26.7	26.4 26.5	25.2 25.2	26.2	25.8	25.7 26.6	25.7 25.9
1-Apr-00 2-Apr-00	25.8 27.1	25.7	25.7 27.2	25.6 25.9	25.5 25.7	25.2 25.9	25.4 26	25.8 26.4	26,2 27	26.5 26.4	27,2 26.6	27.8 27.6	27.8 22.9	28.4 22.5	28.1 22.2	27.8 22.3	27.4 21.9	26.7 21.6	26.8 22.5	26.8 20.9	26.0 19.4	27.1 18.5	27.2 18.2	27.1 15.7
3-Apr-00 4-Apr-00	17.2 12.5	17.3 12.6	17.2 12.5	17 12.6	16.5 12.5	16,7 12.4	16.6 12.6	16.5 12.9	16 13.5	16.4 13.9	15.7 14	16 14.3	15 14.5	16 _14.6	15.3 14,8	15.5 14.9	15.1 14,4	15.2 14.5	14.1	14.1 14.1	14,3	13.7 14.6	13.6 14.8	13.5 14.9
5-Apr-00 6-Apr-00	14 <u>.9</u> 16.1	14.9 15.8	15 16.1	14,9 16,1	_14.8 16.2	14.9 15.6	14.9 17	15.4 17.6	15.7	16.2	16.1 17.6	15.1 17.8	16.2 18,8	16.6 18.8	16.3 18.9	16.3 18.8	15.6 18.9	15.1 18.8	15.3 18.8	15.1 18.2	15.6 17.9	15.9 17.7	15.9 17.3	16 17
7-Apr-00 8-Apr-00	17	16.5	16.3 17.2	16.4 18	15.5 17.9	16.7 17.7	16.7 17.9	17.1	18	18.9 18.3	19 19.1	19 19.7	19.3 20.7	19.2 20.4	19.5 20.6	19 20.5	18.7 20.7	18.6 20,5	19 20.9	19 20.8	18.9 20.8	18,3 20,4	17.8 20.2	17.6 19,4
9-Apr-00 10-Apr-00	19.3 21.3	19.4 20.8	19.5 19.7	19.4 19.2	19.Z	19.2 18.4	19.6 18.8	20.1 18.8	21.9 19.3	21.6	23.1 19	24.6 18.3	24.1 18	24.5 18	24.5 18.7	23.9 19.1	23,2 19,4	22.4 20	22 19.3	21,4 19,4	21.2 19.3	21.2 19.3	20.8 19	21.1 19.8
11-Apr-00 12-Apr-00	19 20.2	19.1	19 19.7	18.9 19,8	18.9 19.3	18.6 19.2	18.5 20.1	19.3	19.7	20.3	21.9 24.7	22.4 24.6	22.5 25	22.4 25.3	22.5 25.7	22.8 25	23.4 24.5	22.2 23.2	21.4	21.1 21.8	20.9	20.5 20.5	20.6 20.2	20.5 20.3
13-Apr-00 14-Apr-00	19,7	20.5	20 21.5	18.5	18.7	18.7	20.1 21.9	21.2 22.8	22.1 25	22.6 25.3	23.8	24.2 25.8	24.8 26.1	26 26.4	25.7 26,5	26.6 26.7	25.8 25.7	25.7 25.2	24.2	24.1 23.8	23.2 24.3	23.5 23.6	22.9 23,5	22 23.8
15-Apr-00 16-Apr-00	22.9 24.9	22.7	22.5	22,5 23.6	22.4 23.3	22.6 23.1	23.2 23.9	24.1 24.7	25.4 25.3	26.2	27.4	28.3 28.4	28.3 29.6	28.1 29.4	27.8 29.1	28.3 29.4	28.5 29.3	27 27.6	25.7	25.6 25.5	25	24.8 25.9	24.4 25.4	24.3 25.5
17-Apr-00 18-Apr-00	24.7	24.6	25.3 20.2	24.5 19.2	25.2 18.9	25.6 18.2	25.8 18	26.4 18,7	25.1	26.2 20.7	26.4 21.7	26.8 22.7	28,3 23.8	28.5 24.8	28.3 24.8	28.8 24.4	27.2 24.3	27.3 24.4	27.3	27.4	21.1	21.5 22	21.4 22.2	21.6 21.7
19-Apr-00 20-Apr-00	21.4	21.2	20.9 21.5	20.9 21.3	20.6 21.4	20.6 21.4	21.5 21.8	22.4 22.9	23.5 24.6	24.5	25.5 25.9	25 26.4	25.7 26.4	25.5 27.6	26.1 26.8	24.3 26.8	24.4 26.7	23 25.9	22 24.9	21.5 24.6	21.6	21.4 24.2	21.3 24.3	21.8 24.3
21-Apr-00 22-Apr-00	24.5 25.9	24.B 25.6	24.8	24,5 25.4	24.7 25.1	24.4 25.3	25.2 25.5	26.5 26.1	26.6	26.6	27.2	26.8 28.8	26.9 27.7	26.7 28.8	26.4 28.8	26.8 28.5	26.4 26.9	26.2 27.8	25.9	25.1 27	25.2	26.3 27.3	25.7 27.4	25.9 27.4
23-Apr-00 24-Apr-00		27.3	27.2 25.9	27.3	27.4 26.1	27.6 26,2	27.7 26.5	23.5 27.4	24.3 27.4	25.1 27.3	24.8 21.5	26.3 21.7	26,4 22.5	28 23.3	26.4 23.2	25.4 24.4	25.5 23.7	25.5 23.2	25.6	25.7 23.1	26,5	26.4 23.3	26.7 22.2	27.3 22.2
25-Apr-00 26-Apr-00	21.8 21.3	21.8	21.6 21.5	21.5	21.4	21.4 21.7	21.2	21.4 22.6	21.9	21 24.9	20.8 25.3	20.6	20.8 27	19.7	20.5 27.4	21.2 27.2	20.9 27	20.9 25.8	20,7	21 24.7	20.8	20.8 23.8	21.1 23.4	22 22.5
27-Apr-00 28-Apr-00	23 24.4	22.6	22.7	22.7	22.6	22.7	23.2	24.4 23.3	25.1	26.8	27.2	28.7	29.1	29.3	29.3 27.9	28.7 27.8	28.7	27 26.9	25.8	25.5 24.3		25.1 24	25.2 23.7	25.2 24
29-Apr-00 30-Apr-00	23.5	23.4 23.4	23.2	23.1 22.9	23 22.9	22.9 23.1	23.2	23.9	23.8	24.5 23.8	24.3 23.4	24.5 23.7	24,8 23.6	25 23.6	25.1 24.6	24.6 25.1	24.6 24.9	24.2 24.6	23.6	23.7 24.7	23,9	23.8	23.6 24.4	23.8 24.1
1-May-00 2-May-00	24	23.7 23.4	23.7	23 22.4	22.5	22.7	23.3	24.5	25.7	26.1	27.7	27.2 28.7	27.5 29.4	28.5 29.6	29.9 29.6	29.2 29.2	29.5 29.2	28.9	26.9	25.1	25.6	25.6 24.7	24.9 25	24.6 24.9
L 2-May-00	ا الانعى	23.4	له, شره	4.4		ابتعبه		a				~~	-9.9										l	ا

1	st hour 2nd ho	ur 3rd hou	4th hour	5th hour	6th hour	7th hou	r 8th hour	91ի հօա	10th hou	111h hou	120h hou	13th hoi	14th hou	15th hou	16th hou	սիշրի հու	utitikih hou	191h hou	v/20th hou	21st hou	22nd hou	23rd hour2	4th hour
3-May-00	24.9 24.5 25.2 25.2	24.2	23.5 24.8	22.7	22.2	23.4	24.8 25.3	25.6 26.1	26.1 25.9		27.7 24	27.6 24.2	28.4	27.5	28 24	28.7	27.5	26.6	26.5	25.7 24	25.8	25.4 23.5	25.3
5-May-00	24.4 23.5 25.4 24.7	23.8 24.8	24 25.3	23.6	23.6 24.2	24.1 24.2	24.7 25.4	23.8 25.8	24.3 26.8	23.9 27.2	24.6 28.1	25.6 29.2	25	26.4 29.7	26,9 29,5	27.1	26.3	26.4	25.6	25.3 26.4	25.2 26	25.4	25.6 23.9
7-May-00	23.7 22.8	22.3	22.5	22.8	21.3	23	25.5	27.5	29.2	29.5 28.4	29.9	32.5	32.5	32.6	32 30.2	31.7 29.3	30,5	29.5	28.7	28.6 25.8	25.7 25.4	26.4 25.1	25.5 25
9-May-00	24.9 24.3 25 24.8	23.9 24.8	24 24.8	23.7 24.8	23.5 24.7	24.3 25.8	25.6	27.5	27.9	29.2	29.7	29.8	30,4	29.3	28.5	28	27.1	26.8	26.5	26.2	25.1	25.9	26,2
	25.9 25.7 25.6 25.2	25.9	25.7 25	25.6	25.7 24.9	26.1 24.6	27.1 25.1	28.7 25.6	28.6 26.3	29.4 28.5	30.3 29.4	30.1 29.6	30.1 29.8	30.8 29.5	29.7	29 28.5	28.1	27.5 27.2	27.1 26.7	27.5 25.2	27.4 26.2	26.6 25.6	26.4 25.9
	25.7 26.1 26.3 26.4	25.8	25.6	25.6	25.6	25.7	27.1	27.8	28.3	27.9	29.1 28.7	29.5	29.7	29.8 28.6	29.7 29.3	29.3 28.8	28.6	28.4 25.8	27.8	27.1 25.8	26.5 25.6	26.5	26.4 25.5
14-May-00	25.3 24.7 25.6 25.4	24.7 24.8	24.6	25.1 24.9	24.5 23.9	25.3 25.6	26.5	27.1 28.2	26.1	28.2	29,3 29,3	28,9 30,5	30,3	29.3 30.2	29.3 30,5	29.5 30	28 28	27.4	27.1	26.9 28.7	26.6	26.2	25.8 26.3
16-May-00	26.5 26.5	27.2	27.5	26.3	26.6	27	27.8	29 27.6	29.7	31	32.3	32.5	32.7	32.5 32.7	32.6 31.8	31.9	<u>30.1</u> 31	29.7	29.1 29.3	28.6 29	28.6	28 28.6	27.4 28.6
18-May-00	27.6 27 28.1 28.5	26.1	27.8	27.8	27.6	28.1	28.3	29.8	30.4	32.2	32.5	34.1	33.8	33.6	31.9	30.8	24.1	25.1	25.8	25.4	25.5	26	25.1
	25.9 25.2 23.8 23.9	25.4 23.8	25.7 23.9	25.9 24	25.9 23.1	25.1 22.5	26.2 23.1	27.1 22.8	28 22.5	29 22.4	28.9 23.1	28.3 22.9	28.9 23	25.1 23.3	24.3 24.1	24.5 24.6	24.4 24.2	24.1	24.2 24.3	24.5 24.3	24.8 24.2	24 24.3	24
	24 23.9 25.4 25.2	24 25.4	24 25.7	23.4 25.4	23.7 25.3	24.1 25.5	24.9 25.5	25.3 26	25.6 25.6	25.5 25.7	25.5 25.2	25.1 25.7	24.4	24.6	24.5 28.1	25.2	25,4	25.3 26.9	25.1 26.9	25 27.4	25.2	25.1	25.2 27.6
	27.4 27.1 28.6 28.3	28.6	26.8 28.2	26.8 27.7	26.9 27.8	27.4 28.8	27.9 29.3	28.5	28.7	29.7 31.8	31.1 32.2	32	31.8	31.4	30.8	30.2	29.8	29.4	29.1	29.1	29.3 29.8	26.9 29.7	29
25-May-00	29.5 29.2 29.6 29.5	29.3	29.2 29	29	29.1 28.9	29.7 29.4	30.2 29.8	31.2 30.8	31	31.4 31.6	31.1 31.5	32.5 31.4	32.9 31.3	33 30.8	33.3 30.8	32.6 30.8	31,4 30.6	30.6 29.9	30.3 30	30.1	29.9 30.2	29.6 29.5	29,5 29,7
27-May-00	29.3 29.1	26,7	26.6	24.9	26.5 26.9	26.7	26.9	28.1	29.5	30.4	30,6	31.1	26.7	25.5	25.6	25.3	25.6 28.9	26.4 28	26.4 28.8	27 28.2	26.8 28.6	27 28.3	26.4
29-May-00	26.5 26.7 28.2 28.2	26.5	26.6	27.3	27.5	28.5	29.4	30.5	30	30.4	31	30.5	30.9	32.4	32	31.6	32.4	30.5	29.7	29	28.7	28.9	28.7
31-May-00	28,3 28.1 28.9 28.7	28.1 28.6	28.2 28.5	27,7	27.8 27,6	29.3 26.7	29.8 26.4	31 26.8	27.7	31.1 29.1	31.7 30	31.9 30	32.8 30.6	32.5 30.7	32.4	31.4 31.2	31.1 30.2	29.8	29.6	29.3 29.4	29.8 29.5	29.3 29.5	29,4 29.9
	29.7 29.2 29.3 29.1	29.3	29.2 28.8	29 26.9	29.2 28.3	29.9 29.3	30.3 29.8	31 30.2	31.2	32.1	32.4	33.1 32.2	33.4 33.1	33.2 32.2	32.4	31.8	31.1	30.2 30.9	30 30.6	29.9 30.2	29.9 30.1	30 30.1	29.2 29.9
	29.7 29.5 29.8 29.4	29.4 29.4	29.1 29.3	29,2 29,1	29.1	29.7 30.1	30.3	31.6	31 32.1	32.1	32.8	33.3 33.2	33.3 33.2	33.7 33.1	32 33.2	32	31,8	30.7 30.4	30.2 30.1	30 30	29.9 29.9	29.9 30.2	30
5-Jun-00	29.6 29.5 29.3 29	29.2	28.7 29	28.6 28.9	28.8 29.2	29.4 29.7	29.8 30.3	31.1 31.1	31.6 31.1	32 29.3	32.9 31.9	33.2 32.4	33,4	33,1 31.8	33.1 30.9	31 31.1	30.5 30.5	30.2 30.5	30 30.2	30 30	29.7 30.1	29.5 29.9	29.5 29.9
7-Jun-00	30 29.9	29.1 29.7	29.3	29	29.2 29.6	27	29 29.7	29.8	30.5 25.2	29.9	30.2	30,2	30,4	30.7	31 27.5	30.8 28.6	30.3 29.5	30.3	30 29.4	29.9 29.7	30 29.7	29.9 29.5	29.8 29.6
9-Jun-00 1	29.6 29.4	29.4	29,2	29.5 29.1 24.7	29.0 29.1 25.3	'29,5 26	29.8 25.5	26.7 30.7 26.7	25.2 31.1 25.8	20.1 32 26.2	25.7 31.7 25.5	31,1	30.5	30.3 25.5	30.5 25.7	27.4	27.7	27.9	29.2	29.7	29.6	29.8 26.8	29.7
11-Jun-00	29.6 29.5 27 26.8	22.9	24.5 26.7	27.2	26.8	27.1	28	28	28.4	28.9	29.4	25.2 30.2	30.1	31,1	31.1	29.9	29,4	29.4	29.2	29.1	29,2	28.7	28.7
13-Jun-00 2	28.5 28 28.7 28.5	27.9	27.7 28.6	27.7 29	27.6 29.1	28.1 29.6	28.7 29.9	28.7	26.6	28.8	29.6 31.6	30,5 32	30.5 32.6	30,4	29.8 31.1	29,5 30.6	29.2	28.3 30.2	26.8	27.4	27.9	27.9	28,5
15-Jun-00 2	27.3 27.2 25.7 26	27.9 26.3	24.8 26.1	25.4 26.2	26.3 25.5	27.6 24.9	28.4 25.9	27,4	27.1	27.2	27.8 28.5	26.9 27.9	27,5 28.5	28.7 29	28.7 29.4	28.2	27.2	25.5	25.2	25.8	26 28.1	25.1	26.2
16-Jun-00 2	27.1 26.7 28.3 28.6	27	26.7 27.9	27.2 27.7	26.6 26.8	27.9 27.7	28.5 29.1	28.6 29.3	29.1 29.8	30.2 30.4	29.4 30.9	30.5 29.4	30.5 30.2	30.8 30	29.7 29.5	29,7 29.4	29,2 28.9	28.9 28.7	28.7 28.4	29.1 28.1	29.1 28.1	28	28.9 27.5
18-Jun-00	27.4 27.4 28.2 27.9	26.9 26.1	25.9 28.1	26.7 27.8	26.9 27.4	27.1 28.5	28.5 29,3	30.7 29.5	31 31	30.9 31.6	31.1 31.2	32.2 31.4	31,6	32 32.6	30.7 32	29.6 32.2	29.1 31.7	29.1 30.2	28.7	28.7 29.5	28.4 29.2	28.5	28,7 29,9
20-Jun-00 2	28.7 28.5 29 29.3	28.7	28.2 28.6	27.8 28.2	27.7 28.1	28.1 28.9	29,6 29,2	<u>31.3</u> 31	31.6 31.7	31.1 31.1	<u>31.4</u> 31.4	31.8 32.2	31,9 32.6	32.7 32.4	32.5 32.5	31.9 32.5	30.6 31,5	29.9 30.6	29.8 30	29.8 29.7	29.6 29,5	29.2 29,4	29.1 29.2
22-Jun-00 2	29.5 28.9	28.7	28.9	28.7	28.8 28.3	29.8 29	29.1 29.8	30.5 30.4	30.6	31.4 31,5	31.8 33.2	32,5 33,4	32.7 33.1	33.3 32.8	32.5 32.9	31.6 33.1	31 31.5	30.1	29.8 30.4	29.5 30.4	29.2	29.6	29.2 30.1
24-Jun-00	30 30	29,7	29.7	29.4	29.6 29.3	30.2 29.6	30.6 30.2	31.1	31.6	32.3 32.7	34 32.7	34.1 33.5	34.8	34.1 33.9	34.2	32.5	31.3	30,9 30.6	30.4 30.3	30.5	30.6	30.2	30.1 29.7
26-Jvn-00 2	30 30.1 29.9 29.3	29.9 29.3	29.2 29.1 27.2	29.1	28.9	30 29,1	30,9	30.7	31 29.7	32.7	33	32.2 30.5	33.2 30.4	32.6	32.3 31.2	31.6 30.5	30.2	26.6 29.8	29.4 29.6	29.4 29.7	29.4	29.5	29.3 26.8
28-Jun-00 2	29.5 29.2 27.1 27.1	29.4	27.2	28.2 27 25.7	27.5	27.6	27 27.2	25.3 28.8	26.3 29.4	26.9 27.7	27 28.5	26.9	27.1	27.1	27,8	28,1	28.1	27.7	27.7 27.3	28.2	28,2		27.8
30-Jun-00 2	27.6 27.6 27.5 26.7	26.9	25.7	27.6	26.7	26.9 28.1	27.2	28.5	29,8 28.5	26,4 28.7	27.7	28.9 26.2 29.8	28.1	27 29.2	27 28.9	26.6	26.2	26.5	27.2 28.6	26.8	27.5	24.7	25.5
2-Jul-00	26.1 26.8 28.7 29	27.4 29.1 27.5	26.7 28,3 28.2	26.8 28.4 28.4	27.5	27.7	28.8 29.5	30,3	30,8	31.1 31.5	31.8 32.9	32.3	32.5	32 31.2	31,7 31.6	26.6	26.6 30.6	26.6 30.3	26.1 29.6	27.1 29.5	26.9 29.4	27.3	27.3 29.5
4-Jul-00 2	27.7 27.7 29.2 20.8 29.4 28.6	28.7	28.8	28,9 29	28.7	28 28.7	29.9 29.2	30.7 30.2	31.2 30.3	31.6 30.3	31.8 30.5	32.4 30.2	31.6 30,5	32	30.3 30.9	<u>31.1</u> 29.4	31,2	29.8 29.5	29,6 29.2	29.9 29.6	29,4	29.2	29 28.9
6-Jul-00	29 29.2	29.2	29.2 29.1	28.9	28,4	28.7	27.9 30	28.9	30,1 30.9	29.7	30.7	29.1 31.8	30.6	31 32.5	31.1 32,1	31 31.7	30.6 30.9	29.8 29.9	30 29.7	29.8 29.6	29.7 29.9	29.5	29.6 29.9
8-Jul-00 2	29,4 29.7	29.7	29.3	28.6	28.9	30 29.6	30	29,8 30.8	30.7 31.2	31.4 31.1	31.9	32,3	31.8 33.4	32.8	31.7 32.9	<u>31.4</u> 32.4	30.9 31.2	30.7 30.6	30 30.2	29.9 29.9	29.7 29.8	29,6	29,3
10-Jul-00 2	29.3 29.2 29.3 29.2	28.7	28.4	28.0	28.8	29.5	30.2	30.7	31.3 30.9	31.5	32.2 33	33.1 33.3	33,4 33,4	33.7	33.2	32,6	32.1 32.9	30.7 32	30.5 31	30,1 30,1	30.1 29.9	29.7	29.6
12-Jul-00 2	29.4 29.2 29.5 29.5	29.1 29.1	29 29.1	28.9 29.4	28,7	29.5 29.4 29.6	30.1 30.2 30	30.9	31.5 31.6	32.1	32.9 33.8	33.4 33.7	33.9 34,3	34.1 34.3	34.5 33.9	34.2 33.1	33.5 32.5	31,9 31.2	30,8 31	30.6 30.6	30.7 30.1	30.5	30.1 30.8
14-Jul-00 3	29,9 <u>29.6</u> 30.2 <u>29.7</u>	29.3	29.5 29.7	29.8	29.4 29.7 29.2	30.1 29.6	31.2 31.1	31.1 32.2 31	32.5	32.6 33.4 33.3	33.6 34.3	34.8 32.4	34.9 33.1	34.8	33.5 33,3	32.9	32.3 32.3	31.6 31,1	31.1	30.9	30.9 31.5	30.6	30,7 29.4
16-Jul-00 2	30,6 30.5 29.7 29.7	30.2	30.2 29.2	30.3 29.6	29.5	29.8	30.4	31.3	31.7	32.3	32,4	33,3	33,4	33,3	33,1	32.2	31.9	31.3	30.6	30.8	30.5	30,5	31
18-Jul-00 2	28.1 29.9 29.9 29.9	29.8	30 29.5	29.5 29.5	29,9 29.3	29.7 29.8	30.9 30.1	31.1 31.1	31.5 31.9	31.9 31.9	32 32.4	32.9	30.9 32.1	31.8	32.3	31.3	30.9 30,7	30.8 30,6	30,3	29.7	30.1 30.1	30.1	29.9
20-Jul-00 2	29.5 29.7 29.6 29.5	29.2 29.3	29.5 29.1	29.4	29.3 29	29,8 29.5	30,6	31.3	31,8	32 31.6	33 32.9	32.1	32.6 33.3	33.2	32.1	31.7 31.6	31.3	30.5 30.5	30 30.2	29.9 29.9	29,9 29.6	29.6	29.6 29.5
22-Jul-00 2	29.4 29.2 29.6 29.4	29.2 29.4	29 29.2	29.1 29.1	28.9 29.1	29.5 29.5	30.8 30.2	31.5 30.1	32.2 31.6	32.4 32.3	33.1 32.8	33.7 34.1	33.5 34.2	33.4 34.1	32.9 33.8	32.9 33.6	31.9 32.5	30,6 31,2	30.6	30.4 30.2	30.1 30.1	29.7	29.7 29.5
	29.6 29.5 29.6 29.5	29.1 29.4	28.8	26.8 29.2	28.7	29.6 29.5	30.3 30,4	31.1 30,8	31.5 31.9	32.2 32.3	33.1 33.2	34.6 32.5	34.4 32.2	34,6 33.3	33,6 32,2	33.1 31.8	32,5 31.6	31,2 30.2	30,3 29,7	30,3 29.6	30.1 29,3	29.4	29.9 29.7
	29.1 29.2 29.1 27.8	29.3	28.6 28.1	28.7	28.7	29,1 28.7	29,8 30	30,8 31.3	31.9 30.3	32.6	32.5 31.3	33.4 31.8	33.4 32.9	33.4 32.4	32.7	32.2 32.3	31.3 30,8	30.3 29.9	29.9 29.6	29.6 29,5	29.5 29.1	29.1	28.6 29.1
27-Jul-00 28-Jul-00 2	29 28,9 29.8 29.8	29 29.4	28.2 29.5	28.6 29.2	27.6 29.3	28.4 29.1	29.5	31.7	30 33,6	30.5 34	31.5 33,8	31.8 34,3	33.7 34.6	34.5 34.7	33.1 35.3	32.7 34.2	31.3 32.4	<u>30,5</u> 31,3	29.7 31.4	30,1 30,4	30.1 30.7		30.2
29-Jul-00 30-Jul-00 2	30 29.7 29.5 29.2	29.5 29.1	29.5 29.3	29.2 28.3	29.5 28.3	29.2 28.6	25 30	28.5 31	30.7 31.1	33.1 32.1	31.6 31.8	32.2 33	32.6 33	33.8 33.6	32.8 33	33.7 32.5	31.4 31.3	30.6 30.3	30.3 30.4	30.1 30.5	29.7 30	30	30.1 29.7
31-Jul-00 2	29.2 28.9 29.4 29.2	28.4 28.9	29 29	28.2 29.7	28.1 28.8	28.7 29	30.1 30.2	30.4 30.9	30,6 31,5	31.6 31.8	32.7 33.1	33.3 33	32.9 33.9	33 33.7	33.5 33.1	<u>32.5</u> 32.7	31.8 32.2	30.6 31.1	29.9 30.4	29,9 30.3	30.1 30.5	29.7	29.5 29.9
2-Aug-00 2	29.9 29.1 29.9 30.2	29.1 29.6	28.7	28.9 26	29 28.7	29.5 29.1	29.6 30.2	30.6 32.3	30.9 32.9	32.2 31.9	32.8 32.8	33.9 33.2	34 33.8	34.5 34.1	34.2 33	34 32.7	32.9 31.7	31.3 30,8	30.5 30,9	30.3 30.7	30.5 30.5	30,5	30.2 30.2
4-Aug-00 2	29.9 30 10.6 30.2	29.7	29.2 29.6	29.5 29.8	29.4 29.8	30 29.6	31.3 30.2	32.6 31.2	33,4	33.7 32	34.8 32,4	33.9 31.2	34,8 33,4	34.8 33.4	34.4 32.3	33.6 32.4	33.1 31.2	32.1 29.2	<u>31.5</u> 30.3	31.1 29.7	3D.8 29.9	30.6	30.9 29.6
6-Aug-00 2	29.5 29.1 27.8 27.4	26.8	26.2	26.2	27.2	26.6 27.8	28 28.6	28.4 29.2	27.1 30.1	28	29.8 30.8	30.6 31.6	29.4 32.6	30.5	30.8 33.1	26.8 31.8	27.6	27.1 30.7	27.3 30.2	27.4 29.8	27.6 29.6	26.9	27.2 29.2
8-Aug-00 2	8.8 28.5	27.6	27.4	27.1 27.8	27.2 27.4	28.3	28.9	29.2	30.2	30.5	31.5	32.2	32.7	33.9	33.6	27.8	27 27.5	27.6	28.3	27.4	27.3	26.6	26.4 26
10-Aug-00 2	6.4 26.4 6.4 27.1	26	25.7 26.5	26.4	26,5	25.2	26.2	26	26,4	27.1	26.2 27.2	26.8 27.3	27.4	26.7	26,9 25.7	26.7 25.5	26.3 25.6	26.5 25.7	26.9	27.4	27.2 26.7	27	26.4
12-Aug-00 2	7.7 27.8 7.7 27.4	27.4 25.6	27.1 25.8	27.3	27.2	27.3 26.7	27.2	27.2 28.8	27.2 29.3	27.1 30.5	27.3 30.8	28 32.5	28.4 32.5	28.2 32.2	28.1 30.8	27.9 30.5	28 30.2	27.7 29.8	27.4 29.7	27.7	28 29.5	27.3	27.5
14-Aug-00	29 28.4 6.7 26.2	27.6	26.3 26.3	25,7	26.2	26.2	25 25.7	26.2	26.4	26.8	27.4	27 29.5	26.6	27 30	26.7 3D.2	27.2	27.2	27.1 27.3	27.3	27.1 25.4	27 25.9	27	27 26.7
15-Aug-00 2	7.7 27.5	26.3	25.5 25.5	26.9	26.5	26.9	27.1	25.7	26.2	27.1	27.4	27.3 28.1	26.8	25.8	25,9 30,3	25.9 29,8	25.5 29.2	25,6 28,9	26.1	26.6 28.7	26.3 26 28	26.6	26.1 27.3
18-Aug-00 2	7.4 26.5	26.5	25.5 27 27.1	27.3	20.5 27.2 27.9	26.1	28.3 29	29.1 30.1	20.3 29.4 31.1	20.4 20,8 32	32 32.3	32.6 32.9	30.4 33 33.2	33,6 34,4	33.9 33.6	33.7 32.9	33.4 31.9	32.9 31.4	32 30.7	25.7 30.9	26.1	26.5	26.5 29.7
20-Aug-00 25	6.8 26.9 9.6 29	21 29.2 28.7	29	27.2	28.6	28.6	28.8 28.4	28.5 28.2	28,6	29.2 29.3	29.9	30.8 30.8	31.5 31	31.2 31.1	30.7 30.7	30.2	29.3 29.6	29.1	28.1 29.3	29 29.1	28.9	28.8	28.9 29
22-Aug-00 25	8.8 28.8	28.9	28.7	28.7	28.5	29	29.1	25.9	27.6	28.2	27.7	28.5	28.7	28.6	29.5	29.9	29.3	29.1	28.9	29	29	29 2	28.7
24-Aug-00 20	29 29 6.5 28.6	29 27.9	28.5	28.7	28.6	29.1	29.4 28.8	30.8 29.6	30.7	29.9 30	30.1 30.6	28.4	28.6	29.1	28,9	29,7 30	29.2 29.5	29 29.6	28.9 29,3	28.6	28.5	29	28.2
26-Aug-00 20	8.3 28.2 5.6 25.7	28.1	27.8 26.7	27.8 26.6	27.5	28,1	29.1 27.8	30.4	29.5	30.9 28.4	30.9 29.4	31.5 30.5	31.9	30.2 31.7	29.2 30.8	29.1	29.4 29.9	29.1 29.5	29.2	26.7	25.1	28.6 2	26.6
28-Aug-00 27	8.3 27.9 7.8 27.9	27.7 27.8	27,7	27.6	27.8	28	28 29	29.4 29.8	30,4 30.6	30,7	32,5	33.3 31.3	33.1 32.3	29.9 32.1	31.5 32	30.9 31.8	30 30.6	29.2 29.5	26 29.2	27 28.9	27.3 29.1	27.6 2	28.7
29-Aug-00 27 30-Aug-00 28	7.7 27.7 8.4 28.1	27,7 28	27.7 28.1	27.5 27.9	27.7	28.3 27.9	29 29.4	29.5 29.9	31 29.7	31.6 30,5	30,5 30,2	30.1 30,3	30.7 31.8	31.4 32.3	31.5 31.6	30.4 30.2	29.9 29.3	29.1 29.1	28.5 29	29.1 26.9	28,3 28,9	28.7	8,9 8,6
31-Aug-00 2 1-Sep-00 25	28 25.2 6.5 28.2	27.9 28.2	27.6 27.6	27.6 27.5	27 27.5	27.5 28.1	29.7 28.8	30.3 30	29.7 29.4	31.3 30.6	31.8 31.8	32.4	30.7 32.6	32.7 32.5	31.7	30,6 31,1	29.6 30.4	28.9 29.8	29.2 29.4	28.8 29.4	28,9 29	29.4 2	16.7 19.2
2-Sep-00 28 3-Sep-00 28	8.9 28.9 8.5 28.1	29 28.7	28.7 28.4	28.7 27	28.7 27.3	28.6 28.1	29.1 28.8	29.7 30.2	30.4 29.7	27,6	27 29,5	28.2 31.1	28.3 29.8	28.8 29.6	29.7 29.6	29,9 29,8	29.5 29.2	28.7 28.6	28.7 28.6	28.9 28.9	29 29	28.6 2	8.6 8.7
	8,5 28,2	28.1	27.9	27.2	26.2	25,1	26.2	26.8	27.9	28,3	28,4	29,3	29.3	30,4	29,6	29,5	28.7	27.9	27.9	25.9	25,8	26.1 2	5,4

	1st hour	2nd hou	d 3rd hou	ir 4th hou	r Sth hou		7th hour		19th hour		disth hou				u(15th hou			id 8in hou	/19th hou	ul20th ho				24th hour
5-Sep-00 6-Sep-00	26.5	27 26.3	26.5 25.8	26.3 25.6	26.1 25.4	25.9 25.6	26 25,5	25.9	26.6 26.3	27.5	28.5 27.8	28.8 28.1	28.6 28.8	28.4 28.9	29.2 29.2	29.1 29.1	28,6	28.6	28.2 28.4	28.1 28.3	28.3	27,7	27.1 27.7	27
7-Sep-00 8-Sep-00	26.9	26.5	26.2 26.6	26 26.9	25.6 26.8	25.1	25.4 27.1	27 27.4	28.7	28.4 28.8	29.2 30.3	29.7 30.7	30.5 32	30 31.7	29.4	29.7 30.8	29,1	28.9 29.5	28.4	28.5 28.2	28.2	28 28.1	27.9 28.2	28 28.7
9-Sep-00 10-Sep-00	28,2	28.2	25	27.9	27.6	27.6	27.7	28.4 28.6	29.1 28.9	28.6 29.7	30.2 30.5	29.1 30.6	29.5 31.3	29.3 31	30	30 30.8	29.5 29.7	29 29.7	26.8 29	26.9	28.7	28.3 28.8	27.9	28.5
11-Sep-00 12-Sep-00	28.1	27.9	27.6	27.2	27.2	27.2 25.6	27.4	28.3	29.4 29.5	30.4 30	31.5	31.7	32.4	31.9 32.1	31.8 31.9	31.1 31.6	30.8 31.4	29.2 29.9	28,4	28.7	28.7	28.4	28.7 28	26.4
13-Sep-00 14-Sep-00	27.8	28 28	27.5	27.2	27.2	27 27.1	27.4	28.9	29,7	30,9 30,2	32.4	32.8 31,5	32.9 31.9	32.7 32.1	32.3 32.8	31.5 32.1	30.9 31.5	30.1	29.6	29,3 29,2	29.6 29,7	29 29	29 28.2	28.8 28.5
15-Sep-00 16-Sep-00	28	27.9	27.7	27	27.5	27.9	28.5	28.7	29,6 29,8	29,9	30.4	32 30,3	33.8	33.9	33.3	32.8 31	31.2 30.8	30.9	31 29,4	30.9	29.7 29.7	30.4 29.6	30.5 29	29.5 29.2
17-Sep-00 18-Sep-00	28.7	28.5	27.6	27.6	27	27.2	27.6	28.3	29.1 28,4	30.2	31.3	30,3	31.4	31.4	32	32.1 31.5	31.6	30.9	30.2	29.7	29 29.8	27.B 29.7	27.8 28.9	28.8
19-Sep-00	28.4	27,9	27,6	27.2	26.6	26.2	26 27.2	26.4	27.1	27,3	28.1	28.6	29.5	30.2	30.3	30.3 29.8	30	30.1	29.6	30,5	30.3	30.4	30,1 29,4	29.4 28.5
20-Sep-00 21-Sep-00	28.8	28.5	28,1	26.3	27.5	27	27.3	27.6	28.5	28,9 29,6	30,5	30.5	31,1	31	31.2	30.7	30.8	30.3	29.7	29	28.9	30.2 29.3	29.1 29.2	29.4
22-Sep-00 23-Sep-00	28.9	28.3 28	27.9	27.5	27.3	27.1	26,9 26,2	26,3	25.7	25,5	31.6	31.4	27.2	31,8	32	27.7	31.6	26.1	26.2	25.4	25.4	25.4	25	24.7
24-Sep-00 25-Sep-00	24.9 27.1	24.7 27.2	24.7	26.7 26.5	27 25.7	25.6	26,4 27	27.4	25.6	26	26.3 29.7	27 29	28.4 28	26.5 27.6	25.4	25.8 28.3	26.5 28.6	25.4	26.4	25.9	26.5 27.8	26.5 27.8	26.6 27.6	26.9
26-Sep-00 27-Sep-00	27.4	27.3	27.1 26.9	26.7	26.7 26.5	26.7	27.1 26.7	28.2 28.2	29	29,6	29.5 30.7	29,8 31,4	30,4 31,5	31.8 30,9	31.1	31.5 30.5	30.8 30.2	29.2 29.5	29.1 28.3	28,7	28.5	28.2 28.2	28 27.6	28
28-Sep-00 29-Sep-00	27.5 28	27.4	27.2 28	27	26.8 27.8	27	27 27.8	26.1 29.2	29 29.8	30 29.9	31 <u>.2</u> 30.9	32 31	31 32.1	31.7 32.6	31 31.9	30.6 30.9	30.1 30.1	29.9 30	29.7	28,9	28,9	28.4	28,4 29,2	28.3
30-Sep-00 1-Oct-00	28.7 29.3	28.7 28.8	28.5	28 29,1	27.8	25.9 29.1	27.6 29.1	29.1 29.4	30.1 30	31.Z 30.7	31.6 31.2	33.4 32.7	33.5 32.2	33.4 31.9	33.7 32.4	33.4 31.7	32.9 31.1	31.4 30.2	29,7	29.6 29.3	29.6 29.6	29.6 28.2	29.5 29.5	29.8
2-Oct-00 3-Oct-00	29.3	27.7	25.5	28.2	26 26.5	26.6	27.7 25	28.1 26.1	29 26.5	29.5 26,9	29.7 27.6	30,1	30,8	29.8 29.2	29.4 29	27 28.8	26.1	27.1	26,8	27.9 28.7	27.9 27.5	28.1 27.9	27,6 27.7	27.1
4-Oci-00 5-Oci-00	27.7	27.7 26.8	27.4 26.2	27.2	27.2	27.2 *	27.5	28,3	29.2 27.8	30 28,1	30.8	30,5 29.4	31.9 29.8	30.6 30.7	29.5 31.4	29.1 31.0	28.7 31.5	27.8	27.7	27,4 29.7	28 29.8	28	27.7 27.8	27.7
6-Oct-00 7-Oct-00	27.1	27.6 29.2	27.4 28.6	27.1 28.5	26.9	26.5 28.2	27.4 28.1	28.4	28,9 29.1	29.8	30.5	31.4 31.7	31.8 32.2	32.6	33.1 32.8	33 33	32.6 32.2	31.6	31.1	30.6 30.7	30.4	29.5	29.5 30.3	29.2
8-Oct-00 9-Oct-00	29.8	29.1 26.3	29.5 25.8	28.6 25.2	28.4 24.8	28,6 24,4	28.5 24	28.9	26.9	29.6 26.4	29.8	29.9 27.7	30.1 28.7	30.8 29.5	31.1	32	31.1 28,9	31.4	30.7	30.2	29.1	28.8	28.1 27.5	27.4 27.3
10-Ocl-00 11-Ocl-00	24.4 25.6	25 25.6	25.5 25,6	24.8 25.4	24.8	24.5	24.5 25.3	24.5 25.6	25.2	25.5 26,6	26.2	27 29,7	27.4 29,4	28,4	28,9 29.2	28.2 29.3	28.2 29.1	27.7 28.2	27.4	27.2	27.2	27.2 27.3	25.5 27.1	25.6 27.1
12-Oct-00 13-Oct-00	27.1	27.1 26.7	26.8	26.6	25.5	26.5	26.2	26,6 25.6	27,5	27.4	27.2	27.6 29.4	25.9 28.7	25 29.2	26.2	26.9 29	27.1 27.8	27.1	25,9	27.1	26,6 26	25.5 25	26.6 25.2	26.7
14-Oci-00 15-Oci-00	26.4 25.4	26.4 25.1	26.2	25,9	25.8 24.4	25	25.4 23.8	25.7 24.4	26.6 25.3	27.2	27.7	28.3	28.3	28.5 28	23.8 27.8	28,5 27.9	28.6 27.6	28.1 26.9	27.9 26.1	27.2	27.2	26.8 24.9	25.8 24.8	26,1 24.7
16-Oct-00 17-Oct-00	24.2	23.8 23.3	23.5	23.1	23 22.7	23 22.7	23.2 22.7	23,8	25,1	24.9 25.2	25.3	27.2	27.6 26.9	27.8	27.6 27.4	28.1 27	27.8 26	26.7	26.4 25.6	26.1 25.7	25.7 24.7	25.1 24.4	24.7 23.9	24.2 24.7
18-Oct-00 19-Oct-00	24.2 24.2	24.1 23.2	24.3 23	24.2 23.1	23.9 22.6	23,5	23.7 23.5	23.8 24	24 24.4	25.2 25.9	26.1 26.4	25.4	25.5 28.1	27.7	26.9 27.8	26.5 28.2	25.7 28.4	25.5	25.1 26.9	24.7 25.8	24.7 25.3	24.9 26.2	25 26,3	24.6 25.2
20-Oct-00 21-Oct-00	23.9	22.9 24.2	22.8 24	22.4	21.7 23,5	20.9 23.2	20.8 23,2	23,5 24	25.3 25.1	25.4 25.9	26.7 26.4	26.9 26.5	28.1 27.4	28.3 27.6	27.5	27.5 27	26.5 26.1	25.4 25.2	25,1 24.3	24.9	24.9	24.7 23,8	24.5 24,1	25.3 24.5
22-Oct-00 23-Oct-00	24.1	23.5 24.2	23.4 23.8	23.2	23.4 23.6	23.2	23.2	24.5 + 24.5	24.6 25.8	25.8 26.4	26.9	27 27.6	27.8 28,6	27.5 27.9	27.4	25.8 27,6	26.5 27.5	25.8 26.1	24.7	24.5	24,7	25.2 24.9	24,6 25	24.7 25.2
24-Oct-00 25-Oct-00	25 25.3	24.7 25.2	24.6 25.1	24.5	24.3 24,9	24.2 24.6	24.3 24.6	25.2 25.3	25.5	27.1 26.7	28.1 28.1	29.4 29.2	29.6 29.9	30.3 29.4	29.2 29.3	28.5 29.3	28.4 28.5	25.6 26.9	26.5	26	26	25.7 26.6	25.6 26.1	25.1 26
26-Oct-00 27-Oct-00	25.2	25.2	25	24.6 24.6	24.5 24.6	23.9 24.6	23.3 24.7	25.2 25.5	25.2	27.3	27.9	28.5	29,3 29,9	29,3 28	29,9 27,9	29.5 27.7	27.7 26.9	26.6	26.2 25.2	26.2	26.1 25.2	25.8 25.2	25.2 24.8	25.5 24.4
28-Oct-00 29-Oct-00	24.9 24.8	24.7 24.4	24.6	24.7	24.5 23.7	24.3 23.9	24.8 24.1	25.1 24.6	26 25.5	26.5 25,9	26.5 27.8	27.7	26.8 29.2	26.9 29	27.7 29.5	27.1 29	26,7 27.7	25.8 25.9	24.7	25 25.7	24.7 25.8	25.2 25.4	25 25.2	24.9 25.6
30-Oct-00 31-Oct-00	25.2 22.3	24,9 22,4	24.6	24.6	24.1 21.9	24 21.7	22.3 21.3	21.4	22.4	22.9 21.7	23.7 22.3	24.4	25 23.3	25.6 24.3	25.7 24.1	25.9 23.9	25.5 23.2	22.4	22.5	22.4	23	23.4 21.7	22.9	23.3 21.5
1-Nov-00 2-Nov-00	21.2	21.3	21.1	20.7	20.6	20.2 16.8	19.5 17.2	19,5	19.6 17.6	19.9 18.1	19,4 79	19.8 19.9	19,5 20,6	19.7 21.5	19.9 21.1	19.8 21.5	19.4 21.5	<u>19.4</u> 21.4	19.3 21.2	19	18.6	18.1	18.4 20.9	18.4
3-Nov-00 4-Nov-00	20.5	20 21.5	19.5 21.4	19,5 21	19.2	19.4 19.9	18.5 20.3	19.3 20,4	20.5 21.4	20.6	21.2 22.7	22.2 23.5	23.3 24.9	24.1 25.6	24.5 24.9	24,4 25	24.4	22.2	22.5	23.1	22.5	22.1 21.9	20.6 21.9	22 20.4
5-Nov-00 6-Nov-00	20.9 22	21.3 21.8	20.9 21.2	20.7	20.2	20.2	20 20.6	20.2	21.3	22.4	21.8	22.7 24,6	23.8 25,3	24.9 25	24.6	25.8 27	25.7 27.2	24.9 26.6	24.8 26.6	24.4	23.8	23.4 25.6	23.3 25.2	22.6 25.1
7-Nov-00	23.8 20.5	23.1	22.5 20.6	21.8 19.5	21.7	21.8 20	21.8	22	22.5 18.8	23.3	23.9 19.4	23.1 20.1	23.5	23.3	23.2	23.8 21.8	24.2 21.8	24.2 21,9	24.1	23.8	23.9	23.9 21.3	22.4 21.5	22.4
8-Nov-00 9-Nov-00 10-Nov-00	20.5	20.5	21.8	21.9 21.3	22.1	22.1	22.1 20	22.8	23.9	24,9	24.2	25.4	26,3	26.9	27.6 25.8	27.7 25.6	27.5	25.8 23.5	25.7	24.5	23.7	23 22.2	22.6 22.1	22.9 22
11-Nov-00 12-Nov-00	21.9	21.7	21.4	21.1 20.7	20.7	20.6 20.1	20.7	21 20.7	21.3 21.8	22.6	23.7	23.8 24.1	23.9 25.2	24.9 24.6	24.7	24.1	24.1	22.9	23	22.1 21.6	22.2	21.7	21.7	21.5
13-Nov-00 14-Nov-00	21.2	20.9	20.8	20.5	20.2	20.3	19.9 20.5	21.1 21.5	22.2	23.8 23.6	25.2	25.8 25.5	25.8 26	26.4	24.8 24.8	24.5 24.7	23.9 24.5	22.7	22,3	22.7	22	22.1	21.5	21.5
15-Nov-00 16-Nov-00	21.5	21.3 22.3	21 22	21.2	21	20.8	21 22.3	21.8	23.1	24.5 25.6	24.9 26.9	25.4 27.5	25.2 27.7	25.6 28.1	25.7 27.3	26.4	25,3 25,4	23.8	23.4	23.3	23.2	22.7	22.9	23.2
17-Nov-00 18-Nov-00	22.5	22.4	22.4	22.1	21.9 22.4	22.1	22.1	23.2	24.1 22.3	25,3 22.9	26 23.3	26.2	27.3	26.3 24,7	25.9 24.2	25.6 24	25.4 24	24.2 22,8	24.6	24,9	24 21,8	24.3 21.5	23.6	23.7
19-Nov-00	20,5	20.4	20	19.7	19.3	19.1	18.9	18.7	19	19.2	19,7	21.3	21.4	22	22.4 22.3	22.4	22.4 22.3	21.9	21.1	21.9	22.4	21.5	20,6	20
20-Nov-00 21-Nov-00 22-Nov-00	20.1	20.2	18.4 19.9 20.5	19.8 20	19.4 19.8	19.1 19.5	19.3	19.5 19.8	20.3 20.5	21.4	22.1 21.6	23	24.7	24 24.3	24 23.8	24.2 23.8	23,8 22,4	22.4	22.2	21.7	21.5	21.5	21.3	21,4
23-Nov-00 24-Nov-00	20.9	20.2 20.4	19.8	19.6 20.2	19.2	19.2	18.9 19.8	19.5	20.7	21.4	22.3	23 24,4	24 24.5	24,6 25,4	25.4	24.3 25.4	24.3 24.2	23,7	22.7	21.6	21.5	21.2	21.3	21.5
25-Nov-00 25-Nov-00	21,4	21.3 21.8	21.4 21.8	20.5	20.1	19,9 21	20.7	21.1 21.4	21.3 22.2	22.7 22.3	24.2 23.2	24,4 23,3	24.8 24.2	23.2	23.3 24.2	23.3 24.1	22.9 23.7	22.8 22,8	23.2	22,9	22.5	22.5 21.1	22.3 20.9	22.3
27-Nov-00 28-Nov-00	20.1	19.7 15.4	19.3 14.8	19.2 14,3	18,9 14,1	18.8 14.3	18.3	18.5 14.5	18,9 14.9	19.2 15.8	19,5 16.8	20,4	22	22.5	22.1	21.6 19.8	21.2 19.6	21.1	20.7 18,4	19.7 18.2	19	18.3 16.7	17.B 17.1	17.1
29-Nov-00 30-Nov-00	16.1 15.5	14.5 14.9	12.8	14.7	11.9 13.5	12.4	12.9	13.8 16.8	15.4 18.3	16.6 19,9	17.3	19.1	18.9	20	19.9 21.2	20.2	19,4	18,2	18.1	17.4	16	16.5	15.9 18.2	17.4
1-Dec-00 2-Dec-00	17.7	17.5	17.3 19.3	17.2	17.2	17.4	17	17.9 20.1	19.1 22.1	20 23.6	20.2	21.4	22.7 20.3 23.7	21.3 23.9	20.9 24.9	20.4	20.8	20.6	20.2	20.Z 21.7	19.8 21.3	20 20.5	20.1 20.8	20.4
3-Dec-00 4-Dec-00	19.3	19.3 18.4	18.5 18	19.5 17.5	16.9 17,4	18.6	18.1	18.3	19 18	20.2 19.2	21,4	21.9	22.3 21.3	22.7	22.3 21.1	22	21.3 21.2	20.8	19.9	20.2 19.8	20,4	19.9 19.4	19,6 19,4	19.2 19.4
5-Dec-00 6-Dec-00	19.2 18.6	19 18.3	18.6 18.2	18.3 18.3	18.1 18	17.9	17.8 18	17.9	18.1 18.5	18.4 20	19.1 19.9	19.8 20.3	20.5 21.2	21.6 21.1	20.6 21.2	20.6	20.4 20,8	19.9	20	20	19.3	19.2 19.3	19 18.7	18.7 18.4
7-Dec-00 8-Dec-00	19.1	18.5	18.6 17.8	18.4	17.6	17.9	17.8 15.6	18.3 16.5	19 16.8	19,5 18.3	20.2 20,6	20.5	20,3 22,6	20.8 23.1	21 22.2	20.9	20.7	20.2	19.3 19.3	18.9	18.4	<u>19.2</u> 18.7	18,7 18,9	18,5 18.9
9-Dec-00 10-Dec-00	18.7	18.4 19.9	18.4 20.1	18.4 19,6	18.6 19.7	18,5 19.5	18.3 19.7	19.1 20.2	19.3 20.8	20.4 21.4	20.1 23.4	20.4 23.5	20.5	21.6 23.6	22 23.5	21.8 23.2	20.8 22.8	20.7	20.7	20.6 21.8	20.8	20.3 21.7	20 21.1	20.1 20.9
11-Dec-00 12-Dec-00	20.6	19	18,7 22,3	18.4	18.3 21.3	18.4 20.9	18.3 21.1	19.8 21.3	22.2 22.5	23.8 24	24.4 25.1	25.4 24.9	25.2 25.2	25,3 25,6	24.6 26.5	25.8 25.4	25,2 24.3	23,3 23.6	22.7 22.6	22.4 22.7	22.4 22.4	22 21,9	22.2	22.5
13-Dec-00 14-Dec-00	20,8	20.1	19.4 19.9	19.5 19.6	20	19.8 18.6	20.5	20.2	20,8 19,4	21,8 19,7	22.6 20.6	23.3 21.1	23	23.1	23 21.3	23.2 21.5	22.7 20.8	22.4 20.3	22.2	22.5	21.4	21.6 19.8	21 19.7	21.2 19.7
15-Dec-00 16-Dec-00	19.5 19.6	19.2	19.1 19.8	18.9 19,9	18.7 19.6	18.7	18.7	18.9 19.8	19.8 20.8	20.5 21.2	21.8 22.5	23.5 22.3	22.2 22.3	22.1 22.3	22.9	22.2	21.9	21.1	20,3 20,9	20 20.6	20	19.9	20 20.7	19.8 20.7
17-Dec-00 18-Dec-00	20.6	20,3	20.5	20 21	20.1 20.6	20.7	21 20.9	21.1 21.3	21.7	22.3 22.3	23.8 24.2	24.1 24.5	25.1 24.8	24.3 25,4	24.8 25.5	24.7 24.9	24,8 23.5	23.1 22.1	22.5	21.6	21.6	21 20.8	20.9	21.5
19-Dec-00 20-Dec-00	20.5	20.5	20.4 20 19.2	19.7 19.6	19.7	19.9 19.8	19,4	19.9	19.1 20.7	19.2	20,2	19.3 22.3	19,6 22.9	19.7	19.8 23.8	20 23.1	19.6	19.2	19.6 21	19.8	19 20.5	19.1 20.5	18.8	19 20.9
21-Dec-00 22-Dec-00	20.9	20.6	20.5	20.6	20.5	20.7	20.6	20.9 21.3	22.6	23.9	24.3	24.5 24.3	25.9 23.5	25.3 24.4	24.8 24.1	24.2	23,7 24,4	21.6	21.9 23.6	22.2	22.6	22.4	22.1	21.8
23-Dec-00 24-Dec-00	21.5	20.9	18.9	18.6	18.6	18.8 16.2	19	19.1	19.6	19.3	19,6	19,4	18	19,1 18.4	19.4 16.8	19.3 18.5	19.1 18.6	19.2 18.3	19.2 15.3	18.5	18.5	18.2	17.1	16.9 17.1
25-Dec-00 26-Dec-00	16.7	16.6 15.2	16.6 15.6	16.5	16,4 15.2	16.2 16.2 14.9	15.3 14.6	17	16.8 16.5	17.3	17.5	17.3 19.5	17.7	18.1	18 22.1	18	17.9	17.9	17.5	18	16.5	17	15.4	17.1
27-Dec-00	19.3	13.2 18.5 18.3	18.2 18.3	17.8	17.4	17.2	16.5	17.5	18.5	20.2	20.1 19.8	21 20.5	20.8	20,9	21.1 21.9	21.4 21.2 22.1	20.3	20,4	19,5 20.5	19.1	18,9	19 19.5	18.8	19.3
28-Dec-00 29-Dec-00	19.5	18.8	18.7	17.9	17.7	17.4	17.6	17.3 13.6	20,4 17,5 14,2	20.5 17.8 15.4	19.6 18.2 16.2	20.5 18 17.4	18,9 17,7	18.8 18.9	19.4 15.9	20	19.4	19 17.9	18.6 17.1	18.5 15.6	19.7 18.2 16	19.5 16.8 15.6	19.7 16 15.1	15.7
30-Dec-00 31-Dec-00	15.1 13.8	14.7 13.1	14.4 12.9	14 12.6	13,7	13,6 12.2	13.6	13.6	14.2	13.8	16.2	17.4	16.2	17.2	10.9	17.8	18.6 17.3	17.9	16	15.6	15	13.6	13.6	14.7 12.9
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		2nd hour						net have	City have			1711 have	1716 h	4 1 h h =	Ch have	16th have	17th hour	10th Laure	TOIL LOU	2015 50.0	Biel how	band hou	22rd hour	DAIb bou
<u> </u>			3rd hour-	4th hour	5th hour	fein naur	An von	Bia nour	301 11000	1001 0001	1300 000	1261 11000	13i0 nem	1403 000	tatin nous	Tean noor	17th Hour		1302 000		iz ist nou	2210 100	2310 1/00	esta nou
Hourly Averaged	влірегац	ure 2nd hour						A.1	Bala harres	ACIL Same	All have		1721 L	a dile barrie	and here	1515 6	1 Tib b dur	Calls Income	tool have	0015 5 50	and have	22nd hours	12.2	1015 5000
	1 JSL DOUR	עמת המצר	aro nour	4ln nour	5th Rour		7 UN AQUE	our nour	an nem	1001 000	r trii tron	I KUR IKULI	1903 13901	1403 1200	1311100	Tour nous	1761 100	Teal nous	1211 1100	2003 1000	<u>iz iaciioa</u>		2010 1104	2941104
12 months Temp							23.0	23.5	24.2	24.8	25.4	25.9	26.2	26,4	26.4	26.3	25.9	25,3	24.7	24.5	24.3	24,1	24.0	23.9
average 4yr (deg C		23.4	23.2	23.0 73.4	22.9 73.2	22.8	73.3	74.3	75.5	76.6	77.5	78.5	79.2	79.5	79.6	79.3	78.6	77.5	76.5	76.2	75,7	75.5	75,1	75.1
average 4yr (deg F	74.6	74.2	12./	13,4	13.2	73,0	/3.3	Į4.3	(3.5	10.0	11.0	(9.9	13.2	79.3	10.0	-10.0	10.0		10.0		1.4.1	10,0	10,1	- 13.1
					<u> </u>																<u> </u>	<u> </u>		
Month Jan	15.9	15.6	15,4	15.1	14.8	14.7	14.5	14.8	15.5	16.1	15.7	17.2	17.7	18.1	18.3	18.2	18,1	17.7	17.2	17.1	16.7	16.4	15.1	16.2
average 4yr (deg C	15.9 60.6	60.0	59.7	59.1	58.7	58.5	58.3	58.7	60.0	61.0	62.0	63.0	63.9	64.6	64,9	64.7	64.5	63.8	62.9	62.8	62.1	61.5	61.0	61.2
average Ayr (deg F	00.0		53.7	30.1	20.7	00,0									* 1.0	•		00.0	04.0					
Month Feb		i																						
average 4yr (deg C	19,7	19.4	19,1	18.7	18,6	18.7	18.6	19.1	19.9	20.7	21.5	21.9	22.0	22.3	22.2	22.2	21.8	21.2	20.7	20.6	20.3	20.2	20.2	20.3
average 4yr (deg F	57.4	67.0	66.4	65.7	65.5	65.7	65.5	66.3	67.8	69.2	70,7	71.4	71.6	72.1	72.0	71.9	71.3	70.2	69.2	69,1	68.6	68,4	68.3	66,5
																				<u> </u>		L		
Month March	L				10.0		40.7						22.4	22.5	22.4	22.2	22.1	21.8	21.4	21.3	21,0	20.9	20.7	20,9
average 4yr (deg C	20.5	20.2	20.0	19.6	19.8	19.7	19.7	20.1	20.4 58.7	21.1 70.0	21.6	22.1 71.8	72,3	72.4	72,3	72.0	71.9	71.2	21.4	70.3	59.8	69.6	69.3	20,9
average 4yr (deg F	68.8	68.3	67.9	67.7	67.6	67.5	67.5	40.1	00./	70.0	11.0	/1.0	12.9	14.9	12.3	- 12.0	<u> </u>	· · · 4	10.3	10.5	03.0	03.0	44,5	
Monih Apr																			-				·	
average Avr (deg C	21.6	21.5	21.3	21.1	21.1	21.0	21.4	21.8	22.5	22.9	23.2	23.7	23,8	24.0	24.1	24.0	23,7	23.2	22.8	22.5	22.2	22.0	21.B	21.8
average 4yr (deg F		70.6	70.4	70.0	69.9	69.9	70.5	71.3	72.5	73.3	73.8	74.6	74,9	75.2	75,4	75.3	74.7	73.8	73.1	72.4	71.9	71.6	71.3	71.2
																					-			
Month May	1													_										
average 4yr (deg C	26.2	26.0	25,8	25.7	25.5	25.4	25.9	25.7	27.6	28.0	26.8	29.1	29,4	29,6	29,4	29.3	29,1	26.2	27.5	27.2	27.1	25.9	25.5	26.6
average Ayr (deg F	79.2	78.8	78.4	78.3	77.8	77.6	78.6	80.1	81.6	82.4	83.8	64.4	85.0	85,3	84,9	84.8	84.3	82.6	81.6	81.0	80.8	80.5	79.9	79.8
<u> </u>																					<u> </u>			
Month Jun	<u>}</u>								29.7	30.0	30.2	30.7	30.9		31.2	30.6	30.3	29.8	29.2	29.1	29.0	29.0	28.8	28.7
average 4yr (deg C		28.6	28.2	28.0	28.0	27,9	28.5 83.3	29.1 84.3	<u>49.7</u> 85.4	85.9	86,4	- 30.7 87.2	87.6	31.2 88.2	31.Z 86.1	87.5	86.6	85.6	29,2 84.6	64.4	84.2	<u>29.0</u> 64.2	20.0 83.8	83.7
average 4yr (deg F	83.6	83.4	82,8	82.4	82.4	82,3	63.3	04.3	03.4	62.8	<u>ao,</u> q	-01.2	01.0	00.4	G9, (0.10	¢0,0	07.0	6,90			07.2	0010	03.7
Monih Jul	L													-						}				
average 4yr (deg C	29.3	29,2	29.0	29.0	28.9	28.8	29.2	29.9	30,7	31.2	31.8	32.4	32.6	32,7	33.0	32.6	32.0	31.3	30.5	30.1	29.9	29.8	29,7	29.7
average 4yr (deg C		64.5	84,3	84.2	84.0	83.9	84.5	65.9	87.2	85.1	89.3	90.3	90.6	90,9	91.4	90.7	89.6	88.3	86.9	86.1	85.9	85.7	85.5	85.4
areinge fri (ocg i	<u> </u>		4 T L																		-			
Month Aug		l í																						
average Avr (deg C	28.2	28.1	27.8	27.5	27.6	27.6	27.8	28.5	28.9	29.4	29.7	30.3	30,6	31.0	31.1	30.7	30.1	29.5	29.1	28.8	28.5	28,5	28,3	28.2
average 4ys (deg F	82.8	62.6	82.1	81.7	81.7	81.7	82.1	53.3	84.1	84.9	85.4	86.5	87.1	87.8	87.9	87.3	86.2	85.1	64.3	83,9	\$3,3	83.2	82,9	82.8
Month Sept															00.0	60 F	50 G							
average 4yr (deg C		27.6	27.4	27.3	27.1	27.0	27.2	27.9	28.5	29,1 84.5	29.8 85.6	30.1	30.8 87.4	30.7	30.8 87,4	30,5 86,9	30,2 86.4	29.6 85.2	29,0 84,3	28.8 83.9	28.7 83.6	28.6 83.4	28.3 83.0	28.2 82.8
average 4yr (deg F	62.1	81.7	81,4	81.1	80.7	80.6	80.9	82.3	63.4	04.5	03.0	86.2	5/.4	87.2	. Q(,4	- 00,3	60.4	07-5	04.3	03.8	03.0	03.4	03.0	02.0
Month Oct		\vdash		~~~				[
average 4yr (deg C	25.8	25.6	25.3	25.2	25.0	24.8	24.8	25.4	26.2	26.8	27.5	28.2	28.6	28.6	28.7	28.5	28,1	27,3	25,8	26,6	26,4	26.2	26.0	26.0
average 4yr (deg F)		78.0	77.6	77.3	76.9	76.7	76.7	77.7	79.1	80.3	81.6	82.8	83.5	83.8	83,7	83,4 (82,5 I	81.1	80,2	79.9	79.5	79.2	78.9	78.9
areage in facar.												1												
Month Nov																								
average 4yr (deg C	20.8	20.4	20.1	19.9	19,6	19.5	19.4	19,9	20.7	21.6	22.3	23.0	23.6	24,0	23.8	23.8	23.4	22.6	22.2	22.1	21.7	21.5	21.2	21.2
average 4yr (dog F)	69,4	68.8	68.1	67.8	67.3	67.0	66,9	57.9	69.3	71.0	72.2	73,5	74.5	75.1	74.8	74.9	74.2	72.6	72.0	71.7	71.1	70.6	70.2	70.2
											ł													
Month Dec	10.0		48.0	49.4	18.2	- 18.2	18,1	18,4	19.3	20.1	20,8	21.3	21,6	21,9	21.9	21.8	21.4	20.7	20,3	20.1	19.8	19.5	19.3	19.3
average 4yr (deg C average 4yr (deg F)	19.2 66.5	18,8 65.9	18.6	18.4	18.2 64.8	18.2 (54.7 (64.6	65.2	66.7	68.1	69.5	70.3	70.8	71.4	71.5	71.3	70.5	69.3	68,5	68.1	67.6	67.2	66.6	66.8
average sys (old P)	00.0	00.0	33,4 1		04.0				A		00.0	14.4	10.0				المستشاكسا							

Calculation of Space Averaged Speed for HKLQ (2031)

·	NOV	Peak hour				Non-Pe	ak hour	
	MGV, HGV &		Other		MGV, H	IGV & bus	Other	·s
Bin	VMT	Fraction	VMT	Fraction	VMT	Fraction	VMT	Fraction
0-5		0.0		0.0		0.00		
5-10		0.0		0.0		0.00		0
10-15		0.0		0.0				0
15-20		0.0		0.0		0.00		0
20-25		0.0		0.0		0.00		0
25-30		0.0				0.00		0
30-35		0.0		0.0		0.00		0.
35-40		0.0		0.0		0.00		0
10-45	10198			0.0		0.00		0.
5-50	10130			0.0	10198	100.00		0.
50-55		0.0		0.0		0.00		0.
55-60		0.0		0.0		0.00		0.
0-65		0.0		0.0		0.00		0.
5-70		0.0	5639	100.0		0.00	5639	100.
		0.0		0.0		0.00		0.
0-75		0.0		0.0		0.00		0.
5-80		0.0		0.0		0.00		
0-85		0.0		0.0		0.00		0.
5-90		0.0		0.0		0.00		0.
Total	10198	3 100.00	5639	100.00	10198	100.00		0
					10100		5639	100.

									P						NCA	WG-3		WC-L		NC-3		MC.1	
		Tut	71rH	1033	Testal E	Те	Talia	31	¥	#C-19		NHT P	MC-T K2 Febetlan	300 V	YWT F	Fragelas	Nan Virt	W. Forth	fraction Y	YWT	Frailles	VMT	010
Taxi-1 Taxi-16 NT Fraction 2 Virt Practice	Zadan VN	Fraction Viti		VMT Freitun	Frection Vi	YNT	WT FREMAS	fraction	VMT	VAN LON	100%A		0.0/	0.0		0,0	6.9		0.0				3-10
III Column File Column Column Column Column Column Column Column Column B Column Column Column Column IS IC Column Column Column Column IS IC Column Column <th>000 000 000 000 000 000 000 000 000 00</th> <th>50 54 55 15 15 15 50 50 50 50 50 50 50 50 50 50 50 50 50</th> <th>17 17</th> <th>0 50 50 00 10,1 14,1 14,7 14,0 50 50 50 50 50 50 50 50 50 50 50 50 50</th> <th>0.6 0.8 0.8 0.8 12.5 72.5 72.5 0.0 0.0 0.6 0.6 0.6 0.6 0.6</th> <th>15.0 23.4 1600</th> <th>0,0 0,0 0,0 0,0 0,0 0,0 1,00,7 1,00,7 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,</th> <th>82 84 85 125 125 125 82 82 82 82 82 82 82 82 82 82 82 82 82</th> <th>85 6,0 0,6 8,4 8,5 8,5 8,5 6,5 0,4 0,4 0,4 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6</th> <th>0 7 31</th> <th>00 08 08 00 00 00 00 00 00 05 00 05 05 05 05 05</th> <th>32 45 450</th> <th>00 00 06 11 8,1 13 83 153 83,4 00 00 00 00 00 00 00 00 00 00 00 00 00</th> <th>45 0.0 8,1 8,5 9,9 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0</th> <th>26,5 38,4 378,7</th> <th>00 00 00 50 53 54 54 60 60 60 60 60 60 60 60 60 60 60 60 60</th> <th></th> <th>403 87,0 308.1</th> <th>0.5 0.5 0.5 10,1 42.4 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.0 0.0 0.0</th> <th>1.3 20 163</th> <th>55 88 135 821 921 95 95 95 95 95 95 95 95 95 95 95 95 95</th> <th>981.5 418,1 3732,8</th> <th>19-15 15-25 15-25 15-25 15-25 15-25 15-25 15-25 15-25 15-25 16-25 17-25 16-15 17-25 17-25 16-16</th>	000 000 000 000 000 000 000 000 000 00	50 54 55 15 15 15 50 50 50 50 50 50 50 50 50 50 50 50 50	17 17	0 50 50 00 10,1 14,1 14,7 14,0 50 50 50 50 50 50 50 50 50 50 50 50 50	0.6 0.8 0.8 0.8 12.5 72.5 72.5 0.0 0.0 0.6 0.6 0.6 0.6 0.6	15.0 23.4 1600	0,0 0,0 0,0 0,0 0,0 0,0 1,00,7 1,00,7 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	82 84 85 125 125 125 82 82 82 82 82 82 82 82 82 82 82 82 82	85 6,0 0,6 8,4 8,5 8,5 8,5 6,5 0,4 0,4 0,4 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6 0,6	0 7 31	00 08 08 00 00 00 00 00 00 05 00 05 05 05 05 05	32 45 450	00 00 06 11 8,1 13 83 153 83,4 00 00 00 00 00 00 00 00 00 00 00 00 00	45 0.0 8,1 8,5 9,9 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0	26,5 38,4 378,7	00 00 00 50 53 54 54 60 60 60 60 60 60 60 60 60 60 60 60 60		403 87,0 308.1	0.5 0.5 0.5 10,1 42.4 0.0 0.0 0.6 0.6 0.6 0.6 0.6 0.0 0.0 0.0	1.3 20 163	55 88 135 821 921 95 95 95 95 95 95 95 95 95 95 95 95 95	981.5 418,1 3732,8	19-15 15-25 15-25 15-25 15-25 15-25 15-25 15-25 15-25 15-25 16-25 17-25 16-15 17-25 17-25 16-16
6.0	10	8.6		0.0	0.0		0.0	8.0			0.0		8.0	0.0		6,6	R .9		96		0.0		41-54
6.0 60	0.0	8.0		0.0	0.0]				01					40		0 4 61 509 00	00 pg		100.00)		109.00	2222	Tytel
1 0.0	Ó R	6.0		125 100 00	100,00		812 148.00	100,09	20 20	17 (1	100.00	\$27	100.001	109.00	- 415	61 599 00	ditan in the ass	al fairte le el	-23 00 as Pa %	in the parted \$7.5	Ri as model apaes	abblet are beieling an BCF-t	Alcums the
110 100.00 5 100.0	100.00	120.00 178	20 <u></u> .																				
														··									[
****							Tatio		1000 (Prot 1)	WEAD		M24	MC-Y I		NC-4	WC-1		MC-4 VWT Frack	Freeties V	VNT NO.	Faites	VMT VMT	814
Tanka Tankig			70054	Testia	Tech 2						Fretilan 1	YW7 1	17 Frättign	36194 N	<u>. ywr f</u>	Fingtion	944 - YWT	nat Price	0.0		9.4		
Task4 7ask10 MT Freetian VMT Freetian 0.0 0.0 0.0 0.0 0.0 0 0.0 0 0 0 0 0 0		Fraction Yact		WT Janes							Freeflan 3 1	<u></u>	-1			0.0	6.5		0.0		0.4		
97	6.5 9,0 6,0 19,0	8,0 8,5 8,6 8,6 10,5 10,5 175,8	218.2	20 20 24 24 26 20 20 20 20 20 20	80 8.6 0.6 0.0 0.0	147.4	MT Fractions 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Fractive 0.6 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	Ann Vitt 0,5 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0		0.0 0.0 0.0 0.0 104.0	527.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	45 45 49 55 49 1245 49	415,1	8.6 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	6.5 6.8 6.6 6.6 0.6 (02.0	162,L (r	0.0 0.0 0.0 0.0 0.0 196,6 6.0	26.1	8.0 6.0 6.0 100.0 100.0 100.0	2023	8-1 5-10 15-10 20-15 25-10 35-31 35-49 40-45

Culturalities of Space Averaged Speed for BCF_HR Reed (2831)

Calculation of Space Averaged Speed for BCF_XB (2031)

	Peak and Non-peak h	our
	All vehicles	
Bin	VMT	Fraction
0-5		0.0
5-10		0.0
10-15		0.0
15-20		
20-25		0.0
25-30		0.0
30-35	E94E	0.0
35-40	5345	100.0
40-45		0.0
45-50		0.0
50-55		0.0
55-60		0.0
		0.0
60-65		0.0
65-70		0.0
70-75		0.0
75-80		0.0
80-85		0.0
85-90		0.0
Total	5345	100.00

Calculation of Space Averaged Speed for NLH and Airport Road (2011)

WWT	KC-1		MC-3		MC-4		MC+5		MG-6		MG.7		MCA		MC-44		Pask Is	6UY														
YMI .	<i>f</i>	Inction	VMT Fra	iction	YAT Fo	ction 1	YMJ Fre	ction V	MT Fra	tion Vi	15 Fau	tion Vi	AT Fructi	-	MC-19 T Fm-16	N VHT	Transford	TAXIS VNT FI		Tex		Tari			Taxl-E		Taxl-T		Tasi		Ť.a.	1-10
		9.6		0.0		0.0		0.0		0.0		0.0		6.63		0	0.0	101 11	10107	181	Fraction	VHT	Fraction	YMT	Fa	ciler,	YMT I	rection	VHT	Frection	VMT	Fr
		9.0		0,8		8,8		0.0		0.0		0.0				2			0.0		0.0		0.0			0.0		0.9		0.0		
		0.0		0.0		0.0		0.0		80						3	0.0		0.9		0.0		0.0			9.0		0.0		0.0		
		9.0		0.0		0.0		6.0		20		22		0.0			0.0		0.0		0 ,B		0,6			0.0		8.0		0.6		
		0.0		0.6		6.0		0.0							9	0	6.Q		0.0		8.0		0.0			0.0		0.0				
		0.0		an		0.0		0.0				0,0		9,9		0	0,0		0.0		0.0		04									
	606,1	2.5	20	0.7	24.1	ñ.,	28.3	6.0		0.0		0,0		0,0	0	.0	0.0		0.0		0.0					0.0		0.0		0,0		
						0.0	20-3	2,1	47.8	8,6	19.3		56.1 0	6,8 5	8.5 3	2 62.3	2.5	178.1	1.8	30.7	5.4	20,4	6.5	1	35,7			6.0		0.0		
						0.0		0.0		0,0	14.8	0.7	43.5 (8,7	7.3 1	.1	ad		0.0				2,1			5.6	28.9	5.8	19,1	5.9	2.2	4
	232.1	20		0.0		0.0		C.D		0.6 22	11.0	98.5 63	73.2 9	6.5 EG	3.8 83	7			2.2		u.s		0.0	4	5.8	0.5]	4,4	0.9	3,4	1.0	0,7	1
	12117.0	1.0	1.8	0.5	55.5	0,7	6.1		38.8	0.7		0.0		6.0		6 23.6	10	108,8			0.0		0.0		568.0	93.2	453.1	93,4	306.2	93.2	44.5	s
	14317.0	49.7	158,7	\$5.7	4577,9	55.3	240.5	43/4 3	125.7	55.2		0.0		8.0		1219.0				251.6	0.5	3.1	0,9	F		0,6]		6,6		0.0		
		9.0		0.0		0.0		0.0		0.0		0.0					· • • •	3837,1	50.1	251,8	47.8	175.8	47,9			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		0.0		
	11439.9	46.9	120,9	43.0	3655.8	43.2	279,0	50.4 2	440.0	13.2							9.0		0.0		0.0		9.0			0.0		0.0		0.0		
		0.0		0.0		0.0		60		0.0		22		0.0	9	0 1156.	47.0	\$337.3	47.4	239.3	45,4	167.3	45.5			0.0		0.0		0.0		
		0,0		0.0		0.0		8.0				22		0.0		.o.	0.0		0,0		0.0		0.0			9.0		0.0				
		0,0		0.0		0.0		0.0						0.0	9	ଣ୍	0.0		0.0		0.0		91			2.0						
		0.0		0.0		6.0		0.0		21		6,0		8.8		୍ଷ	0.0		0.0		0.0					0.01		0.0		0.0		
	24395.0 Sing on HLH at modal speed for th	100.0	281.3	100.0	8450.4	100.0	554.6	100 0 0		0.0		0.0	12.9 10	0.0 70		a	0.0	15285.4	0.0		0.0							0.0		2.0		
	24335.0	0,0 8,0 0,0	281 3	0,0 0.0 0.0	B480.4	0.0 0.0 0.0		0.0 0.0 0.0		0.0 0.0 0.0		6,0 0,0 0,0		0.0 8.9 0.6	0	808	0.0 0.0 0.0		0.0 0.0 0.0		9,9 9,9 9,9		9.0 9.1 0.0			0,0 0,0 0,0		0.0 0.0		6,8 6,8 2,0		

	KC-1		MGA	3 [MC-4		MG-5	NC-4		10.1	-			Rot	peak hour						· · · · · ·						
TWAT		Fraction	VMT F	ration	VAT For	ction VI	AT Fractio	VMT Free	tion VM	I Fracker	VHT Em	with any	MG-10	MG-31	Texi-3 Son VMT Free		Taxi-4	Vax	4	Tex	1.6	Texis	3	Tex	d a	Tax	G18
		0	.0	0.0		0,0	¢,	P	0.0	0.0	1 1/11 CO	0.0	VML PRES	CAN WHAT FAN	WON VMT Free	tion VHT	Fraction	YNT	Fraction	VMT	Fracilion				Frection		Fre
1		0		0.0		0,0	6,	D	0.0	0.0		3.9		10	20	0.0	0.0	9	0.0		0.0		0.0		0.0		
		a.	UE .	0.0		0.0	6.	0	0.0	0.0		0.B		ìo	60	0.0	6,0		9,0		0.0		0.0		0.0		
				0.0		0.0	0.	D	0.0	6,0	•	0.0		10	60	22		1	0.0		0.0		0.0		0,0		
		U.				8.8	0.1	•	0.0	Q.Q	•	0.0			0.0	0.0	0.0	2	9.G		0,0		6.0		6,0		
	505.5	1	š 20		34.0	0.0			0.0	0.0	•	0.0		1.0	0.0	0.0		1	0.0		9.6		0.0		0.0		
					31.2	0,8	28.3 5.	47.6	0.6 1	P.3 0,1	55.1	8,6	38.5 5	2 62.2	2.5 178.5	1.6 30.		20,4	0.0		0.0		0.0		0.0		
		0.		0.0		0.0	0.	6		4.9 Q.3	43.5	0.7	7.9	.1	0.0	0.0]	5.4		5.7 5.9	28.6	5.9	19.3	5.9	2.2	
	232.1		1		55.5	8.0		•	8.0 224	1.0 96,4	6573.2	98.5	563,6 83	1.7	0.0	0.0			0.0		5.6 0,5	4.4	0,9	3.1	1,8	0.7	
				0.00	33.5	1.72	6.1 1.	1 38.8	0.7	0,0	(0,0	4	23.8	1.0 106.8	10 43		3.1	0.0	58;	8.0 93,2	483.1	91.4	305.2	91,2	44.5	
		ň				0.04	6,	0	0.0	0.0	ę –	0.0		0,0	0.0	0.0		4.1	0.5		0,0		0.0		0.0		
			a			0.0		3	8,C	1.0	1	9.6	1	1.0	9.0	0.0	80		0.0		0.0		0.0		0.0		
	23556.8	98	\$ 277.5		6333.7	0.0	19.5 93J		0.0j	8,0	1	0.0		10	8.0	0.0	0.0		0.0		0.0		0.0		0,0		
			3	60	6403.7	20.2	19.6 933	5565.6	99.53	0.0	1	0.0		2375.5	96.5 10974.4	97.5 491.	93.5	332.9	010		0,0		8,0		0.0		
			D	0.0		0.0	8.	9	0.0	0,0	1	0.0		1.0	9.0	0.0			52,5		0.0		0.0		0.0		
			0	56		0.0			9.0	0.0	i	0.0		1.0	9.0	0.0			0.0		0.0		9,0		8.6		
1			0			2.0		3	0.0	23	1	6.0		UD	9.6	0.0	0.5	3			0.0		0.0		9,6		
	24395.0		0 281.3	100.0	1460.4	0.0 100.0 5	0.	0 5650.3 1	0.0	0.0 5.1 100.0		0.0		0 2451.3	0.0	0.0	0.0		0.0		0,0		0.0		0.0		

Columnian of Space Averaged Speed for either made (2031)

MC-4 MC-3 MC-3 28 VKI FortStn. Val. 6.3 179 62. 3 2.4 3 54.5 179 2.4 3 2.4 3 2.4 54.55 178 1.3 2.1 3 2.4 3 3 3.4 1.5 4.6 1.3 3.4	MCC Val Val Val Val MCC MCC MCC 12 6.0 51 5.7 26.8 Val 7 6.6 1.7 23.8 7 7.7 6.6 6.1 1.7 23.8 7 7.7 6.6 6.1 1.7 23.8 7 7.7 7.7 6.6 6.7 7.7.1 1.5 6.6 6.7 1.3 1.9 6.4 6.7 7.7.1 3.6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 6.4 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	Fourties Vall Courtee Mark Townson Serial Jacket	Table Table Table Table Table 100 Frittlen Var Table Var Table 10 Frittlen Var Table Var Table 10 F 10 Var Table Var Table 10 F 10 Var Table Var Table Var 10 F 10 T Table Var Table	Tritre 001 VAIT Fritten 001 001 001 003 002 001 004 002 001 005 002 001 005 002 001 005 002 001 005 002 001 005 002 001 005 002 001 005 002 001
6433 0.5 6 6 6 1533 6 6 6 6 6 1534 6 <t< td=""><td>Verse & Gold & R. P. and T. Gold</td><td>8.6 6.6 6.5 6.5 6.6 6.6 6.5 6.5 6.5 6.6 6.6 6.5 6.5 6.5 6.5 6.6 6.6 6.5</td><td>000 000<td>03 0.5 04 0.5 04 0.5 04 0.5 05 0.5</td></td></t<>	Verse & Gold & R. P. and T. Gold	8.6 6.6 6.5 6.5 6.6 6.6 6.5 6.5 6.5 6.6 6.6 6.5 6.5 6.5 6.5 6.6 6.6 6.5	000 000 <td>03 0.5 04 0.5 04 0.5 04 0.5 05 0.5</td>	03 0.5 04 0.5 04 0.5 04 0.5 05 0.5

3-15 Co 12-75 CO	000 00 000 000 000 00 000 0	6.6 6.8 0.6 0.0 6.3 0.0 0.0 6.3 0.0 0.0 6.4 0.0 0.0 6.4 0.0 0.0 6.4 0.0 0.0 106.3 92.2 15.0 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 0.0 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 0.0 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 0.0 0.0 0.0 0.0	36 32 32 60 36 35 35 55 36 36 36 53 36 36 36 53 36 36 36 53 36 36 36 53 36 36 36 53 36 36 36 36 36 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36 36 30 36 36<	30 88 00 400 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 60 50 50 60 50 50 60 50 50 60 50 60 60 50 60 60 50 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60	Ball Call Call <th< th=""><th>Vall Freetens Vall Freetens Vall Freetens Vall Freetens Call <thcall< th=""> <thcall< th=""> <thcall< th="" th<=""></thcall<></thcall<></thcall<></th></th<>	Vall Freetens Vall Freetens Vall Freetens Vall Freetens Call Call <thcall< th=""> <thcall< th=""> <thcall< th="" th<=""></thcall<></thcall<></thcall<>

Title : Calculation of no. of trips (MC executable)

71 100 602		20 000	70.000
71 109.503 51 247.061	74.873	68.523	79.636
51 247.061 15 406.801	452.425	524.354	399.419
94 428.158	449.663	444.821	429.769
49 313.039	442.887 290.843	408.927	369.007
0.000		269.216	0.000
	0.000	0.000	0.000
	0.000	0.000	0.000
	0.000	0.000	0.000
	0.000	0.000	0.000
0.000	0.000	0.000	
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0.000	0.000	0.000	0.000
) 0.000	0.000	0.000	
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	
2.812	1.884	1.659	2.073
6.484	11.853	13.801	10.473
6 10.661	11.700	11.615	11.207
9 11.179	11.583	10.795	9.712
8.171	7.631	6.968	
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
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0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
5 65.409	43.989	41.673	50.049
151.000	275.630	316.964	241.625
5 248.271	273.108	270.674	260.079
3 259.617	268.749	248.699	222.894
4 189,951	176,832	161.976	222.007
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000
0.000	0.000		
0.000	0.000	0.000	0.000
		0.000	0.000
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	0 0.000 0 0.000 0 0.000 0 0.000	0 0.000 0.000 0 0.000 0.000 0 0.000 0.000 0 0.000 0.000	0 0.000 0.000 0.000 0 0.000 0.000 0.000 0 0.000 0.000 0.000 0 0.000 0.000 0.000 0 0.000 0.000 0.000

		No of trips i	n the study region	for 24 hours	
Diesel MC-1	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0,000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-2	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-3	4.222	2.280	1.378	1.264	1.442
	2.604	5.452	10.647	12.261	9.405
	9.333	9.543	10.647	10.610	10.140
	9.490	10.070	10.472	9.600	8.442
	7.661	7.414	6.859	6.346	
MC-4	124.121	71.024	48.924	44.651	51.943
	81.241	161.360	295.868	342.655	260.931
	251.734	265.892	294.050	290.674	281.380
	263.219	279.905	289.332	267.286	240.896
	210.269	204.465	189.872	176.059	
MC-5	3.804	2.095	1.427	1.263	1.615
	2.391	4.776	8.737	10.345	7.750
	7.490	7.922	8.686	8.606	8.290
	7.872	8.259	8.596	7.938	7.203
	6.292	6.183	5.738	5.220	
MC-6	64.889	37.207	25.578	23.204	26.886
	42.343	84.159	154.478	178.908	136.449
	131.618	138.997	153.450	152.011	146.584
	137.507	145.976	151.085	139.611	125.769
	110.055	106.811	99.206	92.132	
MC-7	29.796	17.277	11.600	10.602	12.303
	19.544	38.830	71.119	82,225	62.644
	60.470	64.162	70.379	69.786	67.691
	63.169	67.589	69.590	64.369	57.954
	50.397	49.263	45.673	42.345	00.044
MC-8	87.529	50.217	34.603	31.389	36.811
	57.515	113.659	208.584	241.966	184.173
	177,899	187.563	207.069	205.184	198.017
	185.821 148.298	197.243	204.207 134.344	188.704 124.484	169.923
	0.000	144.121 0.000	0.000	0.000	0.000
MC-9	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
MC-10	50.603	29.279	20.374	18.676	21.649
110-10	33.017	65.370	119.606	138.694	105.777
	102.125	107.354	118.800	117.574	113.868
	106.820	113.108	116.820	108.506	98.417
	85.009	82.738	77.224	71.409	
MC-11	0.000	0.000	0.000	0.000	0.000
110-11	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	_
MC-12	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
MC-13	0.000	0.000	0.000	0.000	0.000
10-13	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0,000
Electric MC_4					0.000
Electric MC-1	0.000	0.000	0.000	0.000	0.000

		No of trips i	n the study regior	for 24 hours	·····
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-2	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-3	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
MC-4	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000			0.000
	0.000		0.000	0.000	0.000
MOE		0.000	0.000	0.000	
MC-5	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0,000	0.000	0.000	0.000	
MC-6	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-7	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
MC-8	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
MC-9	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000 0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000		0.000
MC-10	0.000	0.000	0.000	0.000 0.000	0.000
MICH IC	0.000	0.000	0.000		0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000		0.000	0.000
	0.000		0.000	0.000	0.000
MC-11		0.000	0.000	0.000	
INC-11	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-12	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	
MC-13	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000

Title : Calculation of no. of trips (taxi executable)

Gas	Taxi-1	0	No of trips in 0	n the study regior		~~~~~
000	i dXI=1	0	0	0	0	0
				0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	
	taxi-2	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	
	taxi-3	24.818	14.285	9.759	8.974	10.34
	f i	16.249	32.285	59.2	68.6	52.209
		50.433	53.216	58.717	58.169	56.142
		52.65	55.99	57.897	53.583	48.204
		42.101	40.898	37.998	35.297	70.204
	taxi-4	0	0	0		•
	taxi-4	Ö	0		0	0
				0	0	0
	1	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	
	taxi-5	0	0	0	0	0
		0	0	1.075	1.293	0.984
		0.946	1.013	1.075	1.071	1.055
		1.005	1.04	1.071	1.013	0
		0	0	0	0	-
	taxi-6	0	0	0	0	0
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		õ			0	0
	taxi-7		0	0	0	
	Laxi-/	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	
	taxi-8	0	0	0	0	0
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	1	0	0	0	0	0
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	taxi-9	Ő	ō	õ	0	0
		õ	0	0	0	
		0	0	0		0
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	Ann: 40	0	0	0	0	
	taxi-10	0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
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	taxi-11	0	0	0	0	0
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	taxi-12	õ	0			^
	GAT-14			0	0	0
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	taxi-13	0	0	0	0	0
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			n the study region		-
Diesel taxi-1	0	0	0	0	0
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taxi-3	0	Õ	0	õ	0
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taxi-4	0	0	0	0	0
	0	0	7.489	8.66	6.549
	6.381	6,683	7.426	7.272	7.093
	6.612	7.068	7.259	6.778	0
	0	0	0	0	
taxi-5	0	0	0	0	0
	0	0	3.958	4.615	3.465
	3.369	3.524	3.949	3.911	3.717
	3.496	3,715	3.908	3.545	0
	0	0	0	0	
taxi-6	18.186	10.872	7.033	6.703	7.97
	11.994	24.037	43.969	50.536	38.824
	37.601	39.394	43.751	43.327	41.575
	39.048	41.575	43.239	39.738	35,797
/ · · ·	31.565	30.2	28.452	26.101	5 70
taxi-7	14.266	8,203	5.458	5.109	5.73
	9.055 28.666	18.904 30.804	33.921 33.723	39.469 33.39	30.421 31.936
	30.502	31.859	33,351	30.897	28.043
	23.985	23.377	22,106	19.964	20.040
taxi-8	8.528	5.021	3.241	3.038	3.42
	5,89	11.288	21.384	24.39	18.615
	18.06	18.814	21.19	20.898	20.338
	18.72	20.338	20.884	18.895	17.536
	15.137	14.821	13.565	12.542	
taxi-9	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	
taxi-10	4.589	2.815	2.093	1.291	2.174
	3.222	6.036	11.16	13.06	10.717
	9.87	10.725 11.087	11.111 11.106	11.106 10.783	11.087 8.625
	10.725 8.11	8.11	7.62	6.393	0.020
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taxi-12	Ő	Õ	0	0	0
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	0	0	0	0	0
	0	0	0	0	
taxi-13	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	
Electric taxi-1	0	0	0	0	0

taxi-2 taxi-3 taxi-4 taxi-4 taxi-4 taxi-5 taxi-5 taxi-5 taxi-10 taxi-11 taxi-12 taxi-12 taxi-13 taxi-13 taxi-13 taxi-13 taxi-14 taxi			No of trips	in the study regio	n for 24 hours	
taxi-2 taxi-3 taxi-4 taxi-4 taxi-4 taxi-4 taxi-5 taxi-7 taxi-7 taxi-10 taxi-11 taxi-12 taxi-12 taxi-12 taxi-13 taxi-14 taxi-		0	0	0	0	
taxi-2 taxi-3 taxi-4 taxi-4 taxi-4 taxi-5 taxi-5 taxi-5 taxi-10 taxi-11 taxi-12 taxi-12 taxi-13 taxi-13 taxi-13 taxi-13 taxi-14 taxi-14 taxi-1 ta				0	0	0
taxi-3 taxi-4 taxi-5 taxi-5 taxi-5 taxi-7 taxi-10 taxi-12 taxi-12 taxi-12 taxi-13 taxi-12 taxi-13 taxi-13 taxi-13 taxi-14 taxi-13 taxi-14 taxi			0	0	0	0
taxi-3 taxi-4 taxi-5 taxi-6 taxi-7 taxi-7 taxi-10 taxi-12 taxi-12 taxi-13 taxi-13 taxi-13 taxi-13 taxi-14 ta			0	0	0	
taxi-3 taxi-4 taxi-5 taxi-5 taxi-6 taxi-7 taxi-10 taxi-12 taxi-13 taxi-13 taxi-13 taxi-13 taxi-13 taxi-14 taxi	taxi-2	0	0	0	0	0
taxi-3 taxi-4 taxi-4 taxi-6 taxi-7 taxi-8 taxi-10 taxi-12 taxi-12 taxi-13 taxi-13 taxi-13 taxi-14 taxi-14 taxi-14 taxi-14 taxi-14 taxi-14 taxi-		0	0	0		
taxi-3 taxi-4 taxi-5 taxi-5 taxi-5 taxi-6 taxi-7 taxi-8 taxi-10 taxi-11 taxi-12 taxi-12 taxi-13 taxi-13 taxi-13 taxi-14 taxi-14 taxi-14 taxi-15 taxi-14 taxi-14 taxi-14 taxi-15 taxi-15 taxi-14 taxi		0	0			
taxi-3 taxi-4 taxi-5 taxi-5 taxi-5 taxi-7 taxi-6 taxi-7 taxi-10 taxi-11 taxi-12 taxi-13 taxi-13 taxi-13 taxi-13 taxi-13 taxi-13 taxi-13 taxi-14 taxi-13 taxi-14 taxi-1						
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taxi-5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tovi A					
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Number of trips is zero for the following road categories:

- HKRL
 BCF associated roads (both connecting to Airport and BCF)
 NLH and Airport Roads

					MC Exec	cutable							<u></u>						
	MC-1	MC-3	MC-4	MC-5 (G)	MC-5 (D)	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxi-4(G)	Taxi-4(D)	Taxi-5(G)	Taul E(D)	-			
Age	PC+LGV-	PC+LGV		it PLB - petrol	PLB - diesel	LGV>3.5t -	HGV<15t	HGV>15t	FBDD	MC - petrol	Taxi	PrLB<3.5t-			Taxi-5(D) PrLB>3.5t-	Taxi-6	Taxi-7	Taxi-8	Taxi-1
	petrol	<2,5t-diesel	diesel			diesel				,		petrol	diesel	LPG	diesel	NFB<6.4t	NFB6.4-15t	NFB>15t	FBSt
1	33270	5	3308	52	61	1104	571	1553	68	4133	336	0	319	108					
2	27133	2	3158	60	16	1140	556	1585	114	3878	389	0 0	121		80	193	156	207	5
3	26360	1	3013	1075	89	1151	578	1605	50	4186	449	0	266	70	29	182	170	203	0
4	26624	1	2178	673	191	1227	538	1885	177	4277	584	õ	200	34	28	157	156	250	3
5	21979	1	1563	333	133	1084	354	1367	191	3808	1483	õ	253	66	60	202	116	171	7
6	29019	1	1712	285	42	1390	539	1554	410	3686	2609	0		90	19	312	128	168	14
7	32351	3	2102	17	158	1538	428	1526	359	3040	9235	0	234	48	34	393	146	172	0
8	31297	2	2372	0	136	1784	506	2258	381	2160	3002	0	189	3	63	438	238	156	3
9	25779	4	2417	0	174	1353	472	1372	487	2025	73	0	343	2	79	357	157	99	19
10	27820	130	3109	0	167	1437	419	1400	921	1732	0	0	213	0	140	265	205	85	38
11	32658	272	3441	O	196	2268	649	2297	751	1718		•	253	0	189	198	223	106	127
12	14995	185	1952	0	122	1785	442	1782	388	1197	4	0	208	0	150	210	212	73	13
13	12173	267	1819	0	116	1535	519	1557	380	894	2	0	60	0	86	195	306	42	3
14	13464	394	2209	0	111	1779	713	1823	318	562	1	0	75	0	165	147	210	23	17
15	8391	460	2466	0	74	2090	927	1837	207	328	0	0	49	0	141	54	66	5	18
16	4786	286	1862	0	29	2022	1043	2150	158		0	0	36	0	77	43	30	0	59
17	1900	241	630	0	22	701	674	1400		209	0	0	26	0	55	15	44	41	21
18	1101	304	376	0	14	491	289	894	156	144	0	0	0	0	56	0	64	0	21
19	697	207	78	0	4	342	205	634	6	109	0	0	0	0	26	0	42	0	1
20	432	139	25	ō	0	233	166		0	98	0	0	7	0	23	0	13	õ	0
21	247	101	12	0	õ	102	79	429	0	39	0	0	0	0	10	0	10	õ	õ
22	204	61	6	Ď	0 0	35	34	308	0	28	0	0	0	0	9	0	5	5	ő
23	112	8	3	õ	0	5		81	0	10	0	0	5	0	0	Ō	õ	2	0
24	53	7	õ	õ	o	2	13	94	0	5	0	0	0	0	3	0	õ	0	ő
25	40	7	2	0	õ	0	4 0	13	0	5	0	0	0	0	0	ō	0	10	Ő
26	93	4	0	0 0	0	0		7	0	10	0	0	0	0	0	ō	õ	7	0
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28	95	5	ů	0	0	4 0	1	2	0	20	0	0	0	0	D	1	õ	0	
29	51	3	õ	0	0	0	0	3	0	11	0	0	0	0	ō	o O	õ	0	0 0
30	42	4	ő	õ	0	•	0	0	0	7	0	0	0	0	0	õ	õ	0	-
31	38	5	0	0	0	1	0	0	0	2	0	0	0	0	0	õ	0	0 1	0
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34	31	õ	ő	0	-	0	0	0	0	1	0	0	0	Ō	õ	ő	0	0	0
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36	28	0	0	-	0	0	0	0	0	8	0	0	0	Õ	ů	0	-	0	0
37	18	0	0	0	0	0	0	0	0	4	0	0	Ö	ŏ	0 0	0	0 0	0	0
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HKSAR cross-boundary vehicle population assumed for assessment year 2031 (by Age Groups) to be adopted in Emfac

					MC Exec	utable													
	MC-1	MC-3	MC-4	MC-5 (G)	MC-5 (D)	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxi-4(G)							
ge	PC+LGV-	PC+LGV	LGV2.5-3.5t	PLB - petrol	PLB - diesel	LGV>3.5t -	HGV<15t	HGV>15t	FBDD	MC - petrol	Taxi		Taxi-4(D)	Taxi-5(G)	Taxi-5(D) PrLB>3.5t-	Taxi-6	Taxi-7	Taxi-8	Taxi-
	petrol	<2.5t-diesel	diesel			diesel				mo - peret	1 0 1	petrol	diesel			NF8<6.4t	NFB6.4-15t	NFB>15t	FBS
1	717	0	6	0	0	82	68	756	0	0	0	0		petrol	diesel				
2	849	0	8	0	0	76	69	807	õ	o l	0	0	0	0	0	4	0	48	0
3	764	0	8	0	0	74	82	701	õ	o	0		0	0	0	4	0	49	0
4	801	1	8	0	0	79	98	1309	ŏ	0	0	0	0	0	0	4	0	95	0
5	528	0	4	0	0	52	67	823	õ	0	0	0	0	0	0	5	6	43	c
3	559	0	14	0	0	56	93	640	õ	0	-	0	0	0	0	3	4	17	(
7	612	0	10	0	0	114	143	1149	0		0	0	0	0	0	0	12	65	(
1	359	1	6	0	0	98	91	965	0	0	0	. 0	0	0	0	1	30	68	4
)	309	0	3	0	ō	88	117	878	-	0	0	0	0	0	0	5	25	38	
0	348	0	8	0	ō	88	145		0	0	0	0	0	0	0	3	28	7	
1	204	0	4	0	ő	89	201	1065	0	0	0	0	0	0	0	2	9	1	(
2	210	1	4	0	ő	102		1151	0	0	O	0	0	0	0	0	9	1	4
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Summary of VMT for each hour for BCF (cross-boundary vehicles)

	our	MC-1	MC-3	MC-4	MC-5(G)	MC-5(D)	MC-6	MC-7	MC-8	MC-10	MC-11	7								
0:00	1:00	583	0	5	0	0	54	82	647	0	0	Taxl-3	Taxi-4	Taxi-5(L)	Taxi-5(D)	Taxi-6	Taxl-7	Taxi-8	TaxI-10	Total
1:00	2:00	405	0	5	0	0	36	59	451	0	0	0	0	0	0	11	45	153	0	1580
2:00	3:00	244	0	0	Ó	0	23	33	271	0	U	0	0	0	0	7	29	106	Ō	1098
3:00	4:00	198	0	0	Ō	0	18	28	217	U O	U	0	0	0	0	5	18	64	Ď	659
4:00	5:00	201	0	0	ō	ñ	18	28	223	U	0	0	0	0	0	5	16	52	0	534
5:00	6:00	367	0	2	ō	õ	33	20 54	407	0	0	0	0	0	0	5	16	53	Õ	545
6:00	7:00	729	0	5	ő	ů	64	102		U	0	0	0	0	0	5	29	98	õ	995
7:00	8:00	1273	0	10	ő	0 n	113	102	809	0	0	0	0	0	0	13	56	191	Ő	1969
8:00	9:00	1599	Ō	10	ů n	0	144		1404	0	0	0	0	0	0	24	98	331	ŏ	3431
9:00	10:00	1563	Ō	10	0	0	144	226	1768	0	0	0	0	0	0	29	122	420	õ	4318
10:00	11:00	1727	ō	10	õ	0	156	221	1726	0	0	0	0	0	0	29	117	409	0	4316
11:00	12:00	1893	ō	12	Ö	0	156	243	1911	0	0	0	0	0	0	34	133	452	0	4215
12:00	13:00	1957	õ	12	0	0	170	266	2093	0	0	0	0	0	0	34	143	497	ō	4000 5108
13:00	14;00	1953	ŏ	12	0	0	174	274	2162	0	0	0	0	0	0	39	149	513	0	5284
14:00	15:00	1659	õ	10	ō	o	174	274	2159	0	0	0	0	0	0	36	149	510	0 0	5267
15:00	16:00	1775	Ō	10	ŏ	0		233	1833	0	0	0	0	0	0	34	128	436	õ	
16:00	17:00	1875	õ	12	0	0	161 167	249	1963	0	0	0	0	0	0	34	133	465	0	4483 4790
17:00	18:00	1979	ō	15	ň	õ	177	264	2070	0	0	0	0	0	0	34	143	492	ŏ	5059
18:00	19:00	1904	ō	12	õ	0	172	279	2188	0	0	0	0	0	0	39	151	517	õ	5345
19:00	20:00	1845	0	12	ŏ	0	167	269	2106	0	0	0	0	0	0	36	145	499	õ	5144
20:00	21:00	1591	ō	10	ň	0	141	259	2039	0	0	0	0	0	0	34	140	485	õ	4981
21:00	22:00	1376	õ	10	0	0	123	226	1758	0	0	0	0	0	0	29	122	417	õ	4981
22:00	23:00	1062	õ	5	0	0	97	194	1520	Ŭ	0	0	0	0	0	27	104	359	0	3713
23:00	0:00	1041	õ	5	n	0		151	1175	0	0	0	0	0	0	21	80	277	õ	2870
	Total	30802	0	193	0	0	92 2767	146	1150	0	0	0	0	0	0	18	80	273	ō	2806
				100	<u> </u>	Ů.	4/0/	4340	34050	0	0	0	0	0	0	587	2347	8069	0	83154

Note :

[1] The definition of PrLB is defined in Roads Ordinance. This includes light bus for school, handicapped and works unit. Owing to the operation nature, it is reasonable to assume the operation time is between 0700 to 1900. The VMT during the other hours is zero.

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-dlesel

MC-4 LGV2.6-3.5t-diesel

- MC-5 PLB (LPG/Diesel)
- MC-6 LGV>3.5t-diesel
- MC-7 HGV<151-diesel
- MC-B HGV>15t-diesel
- MC-10 Fran DD bus - diesel
- MC-11 Motorcycle -petrol
- Taxi-3 Taxi
- Taxi-4 PrLB<3.5t-dieset Taxi-5
- PrLB>3.5t (LPG/Diesel) Taxi-6 Non-tran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15t-diesel

Taxi-B Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

VMT Summary

BCF (HK) - VMT.xls

Summary of VMT for each hours for BCF (HK vehicles)

	bur	MC-1	MC-3	MC-4	MC-5(G)	MC-5(D)	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxi-4	Taxi-5(L)	Taxi E(D)	Total C		7		
0:00	1:00	983	7	195	11	9	132	52	156	28	99	240	1 871-49		Taxi-5(D)	Taxi-6	Taxi-7	Taxi-8	Taxi-10	Total
1:00	2:00	590	4	119	5	4	78	31	95	17	60	143				65	51	35	1	2153
2:00	3:00	422	3	84	4	3	56	22	67	13	42					39	30	21	1	1291
3:00	4:00	298	0	59	3	2	39	15	47	10	42 31	104				26	23	15	0	922
4:00	5:00	319	2	63	3	3	41	16	50	11		72				21	16	8	0	646
5:00	6:00	795	4	158	9	7	106	43	126		32	78				21	17	11	0	695
6:00	7:00	2007	11	403	24	18	270	108	317	23	80	194				52	42	27	1	1740
7:00	8:00	3403	21	683	40	31	456	183		55	204	491				132	106	72	3	4411
8:00	9:00	3782	25	758	46	34	506	204	539	91	346	831	192	27	102	224	179	121	5	7474
9:00	10:00	3131	20	627	37	29	420	169	598	103	386	925	213	30	113	248	200	135	6	8312
10.00	11:00	3238	20	650	39	29	433	189	495	85	318	765	176	25	93	206	165	111	4	6876
11:00	12:00	3384	21	679	40	31	454		512	87	329	793	180	26	96	213	171	116	4	7111
12:00	13:00	3572	23	716	42	32	434	183	536	90	345	828	192	26	101	224	178	121	5	7435
13:00	14:00	3553	23	712	42	32		191	565	94	364	873	201	29	106	234	188	129	5	7842
14:00	15:00	3601	23	721	44		475	191	562	94	362	868	200	28	106	234	188	128	5	7803
15:00	16:00	3169	20	635	37	32	482	194	569	98	366	881	203	30	106	237	191	129	5	7913
16:00	17:00	2945	19	589		29	425	171	502	86	323	774	178	. 25	94	210	168	113	4	6965
17:00	18:00	3323	20	569 667	36	27	395	158	467	81	299	721	166	24	86	193	156	105	4	6472
18:00	19:00	3770	25	757	39	30	445	179	527	89	338	812	187	26	99	219	176	119	5	7301
19:00	20:00	3213	20		46	34	504	203	596	103	383	921	212	30	111	248	199	134	6	8282
20:00	21:00	3051		646	38	29	429	173	508	86	328	787				212	170	114	4	7057
21:00	22:00	3084	20	612	37	28	409	164	482	83	311	747				201	161	109	4	6705
22:00	23:00		20	618	37	28	414	165	487	83	314	755				203	163	109	4	6772
23:00		3017	20	605	36	28	404	162	477	83	307	738				199	158	108	4	6630
23.00	0:00 Total	2265	15	454	27	20	303	123	360	60	231	553				150	121	82	3	4983
L	rotai	60918	386	12211	721	546	8154	3273	9640	1650	6197	14894	2300	325	1213	4012	3215	2174	88	-
														- 44 4		7012	0210	21/4	00	133789

Note :

[1] The definition of PrLB is defined in Roads Ordinance. This includes light bus for school, handicapped and works unit. Owing to the operation nature, it is reasonable to assume the operation lime is between 0700 to 1900. The VMT during the other hours is zero.

Vehicle classes

- MC-1 PC+LGV-petrol
- MC-3 PC+LGV<2.6-diesel
- MC-4 LGV2.6-3.5t-dieset
- MC-5 PLB (LPG/Diesel)
- MC-6 LGV>3.5t-diesel
- MC-7 HGV<15t-diesel
- MC-8 HGV>15t-diesel
- MC-10 Fran DD bus - diesel
- MC-11 Motorcycle -petrol
- Taxi-3 Taxi
- Taxi-4 PrLB<3.5t-diesel
- Taxi-5 PrLB>3.5! (LPG/Diesei) Taxi-6
- Non-fran bus<6.41-diesel
- Taxi-7 Non-fran bus<6.4-15I-diesel
- Taxi-8 Non-fran bus>15t-diesel
- Taxi-10 Fran SD bus - diesel

Summary of VMT for each hour fer HKL&(cross-boundary vehicles)

	our	MC-1	MC-3	MC-4	MC-5(G)	MC-5(D)	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxl-4	Tend Ett 1	Tout con					
0:00	1:00	1987	0	17	0	0	177	269	2122	0	0	0	1 aAI-4	Taxi-5(L)	Taxi-5(D)	Taxl-6	Taxl-7	Taxi-8	Taxi-10	Total
1:00	2:00	1372	0	17	0	0	118	194	1482	0 0	ő	0	0 A	U	U	34	143	488	0	5237
2:00	3:00	825	0	0	0	0	76	109	893	ñ	ŏ	0	0	U	U	25	93	337	0	3637
3:00	4:00	674	0	0	0	0	59	93	707	n	0	0	0	U	0	17	59	202	0	2181
4:00	5:00	682	0	0	0	Ð	59	93	733	õ	0	0	U	U	0	17	51	160	0	1760
5:00	6:00	1246	0	8	0	Ō	109	177	1339	0	0	U	U O	0	0	17	51	168	0	1802
6:00	7:00	2475	0	17	0	ō	211	337	2653	0	0	0	0	0	0	17	93	311	0	3301
7:00	8:00	4327	0	34	0	ō	371	589	4606	0	0	U	0	0	0	42	177	606	0	6517
8:00	9:00	5439	0	34	0	ñ	472	741	5802	0	0	U	0	0	0	76	311	1044	0	11358
9:00	10:00	5312	0	34	õ	Ő	463	724	5667	U	0	U	0	0	0	93	387	1330	Ó	14297
10:00	11:00	5868	ō	34	ñ	ő	514	800	6273	0	0	0	0	0	0	93	370	1296	ō	13960
11:00	12:00	6432	0	42	ñ	0	556	867	6871	0	0	0	0	0	0	109	421	1431	ō	15450
12:00	13:00	6651	Õ	42	ů 0	0	581	901		0	0	0	0	0	0	109	455	1574	õ	16907
13:00	14:00	6634	ō	42	õ	ň	573	901	7107 7090	0	0	0	0	0	0	126	471	1625	Ō	17505
14:00	15:00	5641	ō	34	õ	ő	488	766	7090 6021	U	0	0	0	0	0	118	471	1616	ō	17446
15:00	16:00	6036	0	34	ő	ñ	531	817	6442	0	0	0	0	0	0	109	404	1381	0	14844
16:00	17:00	6373	0	42	Ô	ñ	547	867	6804	U O	U	0	0	0	0	109	421	1473	0	15863
17:00	18:00	6727	0	51	ñ	õ	581	918	7183	0	0	0	0	0	0	109	455	1557	ō	16755
18:00	19:00	6474	Ó	42	õ	õ	564	884	6913	0	0	0	0	0	0	126	480	1642	Ō	17707
19:00	20:00	6272	0	42	õ	õ	547	850	6694	0	0	0	0	0	0	118	463	1583	Ō	17041
20:00	21:00	5405	0	34	õ	õ	463	741	5777	U D	0	0	0	0	0	109	446	1532	0	16494
21:00	22:00	4672	0	34	0	õ	404	640	4985	U O	U	0	0	0	0	93	387	1322	0	14221
22:00	23:00	3612	0	17	õ	õ	312	497	3857	0	0	0	0	0	0	84	328	1137	o	12285
23:00	0:00	3536	Ö	17	ō	ñ	303	497	3037	0	U	0	0	0	0	67	253	876	Ō	9489
	Total	104671	0	665	0	0	9078	14256	111794	<u> </u>	<u> </u>	0	0	0	0	59	253	867	0	9287
							0010	142,00	111794	0	0	0	0	0	0	1877	7442	25559	0	275342

Note :

[1] The definition of PrLB is defined in Roads Ordinance. This includes light bus for school, handicapped and works unit. Owing to the operation nature, it is reasonable to assume the operation time is between 0700 to 1900. The VMT during the other hours is zero.

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

- MC-4 LGV2.6-3.5t-diesel
- MC-5 PLB (LPG/Diesel)
- MC-6 LGV>3.5I-diesel
- MC-7 HGV<151-diesel
- MC-8 HGV>15t-diesel MC-10 Fran DD bus - diese
- MC-10 Fran DD bus diesel MC-11 Motorcycle -petrol
- Taxi-3 Taxl
- Taxi-4 PrLB<3.5t-diesel
- Taxl-5 PrLB>3.5! (LPG/Diesei)
- Taxi-6 Non-Iran bus<6.41-diesel
- Taxi-7 Non-fran bus<6.4-151-diesel
- Taxi-8 Non-fran bus>15t-diesel
- Taxi-10 Fran SD bus diesel

VMT Summary

NLH (HK) - VMT.xis

Summary of VMT for each hour for NLH & Alrport Roads (HK vehicles)

Но		MC-1	MC-3	MC-4	MC-5(G)	MC-5(D)	MC-6	MC-7	MC-8	MC-10	MC-11	Tevel 0								
0:00	1:00	7219	81	2504	99	70	1670	671	1975	208		Taxi-3	Taxi-4	Taxi-5(L)	Taxi-5(D)	Taxi-6	Taxi-7	Taxi-8	Taxi-10	Total
1:00	2:00	4335	52	1499	55	45	1007	403	1185	131	730	3332				184	142	97	14	19259
2:00	3:00	3086	36	1073	39	31	715	284	843		437	2003				110	89	59	14	11577
3:00	4:00	2183	24	760	31	18	507	207	597	87	315	1429				81	60	44	0	8239
4:00	5:00	2339	29	812	31	24	544	217	641	63	222	1009				54	44	29	0	5821
5:00	6:00	5835	67	2027	77	55	1356	545	1601	69	236	1080				59	44	30	0	6243
6:00	7:00	14734	170	5107	189	148	3414	1372	4032	170	588	2693				147	119	82	14	15587
7:00	8:00	24989	284	8663	328	242	5792	2332	4032 6842	427	1485	6800				371	298	200	31	39306
8:00	9:00	27766	321	9630	368	273	6434	2594	7604	724	2524	11531	541	82	282	625	498	342	47	66667
9:00	10:00	22981	260	7970	305	226	5328	2394		810	2805	12811	601	89	313	697	558	380	55	74107
10:00	11:00	23777	269	8250	317	232	5509	2221	6285 6507	664	2323	10608	497	74	260	580	467	313	45	61333
11:00	12:00	24852	284	8618	328	242	5756	2318	6799	693	2402	10976	513	74	268	596	482	326	45	63456
12:00	13:00	26216	300	9093	343	257	6075	2445	7177	724	2509	11468	535	75	282	624	498	342	47	66301
13:00	14:00	26081	297	9048	343	257	6039	2445	7140	763	2647	12105	564	82	298	655	527	358	54	69959
14:00	15:00	26439	300	9168	350	257	6128	2452		755	2631	12035	558	82	298	655	527	356	47	69581
15:00	16:00	23268	266	8066	305	226	5390	2400	7236	771	2668	12200	565	82	298	668	536	358	54	70546
16:00	17:00	21624	245	7498	287	211	5015	2020	6372 5918	677	2346	10743	499	74	266	586	469	314	45	62082
17:00	18:00	24395	281	8460	319	235	5650	2020		630	2180	9982	468	66	245	542	438	298	39	57706
18:00	19:00	27667	315	9594	361	273	6410	2587	6673 7574	708	2461	11261	527	75	281	609	496	329	47	65084
19:00	20:00	23588	269	8184	305	232	5469	2200		803	2791	12769	594	89	312	696	558	379	55	73823
20:00	21:00	22405	260	7773	296	218	5195	2095	6455	681	2382	10891				592	481	325	45	62953
21:00	22:00	22636	260	7848	296	219	5246	2095	6134	654	2265	10339				563	452	310	45	59813
22:00	23:00	22149	254	7685	289	218	5136	2071	6194	655	2282	10446				571	454	311	45	60391
23:00	0:00	16621	193	5762	218	163	3852	1551	6066	646	2237	10225				558	446	299	45	59124
	Total	447186	5117	155091	5876	4371	103636	41736	4547 122399	483	1679	7673				416	341	230	31	44354
								41100	122399	12995	45146	206410	6462	945	3403	11239	9023	6111	865	1193311

Note :

[1] The definition of PrLB is defined in Roads Ordinance. This includes light bus for school, handicapped and works unit. Owing to the operation nature, it is reasonable to assume the operation time is between 0700 to 1900. The VMT during the other hours is zero.

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-dlesel

- MC-4 LGV2.6-3.5t-diesel
- MC-5 PLB (LPG/Dieset)
- MC-6 LGV>3.5t-diesel
- MC-7 HGV<15t-diesel
- MC-8 HGV>15t-diesel
- MC-10 Fran DD bus - diasel
- MC-11 Molorcycle -petrol
- Taxi-3 Taxi Taxi-4

.

- PrLB<3.5t-diesel Taxi-5
- PrLB>3.5l (LPG/Diesel) Taxi-6 Non-fran bus<6.4t-diese/
- Taxi-7 Non-fran bus<6.4-15t-diesel
- Taxi-8 Non-fran bus>15t-diesel
- Taxi-10
- Fran SD bus diesel

Summary of VMT for each hours for other roads

	our	MC-1	MC-3	MC-4	MC-5(G)	MC-5(D)	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxl-4	Test FO V	Total C(D)					
0:00	1:00	2609	48	1544	218	165	1033	415	1218	481	258	1303	1 d A 1-4	Taxl-5(L)	Taxi-5(D)	Taxl-6	Taxi-7	Taxl-8	Taxi-10	Total
1:00	2:00	1502	26	884	122	91	592	241	699	279	147	750				221	180	116	30	10164
2:00	3:00	1027	16	609	82	62	407	162	482	194	99	512				132	103	69	18	5832
3:00	4:00	940	14	555	72	55	369	148	437	178	94	471				86	69	44	14	3980
4:00	5:00	1092	16	646	90	70	428	171	512	206	113	543				82	64	41	8	3635
5:00	6:00	1708	30	1011	140	104	674	272	801	314	168					97	72	47	14	4243
6:00	7:00	3388	62	2007	281	207	1340	541	1582	622		853				146	114	80	21	6636
7:00	8:00	6204	121	3681	515	379	2459	990	2904	1138	340	1695				292	239	154	39	13210
8:00	9:00	7191	139	4263	599	449	2848	1145	3368	1319	620	3109	460	66	243	535	428	292	73	24216
9:00	10:00	5477	107	3246	455	336	2172	872	2564	1006	713	3603	532	79	283	615	498	333	85	28062
10:00	11:00	5288	106	3132	435	325	2096	842	2364	972	543	2742	402	60	213	472	384	254	70	21376
11:00	12:00	5579	108	3308	463	344	2213	894	2611	1021	531	2649	392	58	207	457	362	247	64	20637
12:00	13:00	6166	121	3658	508	377	2443	980	2883	1130	558 614	2795	410	62	216	479	389	257	70	21776
13:00	14:00	6100	120	3616	504	374	2420	972	2856	1118	609	3084	456	66	242	532	425	289	72	24047
14:00	15:00	5894	115	3500	487	360	2334	943	2757	1083	585	3055	447	66	240	527	421	285	72	23803
15:00	16:00	5529	108	3274	457	342	2189	880	2587	1005	553	2948	436	65	228	506	403	278	72	22992
16:00	17:00	5872	114	3482	485	359	2324	941	2746	1076	584	2765 2940	406	62	215	475	385	256	70	21567
17:00	18:00	6074	119	3599	503	373	2405	969	2843	1111	604	2940	434	64	228	506	402	278	72	22906
18:00	19:00	5608	109	3325	469	345	2223	896	2627	1032	559	2814	446	66	240	526	421	285	72	23696
19:00	20:00	5060	96	2997	422	313	2002	807	2365	936	501	2531	416	62	218	483	390	258	70	21904
20:00	21:00	4422	87	2616	365	273	1752	702	2064	809	438	2001				435	354	239	56	19742
21:00	22:00	4293	84	2543	355	268	1701	686	2006	787	430	2148				384	303	207	53	17226
22:00	23:00	3988	78	2362	331	249	1579	636	1870	735	398	1995				367	295	202	53	16743
23:00	0:00	3692	72	2190	303	227	1467	590	1733	679	364	1854				346	279	185	50	15569
L	Total	104702	2013	62046	8660	6447	41474	16695	48992	19243	10419	52412	5236	776	2774	317	252	171	42	14402
													0200	110	2//4	9018	7231	4867	1260	408366

Note :

[1] The definition of PrLB is defined in Roads Ordinance. This includes light bus for school, handicapped and works unit. Owing to the operation nature, it is reasonable to assume the operation time is between 0700 to 1900. The VMT during the other hours is zero.

Vehicle classes

MC-1 PC+LGV-psirol

MC-3 PC+LGV<2.8-diesel

MC-4 LGV2.6-3.51-diesel

- MC-5 PLB (LPG/Diesel)
- MC-6 LGV>3.5t-diesel
- MC-7 HGV<15t-diesel
- MC-8 HGV>15t-diesel
- MC-10 Fran DD bus diesel
- MC-11 Motorcycle -petrol Taxi-3 Taxi
- Taxi-3 Taxi Taxi-4 PrL6
- Taxi-4 PrLB<3.5t-diesel Taxi-5 PrLB>3.5t (LPG/Diesel)
- Taxi-6 Non-fran bus<6.4t-diesel
- Taxi-7 Non-fran bus<6.4-15t-diesel
- Taxi-8 Non-fran bus>15t-diasel
- Taxi-10 Fran SD bus diesel

APPENDIX 5F-2

Vehicle Emission Factors for 2031 (including composite vehicle emission factor for each road link) Calculation of NOX Emission Factor (gm/mile/vehicle) for each hours for BCF (HK)

	our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	Tanto						
0:00	1:00	0.111	0.222	0.226	0,109	1.300	2.384	3.097	1.877	1.043	Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.111	0.222	0.226	0.113	1,299	2.382	3.097	1.875		0.291	#DIV/0!	#DIV/0!	1.291	2.362	3,099	1,427
2:00	3:00	0.111	0.239	0.225	0.104	1.302	2.388	3,101	1.876	1.045	0.291	#DIV/01	#DIV/0!	1.290	2.360	3.095	1.357
3:00	4:00	0.112	0,315	0.227	0.110	1.304	2.386	3.103	1.884	1.049	0.292	#DIV/01	#DIV/01	1.292	2.364	3,098	#DIV/0!
4:00	5:00	0.112	0,225	0.226	0,109	1.304	2.394	3.108	1.882	1.055	0.293	#DIV/0!	#DIV/01	1.294	2.364	3.099	#DIV/0!
5:00	6:00	0.113	0.239	0.227	0,105	1.307	2.395	3.113		1.058	0.294	#DIV/01	#DIV/01	1.297	2.373	3.105	#DIV/0!
6:00	7:00	0,113	0,233	0.227	0.109	1.308	2.398	3.115	1.886	1.060	0.295	#DIV/0!	#DIV/0!	1,298	2.375	3.113	1.437
7:00	8:00	0.115	0.232	0.229	0,108	1,318	2.333		1.888	1.062	0.295	#DIV/0!	#DIV/01	1.299	2.375	3.115	1.450
8;00	9:00	0.115	0.232	0.229	0.107	1.320	2.421	3,140	1,896	1.050	0.298	0.229	0.198	1.313	2.402	3.150	1.455
9:00	10:00	0.115	0.231	0.229	0.109	1.321	2.422	3,145	1.899	1.048	0.299	0.230	0.198	1.315	2.405	3,155	1.451
10:00	11:00	0.115	0.231	0.229	0.107	1.320	2.422	3.147	1,900	1.045	0.300	0.230	0.198	1.316	2.406	3.157	1.464
11:00	12:00	0,116	0.232	0.229	0.109	1.320	2.420	3.144	1.899	1.039	0.300	0,229	0,197	1.315	2.405	3,154	1.464
12:00	13:00	0,116	0.230	0,229	0.109	1.320	2.420	3.144	1.898	1.035	0.300	0.230	0.199	1.315	2,404	3.153	1.455
13:00	14:00	0,116	0.230	0.229	0.108	1.318	2,417	3.144	1.899	1.034	0.301	0.230	0.197	1.315	2.404	3.154	1.446
14:00	15:00	0.115	0.230	0.228	0.105	1.316	2.412	3.140	1.896	1.029	0.301	0.229	0.198	1.313	2.401	3,149	1.455
15:00	16:00	0.115	0.231	0.228	0.109	1,316	2.412	3.134	1.893	1.026	0.300	0.229	0.195	1.311	2.397	3.144	1,446
16:00	17:00	0,115	0.232	0.228	0.107	1.316	2.413	3.134	1.893	1.026	0.299	0.229	0.197	1.311	2.397	3.144	1.441
17:00	18:00	0.114	0.229	0.228	0.108	1.314	2.413	3.134	1.892	1.028	0.298	0.229	0.196	1.311	2,397	3.144	1.441
18:00	19:00	0.114	0.228	0.228	0.106	1.313	2,407	3.131	1.891	1.029	0.296	0.229	0.197	1.309	2.394	3,140	1.455
19:00	20:00	0.113	0.231	0.228	0.106	1.313	2.407	3.127	1.888	1.030	0,295	0.229	0.196	1.308	2.391	3.136	1.451
20:00	21:00	0.114	0.228	0.228	0.107	1.313	2.407	3.127	1.888	1.031	0.295	#DIV/0!	#DIV/01	1.308	2.392	3,136	1.441
21:00	22:00	0.113	0.231	0.228	0.108	1.312	2.409	3.129	1.890	1.034	0.295	#DIV/01	#DIV/0!	1.309	2.392	3.138	1.441
22:00	23:00	0,113	0.228	0.228	0.108	1,312	2.405	3.126	1.888	1.033	0.295	#DIV/0!	#DIV/0!	1.307	2.390	3.136	1.441
23:00	0:00	0.111	0.226	0.226	0.108	1.301	2.405	3.125	1.887	1.034	0.294	#DIV/01	#DIV/0!	1.307	2.389	3.134	1.441
	Day	0.114	0.230	0.228	0,108	1.315	2.305	3.099	1.879	1.042	0.291	#DIV/01	#DIV/01	1.292	2.363	3.099	1.450
				0.000	0,100	1.010	2.411	3.132	1.892	1.037	0.297	0.229	0.197	1.309	2,394	3,140	1.451
Note:																	

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-dieset

MC-7 HGV<15t-diesel

МС-В HGV>15t-diesel

Fran DD bus - diesel MC-10

MC-11 Motorcycle -petrol

Taxi-3 Taxi

Taxi-4 PrLB<3.5t-diesel

Taxi-5 PrLB>3.5I (LPG/Diesel) Taxi-6

Non-fran bus<6.4t-diesel Taxi-7 Non-fran bus<6.4-15t-diesel

Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

Calculation of RSP Emission Factor (gm/mile/vehicle) for each hours for BCF (HK)

На	ur	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	T						
0:00	1:00	0.005	0.074	0.064	0.078	0.062	0.081	0.073			Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.005	0.083	0.063	0.072	0.062	0.080	0.073	0.043	0.039	0.028	#D1V/0!	#DIV/01	0.045	0.071	0,067	0.075
2:00	3:00	0.005	0,090	0.063	0.078	0.061	0.082	0.073	0.041	0.038	0.027	#DIV/0!	#DIV/01	0.046	0.070	0.066	0.000
3:00	4:00	0.005	0.000	0.063	0.074	0.061	0.082		0.048	0.038	0.028	#DIV/01	#DIV/0!	0.046	0.071	0.068	#DIV/01
4:00	5:00	0.005	0.056	0.063	0.078	0.060	0.079	0.072	0.040	0.039	0.028	#DIV/01	#DIV/0!	0.044	0.069	0.060	#DIV/0!
5:00	6:00	0,005	0.072	0.063	0.072	0.062	0.083	0.072 0.073	0.045	0.037	0.027	#DIV/0!	#DIV/01	0.047	0.073	0.062	#DIV/01
6:00	7:00	0.005	0.081	0,064	0.076	0.062	0.081		0.044	0.039	0.027	#DIV/0!	#D V/0!	0.045	0.071	0,066	0.080
7:00	8:00	0.005	0.082	0.066	0.075	0.064	0.084	0.073	0.044	0.038	0.027	#DIV/01	#DIV/01	0.045	0.070	0.066	0.058
8:00	9:00	0.005	0.085	0.066	0.074	0.064	0.084	0.076	0.045	0.039	0.028	0.113	0,133	0.047	0.074	0.068	0.040
9:00	10:00	0.005	0.085	0.066	0.074	0.064	0.084	0.075	0.045	0.039	0.028	0.113	0.132	0.048	0.074	0.069	0.047
10:00	11:00	0.005	0.085	0.066	0.073	0.064	0.084	0.075	0.045	0.039	0.028	0.113	0.132	0.048	0.074	0.068	0.046
11:00	12:00	0.005	0.082	0.066	0.075	0.064	0.084	0.076 0.076	0.045	0.039	0.028	0.113	0.132	0.047	0.074	0.069	0.046
12:00	13:00	0.005	0.085	0.066	0.075	0.064	0.084		0.044	0.039	0.028	0.113	0.132	0.047	0.074	0.069	0.040
13:00	14:00	0.005	0.085	0,066	0.075	0.064	0.083	0.075	0.045	0.039	0.028	0.113	0.132	0.047	0.074	0.068	0.055
14:00	15:00	0.005	0.085	0.066	0.073	0.064	0.083	0.075	0.045	0.039	0.028	0.113	0,133	0.047	0.074	0.069	0.040
15:00	16:00	0.005	0.085	0.066	0.074	0.064		0.075	0.045	0.039	0.028	0.113	0.131	0.047	0.073	0,069	0,055
16:00	17:00	0.005	0.082	0.066	0.075	0.064	0.084 0.083	0.076	0.045	0.039	0.028	0.113	0.131	0.048	0.074	0.069	0.046
17:00	18:00	0.005	0.085	0.066	0.075	0.064		0.075	0.045	0.039	0.028	0.113	0.132	0.048	0.074	0.068	0.046
18:00	19:00	0.005	0.085	0.066	0.073		0.084	0.076	0.045	0.039	0.028	0.113	0.131	0.047	0,074	0,069	0.040
19:00	20:00	0.005	0.085	0.066	0.074	0.064	0.084	0.076	0.045	0.039	0.028	0.113	0.132	0.047	0.074	0.069	0.047
20:00	21:00	0.005	0.086	0.066	0.075	0.064	0.083	0.075	0.045	0.039	0,028	#DIV/01	#DIV/0!	0.047	0,074	0.068	0.046
21:00	22:00	0.005	0.085	0.066	0.075	0.064	0.084	0.075	0.045	0.039	0.028	#DIV/0	#DIV/0!	0.047	0.074	0.069	0.046
22:00	23:00	0.005	0.086	0.066		0.064	0.084	0.076	0.044	0,039	0.028	#DIV/0!	#DIV/0I	0.047	0.074	0.069	0.046
23:00	0:00	0.005	0.082	0.068	0.075	0.064	0.083	0.075	0.045	0.039	0.028	#DIV/01	#DIV/0	0.047	0.074	0.069	0.046
	Day	0.005	0.082		0.074	0.062	0.081	0.073	0.045	0.039	0.027	#DIV/0!	#DIV/01	0.045	0.070	0.065	0,058
		0.000	0.084	0.065	0.075	0.064	0.083	0.075	0.045	0.039	0.028	0.113	0.132	0.047	0.073	0.068	0.048

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel) MC-6

LGV>3.5t-diesel MC-7

HGV<15t-diesel MC-8 HGV>15I-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol

Taxi-3 Taxi

- Taxi-4 PrLB<3.5t-diesel
- Taxi-5 PrLB>3.5t (LPG/Diesel)
- Taxi-6 Non-fran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15t-diesel

Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

He	our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	10.44							
0:00	1:00	0.101	#DIV/01	0.224	#DIV/01	1,294	2,372	3.078	#DIV/0!	MC-11	Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.101	#DIV/01	0.221	#DIV/0!	1.295	2.371	3.077	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	1.283	2.363	3.058	#DIV/01
2:00	3:00	0.101	#DIV/01	#DIV/01	#DIV/0!	1.297	2.373	3.081	#D1V/01 #D1V/01	#DIV/01	#DIV/0!	#DIV/01	#DIV/01	1,282	2.363	3.057	#DIV/0!
3:00	4:00	0.101	#D1V/01	#DIV/0!	#DIV/01	1.296	2.376	3.085	#DIV/0]	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	1.289	2.364	3.061	#DIV/01
4:00	5:00	0.102	#DIV/0!	#DIV/01	#DIV/0!	1.302	2.379	3.089	#DIV/01	#DIV/0!	#DIV/0!	#DIV/01	#DIV/01	1.289	2.366	3.064	#DIV/01
5:00	6:00	0.102	#DIV/01	0.223	#D[V/0]	1.302	2.384	3.094	#DIV/01	#DIV/01	#D1V/0!	#DIV/01	#D1V/01	1.289	2.372	3.070	#DIV/0!
6:00	7:00	0.102	#DIV/0!	0.224	#DIV/01	1.302	2.386	3.095	#DIV/01	#D1V/0!	#DIV/01	#DIV/0!	#DIV/01	1.289	2.374	3.074	#DIV/01
7:00	8:00	0,103	#DIV/01	0.226	#DIV/0!	1.302	2,385	3.096	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	1.297	2.376	3.076	#DIV/01
8:00	9:00	0.103	#DIV/01	0.227	#DIV/0!	1.304	2.390	3.101	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	1.296	2.377	3.076	#DIV/01
9:00	10:00	0.103	#DIV/01	0.227	#DIV/0[1.305	2.391	3.103	#DIV/0]	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	1.296	2,381	3.081	#DIV/0!
10:00	11:00	0.103	#DIV/0!	0.227	#DIV/0]	1.304	2.388	3.100	#DIV/01	#DIV/0]	#DIV/0!	#DIV/0!	#DIV/01	1.296	2,382	3,083	#DIV/01
11:00	12:00	0.103	#DIV/0	0.226	#DIV/01	1.304	2,389	3.100	#DIV/0[#DIV/0! #D I V/0!	#DIV/0!	#D1V/01	#D1V/01	1.296	2.380	3.080	#DIV/0]
12:00	13:00	0.104	#DIV/01	0.226	#D1V/0!	1.304	2,389	3.100	#DIV/0	#DIV/01 #DIV/01	#DIV/0!	#DIV/01	#DIV/0!	1.296	2.380	3.080	#DIV/01
13:00	14:00	0.103	#DIV/0!	0.226	#DIV/0!	1.302	2.385	3.096	#DIV/01	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	1.295	2,381	3.080	#DIV/01
14:00	15:00	0.103	#DIV/0]	0.227	#DIV/0]	1.300	2.381	3.090	#DIV/0!	#DIV/0	#DIV/0!	#DIV/01	#DIV/0!	1.294	2.377	3.076	#DIV/0!
15:00	16:00	0.103	#DIV/0!	0.227	#DIV/0!	1,300	2.381	3.090	#DIV/01	#DIV/01	#DIV/0 #DIV/0	#DIV/01	#DIV/0!	1.293	2,373	3.070	#DIV/01
16:00	17:00	0,102	#DIV/0!	0.226	#DIV/0[1,300	2,381	3,090	#DIV/01	#DIV/01	#DIV/01	#DIV/0[#DIV/0!	1.293	2.373	3.070	#DIV/01
17:00	18:00	0.102	#DIV/0!	0.225	#DIV/0!	1.298	2,378	3.087	#DIV/01	#DIV/0	#DIV/01	#DIV/01	#DIV/0	1.293	2.373	3.071	#DIV/0!
18:00	19:00	0.101	#DIV/0!	0.226	#DIV/01	1.297	2,376	3,083	#DIV/01	#DIV/0!	#DIV/01	#DIV/0] #DIV/01	#DIV/01	1.290	2,370	3.067	#DIV/0!
19:00	20:00	0.101	#DIV/01	0.226	#DIV/0!	1.297	2.376	3,083	#D1V/01	#DIV/0!	#DIV/0]	#DIV/0!	#DIV/0!	1,288	2.368	3.064	#DIV/01
20:00	21:00	0.101	#DIV/0!	0.227	#D1V/01	1.298	2.377	3.085	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0I	1.290	2.368	3.064	#DIV/01
21:00	22:00	0.101	#DIV/0[0.227	#DIV/01	1.297	2.375	3.082	#DIV/0!	#DIV/0]	#DIV/0	#DIV/0!	#DIV/01	1.290	2.369	3.065	#DIV/0!
22:00	23:00	0.101	#DIV/0	0.230	#DIV/0!	1.295	2.374	3.080	#DIV/0[#DIV/0]	#DIV/0	#DIV/0!	#DIV/01	1.289	2.366	3.062	#DIV/0!
23:00	0:00	0.101	#DIV/01	0.230	#DIV/01	1.295	2.373	3.079	#DIV/01	#DIV/0!	#DIV/01	#DIV/0[#DIV/0]	#DIV/0!	1.286	2.365	3.061	#DIV/01
	Day	0.102	#DIV/0!	0.227	#DIV/01	1.300	2.382	3.091	#DIV/01	#DIV/0	#DIV/01	#DIV/01	#DIV/01	1.289	2,364	3.060	#DIV/0!
Note											7019701	#017/01	#DIV/01	1.292	2.373	3.071	#DIV/01

Calculation of NOX Emission Factor (gm/mile/vehicle) for each hours for BCF associated roads (cross-boundary vehicles)

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-diesel

MC-7 HGV<15t-diesel

MC-8 HGV>15t-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol Taxi-3

Taxi

PrLB<3.5t-diesel Taxi-4 Taxi-5

PrLB>3.5t (LPG/Diesel) Taxi-6 Non-fran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15t-diesel

Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

Hc	our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7							_			
0:00	1:00	0,004	#D1V/0!	0.061	#DIV/0!	0.054		MC-8	MC-10	MC-11	Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0,004	#DIV/01	0.066	#DIV/01	0.053	0.075	0.069	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0!	0.037	0.071	0,062	#DIV/01
2:00	3:00	0.004	#DIV/01	#DIV/01	#DIV/01	0.052	0.076	0,069	#DIV/01	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	0.040	0.072	0.062	#DIV/01
3:00	4:00	0.004	#DIV/0!	#DIV/01	#DIV/01	0.052	0.075 0.075	0.069	#DIV/0!	#DIV/01	#DIV/01	#D1V/0!	#D1V/01	0.038	0.071	0.062	#DIV/01
4:00	5:00	0.003	#DIV/01	#DIV/01	#DIV/01	0.050	0.075	0.069	#DIV/01	#DIV/01	#D V/0]	#DIV/0!	#D1V/01	0.038	0.068	0.062	#DIV/0t
5:00	6:00	0.004	#DIV/01	0.056	#DIV/0]	0.050	0.075	0.069	#DIV/0!	#DIV/0)	#DIV/01	#DIV/0!	#D1V/01	0.038	0.068	0.062	#DIV/01
6:00	7:00	0.004	#DIV/01	0.061	#DIV/01	0.054	0.076	0.069	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	#D1V/0!	0.038	0.073	0.062	#DIV/0!
7:00	8:00	0.004	#DIV/01	0.062	#DIV/01	0.053	0.075	0.069	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/01	0.038	0.071	0.062	#DIV/0!
8:00	9:00	0.004	#DIV/01	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#DIV/01	#D1V/0!	#DIV/0!	0.038	0.071	0.062	#DIV/0!
9:00	10:00	0.004	#DIV/01	0.059	#DIV/01	0.053	0.076	0.069 0.069	#DIV/01	#DIV/01	#DIV/01	#D1V/0!	#DIV/0!	0.038	0.071	0.062	#DIV/01
10:00	11:00	0.004	#DIV/01	0.059	#DIV/0	0.053	0.076	0.069	#DIV/01	#DIV/01	#DIV/01	#DIV/01	#DIV/01	0.038	0.071	0.062	#DIV/0!
11:00	12:00	0.004	#DIV/0!	0.059	#DIV/0	0.053	0.076	0.069	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	#DIV/0	0.038	0.072	0.062	#DIV/0!
12:00	13:00	0.004	#DIV/01	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	0.041	0.071	0.062	#DIV/0!
13:00	14:00	0,004	#DIV/0!	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	#DIV/01	0.038	0.071	0.062	#DIV/0!
14:00	15:00	0.004	#DIV/01	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	#D1V/01	0.039	0.071	0.062	#D V/0!
15:00	16:00	0.004	#DIV/0!	0.059	#DIV/0]	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.038	0.071	0.062	#DIV/0!
16:00	17:00	0.004	#DIV/0!	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#D1V/01	#DIV/0!	#DIV/01	0.041	0.072	0.062	#DIV/0!
17:00	18:00	0.004	#DIV/0!	0.061	#DIV/01	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#D1V/01	0.041	0.071	0.062	#DIV/0!
18:00	19:00	0.004	#D]V/0]	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0(#DIV/0!	#D1V/01	#DIV/0!	#DIV/01	0.038	0.071	0.062	#DIV/0!
19:00	20:00	0.004	#DIV/0!	0.059	#DIV/0!	0.053	0.076	0.069	#DIV/01	#DIV/01	#D1V/01	#DIV/0[#DIV/0!	0.039	0.071	0.062	#DIV/0I
20:00	21:00	0,004	#DIV/0!	0.059	#DIV/01	0.053	0.076	0.069	#DIV/0!	#D1V/01	#DIV/0!	#DIV/01	#DIV/01	0.041	0.071	0.062	#DIV/01
21:00	22:00	0.004	#DIV/0!	0.059	#DIV/0!	0.053	0.076	0.069	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	#DIV/0!	0.038	0.071	0.063	#DIV/0!
22:00	23:00	0.004	#DIV/0]	0,057	#DIV/0!	0.053	0.076	0.069	#DIV/01	#D1V/0!	#DIV/01	#DIV/01	#DIV/0!	0.037	0.071	0.062	#DIV/0!
23:00	0:00	0.004	#DIV/01	0.057	#DIV/0[0.053	0.076	0.069	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	0.037	0.071	0.062	#DIV/0!
	Day	0.004	#DIV/01	0,058	#DIV/01	0.053	0.076	0.069	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	#DIV/0!	0.038	0.071	0.062	#DIV/0!
						0.000	0.010	0,009	#DIV/0!	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	0.039	0.071	0.062	#DIV/0!

Calculation of RSP Emission Factor (gm/mile/vehicle) for each hours for BCF associated roads (cross-boundary vehicles)

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.51-diesel MC-7

HGV<15t-diesel MC-8 HGV>15t-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol

Taxi-3 Taxi

- Taxi-4 PrLB<3.5t-dieset
- Taxi-5 PrLB>3.5t (LPG/Diesel)

Taxi-6 Non-fran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15t-dieset

Taxi-8 Non-fran bus>15t-diesel Taxi-10

Fran SD bus - diesel

Н	our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	Taul 0						
0:00	1:00	0.098	#DIV/01	0.404	#DIV/01	2,320	2.500	3,244	#DIV/01	#DIV/01	Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.098	#DIV/01	0.404	#DIV/0!	2.320	2,499	3.243	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!	1.356	2.491	3.223	#DIV/01
2;00	3:00	0.099	#DIV/01	#DIV/0[#DIV/0!	2.322	2.503	3.245	#DIV/0[#DIV/01 #DIV/01	#DIV/01	#DIV/01	#DIV/0!	1.357	2.490	3.222	#D1V/01
3:00	4:00	0.099	#D1V/01	#DIV/01	#DIV/0[2.326	2,504	3.251	#DIV/0[#DIV/01 #DIV/01	#DIV/0!	#DIV/0!	#DIV/0!	1.359	2.494	3.226	#DIV/01
4:00	5:00	0.099	#DIV/01	#DIV/0	#DIV/0!	2,329	2.509	3.256	#DIV/0[#DIV/01	#DIV/01	#DIV/0!	1.359	2.495	3.230	#DIV/0!
5:00	6:00	0.099	#DIV/0!	0.407	#DIV/01	2.333	2.513	3.261	#DIV/01	#DIV/01	#DIV/01	#D1V/01	#DIV/01	1.359	2.501	3,235	#DIV/01
6:00	7:00	0.100	#DIV/0!	0,410	#DIV/01	2,334	2.514	3.262	#DIV/01 #DIV/01	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	1.365	2.503	3.240	#DIV/01
7:00	8:00	0.100	#DIV/0!	0.407	#DIV/01	2.334	2.514	3.263	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	#DIV/0!	1.363	2.505	3.242	#DIV/0!
8:00	9:00	0.100	#DIV/0!	0,407	#DIV/01	2.338	2,518	3.268	#DIV/01	#DIV/01	#DIV/0!	#DIV/01	#D1V/01	1.364	2,505	3.242	#DIV/0!
9:00	10:00	0,100	#DIV/01	0.407	#DIV/01	2.339	2.520	3.270	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.366	2,509	3.247	#DIV/0!
10:00	11:00	0.100	#DIV/01	0.407	#DIV/0!	2,337	2.517	3.267	#DIV/0[#DIV/01	#DIV/01	#DIV/01	#DIV/01	1,367	2.511	3.249	#DIV/0[
11:00	12:00	0.100	#D1V/0!	0,407	#DIV/01	2,337	2.517	3.267	#DIV/0[#DIV/0]	#DIV/01	#DIV/0]	#DIV/01	#DIV/01	1.366	2.508	3.246	#DIV/0!
12:00	13:00	0.101	#DIV/0]	0.407	#DIV/0!	2.337	2,517	3.267	#DIV/01 #DIV/01	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	1.366	2.508	3.246	#DIV/0!
13:00	14:00	0.101	#DIV/01	0.407	#DIV/01	2.334	2.514	3.263	#DIV/0!	#DIV/0 #DIV/0	#DIV/0]	#DIV/0!	#DIV/01	1.366	2.509	3.246	#DIV/0!
14:00	15:00	0.100	#DIV/01	0.407	#DIV/0!	2,330	2.509	3.257	#DIV/01	#DIV/0] #DIV/0]	#DIV/01	#DIV/0[#DIV/0!	1.364	2,505	3.242	#DIV/01
15:00	16:00	0.100	#DIV/0!	0.407	#DIV/0!	2.330	2.509	3.257	#DIV/0!	#DIV/01 #DIV/01	#DIV/01	#DIV/0!	#DIV/0!	1.361	2.501	3.236	#DIV/01
16:00	17:00	0.100	#DIV/01	0.407	#DIV/0	2.330	2.510	3.257	#DIV/01	#DIV/0!	#DIV/01	#DIV/01	#DIV/0	1.361	2.501	3.236	#DIV/0!
17:00	18:00	0.099	#DIV/0!	0.406	#DIV/01	2.327	2.507	3.253	#DIV/0!	#DIV/0	#DIV/0 #DIV/0	#DIV/0!	#DIV/01	1.361	2.501	3.236	#DIV/0!
18:00	19:00	0.099	#DIV/0]	0.404	#DIV/01	2.324	2.504	3,249	#DIV/01	#DIV/01	#DIV/0]	#D1V/0!	#DIV/0!	1.359	2.498	3,232	#DIV/0!
19:00	20:00	0.099	#DIV/01	0.404	#DIV/0!	2,325	2,504	3.250	#D1V/01	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.358	2.495	3.229	#DIV/0!
20:00	21:00	0.099	#DIV/0!	0.407	#DIV/01	2.326	2.505	3.251	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	#DIV/0[1.359	2.495	3.229	#DIV/01
21:00	22:00	0.099	#DIV/0!	0.407	#DIV/01	2,323	2.503	3.248	#DIV/01	#DIV/0]	#DIV/0	#DIV/01	#DIV/0]	1.359	2.496	3.230	#DIV/0!
22:00	23:00	0.098	#DIV/01	0.404	#DIV/01	2.322	2.502	3,247	#DIV/01	#DIV/01	#DIV/0] #DIV/0]	#DIV/0!	#DIV/01	1.358	2.494	3,227	#DIV/0!
23:00	0:00	0.098	#DIV/01	0.404	#DIV/01	2,321	2.501	3.245	#DIV/0[#DIV/01	#DIV/0] #DIV/0]	#DIV/0!	#DIV/0}	1.356	2.493	3.226	#D1V/0!
	Day	0.100	#DIV/01	0.406	#DIV/01	2.330	2.510	3.258	#DIV/0!	#DIV/0	#DIV/0!	#DIV/0! #DIV/0!	#DIV/01	1.356	2.492	3.225	#DIV/01
											#01V/01	#D/V/01	#DIV/01	1.362	2.501	3.237	#DIV/01

Calculation of NOX Emission Factor (gm/mile/vehicle) for each hours for HKRL (cross-boundary vehicles)

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.51-diesel

MC-5 PLB (LPG/Diesel)

LGV>3.5t-diesel MC-6

MC-7 HGV<15t-diesel

МС-в HGV>15t-diosel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol

Taxi-3 Taxi

Taxi-4 PrLB<3.51-diesel Taxi-5

PrLB>3.5t (LPG/Diesel) Taxl-6 Non-fran bus<6.41-dieset

Taxi-7 Non-fran bus<6.4-15t-diesel

Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

Ho	ur	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	10.44							
0:00	1:00	0.003	#DIV/0!	0.042	#DIV/01	0,036	0.061	0.056		MC-11	Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.003	#DIV/0!	0.042	#DIV/01	0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	#D1V/01	0.033	0.057	0.050	#DIV/0!
2:00	3:00	0.003	#DIV/0!	#DIV/0]	#DIV/0[0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	#DIV/01	0.032	0.057	0.050	#DIV/0!
3:00	4:00	0.003	#DIV/0!	#DIV/01	#DIV/0!	0.036	0.050	0.056	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	#DIV/01	0.030	0.058	0.050	#DIV/0!
4:00	5:00	0.003	#DIV/0!	#DIV/01	#DIV/0!	0.036	0.060	0.056	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	0.030	0.057	0.050	#DIV/0!
5:00	6:00	0.003	#DIV/01	0.036	#DIV/0[0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/0!	#DIV/01	#DIV/0!	0.030	0.057	0.050	#DIV/0!
6:00	7:00	0.003	#DIV/01	0.042	#DIV/0!	0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	#DIV/0I	0.030	0.057	0.050	#DIV/0!
7:00	8:00	0.003	#DIV/0!	0.039	#DIV/0I	0,036	0.061	0.056	#DIV/01	#DIV/01	#DIV/0!	#DIV/01	#DIV/0I	0.031	0.057	0.050	#DIV/0!
8:00	9:00	0.003	#DIV/0	0.039	#DIV/0I	0.036	0.061	0.056	#DIV/0!	#DIV/0	#DIV/0!	#DIV/0!	#DIV/0!	0.032	0,057	0.050	#DIV/0!
9:00	10:00	0.003	#DIV/0!	0.039	#DIV/01	0.036	0.061	0.056	#DIV/01	#DiV/0!	#DIV/01	#DIV/0!	#DIV/01	0.031	0.057	0.050	#DIV/0!
10:00	11:00	0.003	#DIV/0!	0.039	#DIV/0[0.036	0.061	0.056	#DIV/01 #DIV/01	#DIV/0!	#DIV/01	#DIV/0!	#DIV/0!	0.031	0.057	0.050	#DIV/0!
11:00	12:00	0.003	#DIV/0!	0.040	#DIV/0	0.036	0.061	0.056	#DIV/0]	#DIV/01	#DIV/01	#DIV/0!	#D1V/0!	0.032	0,057	0.050	#DIV/0!
12:00	13:00	0.003	#D[V/0]	0.040	#DIV/0]	0.036	0.061	0.056	#DIV/0!	#DIV/01	#DIV/0	#DIV/0!	#DIV/01	0.032	0.057	0,050	#DIV/0!
13:00	14:00	0.003	#DIV/01	0.040	#DIV/01	0.036	0.061	0.056		#DIV/01	#DIV/01	#DIV/01	#DIV/0!	0.032	0.057	0.050	#DIV/0!
14:00	15:00	0.003	#DIV/0]	0.039	#DIV/01	0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/0!	#D1V/0!	#DIV/01	0.031	0.057	0.050	#DIV/0!
15:00	16:00	0.003	#DIV/01	0.039	#DIV/01	0.036	0.061	0.056	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.032	0.057	0.050	#DIV/0!
16:00	17:00	0.003	#DIV/0!	0.040	#DIV/0!	0.036	0.061	0.056	#DIV/0!	#DIV/0!	#DIV/01	#DIV/01	#DIV/0!	0.032	0.057	0.050	#DIV/0!
17:00	18:00	0.003	#DIV/0!	0.040	#DIV/0!	0.036	0.061	0.056	#DIV/01	#DIV/0	#DIV/0!	#DIV/0!	#DIV/0!	0.032	0.057	0.050	#D1V/0
18:00	19:00	0.003	#DIV/0!	0.040	#D1V/0!	0.036	0.061	0.056	#DIV/0[#DIV/01	#DIV/01	#DIV/01	#DIV/0!	0.032	0.057	0.050	#DIV/0!
19:00	20:00	0.003	#DIV/01	0.040	#D1V/0!	0.036	0.061	0.056	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	#DIV/0!	0.031	0.057	0.050	#DIV/0[
20:00	21:00	0.003	#DIV/01	0.039	#DIV/0!	0.036	0.061	0.056	#D1V/0[#DIV/01	#DIV/01	#DIV/01	#DIV/01	0.032	0.057	0.050	#DIV/01
21:00	22:00	0.003	#DIV/01	0.039	#DIV/0!	0.036	0.061	0.056	#DIV/0 #DIV/0	#DIV/0!	#DIV/0[#DIV/0!	#DIV/01	0.031	0.057	0,050	#DIV/0!
22:00	23:00	0.003	#DIV/01	0.042	#DIV/0[0.036	0.061	0.056	#DIV/0!	#DIV/01	#DIV/0	#DIV/0!	#DIV/0!	0.032	0.057	0.050	#DIV/01
23:00	0:00	0.003	#DIV/01	0.042	#DIV/0]	0.036	0.061	0.056	#DIV/0: #DIV/0!	#DIV/01	#DIV/01	#DIV/01	#DIV/0!	0.031	0.057	0.050	#DIV/01
	Day	0.003	#DIV/01	0.039	#DIV/01	0,036	0.061	0.056	#DIV/0[#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	0.032	0.057	0.050	#DIV/0!
							0.001	0.000	#017/01	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/01	0.032	0.057	0.050	#D V/0!

Calculation of RSP Emission Factor (gm/mile/vehicle) for each hours for HKRL (cross-boundary vehicles)

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-diesel

MC-7 HGV<151-diesel

MC-8 HGV>15t-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol Taxi-3 Taxi

Taxi-4

PrLB<3.5t-diesel Taxi-5

PrLB>3.5t (LPG/Diesel) Taxi-6 Non-Iran bus<6.4t-diesel

Taxl-7 Non-fran bus<6.4-15t-diesel

Taxi-8 Non-fran bus>15l-diesel

Taxi-10 Fran SD bus - diesel

Calculation of NOX Emission Factor (gm/mile/vehicle) for each hours for NLH and Airport Road

0:00 1:00 0.111 0.505 0.601 0.228 2.885 2.511 3.262 1.994 1.331 0.200 HDI/V01 H3X1-5 1.2X1-5		our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxi-4	Taxi-5				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0:00	1:00	0.111	0.505	0.501	0.228	2.885	2.511	3.262						Taxi-6	Taxi-7	Taxi-8	Taxi-10
2:00 3:00 0.111 0.505 0.501 0.240 2.868 2.513 3.265 1.996 1.338 0.291 #DIV/01 #JDV/01 1.356 2.440 3.267 #DIV/01 4:00 5:00 0.112 0.506 0.503 0.241 2.891 2.516 3.269 1.998 1.342 0.292 #DIV/01 #DIV/01 1.358 2.440 3.261 #DIV/01 5:00 0.0112 0.506 0.503 0.241 2.890 2.520 3.274 2.002 1.348 0.293 #DIV/01 #DIV/01 1.362 2.440 3.264 #DIV/01 6:00 7.00 0.113 0.508 0.504 0.241 2.902 2.525 3.280 2.005 1.351 0.294 #DIV/01 #DIV/01 1.364 2.495 3.272 1.543 7:00 8:00 0.109 0.387 0.384 0.190 2.214 2.525 3.281 2.006 1.281 0.284 0.386 0.322 1.367 2.493 3.276 1.542 1.543 1.542 1.542			0.111	0.504	0.500	0.246	2.884											1.536
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			0.111	0.505	0.501	0.240	2.888											1.528
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		4:00	0.112	0,507	0.502	0.202	2.891										3,257	#DIV/0!
5:00 6:00 0.112 0.508 0.503 0.229 2.900 2.524 3.279 2.004 1.363 0.293 #D1V/01 1.362 2.403 3.264 #D1V/01 6:00 7:00 0.113 0.508 0.504 0.2241 2.902 2.525 3.280 2.005 1.353 0.294 #D1V/01 #D1V/01 1.364 2.495 3.272 1.542 8:00 0.109 0.386 0.384 0.190 2.214 2.529 3.286 2.006 1.287 0.284 0.385 0.326 1.364 2.495 3.272 1.542 9:00 0.109 0.387 0.384 0.190 2.214 2.529 3.286 2.006 1.287 0.284 0.386 0.326 1.367 2.501 3.279 1.542 10:00 11:00 0.109 0.386 0.384 0.188 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.329 1.366 2.498 3.276 1.543 11:00 12:00 0.366 0.384 0.188<	4:00	5:00	0.112	0.506	0.503	0.241											3.261	#DIV/0!
6:00 7:00 0.113 0.508 0.504 0.241 2.902 2.525 3.280 2.005 1.352 0.284 #DIV/01 #DIV/01 1.364 2.495 3.270 1.543 7:00 8:00 0.109 0.386 0.384 0.189 2.210 2.525 3.280 2.005 1.353 0.284 0.385 0.326 1.364 2.495 3.272 1.541 9:00 0.109 0.387 0.384 0.190 2.214 2.525 3.286 2.009 1.286 0.284 0.385 0.326 1.367 2.499 3.278 1.541 9:00 10:00 0.109 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.329 1.366 2.498 3.276 1.542 11:00 11:00 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.270 0.285 0.386 0.332 1.366 2.498 3.276 1.543 12:00 13:00 0.110 0.386	5:00	6:00	0.112	0.508	0.503	0.229										2,490	3.264	#DIV/01
7:00 8:00 0.109 0.386 0.384 0.189 2.210 2.525 3.281 2.006 1.287 0.284 0.385 0.329 1.364 2.495 3.272 1.542 8:00 9:00 0.109 0.387 0.384 0.190 2.214 2.525 3.286 2.009 1.286 0.284 0.386 0.329 1.367 2.499 3.272 1.541 9:00 10:00 0.109 0.387 0.384 0.190 2.215 2.531 3.288 2.010 1.281 0.284 0.386 0.329 1.367 2.501 3.279 1.544 10:00 11:00 0.109 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.332 1.366 2.498 3.276 1.543 12:00 13:00 0.110 0.386 0.384 0.190 2.213 2.525 3.285 2.008 1.268 0.286 0.386 0.330 1.366 2.498 3.272 1.543 13:00 16:00	6:00	7:00	0.113	0.508	0.504											2.494	3.270	1.543
8:00 9:00 0.109 0.387 0.384 0.190 2.214 2.529 3.266 2.000 1.287 0.386 0.386 0.326 1.364 2.495 3.272 1.541 9:00 10:00 0.109 0.387 0.384 0.190 2.214 2.529 3.286 2.000 1.281 0.285 0.386 0.329 1.367 2.499 3.276 1.544 10:00 11:00 0.109 0.386 0.384 0.188 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.329 1.366 2.498 3.276 1.542 12:00 13:00 0.110 0.387 0.384 0.191 2.213 2.529 3.285 2.008 1.276 0.285 0.386 0.332 1.366 2.498 3.276 1.543 13:00 14:00 0.109 0.386 0.384 0.191 2.213 2.529 3.285 2.002 1.263 0.286 0.385 0.330 1.366 2.498 3.276 1.543 14:00 15:00	7:00	8:00	0.109	0.386											1.364	2.495	3.272	1,542
9:00 10:00 0.109 0.387 0.384 0.190 2.215 2.103 1.203 1.206 0.284 0.386 0.329 1.367 2.499 3.278 1.545 10:00 11:00 0.109 0.386 0.334 0.188 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.329 1.367 2.499 3.276 1.543 11:00 12:00 0.109 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.270 0.285 0.386 0.332 1.366 2.498 3.276 1.543 12:00 13:00 0.109 0.386 0.384 0.191 2.213 2.529 3.285 2.008 1.268 0.286 0.386 0.330 1.366 2.498 3.276 1.543 13:00 14:00 0.109 0.385 0.383 0.188 2.206 2.520 3.275 2.002 1.258 0.285 0.335 0.330 1.364 2.495 3.276 1.543 15:00 16:00 0.109	8:00	9:00	0.109	0.387											1.364	2,495	3.272	
10:00 11:00 0.109 0.386 0.384 0.188 2.213 2.531 3.285 2.010 1.281 0.285 0.386 0.328 1.367 2.501 3.279 1.544 11:00 12:00 0.109 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.274 0.285 0.386 0.329 1.366 2.498 3.276 1.542 12:00 13:00 0.110 0.387 0.384 0.191 2.213 2.528 3.285 2.008 1.268 0.286 0.386 0.330 1.366 2.498 3.276 1.543 13:00 14:00 0.109 0.386 0.383 0.188 2.206 2.527 3.275 2.002 1.263 0.286 0.385 0.330 1.364 2.498 3.276 1.543 14:00 16:00 0.109 0.385 0.383 0.188 2.206 2.527 3.275 2.002 1.263 0.285 0.385 0.329 1.362 2.490 3.266 1.538 16:00 17:00 <td>9:00</td> <td>10:00</td> <td>0.109</td> <td></td> <td>0.329</td> <td>1.367</td> <td>2.499</td> <td>3.278</td> <td></td>	9:00	10:00	0.109											0.329	1.367	2.499	3.278	
11:00 12:00 0.109 0.386 0.384 0.189 2.213 2.528 3.285 2.008 1.270 0.285 0.386 0.329 1.366 2.498 3.276 1.542 12:00 13:00 0.110 0.387 0.384 0.191 2.213 2.528 3.285 2.008 1.270 0.285 0.386 0.330 1.366 2.498 3.276 1.543 13:00 14:00 0.109 0.386 0.384 0.190 2.210 2.525 3.281 2.005 1.263 0.286 0.386 0.330 1.366 2.498 3.276 1.543 14:00 15:00 0.109 0.385 0.383 0.189 2.206 2.520 3.275 2.002 1.258 0.286 0.385 0.329 1.362 2.490 3.266 1.538 16:00 17:00 0.109 0.385 0.383 0.188 2.206 2.521 3.275 2.002 1.269 0.284 0.384 0.328 1.362 2.490 3.266 1.538 16:00 17:00 <td>10:00</td> <td>11:00</td> <td></td> <td>0.328</td> <td>1.367</td> <td>2.501</td> <td></td> <td></td>	10:00	11:00												0.328	1.367	2.501		
12:00 13:00 0.110 0.387 0.384 0.191 2.213 2.529 3.285 2.008 1.270 0.286 0.386 0.332 1.366 2.498 3.276 1.543 13:00 14:00 0.109 0.386 0.384 0.190 2.210 2.525 3.285 2.008 1.268 0.286 0.386 0.330 1.366 2.498 3.276 1.543 14:00 15:00 0.109 0.385 0.383 0.188 2.206 2.520 3.275 2.002 1.258 0.285 0.385 0.330 1.364 2.499 3.266 1.538 16:00 0.109 0.385 0.383 0.188 2.206 2.521 3.275 2.002 1.259 0.284 0.384 0.328 1.362 2.490 3.266 1.538 16:00 17:00 0.108 0.385 0.382 0.188 2.204 2.518 3.271 1.999 1.262 0.282 0.384 0.331 1.362 2.491 3.266 1.543 18:00 19:00 0.107 <td>11:00</td> <td>12:00</td> <td></td> <td>0.329</td> <td>1.366</td> <td>2.498</td> <td></td> <td>I</td>	11:00	12:00												0.329	1.366	2.498		I
13:00 14:00 0.109 0.386 0.384 0.190 2.210 2.213 2.203 1.268 0.286 0.386 0.330 1.366 2.498 3.276 1.543 14:00 15:00 0.109 0.385 0.383 0.188 2.206 2.520 3.275 2.002 1.263 0.286 0.385 0.330 1.364 2.495 3.272 1.541 15:00 16:00 0.109 0.385 0.383 0.189 2.206 2.521 3.275 2.002 1.269 0.285 0.385 0.320 1.362 2.490 3.266 1.538 16:00 17:00 0.109 0.385 0.383 0.188 2.206 2.521 3.275 2.002 1.261 0.283 0.385 0.330 1.362 2.490 3.266 1.538 16:00 17:00 0.108 0.385 0.382 0.188 2.204 2.518 3.271 1.999 1.262 0.282 0.384 0.331 1.360 2.491 3.266 1.537 18:00 19:00 0.107 <td>12:00</td> <td>13:00</td> <td></td> <td>0.332</td> <td>1.366</td> <td>2.498</td> <td></td> <td></td>	12:00	13:00												0.332	1.366	2.498		
14:00 15:00 0.109 0.385 0.383 0.188 2.206 2.525 3.281 2.005 1.263 0.286 0.385 0.330 1.364 2.495 3.272 1.541 15:00 16:00 0.109 0.385 0.383 0.188 2.206 2.520 3.275 2.002 1.263 0.285 0.385 0.329 1.362 2.490 3.266 1.538 16:00 17:00 0.109 0.385 0.383 0.188 2.206 2.521 3.275 2.002 1.261 0.284 0.384 0.328 1.362 2.490 3.266 1.538 16:00 17:00 0.108 0.385 0.382 0.188 2.204 2.518 3.271 1.999 1.262 0.284 0.384 0.330 1.362 2.491 3.266 1.538 18:00 19:00 0.107 0.384 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.326 1.359 2.485 3.259 1.536 19:00 20:00 <td>13:00</td> <td>14:00</td> <td></td> <td>0.386</td> <td>0,330</td> <td>1.366</td> <td>2.498</td> <td>3.276</td> <td></td>	13:00	14:00											0.386	0,330	1.366	2.498	3.276	
15:00 16:00 0.109 0.385 0.383 0.189 2.206 2.520 3.275 2.002 1.258 0.285 0.385 0.329 1.362 2.490 3.266 1.538 16:00 17:00 0.109 0.385 0.383 0.189 2.206 2.521 3.275 2.002 1.259 0.284 0.384 0.328 1.362 2.490 3.266 1.538 17:00 18:00 0.108 0.385 0.382 0.188 2.204 2.518 3.271 1.999 1.262 0.282 0.384 0.330 1.362 2.491 3.266 1.540 18:00 19:00 0.107 0.384 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.331 1.360 2.488 3.262 1.537 19:00 20:00 0.107 0.385 0.382 0.191 2.201 2.515 3.266 1.997 1.263 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.536 20:00 21:00	14:00	15:00												0.330	1.364	2.495		
16:00 17:00 0.109 0.385 0.383 0.188 2.200 2.521 3.275 2.002 1.259 0.284 0.384 0.328 1.362 2.490 3.266 1.538 17:00 18:00 0.108 0.385 0.382 0.188 2.204 2.518 3.271 1.999 1.262 0.282 0.385 0.330 1.362 2.491 3.266 1.540 18:00 19:00 0.107 0.384 0.382 0.191 2.201 2.515 3.267 1.999 1.262 0.282 0.384 0.331 1.360 2.488 3.262 1.537 19:00 0.107 0.385 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.331 1.360 2.488 3.262 1.537 19:00 20:00 0.107 0.385 0.382 0.191 2.201 2.515 3.268 1.997 1.264 0.280 #DIV/0I #DIV/0I 1.359 2.485 3.259 1.536 21:00 22:00 0.107	1													0.329	1.362	2.490		
17:00 18:00 0.108 0.385 0.382 0.188 2.200 2.517 3.275 2.002 1.261 0.283 0.385 0.330 1.362 2.491 3.266 1.540 18:00 19:00 0.107 0.384 0.382 0.191 2.201 2.515 3.267 1.999 1.262 0.282 0.384 0.331 1.360 2.488 3.262 1.537 19:00 20:00 0.107 0.385 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.326 1.359 2.485 3.259 1.536 20:00 21:00 0.107 0.385 0.382 0.191 2.201 2.515 3.268 1.997 1.263 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.536 20:00 21:00 0.107 0.384 0.382 0.188 2.200 2.514 3.266 1.996 1.267 0.280 #DIV/0! #DIV/0! 1.359 2.486 3.260 1.536 22:00 0	16:00	17:00											0.384	0.328	1.362	2.490	3.266	
18:00 19:00 0.107 0.384 0.382 0.191 2.204 2.515 3.267 1.999 1.262 0.282 0.384 0.331 1.360 2.488 3.262 1.537 19:00 20:00 0.107 0.385 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.326 1.359 2.485 3.259 1.536 20:00 21:00 0.107 0.385 0.382 0.191 2.201 2.515 3.268 1.997 1.263 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.536 20:00 21:00 0.107 0.384 0.382 0.188 2.202 2.516 3.269 1.998 1.268 0.280 #DIV/0! #DIV/0! 1.359 2.486 3.269 1.536 21:00 22:00 0.107 0.384 0.382 0.188 2.200 2.514 3.266 1.996 1.267 0.280 #DIV/0! #DIV/0! 1.358 2.486 3.257 1.533 23:00 <	•												0.385	0.330	1.362	2.491		1
19:00 20:00 0.407 0.385 0.382 0.191 2.201 2.515 3.267 1.997 1.263 0.280 0.384 0.326 1.359 2.485 3.259 1.536 20:00 21:00 0.107 0.385 0.382 0.191 2.201 2.515 3.268 1.997 1.264 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.636 20:00 21:00 0.107 0.384 0.382 0.188 2.202 2.516 3.269 1.998 1.268 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.636 21:00 22:00 0.107 0.384 0.382 0.188 2.200 2.514 3.266 1.996 1.267 0.280 #DIV/0! #DIV/0! 1.358 2.486 3.257 1.533 22:00 23:00 0.107 0.384 0.382 0.190 2.199 2.513 3.264 1.996 1.268 0.280 #DIV/0! #DIV/0! 1.358 2.484 3.257 1.533 2.300 0:00														0.331	1.360	2.488		
20:00 21:00 0.107 0.385 0.382 0.188 2.202 2.513 3.268 1.397 1.264 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.636 21:00 22:00 0.107 0.384 0.382 0.188 2.202 2.516 3.269 1.998 1.268 0.280 #DIV/0! #DIV/0! 1.359 2.485 3.259 1.636 21:00 22:00 0.107 0.384 0.382 0.188 2.200 2.514 3.266 1.996 1.267 0.280 #DIV/0! #DIV/0! 1.358 2.486 3.257 1.533 23:00 0.107 0.384 0.382 0.190 2.199 2.513 3.264 1.996 1.268 0.280 #DIV/0! #DIV/0! 1.358 2.484 3.257 1.533 23:00 0:00 0.111 0.505 0.501 0.234 2.866 2.512 3.263 1.995 1.329 0.290 #DIV/0! <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.384</td><td>0.326</td><td>1.359</td><td>2.485</td><td></td><td></td></t<>													0.384	0.326	1.359	2.485		
21:00 22:00 0.107 0.384 0.382 0.188 2.202 2.516 3.259 1.998 1.268 0.280 #DIV/0! #DIV/0! 1.359 2.486 3.260 1.536 22:00 23:00 0.107 0.384 0.382 0.190 2.199 2.513 3.266 1.996 1.267 0.280 #DIV/0! #DIV/0! 1.358 2.486 3.257 1.533 23:00 0:00 0.111 0.505 0.501 0.234 2.866 2.512 3.263 1.995 1.329 0.290 #DIV/0! #DIV/0! 1.358 2.482 3.256 1.533 23:00 0:00 0.111 0.505 0.501 0.234 2.868 2.512 3.263 1.995 1.329 0.290 #DIV/0! #DIV/0! 1.357 2.482 3.256 1.533 Day 0.109 0.401 0.398 0.195 2.294 2.521 3.276 2.002 1.278 0.294 0.396 0.392 1.532 1.532	20:00	21:00											#DIV/0!	#DIV/0!	1.359	2.485		
22:00 23:00 0.107 0.384 0.382 0.190 2.199 2.514 3.266 1.996 1.267 0.280 #DIV/01 #DIV/01 1.358 2.484 3.257 1.533 23:00 0:00 0.111 0.505 0.501 0.234 2.886 2.512 3.263 1.995 1.329 0.290 #DIV/01 #DIV/01 1.358 2.484 3.256 1.533 Day 0.109 0.401 0.398 0.195 2.294 2.521 3.276 2.002 1.278 0.294 0.395 0.395 1.532													#DIV/0!	#DIV/0I	1.359	2.486		
23:00 0:00 0.111 0.505 0.501 0.234 2.866 2.512 3.264 1.996 1.268 0.280 #DIV/01 #DIV/01 1.358 2.483 3.256 1.533 Day 0.109 0.401 0.398 0.195 2.294 2.521 3.276 2.002 1.278 0.290 #DIV/01 1.357 2.482 3.255 1.532														#DIV/01	1.358			
Day 0.109 0.401 0.398 0.195 2.294 2.521 3.276 2.002 1.278 0.284 0.395 0.290 #DIV/01 1.357 2.482 3.255 1.532													#DIV/01	#DIV/0!	1.358	2,483		
2,002 1,278 0,284 0,306 0,200 4,000 4,000 4,000														#DIV/01	1.357	2.482		
					0.000	0.155	2,294	2.021	3.276	2.002	1.278	0.284	0.385	0.329	1.362	2,491	3,267	1,539

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.51-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-diesel

MC-7 HGV<15t-diesel

MC-8 HGV>15t-diesel

Fran DD bus - diesel MC-10

MC-11 Motorcycle -petrol

Taxi-3 Taxi

Taxi-4 PrLB<3.5t-diesel

Taxi-5 PrLB>3.5t (LPG/Diesel)

Taxi-6 Non-fran bus<6.4t-diesel Taxi-7

Non-fran bus<6.4-15t-diesel Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

Ho		MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	Taxi-4	Taxi-5	Taul C	T-11 7	T 0	
0:00	1:00	0.005	0.056	0.043	0.056	0.042	0.065	0.059	0.036	0.107	0.028	#DIV/0!		Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.005	0.056	0.043	0.059	0.042	0.065	0.059	0.036	0.107	0.028		#DIV/0I	0.037	0.057	0.053	0.036
2:00	3:00	0.005	0.055	0.043	0.058	0.042	0.065	0.059	0.036	0.107	0.028	#DIV/01	#DIV/0!	0.037	0.058	0.054	0.036
3:00	4:00	0.005	0.055	0.043	0.053	0.042	0.065	0.059	0.037	0.107		#DIV/0!	#DIV/0!	0.037	0,057	0.054	#D1V/01
4:00	5:00	0.005	0.054	0.043	0.060	0.042	0.065	0.059	0.036	0,107	0.028	#DIV/01	#DIV/0!	0.037	0,057	0.055	#DIV/0!
5:00	6:00	0.005	0.056	0.043	0,056	0.042	0.065	0,059	0.036	0.107	0.028	#DiV/0!	#DIV/01	0.037	0.057	0.053	#DIV/0!
6:00	7:00	0.005	0.055	0.043	0.058	0.042	0.065	0.059	0.036	0.107	0.028	#DIV/0!	#DIV/0!	0.037	0.057	0.054	0.036
7:00	8:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.028	#DIV/01	#DIV/0!	0.037	0.057	0.053	0.039
8:00	9:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.077	0.090	0.037	0.057	0.053	0.036
9:00	10:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036		0.025	0.076	0.090	0.037	0.057	0.053	0.038
10:00	11:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079 0.079	0.025	0.077	0.090	0.037	0.057	0.053	0.038
11:00	12:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036		0.025	0.076	0.091	0.037	0.057	0.053	0.038
12;00	13:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.077	0.091	0.037	0.057	0.053	0.038
13:00	14:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.077	0.091	0.037	0.057	0.053	0.039
14:00	15:00	0.004	0.056	0.044	0,057	0.043	0.065	0.059		0.079	0.025	0.076	0.091	0.037	0.057	0.053	0.038
15:00	16:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.076	0.091	0.037	0.057	0.053	0.039
16:00	17:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.077	0.091	0.037	0.057	0.053	0.038
17:00	18:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	0.076	0.091	0.037	0,057	0.053	0.038
18:00	19:00	0.004	0.056	0.044	0.057	0.043	0.065		0.036	0.079	0.025	0.077	0.091	0.037	0.057	0.053	0.038
19:00	20:00	0.004	0.056	0.044	0.058	0.043	0.065	0.059	0.036	0.079	0.025	0.076	0.090	0.037	0.057	0.053	0.038
20:00	21:00	0.004	0.056	0.044	0,057	0.043	0.065	0.059	0.036	0.079	0.025	#DIV/01	#DIV/0!	0.037	0.057	0,053	0.038
21:00	22:00	0.004	0.056	0.044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	#DIV/01	#DIV/0!	0.037	0.057	0.053	0.038
22:00	23:00	0.004	0.056	0,044	0.057	0.043	0.065	0.059	0.036	0.079	0.025	#DIV/0!	#DIV/0!	0.037	0.057	0.053	0.038
23:00	0:00	0.005	0.055	0,043	0.057	0.043	0.065	0.059	0.036	0.079	0.025	#DIV/01	#DIV/0!	0.037	0.057	0,053	0.038
	Day	0.004	0.056	0.044	0.057	0.042	0.065	0.059	0.036	0.107	0.028	#DIV/0!	#DIV/0!	0.037	0.057	0.053	0.039
					0.001	0.043	0.065	0.059	0.036	0.083	0.025	0.076	0.091	0.037	0.057	0.053	0.038

Calculation of RSP Emission Factor (gm/mlle/vehicle) for each hours for NLH and Airport Road

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.51-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-diesel

MC-7 HGV<15t-diesel

MC-8 HGV>15t-diesel

MC-10 Fran DD bus - diesel MC-11

Motorcycle -petrol Taxi-3 Taxi

Taxi-4

PrLB<3.5t-diesel Taxi-5

PrLB>3.5t (LPG/Diesel) Taxi-6 Non-Iran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15I-diesel

Taxi-8 Non-fran bus>15t-diesel

Taxi-10 Fran SD bus - diesel

Calculation of NOX Emission Factor (gm/mile/vehicle) for each hours for other roads

	ามก	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	Taxi-3	T 1 4					
0:00	1:00	0.129	0.228	0.226	0.109	1,300	2.384	3.097	1.877	1.205	0.300	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.129	0.228	0.226	0.108	1.300	2.383	3.096	1.877	1.205		#DIV/01	#DIV/0!	1.292	2,361	3.097	1.444
2:00	3:00	0.131	0.231	0.226	0,110	1.301	2.386	3.100	1.880	1.234	0.301	#DIV/01	#DIV/01	1.291	2.361	3.096	1.442
3:00	4:00	0.130	0.230	0.226	0,110	1.303	2.389	3.104	1.882	1.234	0.302	#DIV/0!	#DIV/0!	1.293	2,364	3.101	1.447
4:00	5:00	0,129	0.226	0.226	0.111	1.305	2,393	3.109	1.884	1.224	0.302	#DIV/01	#DIV/0!	1.294	2.366	3.104	1.441
5:00	6:00	0.129	0.227	0.227	0.108	1.307	2.396	3.113	1.887	1.180	0.303	#DIV/0!	#DIV/01	1.297	2,371	3.110	1.450
6:00	7:00	0,129	0.228	0.227	0.108	1,307	2.397	3.115	1.888	1,178	0.303	#DIV/0!	#DIV/0!	1.298	2.374	3.113	1,450
7:00	8:00	0.138	0.244	0.243	0.116	1,401	2.569	3.337	2.122		0.304	#DIV/01	#DIV/0!	1.299	2.375	3.115	1.451
8:00	9:00	0.138	0.245	0.243	0,117	1.403	2.573	3.343	2.122	1.135	0.331	0.240	0.205	1.373	2.511	3.294	1.632
9:00	10:00	0.139	0.245	0.244	0.116	1.404	2.575	3.345	2.125	1.143	0.332	0.240	0.204	1.375	2.515	3,299	1.636
10:00	11:00	0.139	0.245	0.243	0.117	1.403	2,572	3,342	2.126	1.158	0.333	0.240	0.204	1.376	2.516	3.301	1.636
11:00	12:00	0.140	0.245	0.243	0.116	1,403	2.572	3.342	2.124	1,161	0,333	0.240	0.204	1.374	2.514	3,298	1.635
12:00	13:00	0.140	0,245	0.243	0.116	1.403	2.572	3,342	2.124	1.163	0.334	0.240	0.203	1.374	2.514	3.298	1.635
13:00	14:00	0.140	0,244	0,243	0.116	1.401	2.569	3.342	2.124	1.163	0.335	0.240	0.205	1.375	2.514	3.298	1.635
14:00	15:00	0.140	0.244	0.243	0.116	1.398	2.564	3.331	2.121	1.160	0.334	0.240	0.205	1.373	2.510	3.294	1.633
15:00	16:00	0,139	0.244	0.243	0.116	1.398	2.564	3.331	2.118	1.159	0.333	0.239	0.203	1.370	2.506	3.288	1.630
16:00	17:00	0.139	0.244	0.243	0.116	1.398	2.564	3,331	2.118	1,157	0.332	0.239	0.202	1.370	2.506	3.288	1.629
17:00	18:00	0.138	0.243	0.242	0.116	1.397	2.561	3.327	2.110	1.161	0.331	0.239	0.203	1.370	2.506	3.288	1.630
18:00	19:00	0,138	0.244	0.242	0.115	1.395	2.558	3.323	2.113	1.160	0.330	0.239	0.204	1.369	2,503	3.284	1.627
19:00	20:00	0.138	0.243	0.242	0.116	1.395	2.559	3.324	2.113	1.165	0.328	0.239	0.202	1.367	2.500	3,280	1.626
20:00	21:00	0.130	0.228	0.226	0.109	1.303	2.389	3.104	1.882	1.172	0.328	#DIV/01	#DIV/0!	1.367	2.501	3.281	1.627
21:00	22:00	0.130	0.227	0.226	0.109	1.302	2.387	3.104	1.880	1.220	0.302	#DIV/01	#DIV/0	1.294	2.367	3.104	1.446
22:00	23:00	0,130	0.228	0.226	0,109	1.301	2,386	3.100	1.879	1.218 1.216	0.301	#DIV/01	#DIV/01	1.293	2.365	3.102	1.444
23:00	0:00	0.129	0.228	0.226	0,109	1.301	2.385	3,099	1.878	1.218	0.301	#D1V/0!	#DIV/01	1.293	2.364	3.100	1.444
	Day	0.136	0.240	0.238	0,114	1.373	2.518	3.272	2.055	1.208	0.301	#DIV/01	#DIV/01	1.292	2.363	3.099	1.442
Notes									2.000	1.171	0.324	0.240	0.204	1.351	2.470	3.241	1.581

Note:

Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesol)

MC-6 LGV>3.5t-diesel

MC-7 HGV<15t-diesel

MC-8 HGV>151-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol

Taxi-3 Taxi

Taxi-4 Prl.B<3.5t-diesel Taxi-5 PrLB>3.5t (LPG/Dies

Taxi-5 PrLB>3.5t (LPG/Diesel) Taxi-6 Non-fran bus<6.4t-diesel

Taxi-7 Non-fran bus<6.4-15t-dieset

Taxi-8 Non-fran bus>15t-diaset

Taxi-10 Fran SD bus - diesel

Calculation of RSP Emission Factor (gm/mile/vehicle) for each hours for other roads

	our	MC-1	MC-3	MC-4	MC-5	MC-6	MC-7	MC-8	MC-10	MC-11	7						
0:00	1:00	0.005	0.081	0.063	0.074	0,062	0.081	0.073	0,044		Taxi-3	Taxi-4	Taxi-5	Taxi-6	Taxi-7	Taxi-8	Taxi-10
1:00	2:00	0.005	0.081	0.063	0.074	0.062	0.081	0.073	0.044	0.049	0,028	#DIV/01	#DIV/01	0.045	0.071	0.065	0.047
2:00	3:00	0.005	0.083	0.063	0.074	0.062	0.080	0.073		0.048	0.028	#DIV/01	#DIV/0I	0.045	0.071	0.066	0.049
3:00	4:00	0.005	0.084	0.063	0.074	0.062	0.081	0.073	0.044	0.050	0.028	#DIV/0!	#DIV/0l	0.046	0.070	0.066	0.044
4:00	5:00	0.005	0.080	0.063	0.075	0.062	0.081	0.073	0.044	0.050	0.028	#DIV/01	#DIV/01	0.045	0.070	0.065	0.048
5:00	6:00	0.005	0.081	0.063	0.073	0.062	0.081	0.073	0.044	0,056	0.028	#DIV/01	#DIV/0!	0.045	0.071	0.066	0.049
6:00	7:00	0.005	0.081	0.063	0.073	0.062	0.081		0,044	0.058	0.028	#DIV/01	#DIV/01	0.045	0,070	0.066	0.048
7:00	8:00	0.007	0.101	0.079	0.088	0.077	0.101	0.073	0.044	0.057	0.028	#DIV/0!	#DIV/0!	0.045	0.070	0.066	0,048
8:00	9:00	0.007	0,101	0.079	0.089	0.077	0.101	0.091	0.059	0.059	0.039	0.130	0.150	0.054	0.085	0.079	0,063
9:00	10:00	0.006	0.101	0.079	0.088	0.077	0.101	0.091	0.059	0.056	0.039	0.130	0.149	0.055	0.085	0.079	0.064
10:00	11:00	0.006	0,101	0.079	0.089	0.077	0.101	0.091	0.059	0.052	0.039	0.130	0.149	0.054	0.085	0.079	0.063
11:00	12:00	0.006	0.101	0.079	0.089	0.077	0.101	0.091	0.059	0.051	0.039	0.130	0.149	0,054	0.085	0.079	0.064
12:00	13:00	0.006	0,101	0.079	0.089	0.077	0.101	0.091	0.059	0.050	0.039	0.130	0.149	0.054	0.085	0.079	0.063
13:00	14:00	0.006	0,101	0.079	0.089	0.077	0.101	0.091	0.059	0.050	0.039	0.130	0.150	0.055	0.085	0,079	0.064
14:00	15:00	0.006	0.101	0,079	0.088	0.077		0.091	0.059	0.049	0.039	0.130	0.150	0.054	0.085	0.079	0.064
15:00	16:00	0.006	0.101	0.079	0.089	0.077	0.101	0.091	0.059	0.050	0.039	0.129	0.149	0.054	0.085	0.079	0.064
16:00	17:00	0.006	0.101	0.079	0,088	0.077	0.101	0.091	0.059	0.050	0.039	0.130	0.149	0.054	0.085	0.079	0.063
17:00	18:00	0.006	0.101	0.079	0.089	0.077	0.101	0.091	0.059	0.050	0.039	0.129	0.149	0.054	0.085	0.079	0.064
18:00	19:00	0.006	0.101	0.079	0.088	0.077	0.101	0.091	0.059	0.051	0.039	0.130	0.150	0.054	0.085	0.079	0.064
19:00	20:00	0.006	0.101	0.079	0.088	0.077	0.101	0.091	0.059	0.050	0.039	0.130	0.149	0.054	0.085	0.079	0.063
20:00	21:00	0.005	0.081	0.063	0.033	0.062	0.101	0.091	0.059	0.049	0.039	#DIV/0!	#DIV/0!	0.054	0.085	0.079	0.062
21:00	22:00	0.005	0.081	0.063	0.074		0.081	0.073	0.044	0.047	0.028	#DIV/0!	#DIV/0!	0.045	0.070	0.065	0.047
22:00	23:00	0.005	0.081	0.063	0.074	0.062	0.081	0.073	0.044	0.047	0.028	#DIV/0!	#DIV/0!	0.045	0.070	0.065	0.047
23:00	0:00	0.005	0.081	0.063	0.074	0.062	0.081	0.073	0.044	0.048	0.028	#DIV/0!	#DIV/0I	0.045	0.070	0.065	0.048
	Day	0.006	0.096	0.075	0.074	0.062	0.081	0.073	0.044	0.050	0.028	#DIV/0!	#DIV/0!	0.045	0.070	0.065	0.048
				0.070	0.000	0.073	0.096	0.086	0.055	0.051	0.036	0.130	0.149	0.052	0.081	0.075	0.059

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Vehicle classes

MC-1 PC+LGV-petrol

MC-3 PC+LGV<2.6-diesel

MC-4 LGV2.6-3.5t-diesel

MC-5 PLB (LPG/Diesel)

MC-6 LGV>3.5t-diesel

MC-7 HGV<15t-diesel

MC-8 HGV>15t-diesel

MC-10 Fran DD bus - diesel

MC-11 Motorcycle -petrol Taxi

Taxi-3

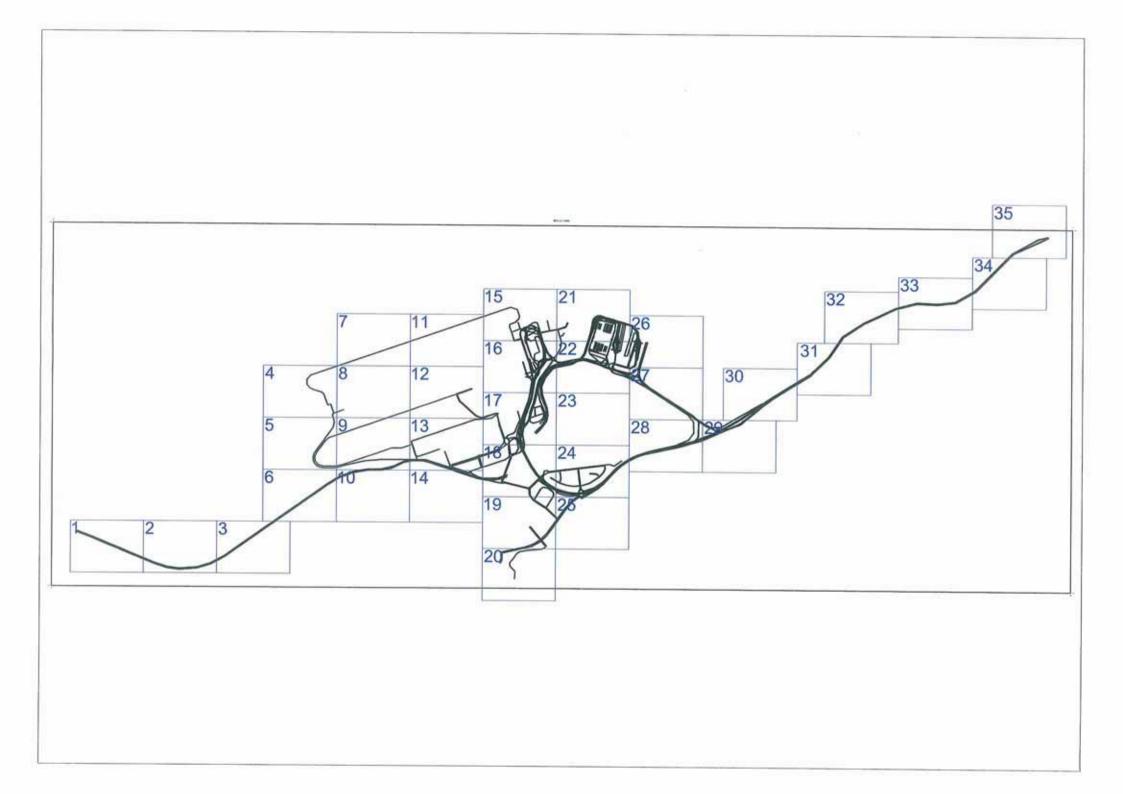
Taxi-4 PrLB<3.5t-diesel

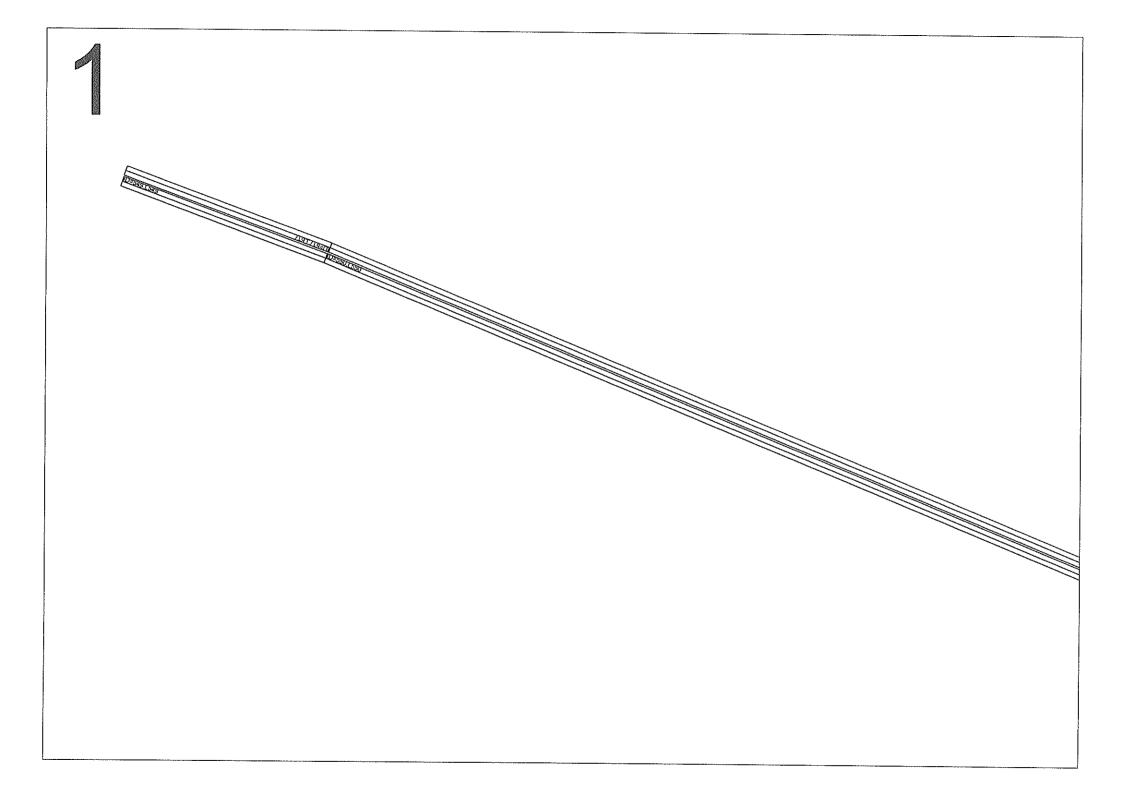
Taxi-5 PrLB>3.5t (LPG/Diesel) Taxi-6

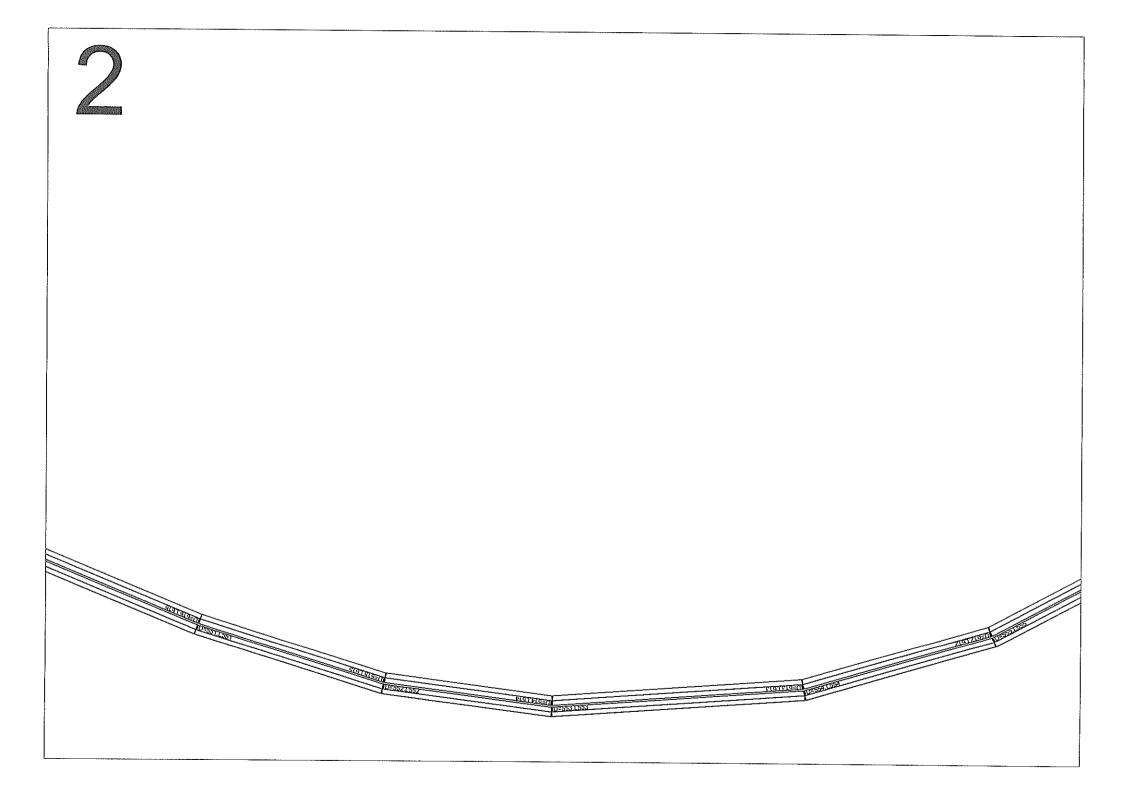
Non-tran bus<6.4t-dieset Taxi-7

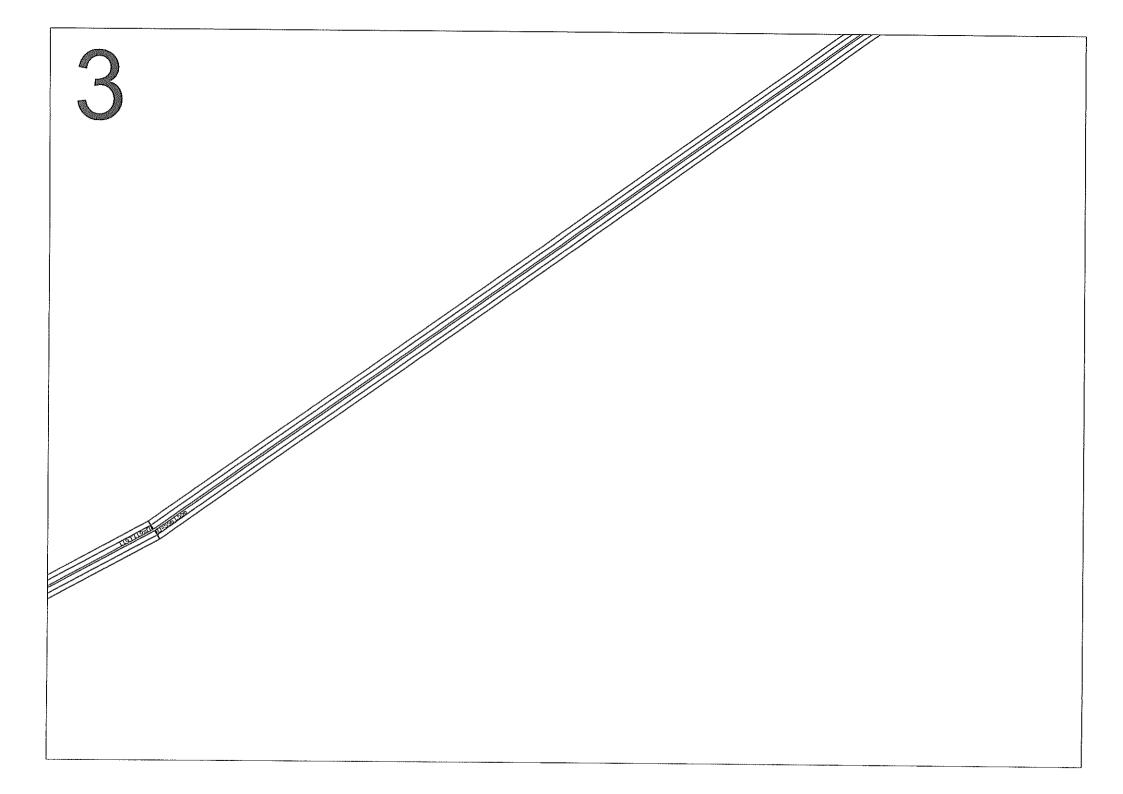
Non-fran bus<6.4-15t-diesel Taxi-8 Non-fran bus>15t-diesel

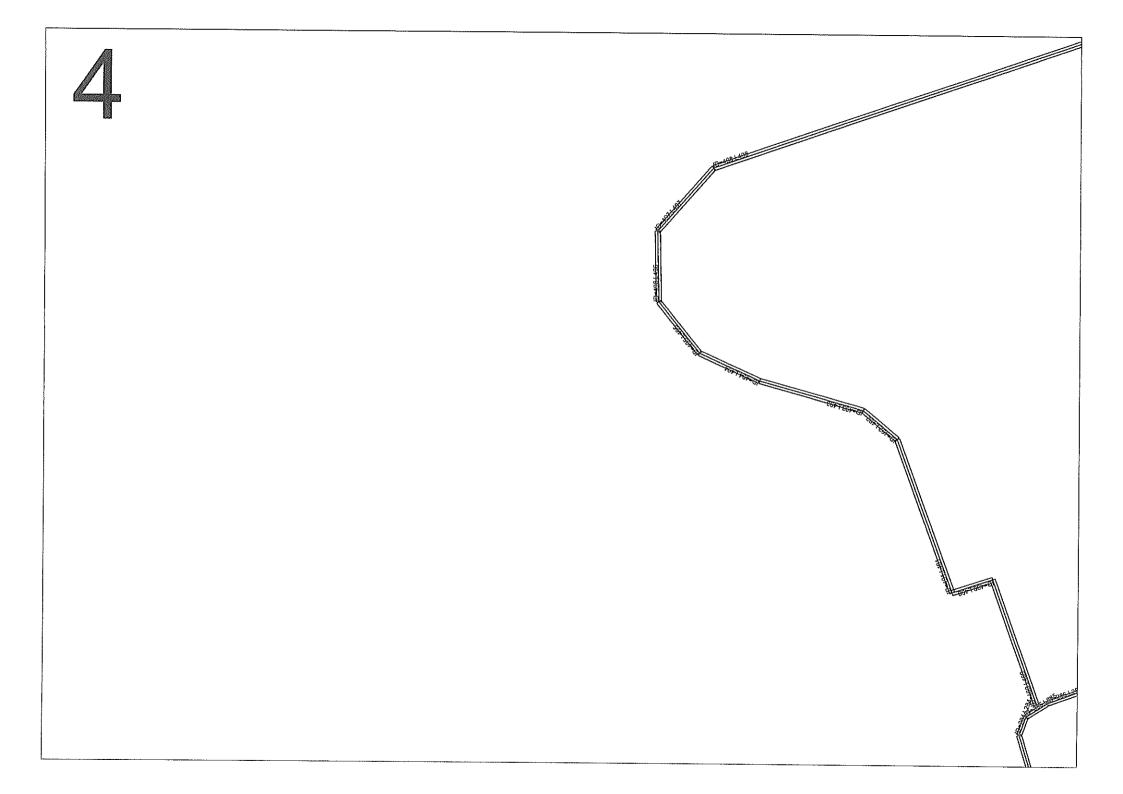
Taxi-10 Fran SD bus - diesel

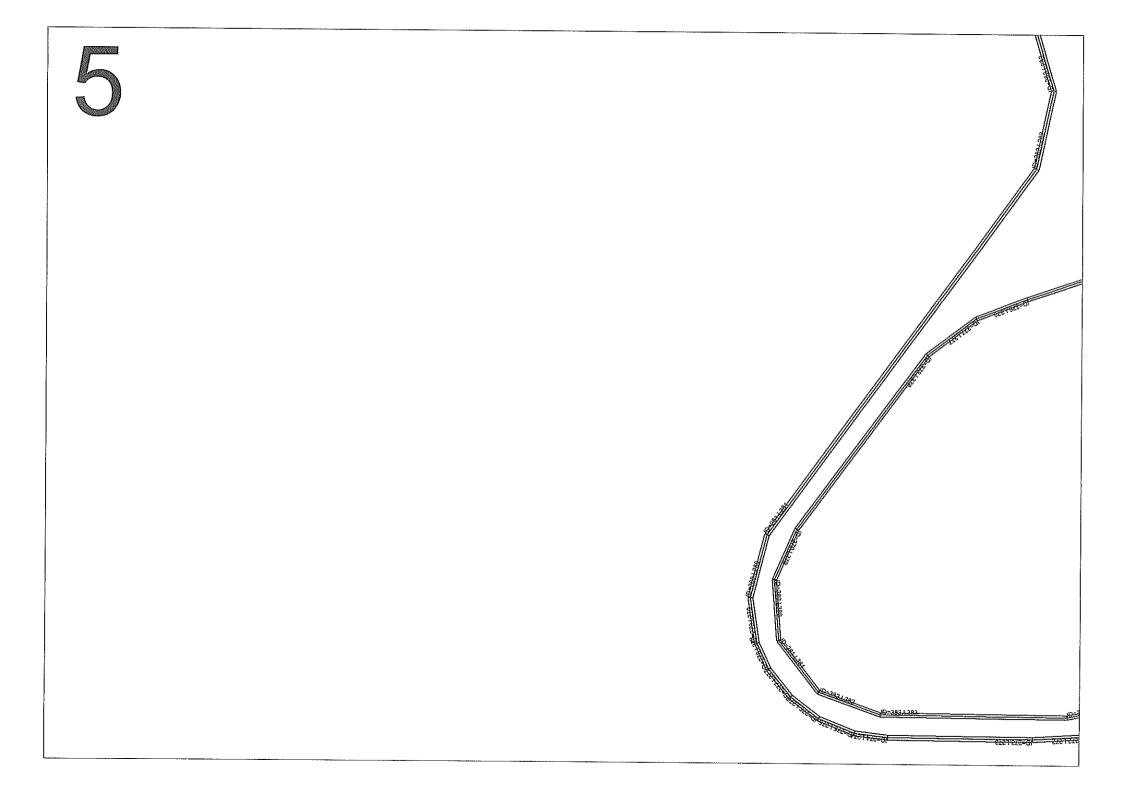


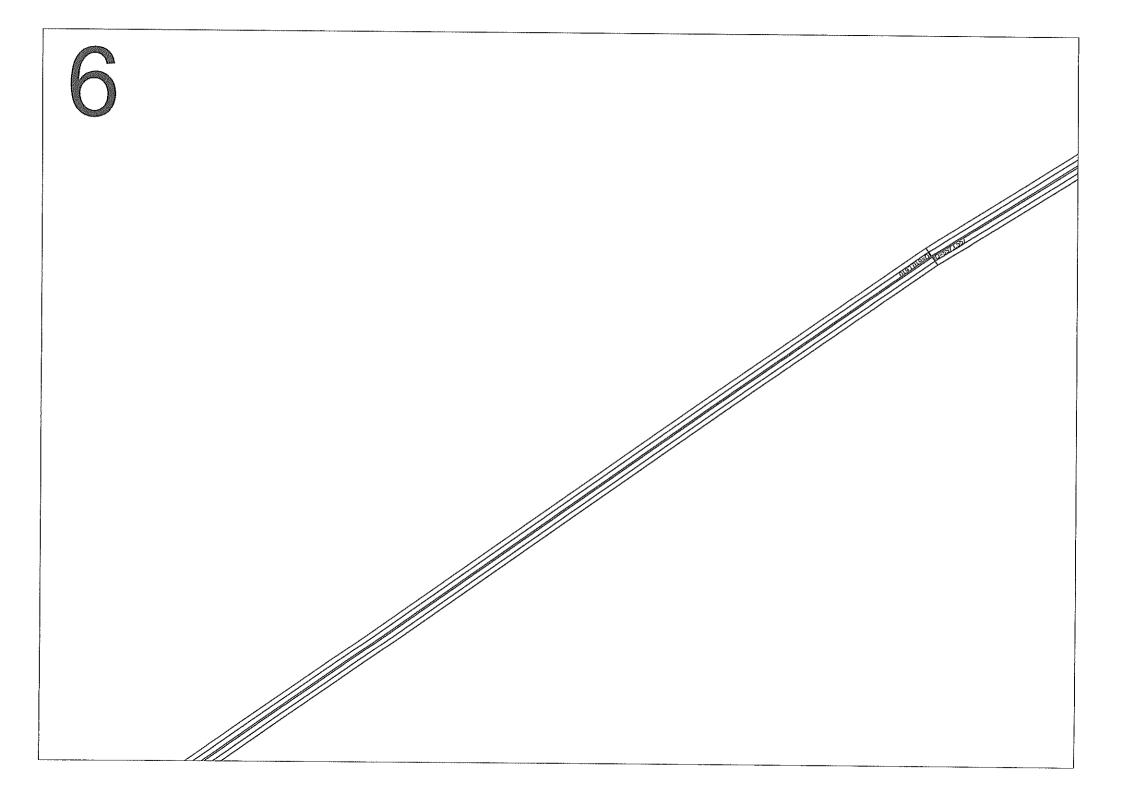


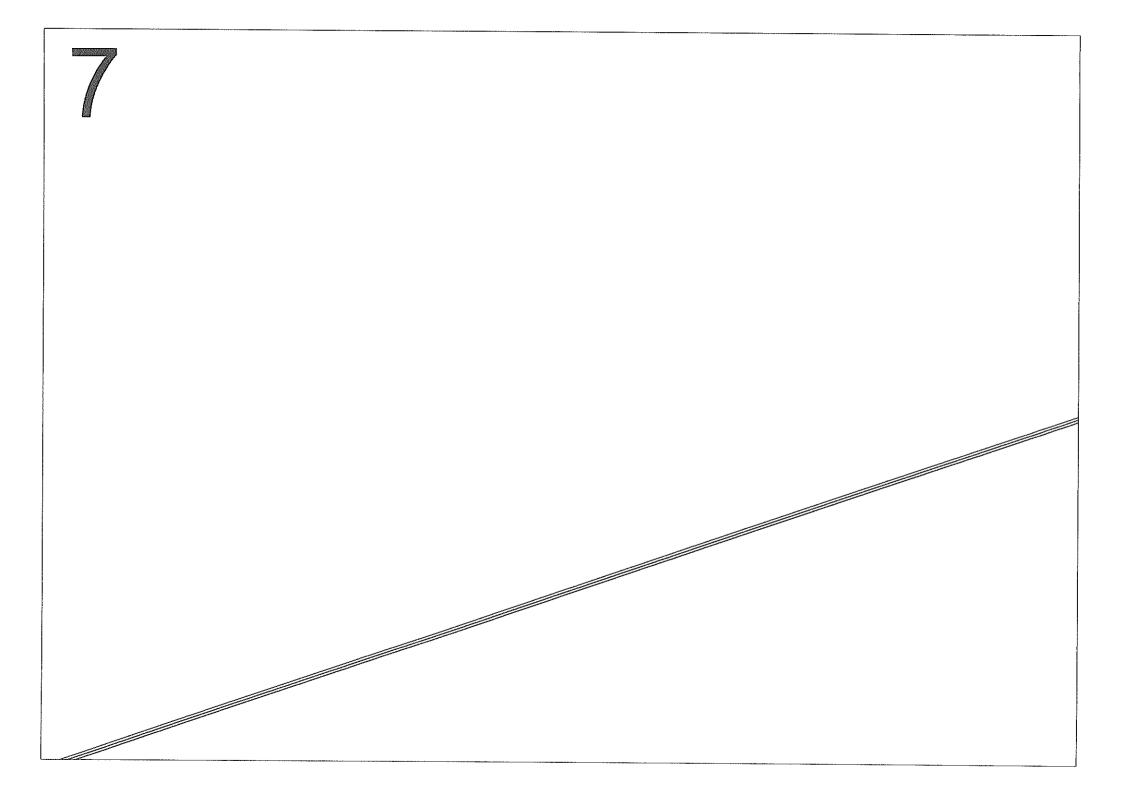


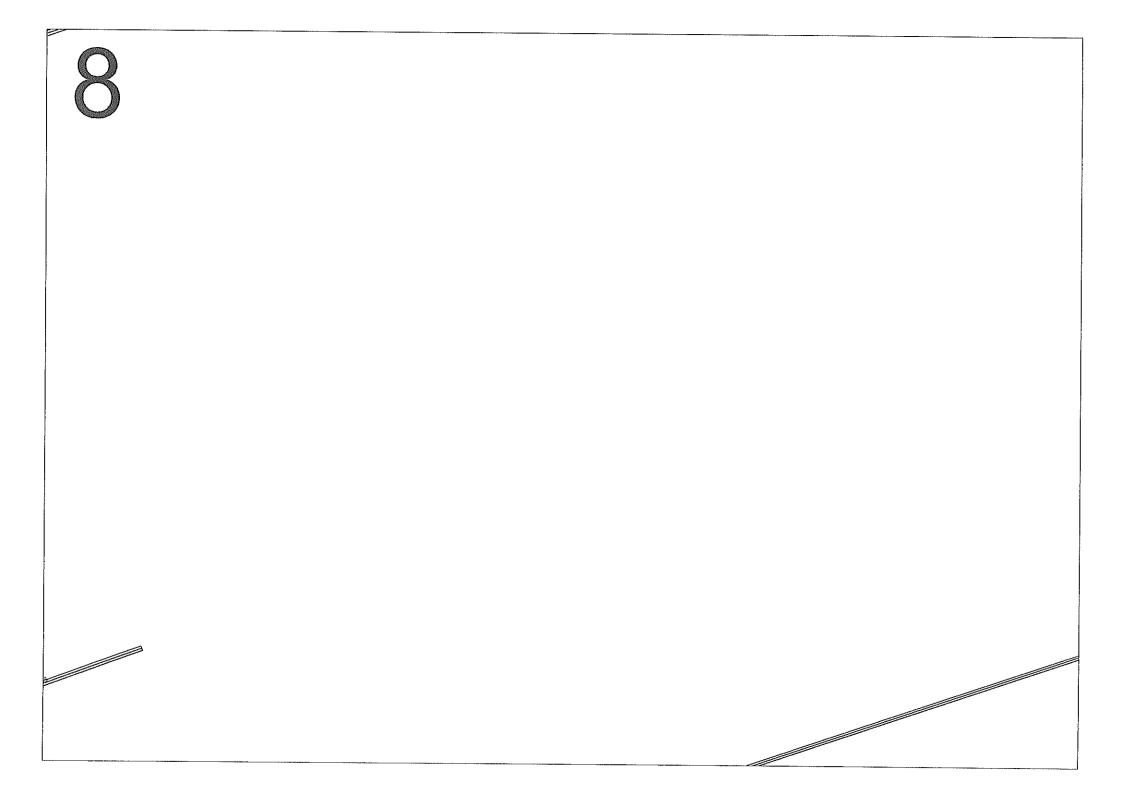


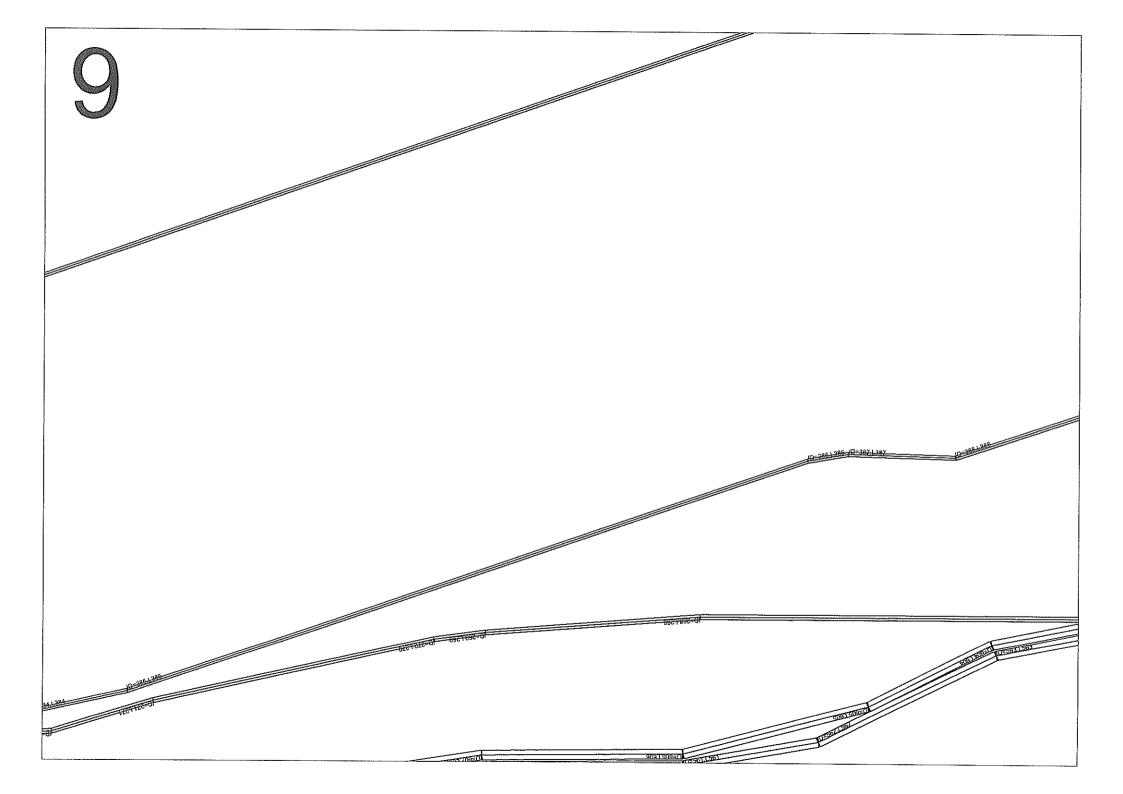


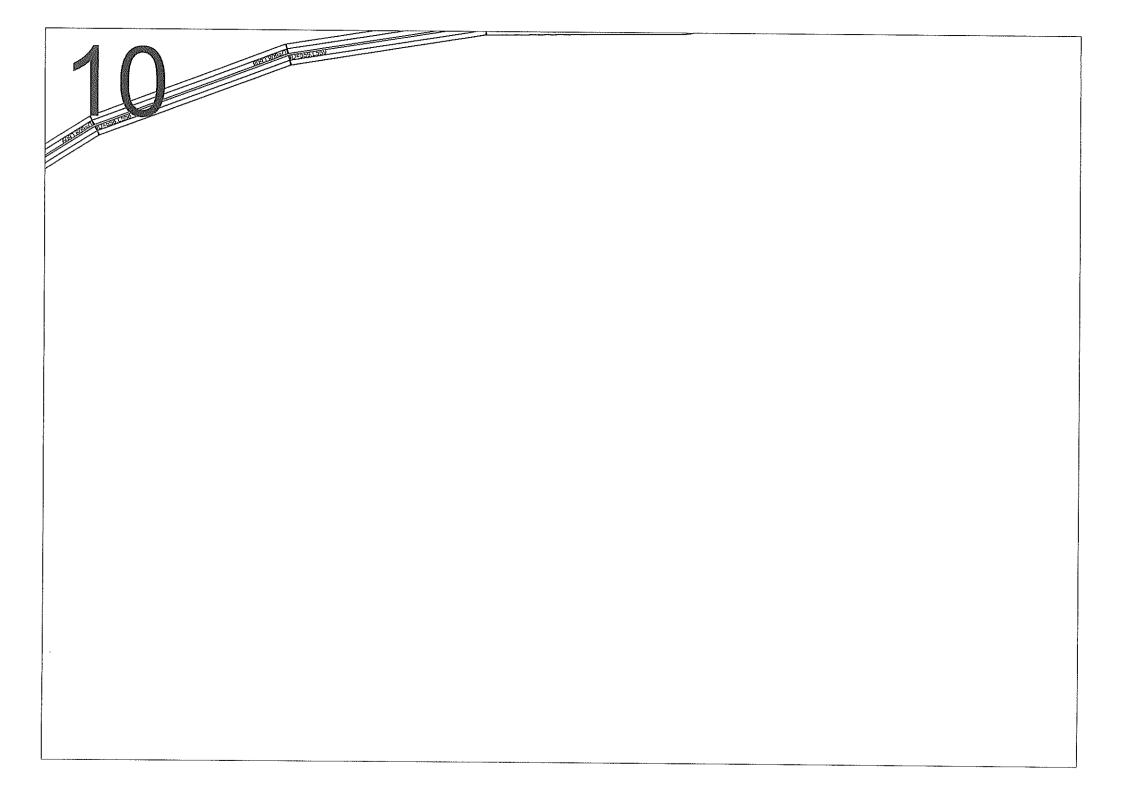


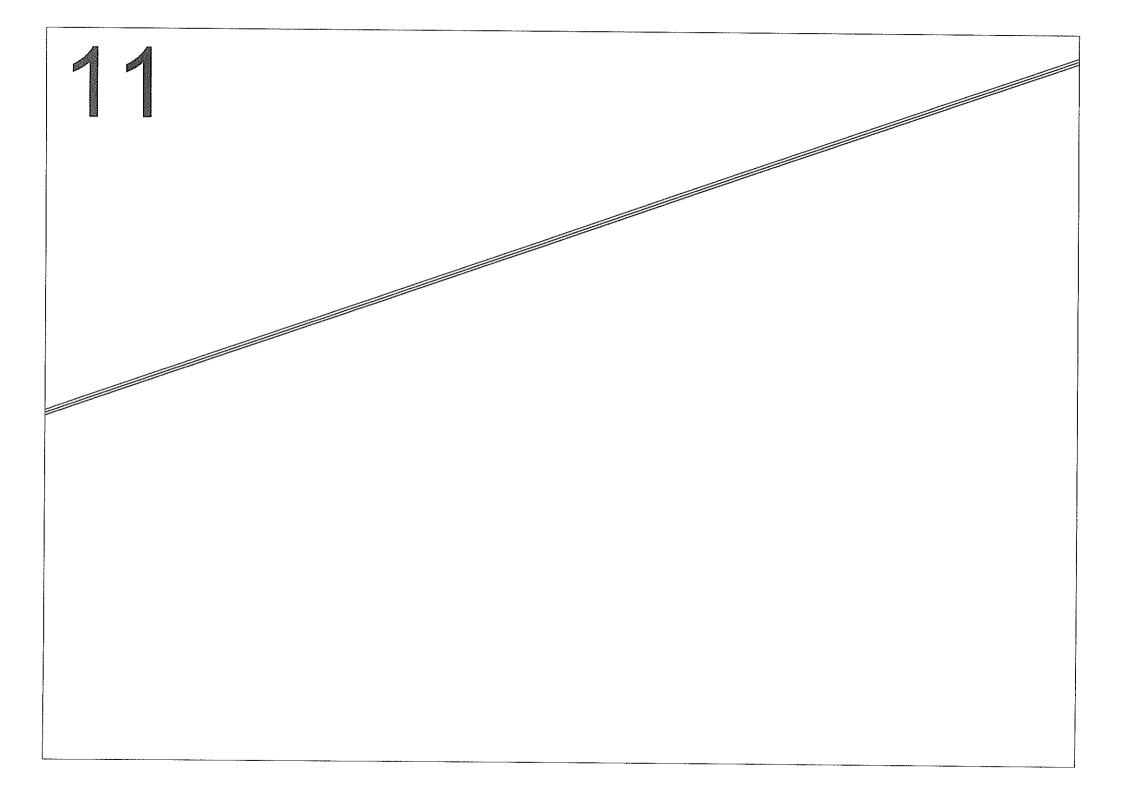


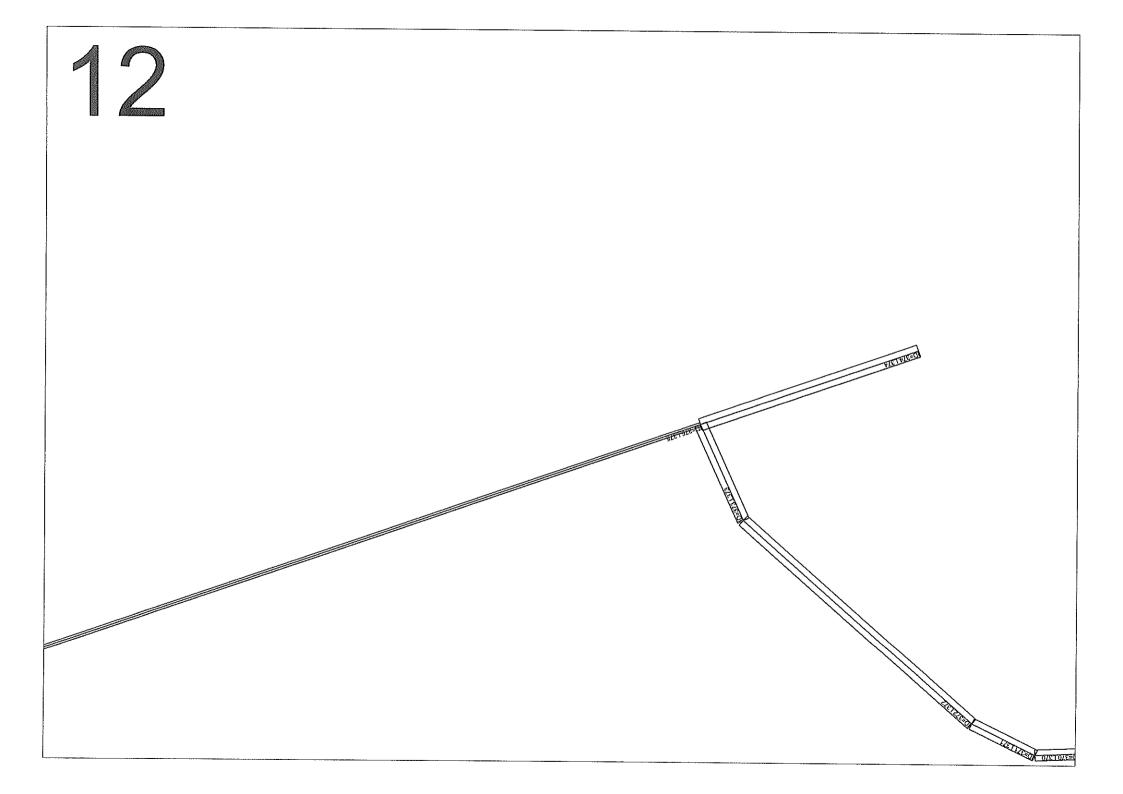


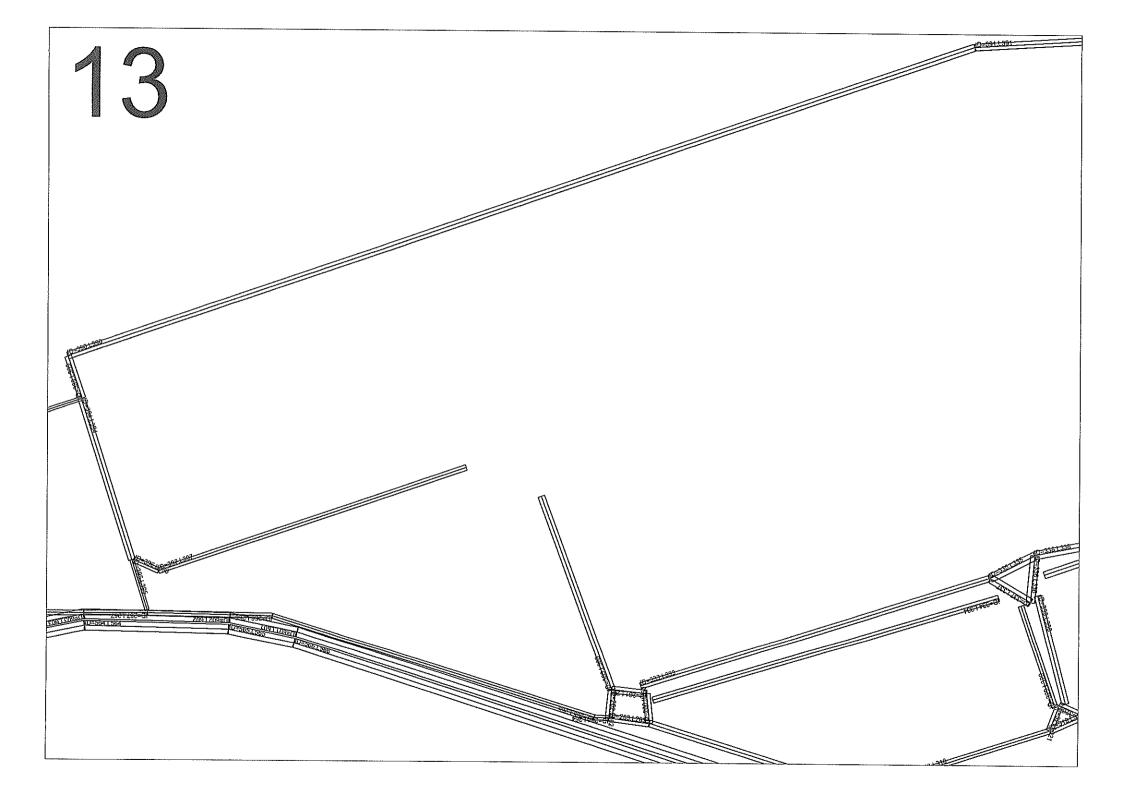


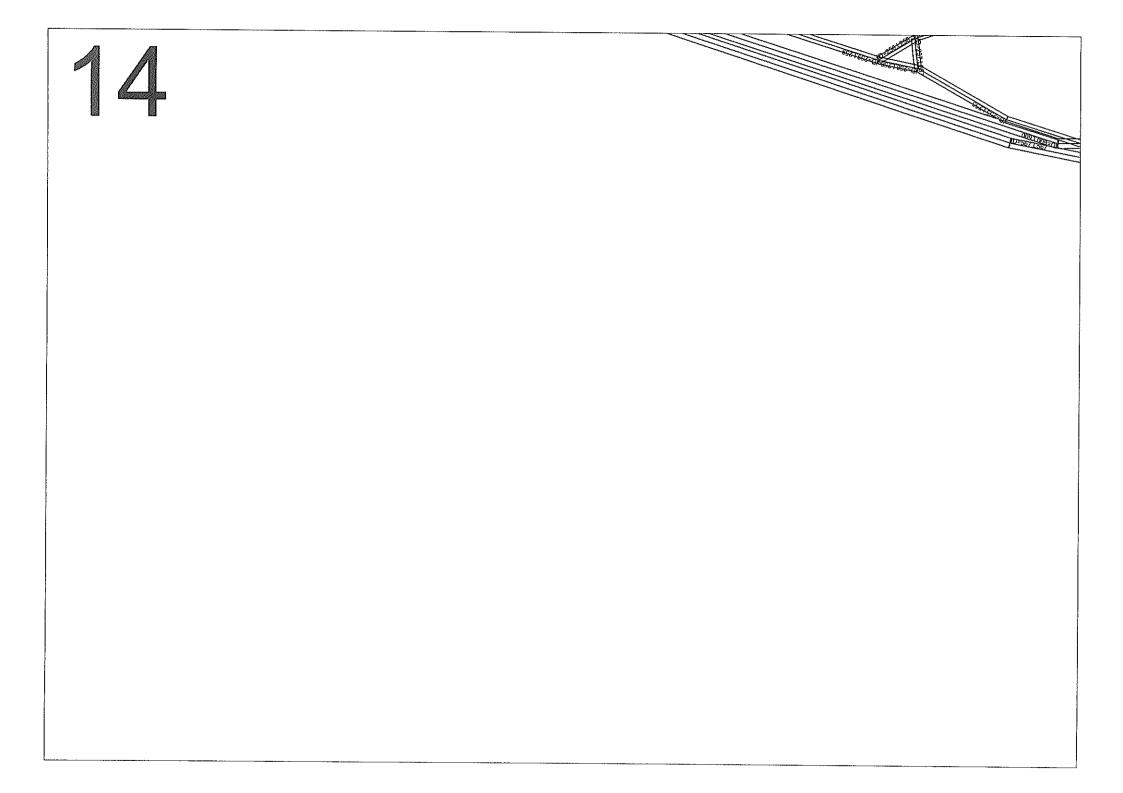


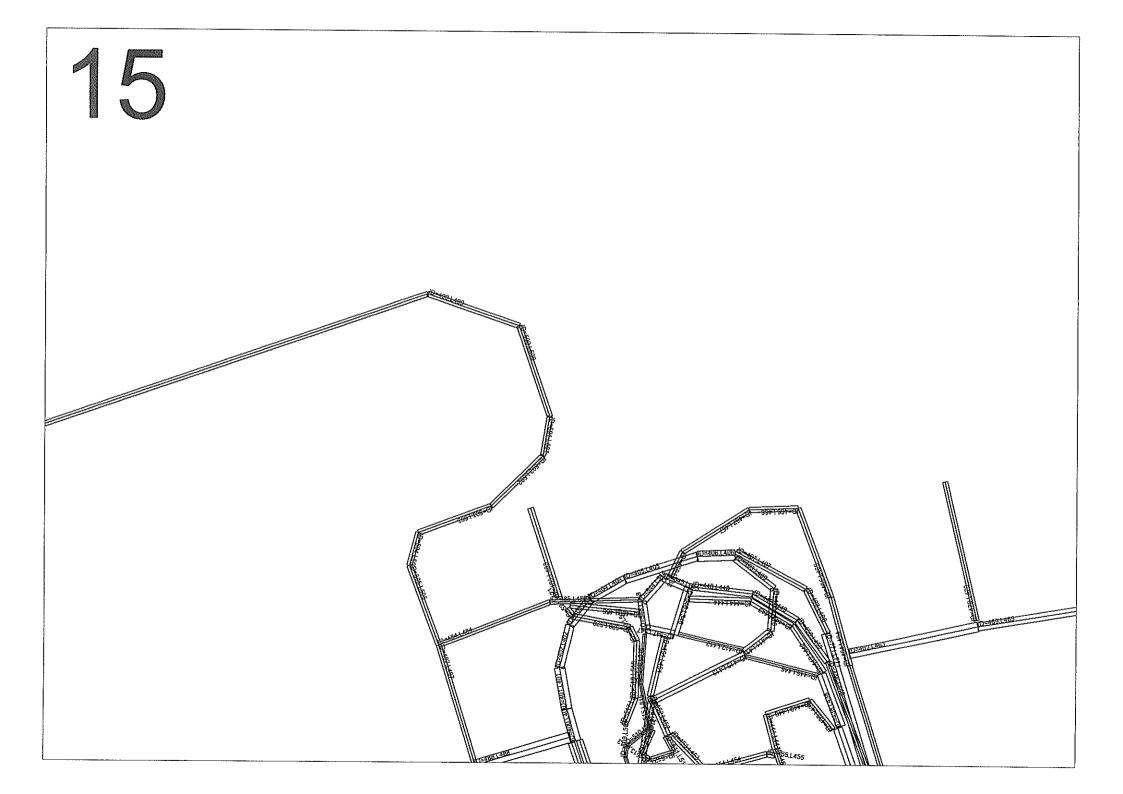


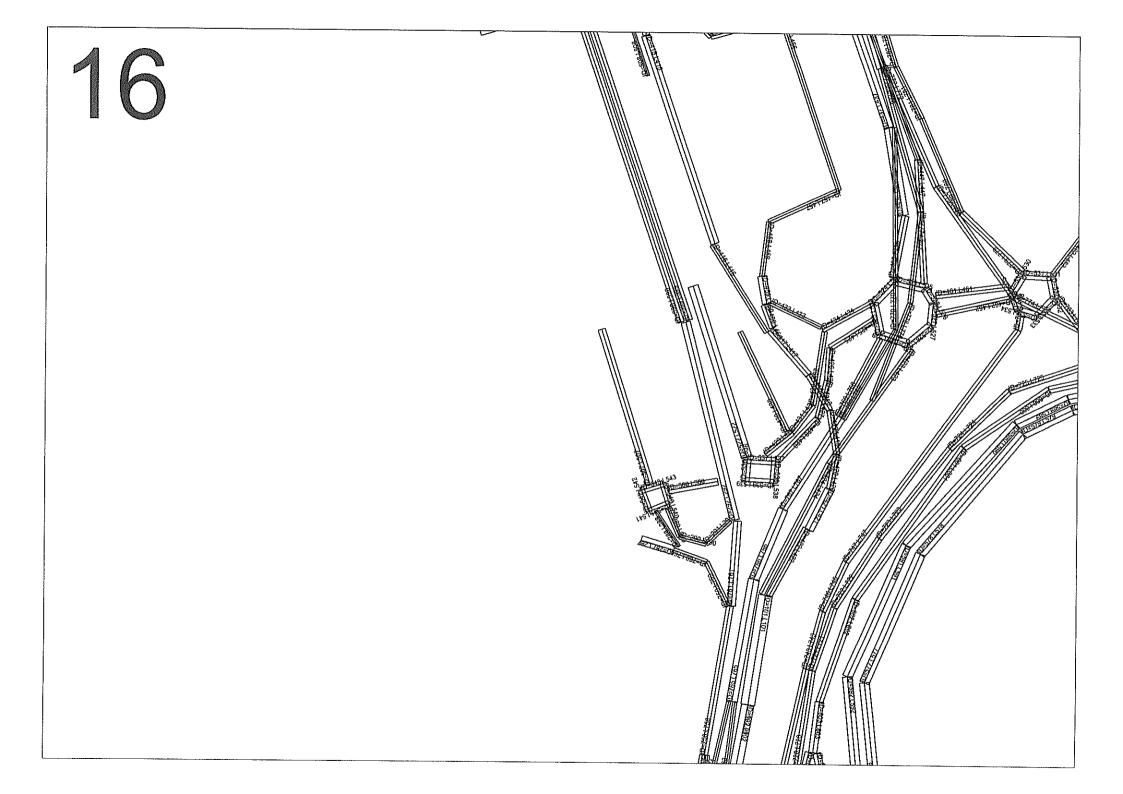


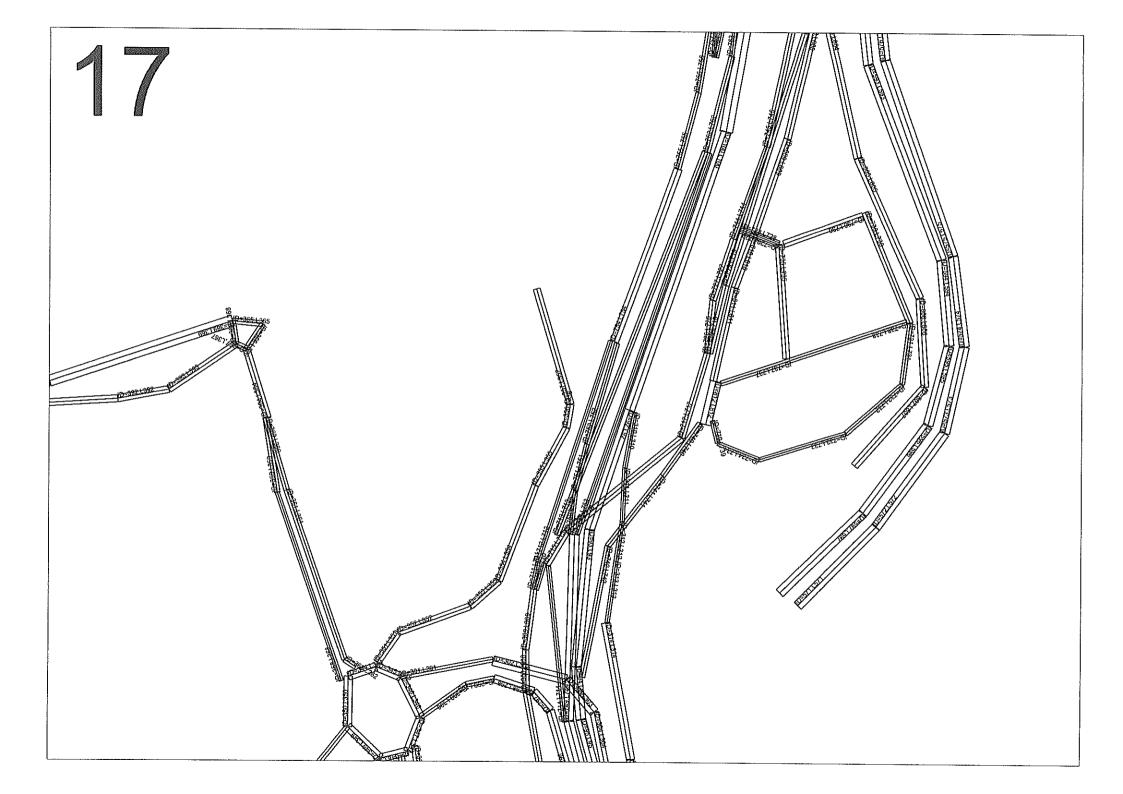


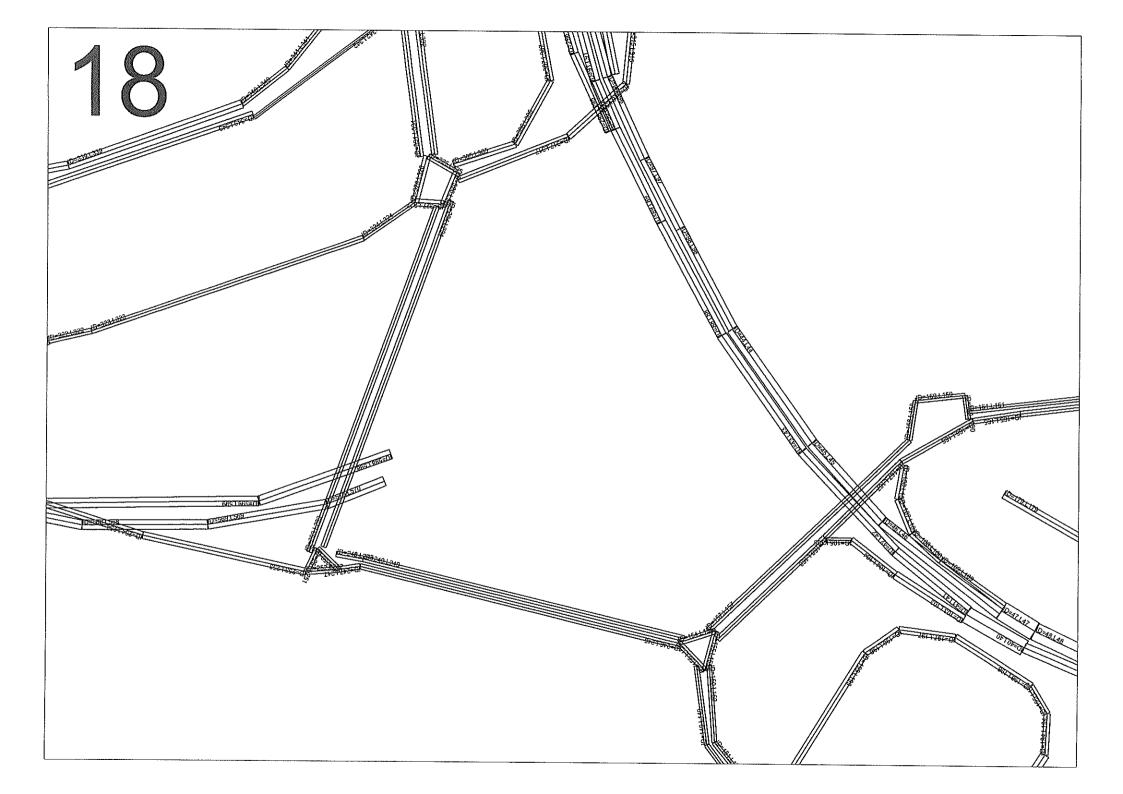


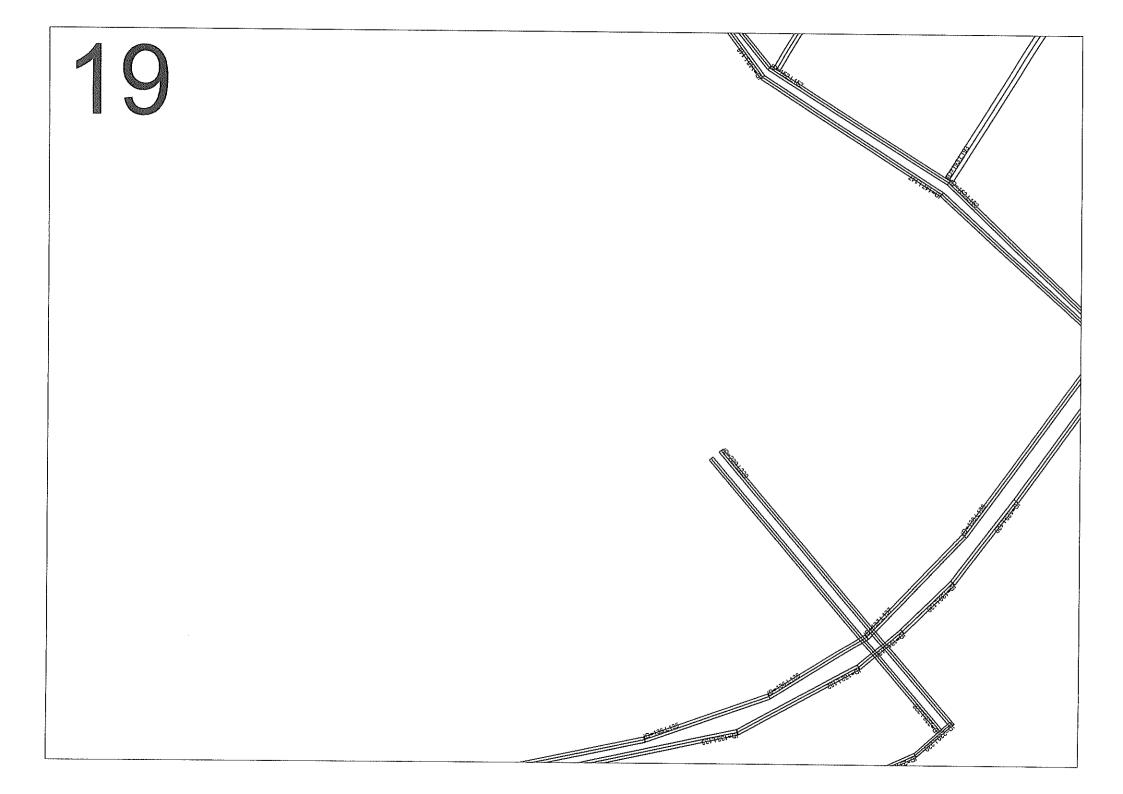


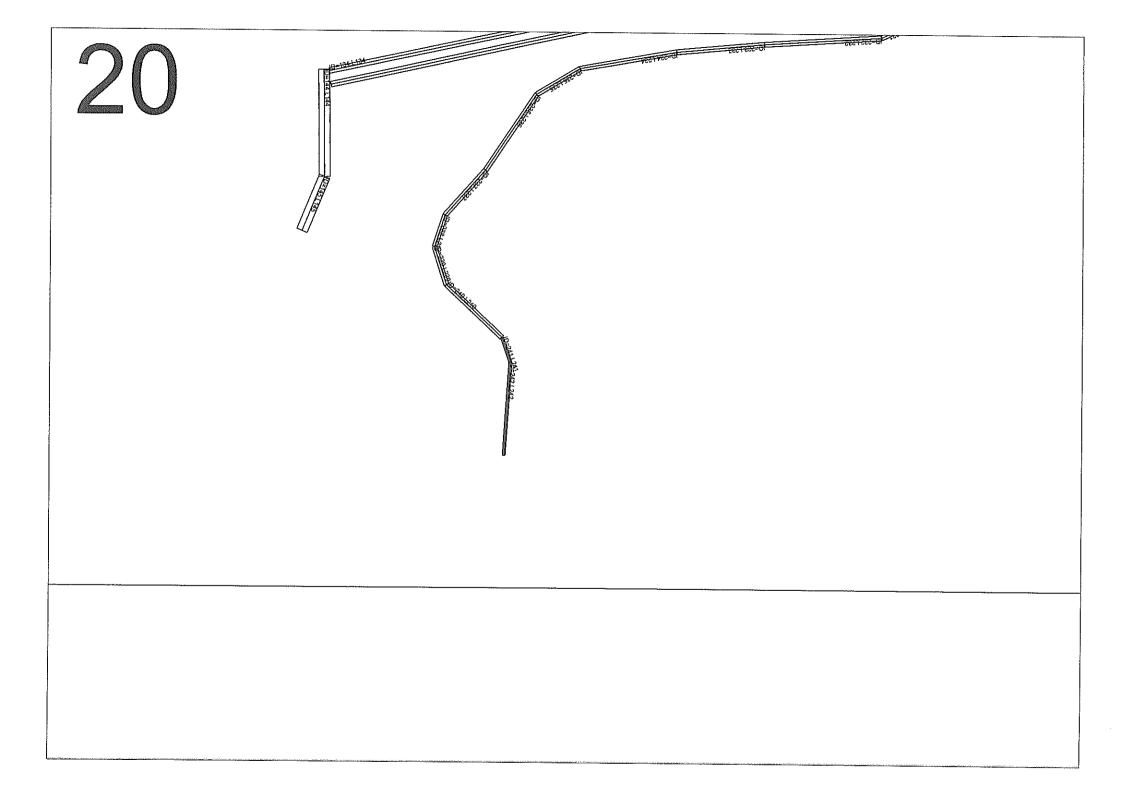


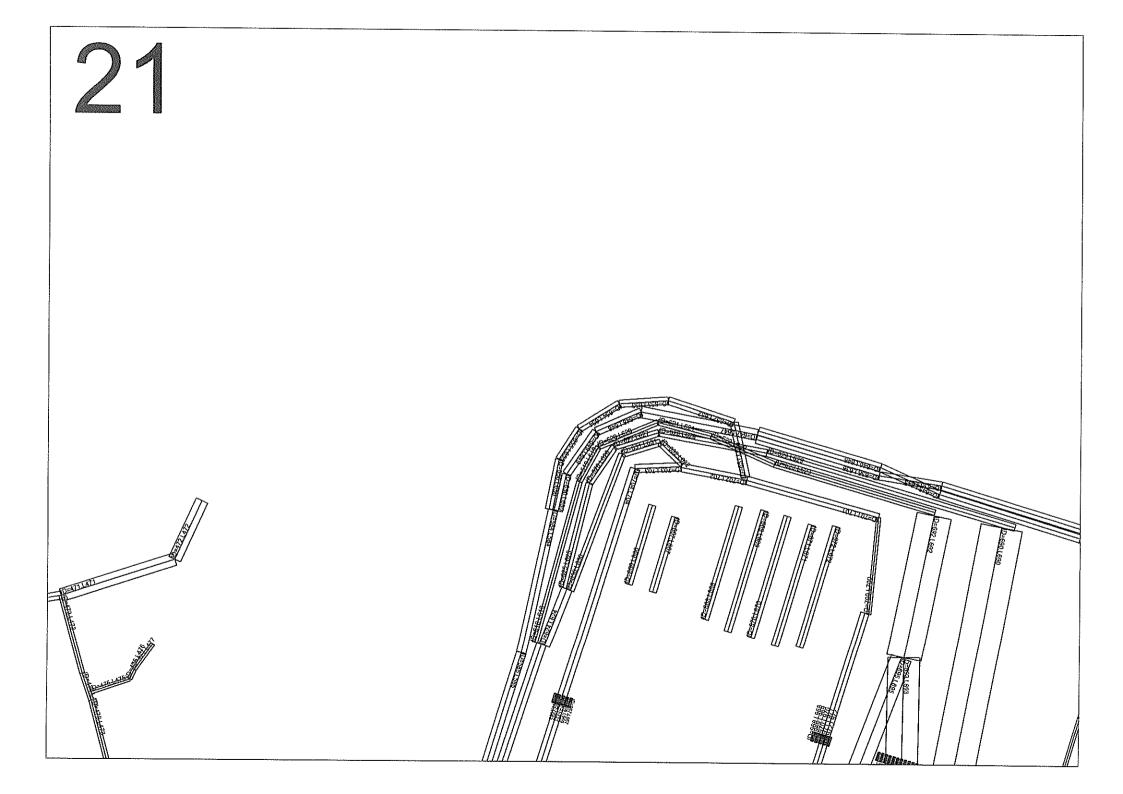


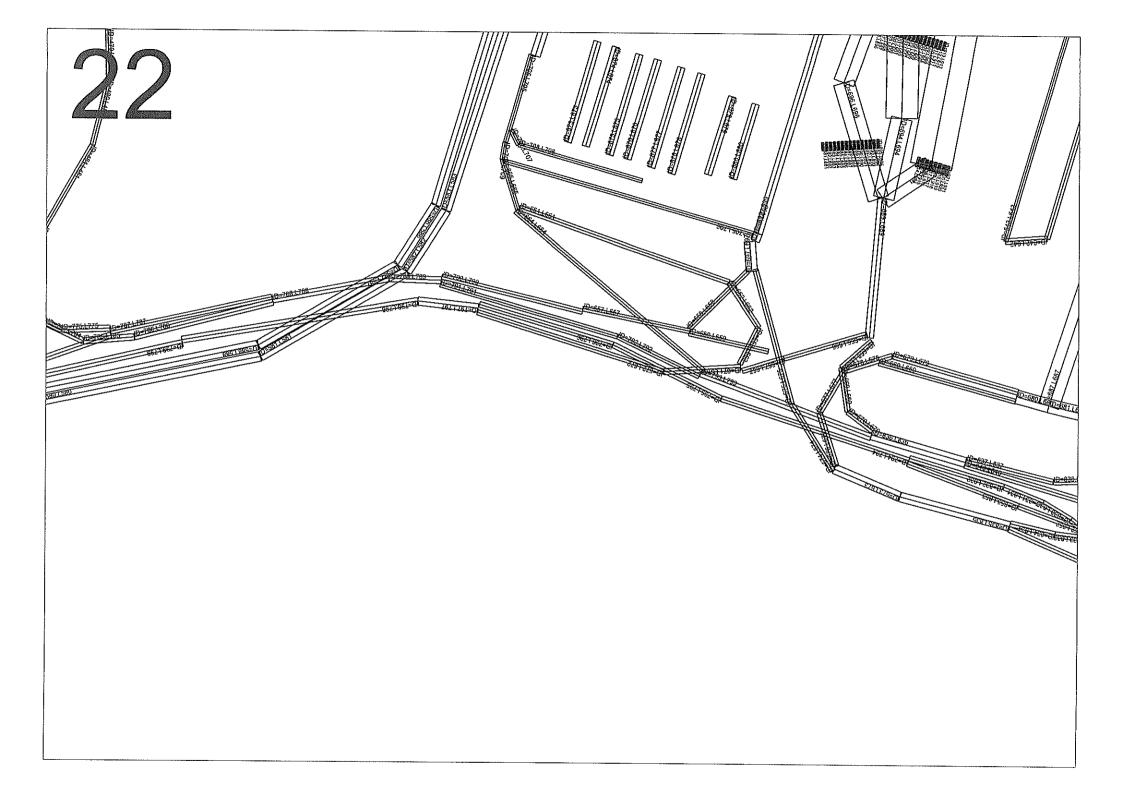


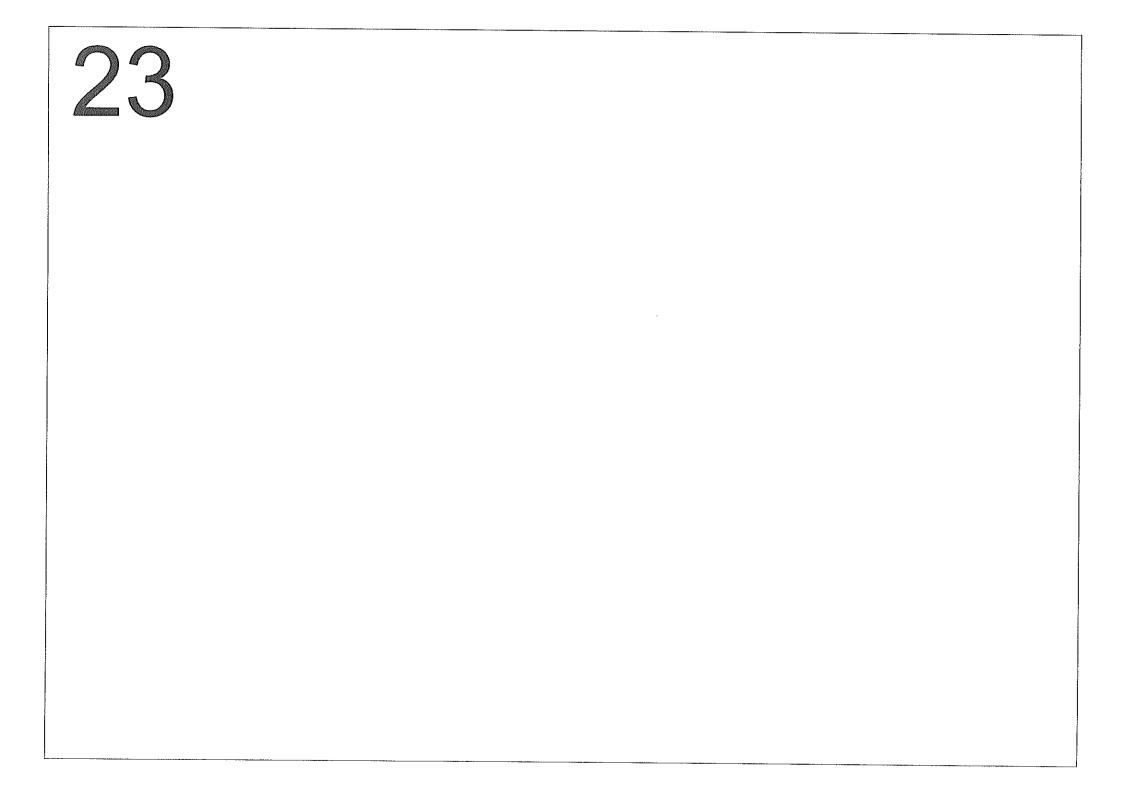


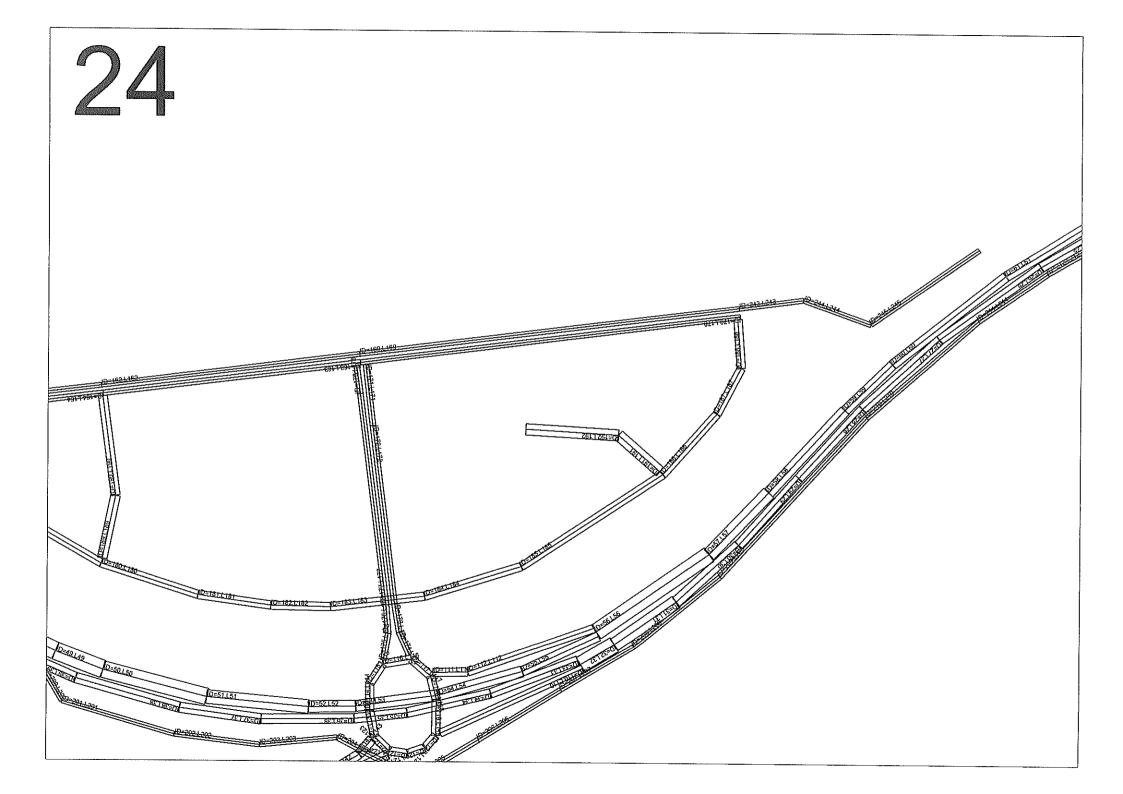


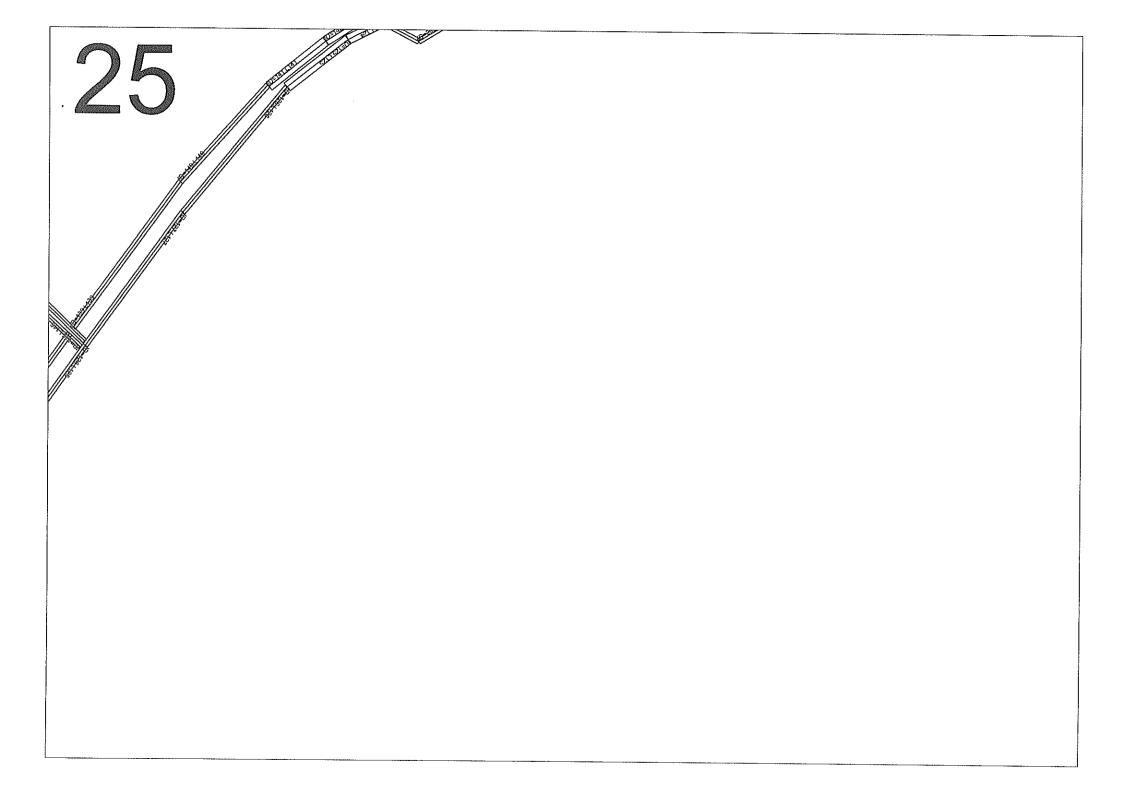


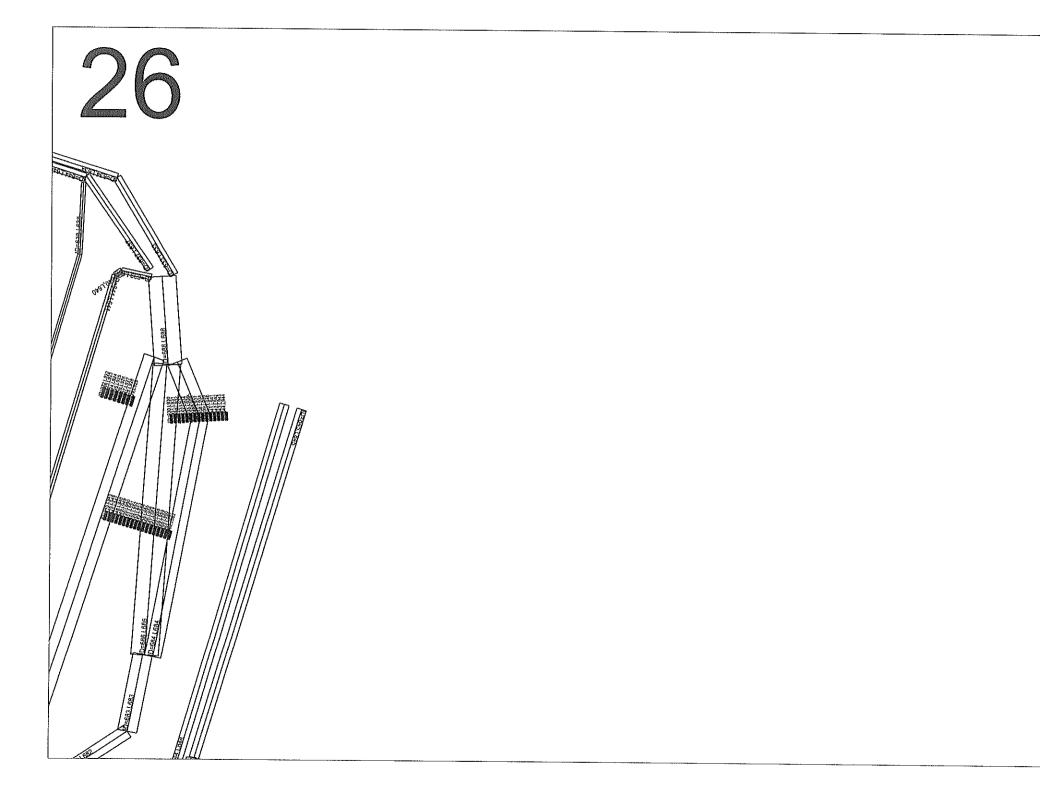


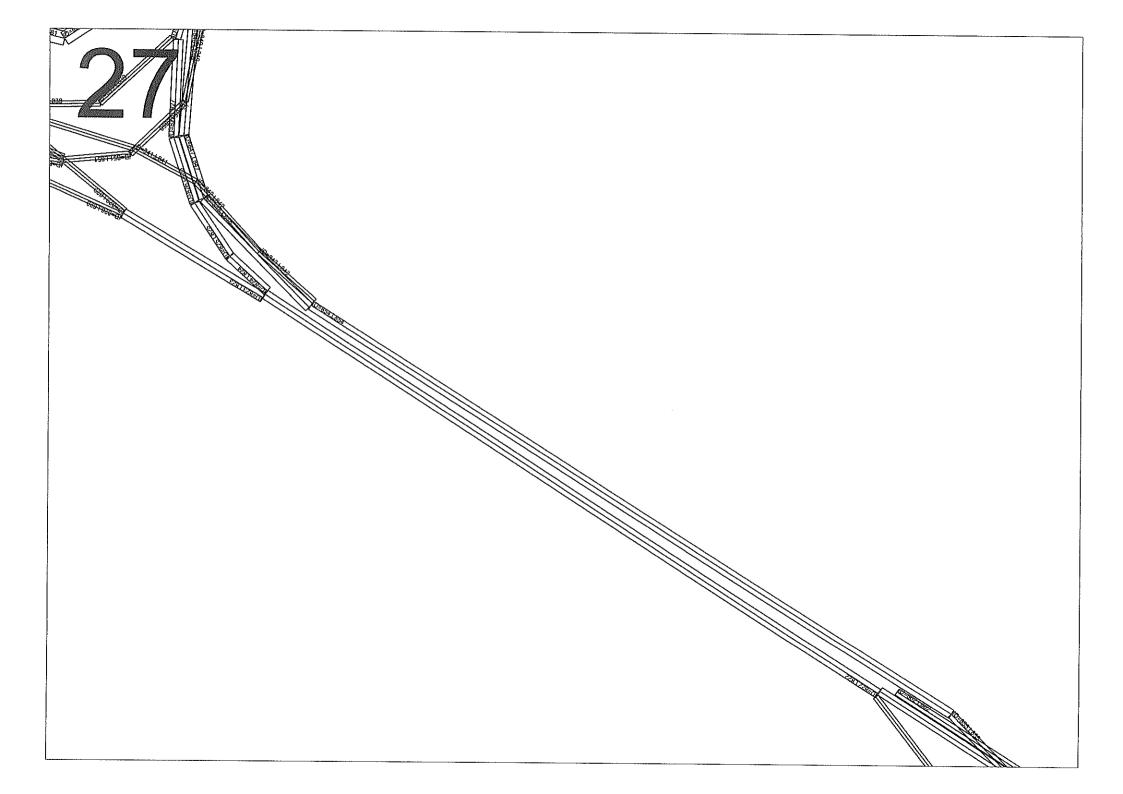


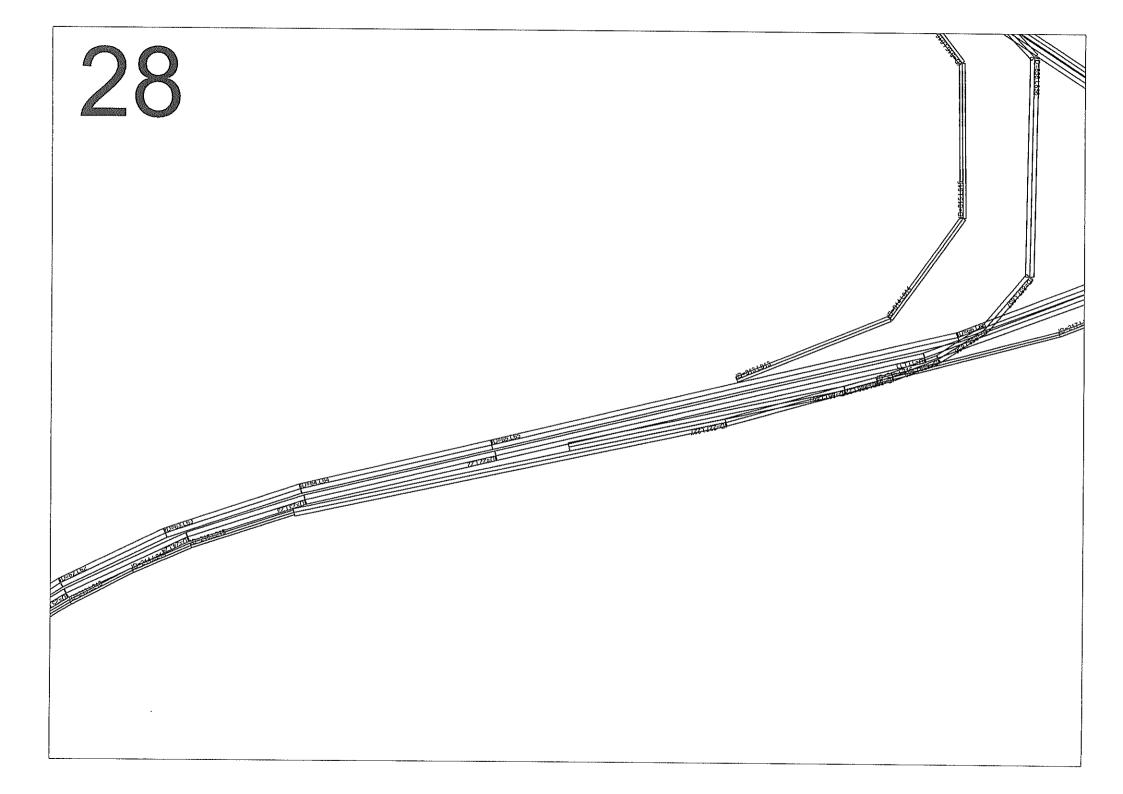


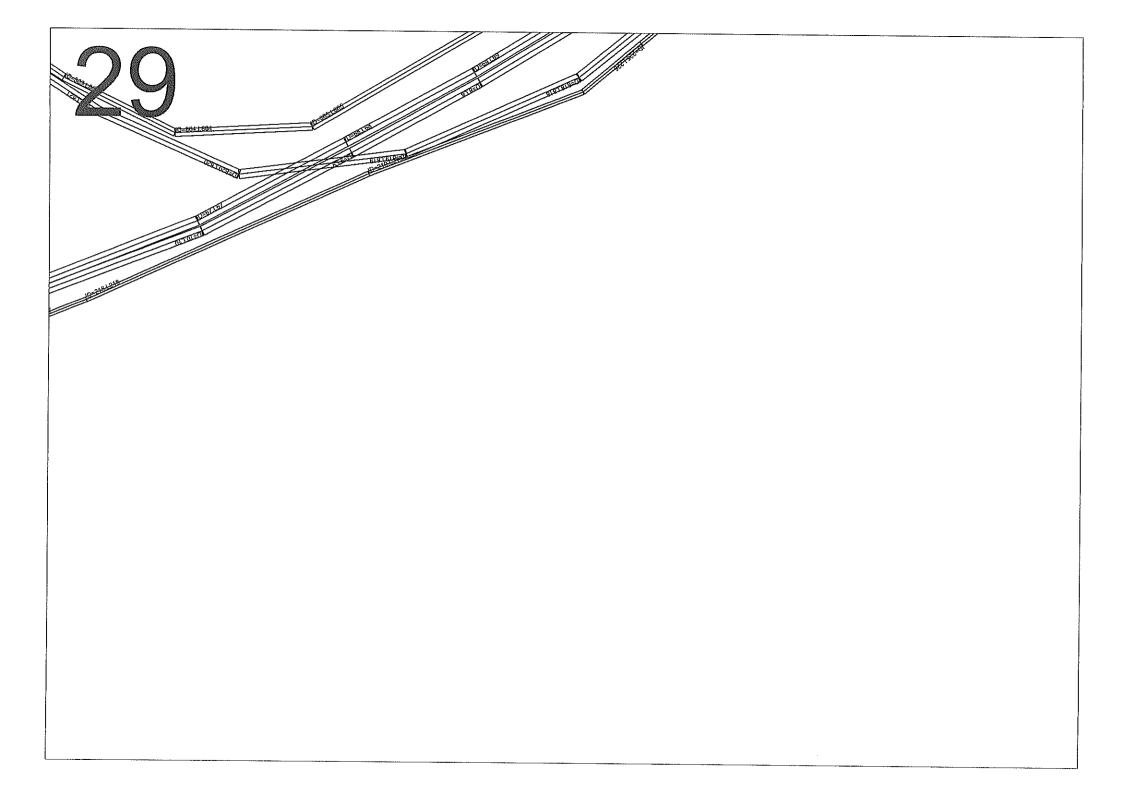


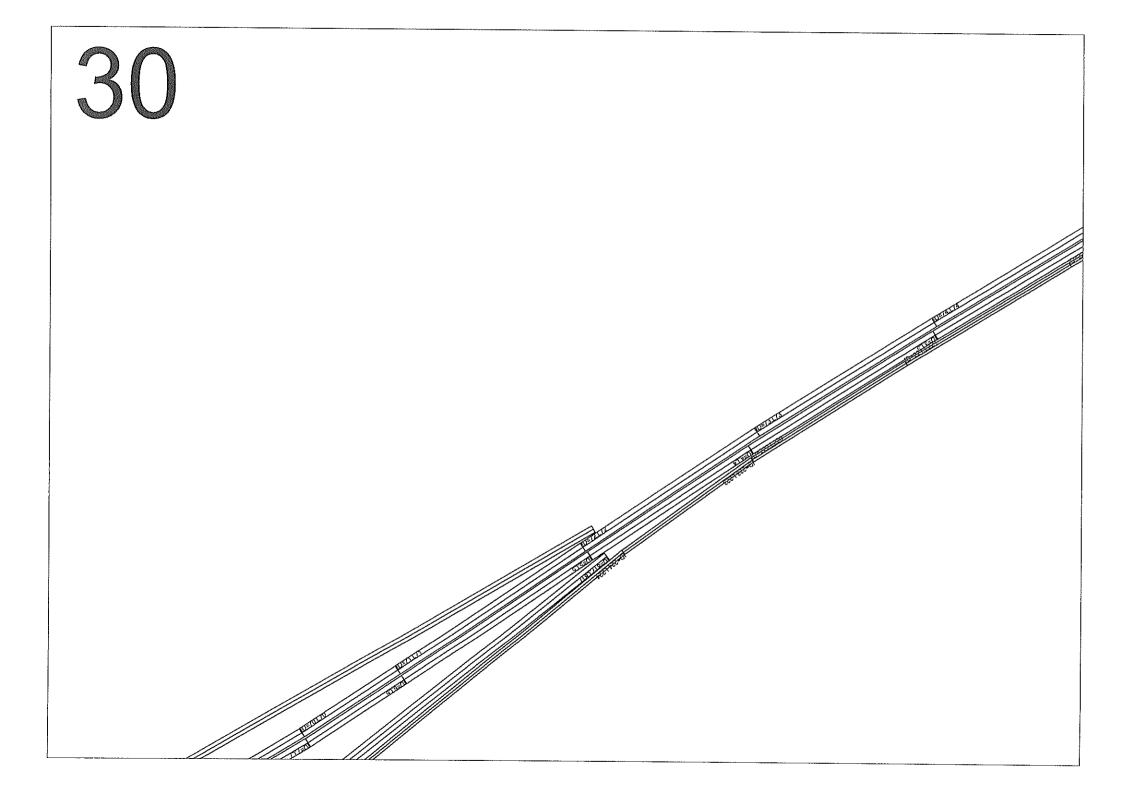


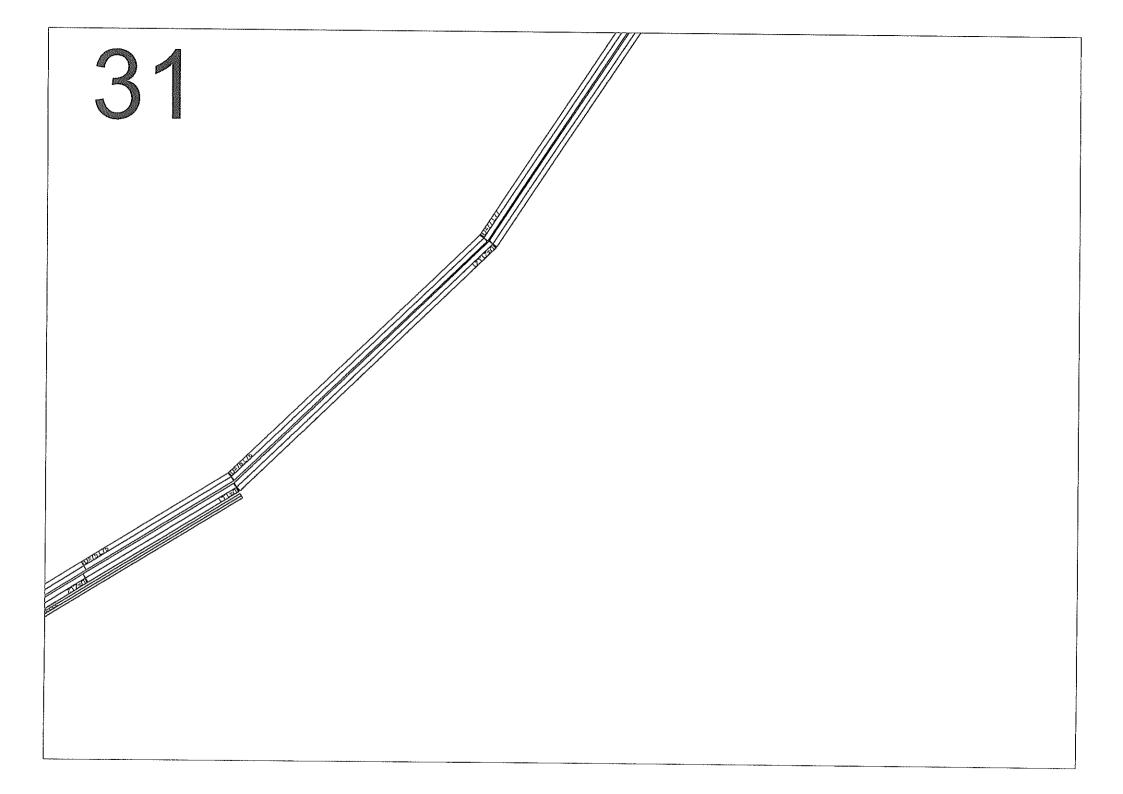


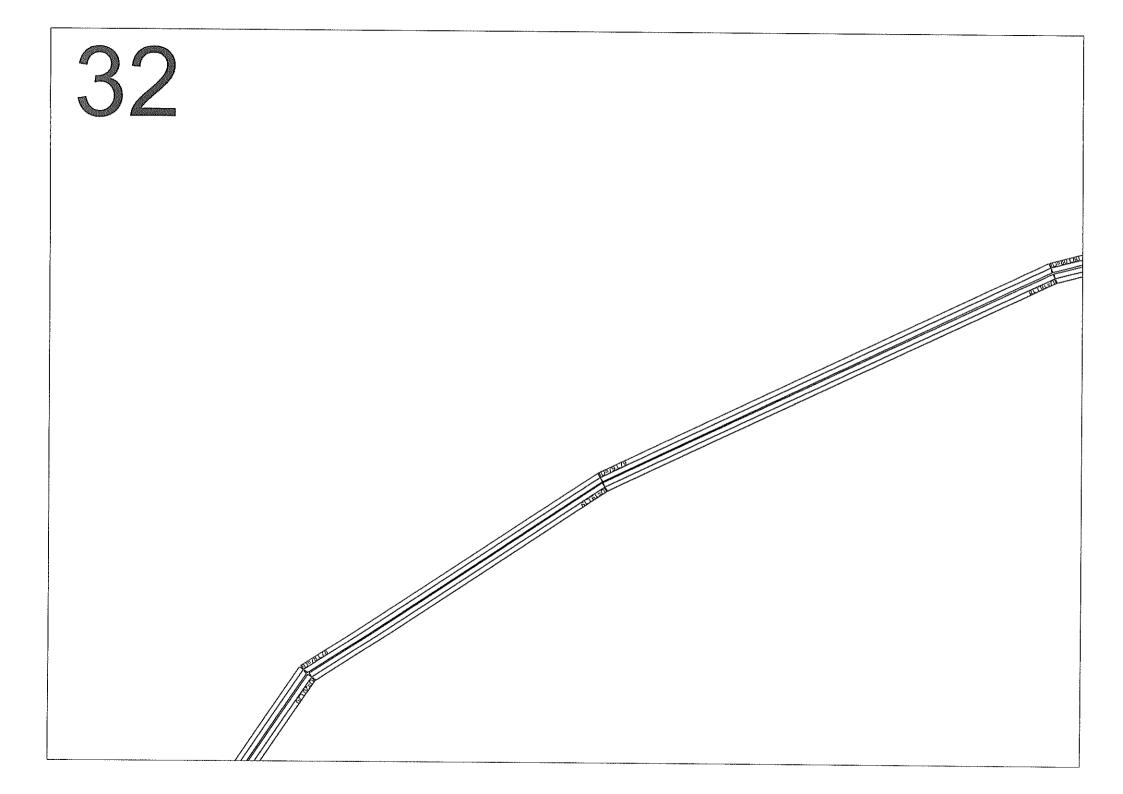


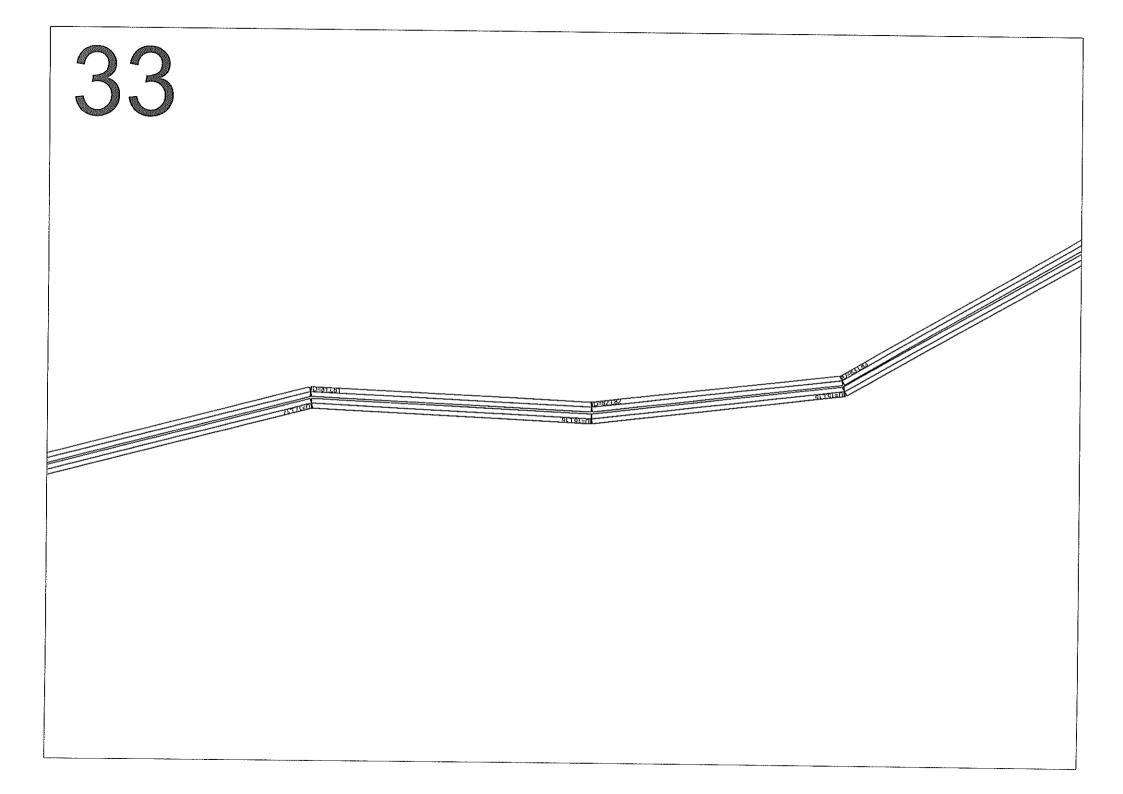


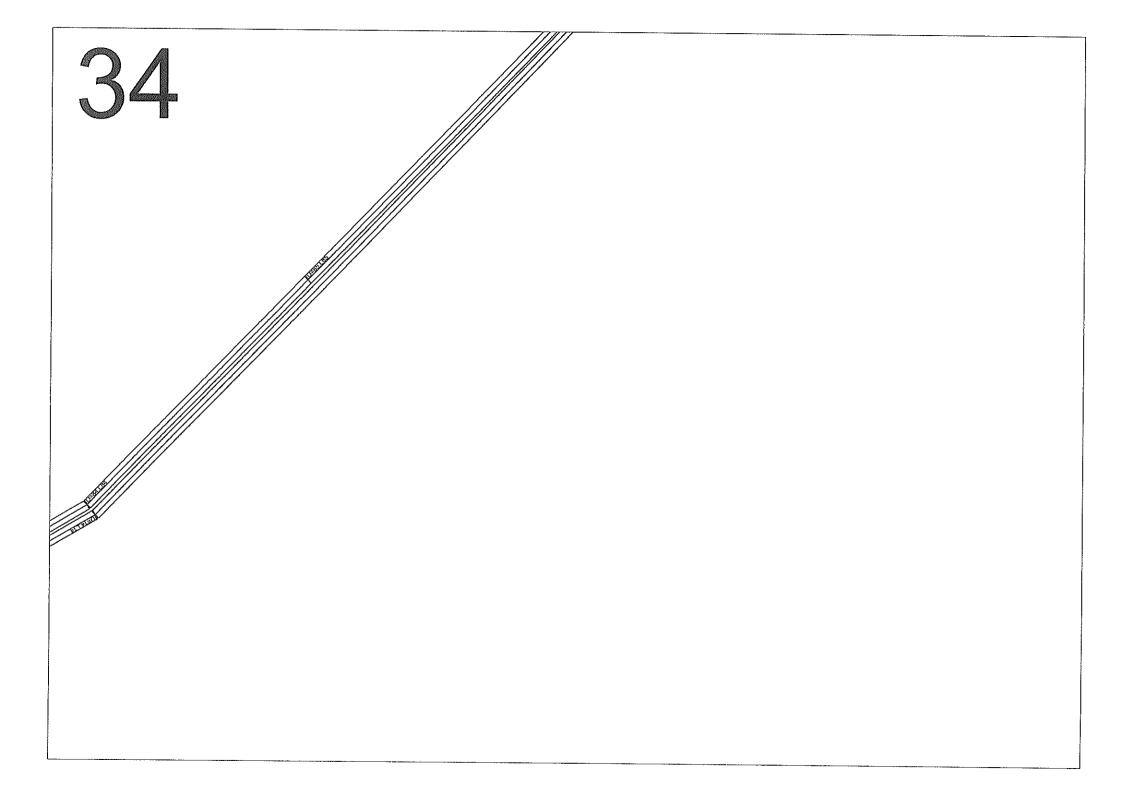


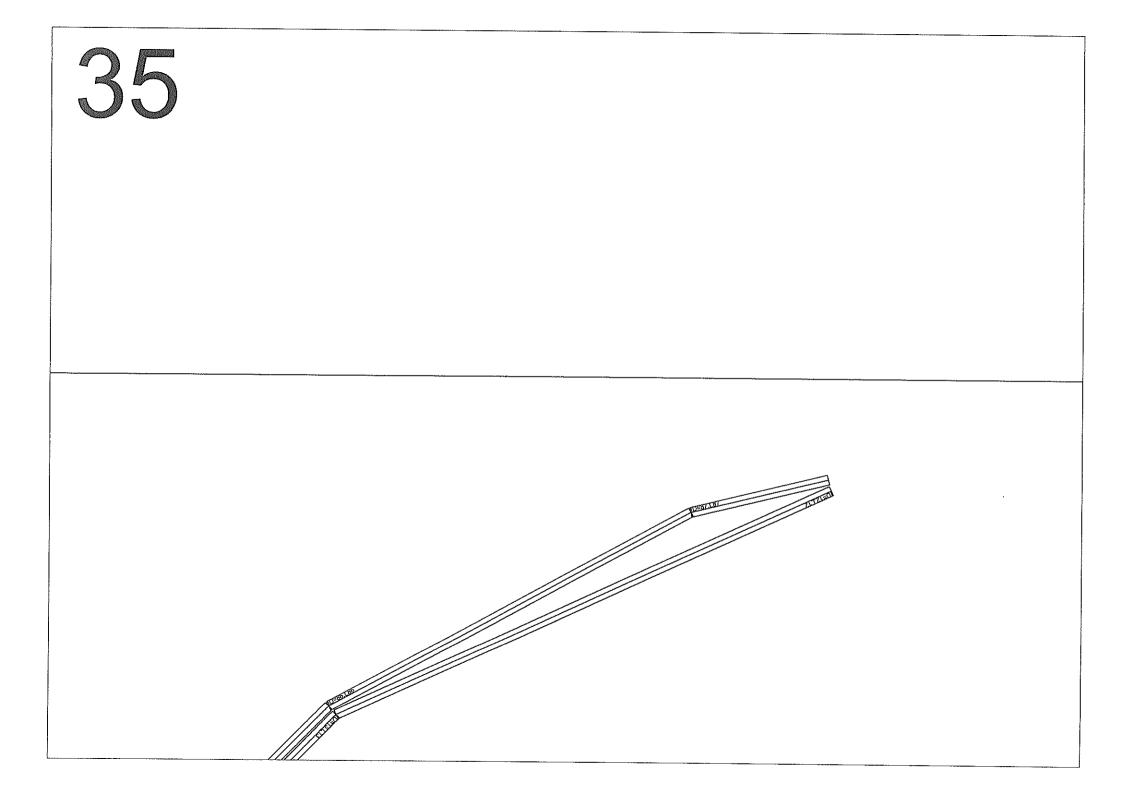


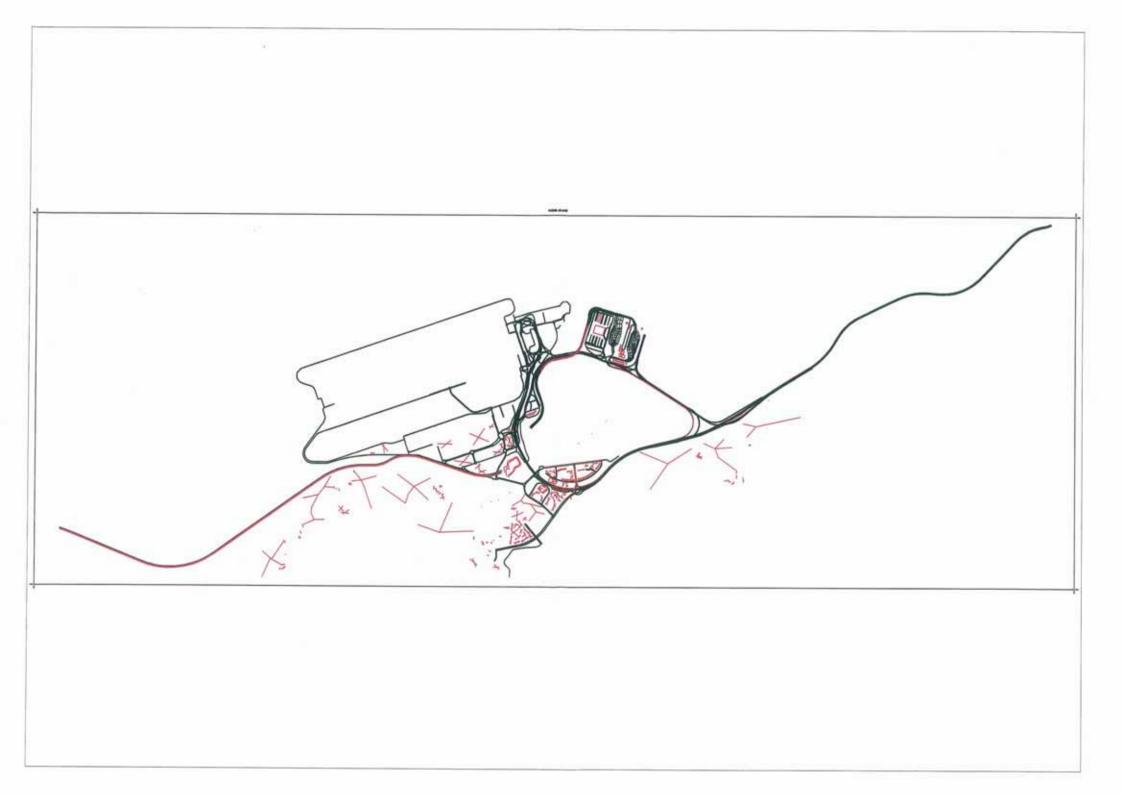




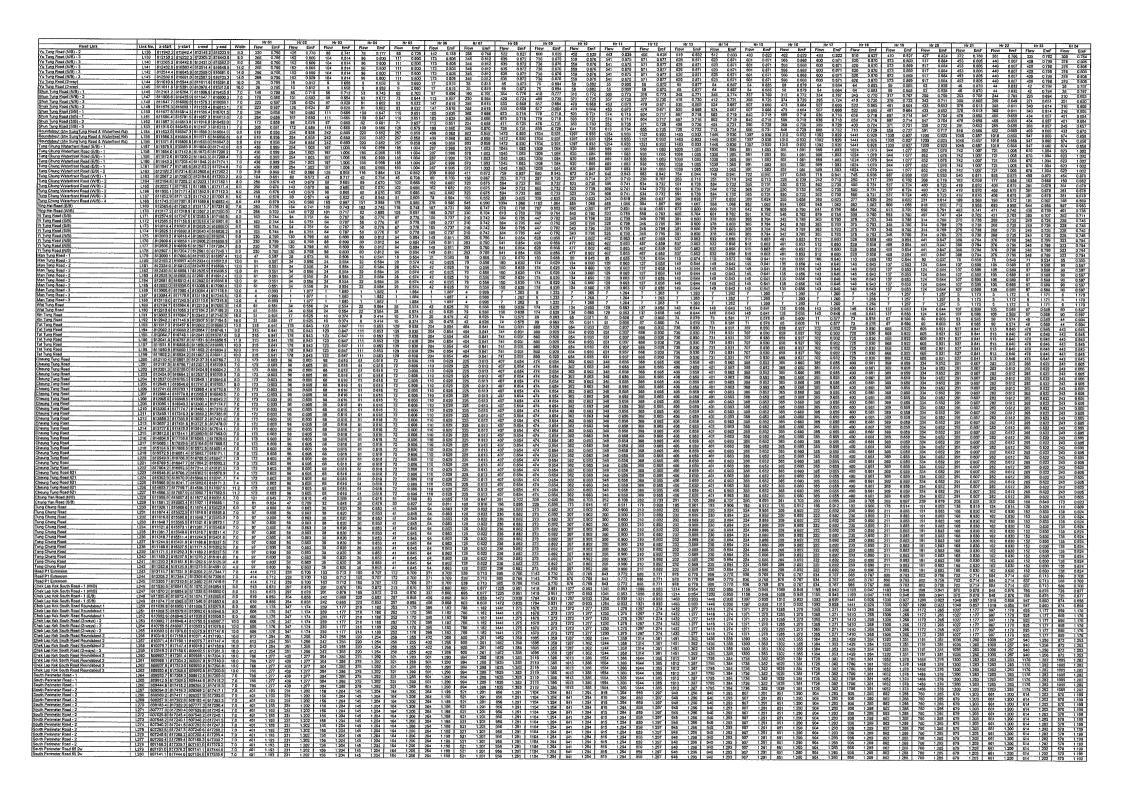


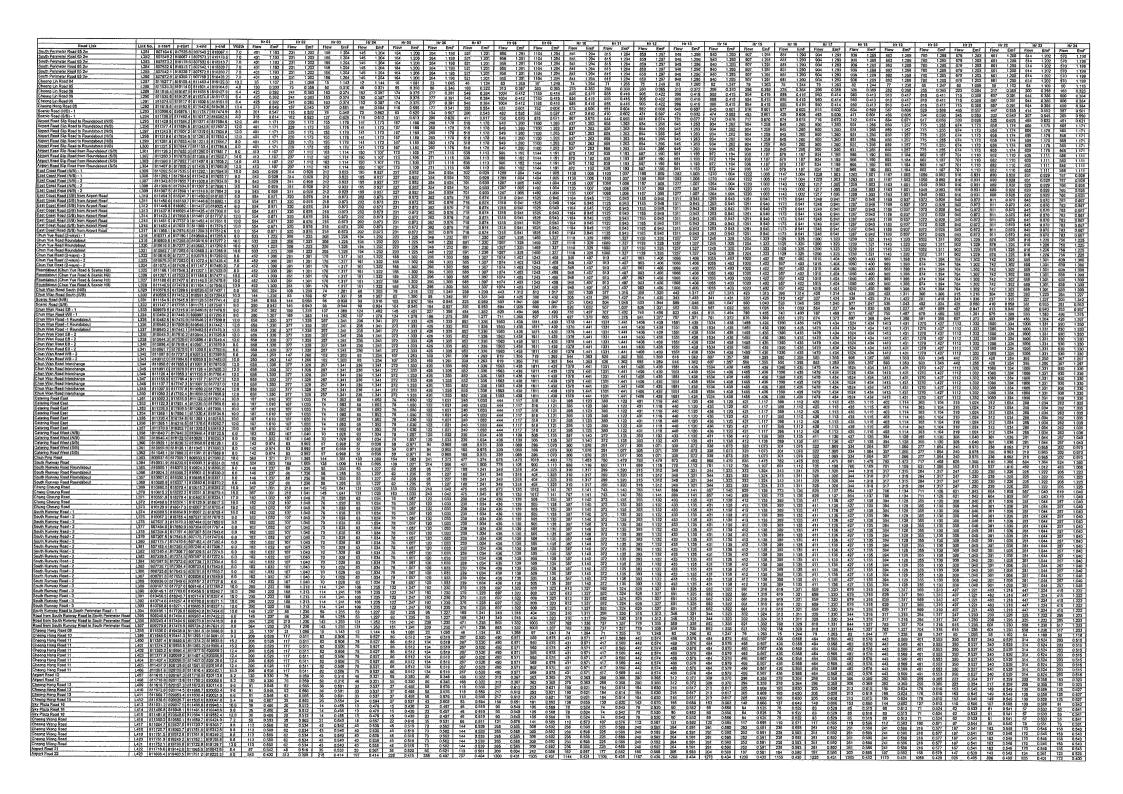


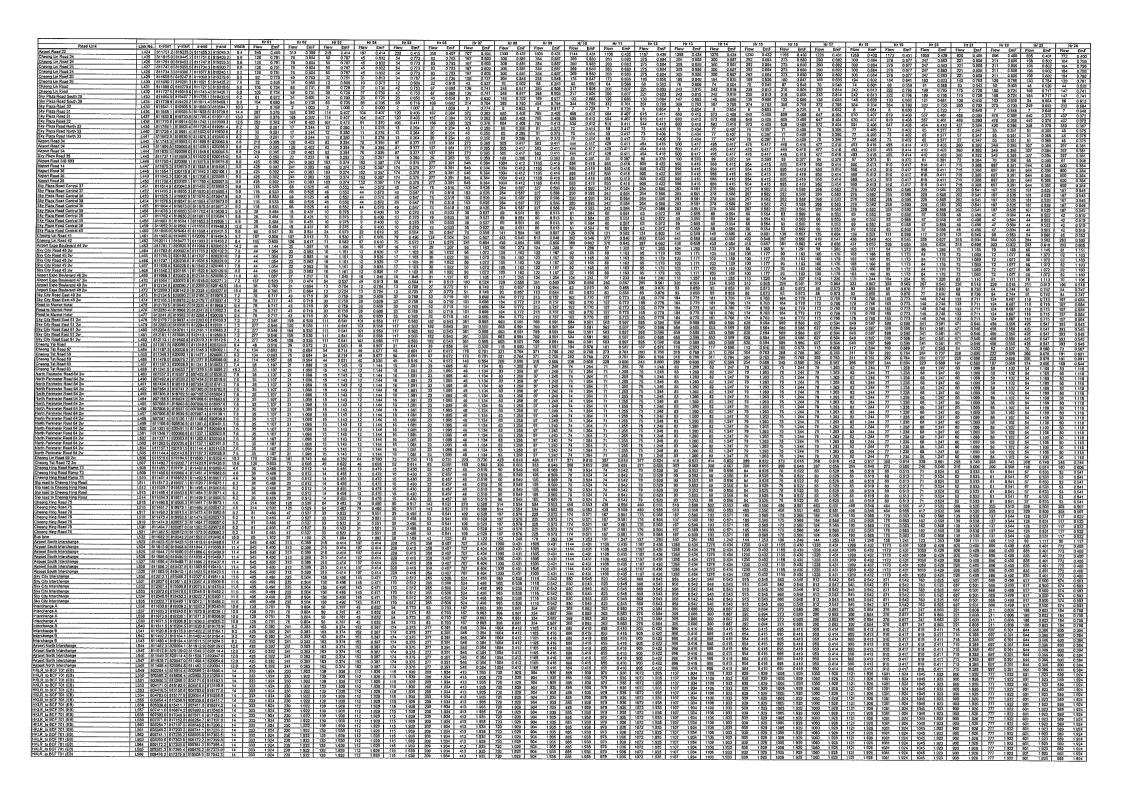




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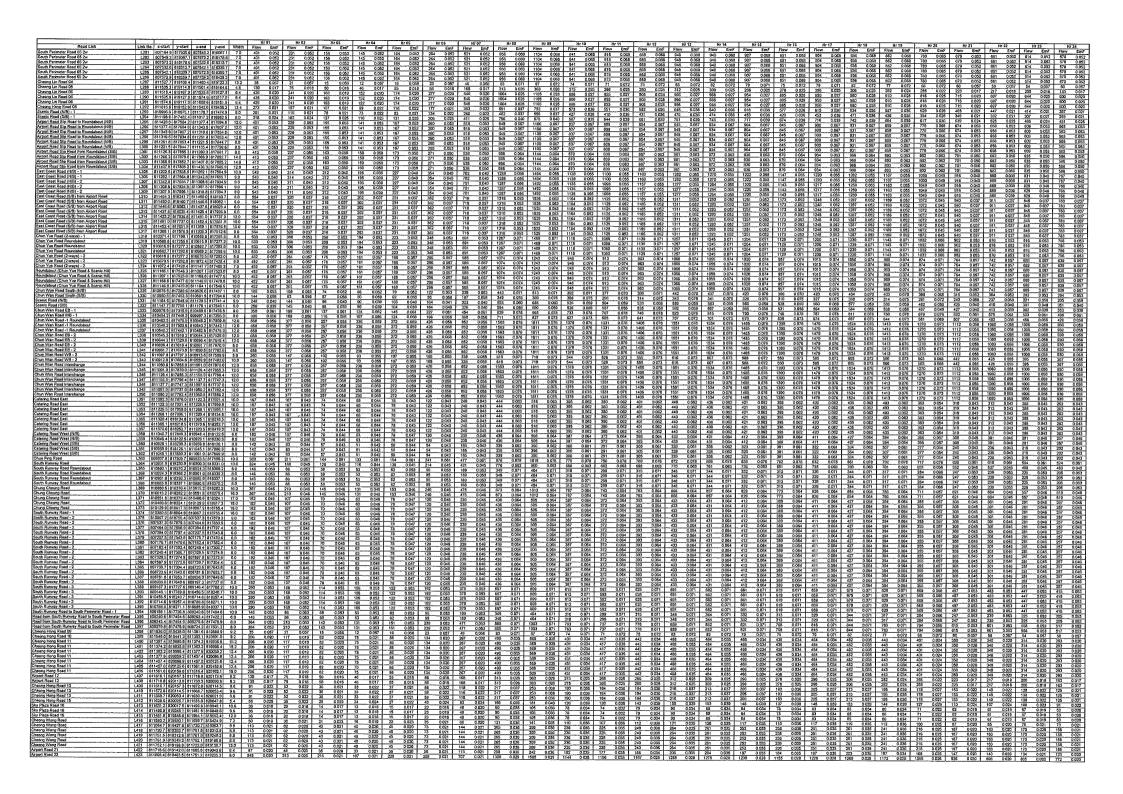
Road Link Link No. East Coast Read NB Flyover - 1 L710 714 L711	X-start y-start x-end y-end Width Flow 811322.5 817983.6 811335.6 6 810271.6 6 75 8113162.3 8113162.4 8 180227.7 6 75	01 Hr 02 Hr 03 H EmF Flow EmF Flow EmF Flow 0.602 4.3 0.527 30 0.556 21 0.802 4.3 0.527 30 0.556 21	r 34 Hr 03 Hr 05 Hr 07 EmF Flow EmF Flow EmF Flow Em 0.992 24 0.590 59 0.628 152 0.6 0.592 24 0.590 59 0.626 152 0.6	Hr 03 Hr 03 Hr 10 F Flow Emil Flow Emil Flow Emil 11 259 0.516 237 0.615 237 0.614 11 259 0.516 237 0.615 237 0.614	244 0.607 258 0.619 269 0.611	Hr 14 Hr 15 Hr 15 Tow EmF Flow EmF Flow EmF 268 0.612 271 0.612 240 0.805 278 0.612 271 0.612 240 0.805	Hr 17 Hr 18 Hr 19 Hr 7 Flow Emf Flow Emf Flow 222 0.613 252 0.611 228 0.611 241 223 0.613 252 0.611 261 0.611 241	Hr 21 Hr 22 Hr 23 Hr 24 EmF Flow EmF Flow EmF 600 233 0.005 235 0.002 231 0.005 172 0.605 0.619 233 0.005 205 0.605 206 0.605 106 172 0.605
114 1.712 715 1.713 Arport Road Sip Road to East Coast Road (N/B) 1.714 East Coast Road NB Fyover - 2 1.715 East Coast Road NB Fyover - 2 1.716 East Coast Road NB Fyover - 2 1.716 East Coast Road NB Fyover - 2 1.717	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.002 43 0.527 30 0.556 21 0.811 189 D.820 130 0.648 95 0.346 55 D.346 36 0.332 23 0.775 203 0.774 147 0.777 103 0.775 203 0.774 147 0.777 103 0.726 202 0.774 147 0.777 103	0.552 24 0.550 59 0.676 152 0.6 0.841 102 0.506 253 0.528 641 0.8 0.206 24 0.246 7 0.377 165 0.3 0.737 111 0.761 273 0.783 652 0.7 0.737 111 0.761 273 0.783 652 0.7 0.737 111 0.761 273 0.783 652 0.7	11 239 0816 237 0415 237 0.614 237 0.614 237 0.614 237 0.614 237 0.614 237 0.614 237 0.614 237 0.614 238 0.651 14 234 0.340 319 0.342 036 0.651 14 234 0.340 319 0.344 265 0.340 14 276 1374 0.746 1001 0.786 174 0.746 1001 0.786 174 0.747 1334 0.746 1001 0.786 174 0.747 1334 0.748 1001 0.748 1001 0.748 1174 0.747 1334 0.748 1001 0.748 1001 0.748 1174 0.747 1334 0.748 1001 0.748 1001 0.748 1174 0.747 1334 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1001 0.748 1174 0.737 1334 0.748 1001 0.748 10001 0.748 1000000000000000000000000000000000000	244 0.607 255 0.619 269 0.611 1034 0.630 1081 0.630 1133 0.628 1 272 0.344 282 0.341 302 0.344 1116 0.786 1168 0.788 1232 0.787 1 1116 0.786 1168 0.788 1232 0.787 1 1116 0.786 1168 0.788 1232 0.787 1	268 0.612 271 0.612 240 0.605 132 0.826 1152 0.627 1013 0.657 300 0.344 303 0.341 266 0.346 225 0.785 1093 0.765 1093 0.766 225 0.785 1243 0.765 1093 0.765 225 0.785 1243 0.765 1093 0.765	222 0.611 228 0.611 241 241 0.826 1081 0.626 1020 0.825 1026 1027 1076 1076 1167 1077 1078 1146 0.782 1301 0.781 1107	0.988 2.32 0.066 2.75 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.665 7.77 0.655 7.77 0.77 0.77 0.77 0.665 0.776 0.665 7.77 0.67 7.74 0.777 0.67 7.77 0.67
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Tung Fai Road W/B C723 724 L730 725 L731 725 L732 725 L733	5115700 318493 6111313.4 818504.5 5 31 6117910 318493 6111313.4 818504.5 5 31 6117914.8 618532.6 811800.7 618737.5 91249.4 618204.7 7 20 311640.7 81873.5 911249.4 618204.7 7 20 311640.4 815204.7 811765.6 618213.0 7 20 311780.6 81523.0 81144.4 61817.0 6 20	0.455 2.0 0.579 15 0.525 10 0.455 2.0 0.579 15 0.525 10 0.644 11 0.762 6 0.435 4 0.644 11 0.762 6 0.435 4 0.644 11 0.762 6 0.435 4 0.644 11 0.762 6 0.435 4 0.644 11 0.762 6 0.435 4 0.644 11 0.762 6 0.435 4	0.736 11 0.769 27 0.666 95 06 0.520 10 0.520 28 0.507 72 0.5 0.555 4 0.555 15 0.738 41 0.6 0.555 4 0.555 15 0.738 41 0.6 0.555 4 0.555 15 0.738 41 0.6 0.555 4 0.555 15 0.730 41 0.6 0.555 15 0.730 41 0.5 0.555 15 0.5	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	522 0.403 660 0.409 654 0.407 107 0.700 110 0.664 120 0.707 115 0.522 118 0.512 128 0.624 64 0.707 66 0.669 72 0.704 64 0.707 66 0.669 72 0.704 64 0.707 65 0.689 72 0.704 64 0.707 65 0.689 72 0.704 64 0.707 66 0.689 72 0.704	120 6.706 121 0.699 105 0.667 126 0.522 130 0.528 114 0.523 72 0.703 74 0.709 63 0.713 72 0.703 74 0.709 63 0.713 72 0.703 74 0.709 63 0.713 72 0.703 74 0.709 63 0.713 72 0.703 74 0.709 63 0.713	S8 D.693 109 0.605 127 0.718 106 164 0.517 117 0.512 138 0.554 114 58 0.708 65 0.654 77 0.658 54 58 0.708 65 0.654 77 0.658 64 58 0.708 65 0.694 77 0.658 64 58 0.708 65 0.694 77 0.658 64 58 0.708 65 0.694 77 0.658 64 59 0.708 65 0.694 77 0.658 64 59 0.708 65 0.694 77 0.658 64 50 0.708 650 0.604 77 0.658 64	0.01 554 0.356 692 0.471 559 0.327 444 0.359 0.055 102 0.475 559 0.374 75 0.061 5504 0.581 0.584 0.581 0.584 0.584 0.581 0.561 0.5677
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Enst Genat Read (WB) - 3 1.745 East Genat Read 53 1.746 East Censt Read 53 1.747 East Censt Read 53 1.747 Argor Read 53 1.748 Argor Read (In Arport) - 3 1.749	\$11653.4 \$18624.6 \$11723.2 \$18783.6 \$9 \$712 \$11743.2 \$109021.7 \$17745.6 \$109021.7 \$17745.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10775.6 \$10902.9 \$10002.9 </td <td>0.546 125 0.524 90 0.529 65 0.540 172 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 123 0.567 96 0.371 69</td> <td>$\begin{array}{c ccccccccccccccccccccccccccccccccccc$</td> <td>735 0.550 619 0.562 617 0.563 735 0.550 619 0.562 617 0.563 2 715 0.559 795 0.561 0.580 0.560 2 715 0.559 795 0.561 0.580 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.361 658 0.560 2 719 0.370 505 0.561 658 0.560 3 452 0.370 505 0.384 418 0.382</td> <td>100 0.562 731 0.559 772 0.564 73 0.561 731 0.559 772 0.564 7 0.564 7 681 0.561 710 0.558 750 0.581 7 681 0.561 710 0.558 750 0.581 7 681 0.561 710 0.558 750 0.561 7 752 0.305 778 0.358 0.362 6.33 0.368 2 431 0.377 7449 0.371 477 0.383 4</td> <td>67 0.561 778 0.558 687 0.562 67 0.561 776 0.558 867 0.562 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 47 0.388 839 0.391 736 0.595</td> <td>535 0.559 719 0.560 817 0.533 676 536 0.553 719 0.560 817 0.557 676 530 0.556 686 0.553 773 0.557 574 530 0.556 696 0.553 773 0.557 574 540 0.555 696 0.553 783 0.557 674 540 0.556 696 0.553 783 0.557 674 540 0.556 696 0.553 783 0.557 674</td> <td>0.545 060 0.542 064 0542 053 082 0.553 0.545 060 0.542 052 053 053 049 0.553 0.545 060 0.542 053 0.523 049 0.533 0.545 060 0.542 054 058 0.533 049 0.533 0.535 057 054 058 0.542 0.53 0.531 0.533 0.533 0.536 057 0.544 0.542 0.543 0.544 0.533 0.544 0.533 0.533 0.533 0.533 0.533 0.533 0.533 0.533 0.544 0.533 0.544 0.533 0.546 0.533</td>	0.546 125 0.524 90 0.529 65 0.540 172 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 88 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 122 0.524 68 0.537 62 0.540 123 0.567 96 0.371 69	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	735 0.550 619 0.562 617 0.563 735 0.550 619 0.562 617 0.563 2 715 0.559 795 0.561 0.580 0.560 2 715 0.559 795 0.561 0.580 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.561 658 0.560 2 715 0.559 795 0.361 658 0.560 2 719 0.370 505 0.561 658 0.560 3 452 0.370 505 0.384 418 0.382	100 0.562 731 0.559 772 0.564 73 0.561 731 0.559 772 0.564 7 0.564 7 681 0.561 710 0.558 750 0.581 7 681 0.561 710 0.558 750 0.581 7 681 0.561 710 0.558 750 0.561 7 752 0.305 778 0.358 0.362 6.33 0.368 2 431 0.377 7449 0.371 477 0.383 4	67 0.561 778 0.558 687 0.562 67 0.561 776 0.558 867 0.562 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 46 0.558 757 0.558 665 0.555 47 0.388 839 0.391 736 0.595	535 0.559 719 0.560 817 0.533 676 536 0.553 719 0.560 817 0.557 676 530 0.556 686 0.553 773 0.557 574 530 0.556 696 0.553 773 0.557 574 540 0.555 696 0.553 783 0.557 674 540 0.556 696 0.553 783 0.557 674 540 0.556 696 0.553 783 0.557 674	0.545 060 0.542 064 0542 053 082 0.553 0.545 060 0.542 052 053 053 049 0.553 0.545 060 0.542 053 0.523 049 0.533 0.545 060 0.542 054 058 0.533 049 0.533 0.535 057 054 058 0.542 0.53 0.531 0.533 0.533 0.536 057 0.544 0.542 0.543 0.544 0.533 0.544 0.533 0.533 0.533 0.533 0.533 0.533 0.533 0.533 0.544 0.533 0.544 0.533 0.546 0.533
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Road Link	Link No. X-start y-start X-end y-end Width Flow E	mF Flaw EmF Flaw EmF Flaw	5 Hr 06 Hr 07 Hr 03 Hr 09 Emp Flaw Fint Flaw Fint Flaw Fint	Hr 10 Hr 11 Hr 12 Hr 1 Flow Edy Slow Emy Slow Eng Low	13 Hr 14 Hr 15 Hr 15 Hr 15 Hr 17	Hr 18 Hr 19 Hr 20 Hr 21 Hr 22 Hr 22 Hr 24
Road Link TMCLIKC Sign Road 517 TMCLIKC Sign Road 517 TMCLIKC Sign Road 516 TMCLIKC Sign Road 510 TMCLIKC Sign	L853 813522.3 819175.7 813363 1 819235.4 8 267 0. L854 813968 1 818925.6 814918.0 818340.9 14 437 0. L855 814918.0 816340.9 815027.6 816225.5 12 56 0.	150 150 0.809 114 0.796 80 0.709 85 1925 262 0.936 180 0.935 133 0.918 142 848 59 0.833 40 0.657 28 0.782 31	0.817 212 0.809 543 0.801 924 0.809 1022 0.787 0.932 355 0.946 892 0.936 1517 0.937 1684 0.923	849 0.787 877 0.788 918 0.786 968	Emil Flow Emil Emil Flow Emil Emil Flow Emil Emil <th< td=""><td>Flow Enf Flow Enf Fl</td></th<>	Flow Enf Fl
TMCLKC Sip Read S/B 619 TMCLKC Sip Read S/B 619 TMCLKC Sip Read S/B 619	Libit 103580 1017206 0.000 14 477 0 Libit 101360 101720 101220 10	3-8 50 0.830 40 0.857 28 0.782 31 848 59 0.830 40 0.857 28 0.782 31 848 59 0.830 40 0.857 28 0.782 31	0.829 79 0.861 195 0.850 332 0.841 370 0.827 0.825 79 0.861 195 0.850 332 0.841 370 0.827 0.829 73 0.861 195 0.850 332 0.841 370 0.827	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.817 348 0.819 354 0.614 310 0.815 287 0.814 0.817 348 0.819 354 0.814 310 0.815 287 0.814 0.817 348 0.819 354 0.814 310 0.815 287 0.814 0.817 348 0.819 354 0.814 310 0.815 287 0.814 0.817 346 0.819 354 0.814 310 0.815 287 0.814 0.817 346 0.819 354 0.814 310 0.615 287 0.814	1479 02871 1678 0.918 1430 0316 1350 0916 1377 0916 1143 0004 1010 0927 2.20 0500 080 082 341 0.814 0.824 0.801 0.831 255 0.877 271 0.613 220 0500 048
TMCLKC Sip Road 5/8 619 TMCLKC Sip Road 5/8 619 TMCLKC Sip Road 5/8 619	L859 814356 11 617656 4 814578 18145724 12 96 0 L859 814591 81 6177524 814626 2 817765.1 12 96 0 L850 814526 2 817766 1 814757 6 817745 9 12 96 0	848 50 0.830 40 0.857 28 0.782 31 846 59 0.830 40 0.857 28 0.782 31 846 59 0.830 40 0.857 28 0.782 31 846 59 0.830 40 0.857 28 0.782 31	0.829 79 0.861 195 0.850 332 0.841 370 0.827 0.829 79 0.861 195 0.856 332 0.841 370 0.827 0.829 79 0.861 195 0.856 332 0.841 370 0.827	307 0.827 316 0.821 330 0.822 352 307 0.827 316 0.821 330 0.822 352 307 0.827 316 0.821 330 0.822 352	0.817 348 0.819 354 0.814 310 0.615 287 0.814 0.817 345 0.619 354 0.814 310 0.615 287 0.814 0.817 345 0.619 354 0.814 310 0.615 287 0.814	323 0830 369 0.825 314 0.624 239 0.630 303 0.831 295 0.807 221 0.813
TMCLKC S/8 620 TMCLKC S/8 620	L661 814757 6 817745.9 814359.1 817660.6 12 96 0. L652 814539.9 816372.6 815130.2 816186.2 10.6 341 0. L653 815130.2 818186.2 81529.2 181907.7 10.6 341 0.	848 59 0.830 40 0.857 28 0.782 31 849 204 0.949 147 0.951 105 0.955 111 949 204 0.949 147 0.951 105 0.955 111 949 204 0.949 147 0.951 105 0.955 111	0.629 79 0.881 195 0.450 332 0.641 370 0.627 0.559 276 0.969 699 0.963 1161 0.961 1314 0.947 0.559 276 0.969 699 0.963 1161 0.961 1314 0.947	1068 0.939 1127 0.936 1175 0.934 1240	0817 346 0.619 354 0.814 310 0.615 287 0.814 0.937 1224 0.938 1255 0.534 1100 0.932 1025 0.932 0.937 1224 0.938 1255 0.5304 1100 0.932 1025 0.932 0.937 1234 0.938 1251 0.936 1100 0.932 1025 0.932	233 0.630 348 0.825 314 0.824 299 0.630 303 0.631 294 0.607 221 0.613 233 0.630 369 0.625 314 0.824 299 0.630 303 0.631 295 0.607 221 0.613 243 0.630 303 0.631 285 0.607 221 0.813 245 0.612 314 0.824 299 0.830 303 0.631 285 0.607 221 0.813 154 0.845 311 0.942 119 0.942 1051 0.945 1050 0.525 787 0.876 154 0.845 111 0.942 1059 0.941 1071 0.945 1050 0.525 787 0.876
TMCLKC S/B 620 TMCLKC S/B 620 Butter/ Concher Unlanding Bay (/sBound)	L664 815292.0 818107.7 815490.4 818118.3 10.6 341 0 L665 815490.4 818118.3 816319.2 81860.4 1 10.8 341 0 L665 815490.4 818118.3 816319.2 81860.4 1 10.8 341 0	249 204 D.949 147 D.951 105 D.955 111 949 204 0.949 147 0.951 105 0.955 111 949 204 0.949 147 0.951 105 0.955 111	0.559 276 0.569 699 0.663 1181 0.961 1314 0.947 0.958 276 0.569 699 0.963 1181 0.961 1314 0.947	1085 0.939 1127 0.936 1175 0.934 1240 1086 0.939 1127 0.936 1175 0.934 1240	C.937 1234 0.938 1251 0.939 1100 0.932 1025 0.932 0.937 1234 0.938 1251 0.936 1100 0.932 1025 0.932 0.537 1224 0.938 1251 0.936 1100 0.932 1025 0.932 0.537 1224 0.938 1251 0.936 1100 0.932 0.025 0.932	202 0.003 333 0.025 344 0.024 239 0.026 328 0.027 227 0.013 203 0.003 335 0.025 344 0.024 239 0.023 348 0.027 227 0.013 203 0.003 345 0.054 346 0.054 346 0.054 347 0.054 346 0.051 346 0.051 347 0.054 346 0.051 346 0.051 347 0.054 346 0.051 346 0.051 347 0.054 345 356 0.051 347 0.051 347 0.051 347 0.051 346 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 347 0.051 </th
Introductor, 56 302 Bureat: Caeches Uniteding Bay (InBound) Bureat: Caeches Uniteding Bay (InBound) Bureat: Caeches Loading Bay (OutBound) Bureat: Caeches Loading Bay (OutBound)	L867 813024 2 820208 6 812992 4 820100 8 10 5 70 30	1317 74 29.317 74 23.317 74 29.317 74 976 70 30.976 70 30.976 70 0.068 23 82.068 23 82.088 23 82.088 23	29 317 74 29 317 74 29 317 74 29 317 74 29 317 30.976 70	74 29.317 74 29.317 74 29.317 74 70 30.975 70 30.976 70 30.976 70 73 82.068 23 82.058 23 82.068 23	29.317 74 29.317 74 29.317 74 29.317 74 29.317 30.976 70 30.976 70 30.976 70 30.976 70 30.976 52.088 23 52.088 23 52.088 23 52.088 23 52.088 23 52.088	74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 74 29.317 75 20.30976 70 30.976 70 3
Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound) Buses/ Ceaches Loading Bay (OutBound)	L863 813068.2 820062.2 913116.3 820225.0 10.6 22 82 1.669 813153.0 820219.1 81301 1 82004.6 10.6 25 76 1.670 913134.6 820036.5 813186.5 820211.4 10.6 25 76 1.671 81324.4 820199.2 813166.4 820245 1.0 6 25 76	1550 25 76,550 25 76,550 25 76,550 25 401 25 76,401 25 76,401 25 76,401 25 4401 25 76,401 25 76,401 25 76,401 25 4402 25 76,402 25 76,402 25 76,402 25	76 550 25 76 550 25 76 550 25 76 550 25 76 550 25 76 550 76 401 25 76 401 25 76 401 25 76 401 25 76 401 25 76 401 25 76 402 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 78 400 25 78 400	25 76.550 25 76.550 25 76.550 25 25 76.401 25 76.401 25 76.401 25	82,088 23 82,089 23 82,088 23 82,088 23 82,088 23 82,088 26,050 25 76,550 25 76,550 25 76,550 25 76,550 25 76,550 25 76,550 25 76,451 25 76,401 25	25 76 550 25 76 500 <th< th=""></th<>
Buser/ Coaches Leading Bay (OutBound) Buser/ Coaches Loading Bay (InBound) Buser/ Coaches Loading Bay (InBound)	2010 813241 2200083 2114085 2602114 19.6 25 76 1477 813247 2200083 2115085 2115085 110085 25 76 1477 813266 210707 210254 9150025 1106 25 76 1477 813266 2107083 210254 9150025 1106 24 72 1476 813220 1916037 120326 1916037 1016 24 92 1476 813220 1916037 120326 1916037 1016 24 92 1476 813226 2169077 120326 3169057 102367 1016 24 92 1476 815226 2169077 120327 316207 106 24 92 93	361 25 76.361 25 76.361 25 76.361 25 4433 24 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 <th>76.381 25 76.361 25 76.381 25 76.361 25 76.361 25 76.381</th> <th>25 76.402 25 76.402 25 76.402 25 25 76.361 25 76.361 25 76.361 25 24 92.493 24 92.493 24 92.493 24</th> <th>10302 23 78302 23 76301 23 76301 23 76301 25 763</th> <th>25 10.402 25 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 <th16.402< th=""> 16.402 16.4</th16.402<></th>	76.381 25 76.361 25 76.381 25 76.361 25 76.361 25 76.381	25 76.402 25 76.402 25 76.402 25 25 76.361 25 76.361 25 76.361 25 24 92.493 24 92.493 24 92.493 24	10302 23 78302 23 76301 23 76301 23 76301 25 763	25 10.402 25 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 16.402 <th16.402< th=""> 16.402 16.4</th16.402<>
Buses/ Coaches Leading Bay (inBound) Buses/ Coaches Leading Bay (inBound)	L878 612950.3 819676.7 812973.0 819821.1 10.6 24 92 0.76 612956.2 819670.7 812978.7 819821.1 10.6 24 92 0.76 612956.2 819670.7 812979.7 813813.8 10.6 24 93	170 24 92,493 24 92,493 24 92,493 24 92,493 24 170 24 93,170 24 93,170 24 93,170 24	92.493 24 92.493 24 92.493 24 92.493 24 92.493 24 92.493 93.170 24 93.170 24 93.170 24 93.170 24 93.170	24 93.170 24 93.170 24 93.170 24 24 92.493 24 92.493 24 92.493 24 24 93.170 24 92.493 24 92.493 24 24 93.170 24 93.170 24 93.170 24	<u>93,170</u> 24 93,170 24 93,170 24 93,170 24 93,170 24 93,170 22493 24 92,493 24 92,493 24 92,493 24 92,493 24 92,493 24 92,493 24 93,170 2	24 93.170 24 93.170 <th< th=""></th<>
Buses/ Caaches Loading Bay (InBound) Buses/ Coaches Loading Bay (InBound) Buses/ Coaches Unloading Bay (OutBound)	L876 8130203 819658 8193033 619583 108 24 92 L878 8130203 819658 8193033 61959303 21 10.6 24 92 L878 8130203 819658 1 813062.9 819794 6 10.6 24 92 L679 813107 5 819762 0 8130728 819549.5 10.6 63 29	493 24 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493 92.493	\$72,493 24 92,493 92,493 92,493 92,493 92,493 92,493 92,493 92,493 92,493 92,493 92,493 <t< th=""><th>24 92,493 24 92,493 24 92,493 24 24 92,493 24 92,493 24 92,493 24 63 29,580 63 29,580 63 29,580 63 25,580 63 24</th><th>12,493 24 92,493 24 <th< th=""><th>24 92.493 <th< th=""></th<></th></th<></th></t<>	24 92,493 24 92,493 24 92,493 24 24 92,493 24 92,493 24 92,493 24 63 29,580 63 29,580 63 29,580 63 25,580 63 24	12,493 24 92,493 24 <th< th=""><th>24 92.493 <th< th=""></th<></th></th<>	24 92.493 24 92.493 <th< th=""></th<>
Butes/ Coaches Unloading Bay (OutBound) Cars-Rosks (inBound) Cars-Rosks (inBound)	Life 1372-05 1476-05 1	976 58 30.975 59 30.976 59 30.976 59 220 13 82.220 13 82.220 13 82.220 13 556 13 79.556 13 79.556 13 79.556 13 79.556 13	30.976 58 30.976 59 30.676 59 30.976 58 30.976 82.220 13 82.220 13 82.220 13 82.220 13 82.220 79.558 13 79.556 13 79.558 13 79.558	50 30.976 50 30.976 59 30.976 59 13 82.220 13 82.220 13 82.220 13 13 652.20 13 852.200 13 92.220 13	30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 30,976 59 50,976 50	50 30.078 59 30.976 59 30.976 59 30.976 59 30.976 59 30.976 59 30.976 13 82.220 12 82.200 12 82.200 12 82.200 12 82.200 12 82.200 12 820
Cars-Kosks (InBound) Cars-Kosks (InBound) Cars-Kosks (InBound) Cars-Kosks (InBound)	1.883 813249 3 815098.4 613250 1 819685 8 3 13 79. 1.884 813255 0 819698.8 813255.8 819686.1 3 13 79. 1.885 813255 0 819698.8 813255.8 819686.1 3 13 79.	556 1.3 79.556 13 79.556 13 79.556 13 556 1.3 79.556 1.3 79.556 1.3 79.556 1.3 556 1.3 79.556 1.3 79.556 1.3 79.556 1.3 556 1.3 79.556 1.3 79.556 1.3 79.556 1.3	79.556 13 79.576 1000000000000000000000000000000000000	13 79 556 13 70,556 13 79,556 13 13 79 556 13 70,556 13 79,556 13	79.556 13 79.556	13 79 556 13 78 556 13 79
Cars-Kiosks (InBound) Cars-Kiosks (InBound) Cars-Kiosks (InBound)	L696 813266 4 819038 5 813267 2 619696 6 3 13 79 L697 813272 1 819990 8 813272 9 819697 2 3 13 79 L697 813272 1 819990 8 813272 9 819697 2 3 13 79	556 13 79.556 13 79.556 13 79.556 13 562 13 79.562 13 79.562 13 79.562 13	79.556 13 79.556 13 79.556 13 79.556 13 79.556 73 79.556 73 79.556 73 79.556 73 79.556 73 79.556 79.562 79.	13 79.556 13 79.556 13 79.556 13 13 79.556 13 79.556 13 79.556 13 13 79.562 13 79.562 13 79.562 13	79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 79.556 13 79.556 13 79.556 79.556 13 79.556	13 79.556 13 79.
Cars-Gosks (InBound) Cars-Kosks (InBound)	L880 813217.5 819700.5 813263.2 819807.5 3 13 79 L890 813285.5 819700.5 813264.2 819807.9 3 13 79 L890 813285.1 819700.5 813289.8 819688.2 3 13 79	546 13 79.556 13 79.556 13 79.556 13 556 13 78.556 13 79.556 13 79.556 13 555 13 78.555 13 79.556 13 79.556 13 555 13 78.555 13 78.555 13 78.555 13	79.556 13 79.556 13 79.556 13 79.556 13 79.556 79.556 13 79.556 13 79.556 13 79.556 13 79.555 13	13 79.556 13 79.556 13 79.556 13 13 79.556 13 79.556 13 79.556 13 13 79.555 13 79.555 13 79.555 13	79 556 13 79 556	13 79 556 13 79 556 13 78 555 13 78
	L891 81224-8 819701,2 813265 6 819686 6 3 13 720 L892 813300 5 819701.6 813301 3 81688 9 3 13 70 L893 813305 2 819701.8 813307 0 81688.3 3 13 78	556 13 79.556 13 79.556 13 79.556 13	79556 13 79556 13 79556 13 79556 13 79556 17 79556 17 79556 19 79556 19 79556 19 79562 13 79556 13 7956 13 79566 13 7956 13 79566 10 79566 10 79566 10 79566 10 79566 100000000000000000000000000000000000	13 79.556 13 79.556 13 79.556 13 13 79.562 13 79.552 13 79.562 13 13 79.562 13 79.562 13 79.562 13	79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.566 13 79.562 13 79.560 13 79.562	13 77.9555 13 78.955 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9555 13 77.9552 <th< td=""></th<>
Cars-Kesks (inBound) Cars-Kesks (inBound) Cars-Kesks (inBound)	L894 813311 9 81702.3 813312.7 819889.6 3 13 79 L895 813317.6 819702.6 813318.4 81860.0 3 13 79 L896 813317.6 819702.6 813318.4 81860.0 3 13 79	556 13 79.556 13 78.556 13 79.556 13 556 13 79.556 13 79.556 13 79.556 13 556 13 79.556 13 79.556 13 79.556 13 556 13 79.556 13 79.556 13 79.556 13	79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556 13 79.556	13 79.556 13 79.556 13 79.556 13 13 79.556 13 79.556 13 79.556 13	79.556 13 79.556	13 79,556 13 78,556 13 79,
Cars-Kosks (InBound) Cars-Kosks (InBound)	L897 813326.8 819468.7 813323.2 819856.5 3 13 79. L898 81332.3 819867.0 813329.7 819854.9 3 13 79. L898 81332.3 819867.0 813329.7 819854.9 3 13 79.	555 13 79,555 13 79,555 13 79,555 13 79,561 13 501 13 79,561 13 79,561 13 79,561 13	2555 13 79555 13 79555 13 79555 2555 13 79555 13 79555 2561 13 79551 13 79551 13 79555	13 79.555 13 79.555 13 79.555 13 <th13< th=""> <th13< th=""> <th13< th=""></th13<></th13<></th13<>	79.555 13 79.555 15 755 15 7555 15 755 755 15 755 755	13 79,555 13 79,555 13 70,555 13 70,555 13 79,555 15 70,
Cars-Kosks (InBound) Cars-Kosks (InBound) Gars-Kosks (InBound)	L609 013337 / 019034 01335 / 010031 3 3 13 / 0 L600 013345 / 019054 01339 6 019051 / 3 13 79 L501 013346 / 019652 2 013345 1 016051 0 3 13 79 0	557 13 79.557 13 79.557 13 79.557 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 13 79	9.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 15 79.557 15 79.557 15 79.557 15 79.557 15 79.557 15 79.557 15 79.577 15 79.577 15 79.557 15 79.557 15 79.577	13 79.557 13 79.557 13 79.557 13 1 13 79.555 13 79.555 13 79.555 13 1 13 79.557 13 79.557 13 79.557 13 7	79.557 13 79.557 13 79.557 13 79.557 13 79.557 79.557 79.557 79.555 13 79.555 13 79.555 13 79.555 79.555 13 79.555 79.555 79.557 13 79.555 79.557 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.577 79.	13 79 657 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 557 13 79
Cars-Kiesks (InBound) Cars-Kiesks (InBound) Cars-Kiesks (InBound)	LBB 813332 21 (1970) 81 (1327) 81 (133	555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 13 79.557 13 79.555 13 79	9 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 557 13 79 555 150 755 100 500 500 500 500 500 500 500 500 5	13 79.555 13 79.555 13 79.555 13 7 13 79.557 13 79.557 13 79.557 13 7 13 79.557 13 79.557 13 79.557 13 7 13 79.555 13 70.555 100.5555 100.555 100.555 100.555 100.555 100.555 100.555 100.555 100.5	10 10 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 13 79.	13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 <th< td=""></th<>
Cars-Kiesks (InBound) Cars-Kiesks (InBound) Cars-Kiesks (InBound) Cars-Kiesks (InBound)	US0 101202 41 1010007 (1)13305 12 101940 42 3 3 7 3 3 3 3 7 3 3 7 3	563 13 79.563 13 79.563 13 79.563 13 79.563 13 79.563 13 79.563 13 79.565 13 79	9.563 13 79.563 13 78.563 13 79.563 13 79.563 33 79.555 10 79.555 100 79.555 100 79.555 100 79.5	13 79.553 13 79.563 13 79.555 13 79.555 13 7 13 79.555 13 79.555 13 79.555 13 79.555 13 7	79.555 13 79.555 13 79.555 13 79.555 13 79.555 79.555 13 79.555 13 79.555 13 79.555 13 79.555	13 779555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775555 13 775
Cars-Kaska (inBound) Cars-Koska (inBound) Cars-Koska (inBound) Cars-Koska (inBound)	L905 013365 9 619850 9 613383 3 819838.7 3 13 79- L909 813392 4 615949 3 613388 8 619637 1 3 13 79- L909 013392 4 615949 3 613388 8 619637 1 3 13 79-5	557 13 79 555 13 79 555 13 79 555 13 79 555 13 79 557 11 79 557 11 79 557 11 79 557 10	2.557 13 79.557 13 79.557 13 79.555 2.557 13 79.557 13 79.555 13 79.555 2.557 13 79.557 13 79.555 13 79.5557	13 79.557 13 79.557 13 79.557 13 7 13 79.557 13 79.557 13 79.557 13 7 13 79.557 13 79.557 13 7 13 79.557 13 79.557 13 7 13 79.557 13 79.557 13 7	79.557 13 79.457 13 79.457 13 79.557 13 79.557 79.555 13 79.255 13 79.555 13 79.555 79.555 13 79.555 13 79.555 13 79.555 79.557 13 79.557 13 79.557 13 79.557	13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.557 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.555 13 79.557 13 79.
Cars-Kiosks (InBound) Cars-Kiosks (InBound)	L910 01307 01307 01307 01307 01300 010033 010035 0 1 13 70 0 L911 013403 013646.0 813399 7 619833 9 3 13 79 0 L912 813408 8 819644.4 813405 2 619832 3 3 13 79 0	203 13 79.555 13 79.555 13 79.555 13 79.555 13 7 561 13 79.561 13 79.561 13 79.561 13 79.561 13 7 561 13 79.561 13 79.561 13 79.561 13 79.561 13 7	9.055 13 79.555 13 79.555 13 79.565 13 79.565 13 79.565 13 79.595 9551 13 79.561 15 79.561 15 79.561 15 79.561 15 79.561 15 79.561 15 79.561 15 79.561 15 79	13 79.555 13 78.555 13 78.555 13 78.555 13 78.555 13 78.555 13 78.555 13 78.555 13 78.555 13 78.555 13 79.555 <th< td=""><td>79555 13 79555 13 79555 13 79555 13 79555 79561 13 79561 13 79561 13 79561 13 79561 79561 13 79561 13 79561 13 79561 13 79561</td><td>13 78 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 551 13 79</td></th<>	79555 13 79555 13 79555 13 79555 13 79555 79561 13 79561 13 79561 13 79561 13 79561 79561 13 79561 13 79561 13 79561 13 79561	13 78 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 551 13 79
Goods Vehicles/ Container Trucks-Kiosks (InBound) Goods Vehicles/ Container Trucks-Kiosks (InBound)	L915 B1.344,3 819677.8 81373.2 81960.5 3 13 755 L914 913977 4 819677.7 813373.2 81960.5 3 8 68 88. L915 813383.3 819676.0 813379.1 81966.5 3 3 6 68 88.1	555 13 79.555 13 79	9.555 13 79.555	13 79 555 13 79 555 13 79 555 13 79 555 13 7 88 88 111 63 53 111 55 68 111 68 8 58 84 104 68 83 114 58 88 104 68	79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 79 555 13 10 58 100 58 1000 58 100 58 1000 58 100 58 10000 58	13 79.555 13 79.
Goods Vehicles/ Container Trucks-Kosks (InBound) Goods Vehicles/ Container Trucks-Kiesks (InBound) Goods Vehicles/ Container Trucks-Kiesks (InBound)	L916 813285.2 619674.2 61335.0 81960.1 3.8 68 88.1 L917 81395.4 515572.4 613391.2 819658.3 3.8 68 88.1 L918 613401.6 819670.5 813397.5 819656.5 3.8 68 88.1	104 68 88.104 68 86.104 68 86.104 68 9 105 68 68.105 68 88.105 68 68 68 68 68 68 68 68 68 68 68	8 104 58 58 104 58 58 104 58 58 104 58 58 104 58 58 104 58 58 104 58 58 104 58 58 104 58 58 105 58 105 58 58 105 58 105 58 105 58 105 58 105 58 105 58 105 58 58 58 105 58 58 105 58 58 105 58 58 105 58 58 105 58 58 105 58 58 58 58 58 105 58 58 58 58 58 58 58 58 58 58 58 58 58	63 68.104 68 88.104 68 88.104 58 8 60 88.105 69 88.105 68 88.105 68 88.105 68 8 60 89.105 69 88.105 68 88.105 68 8	88.104 58 58.104 58 58.104 68 28.104 58 58.104 58 58.104 58 58.104 58 58.104 58 58.105 58 58 58.105 58 58 58.105 58 58 58 58 58 58 58 58 58 58 58 58 58	53 58.104 68 58.104 66 58.104 65 58.104 65 58.104 68 58.104 68 58.104 68 58.104 68 58.104 68 59.
Goods Vehicles/ Container Trucks-Kosks (InBound) Goods Vehicles/ Container Trucks-Kosks (InBound) Goods Vehicles/ Container Trucks-Kiasks (InBound)	L919 513407.9 819658.7 813403.7 819654.6 3.8 58 80.1 L520 613414.1 819658.9 813409.9 819652.8 3.8 56 86.1 1.921 813419.7 8196952 1013435.5 819652.1 3.8 56 86.1	104 58 28.104 68 88.104 56 28.104 58 8 105 58 88.105 66 88.105 68 88.105 68 88.105 68 8	8.104 68 88.104 68 88.104 68 88.104 68 88.104 58 88.104 8.105 68 88.105 66 88.105 68 88.105 68 88.105 68 88.105	00 00<	87.105 56 587.105 68 587.105 58 587.105 58 587.105 58 587.105 58 587.105 587.10000000000000000	86 88.105 105 88.105 108 201 105 108 20 20 20 20 20 20 20 20 20 20 20 20 20
Goods Vehicles/ Container Trucks-Kosks (OutBound Goods Vehicles/ Container Trucks-Kosks (OutBound Goods Vehicles/ Container Trucks-Kosks (OutBound	b) L922 B13682.1 B19852.2 B13686.3 B19660.3 3.1 62 B2.1 c) L923 B13687.7 B19666.6 G13001.8 B13684.6 3.1 62 B2.1 c) L924 B13684.7 B19864.7 B13684.6 G13001.8 B13682.6 G13002.8 G1302.8 G1 62 B2.1 c) L924 B13684.7 B13684.7 B13684.7 B13684.7 G1302.8 G1 62 B2.1 c) L924 B13684.7 B13684.7 B13684.7 G1302.8 G1 G13682.8 G1 G13682.8 G1302.8 G1 G13684.7 G	02 67 62 102 62 82 102 62 62 10 66 62 82 000 62 8	2.102 62 82.104 66 88.104 67 88.104 68 88.104 2.103 62 82.102 62 82.102 62 82.102 62 82.102 2.103 62 82.008 62 82.098 62 82.098 62 82.098	62 83.104 68 58.104 68 58.104 68 68 58.104 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 62 62 62 62 62 62 62 62 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63 64 64 65 64 65	18.104 68 88.104 68 88.104 68 88.104 12.102 62 82.102 52 82.102 52 82.102 52 102 62 82.102 52 102 62 82.102 52 102 52 102 52 82.102 52 102 52 102 52 82.102 52 102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 82.102 52 52.055 <	GB 08.104 65 65.104 68 59.104 68 48.104 68 58.104 68 59.104 62 82.102 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.068 62 82.0
Goods Vehicles/ Contaiver Trucks-Klasks (OutBound Goods Vehicles/ Contaiver Trucks-Klasks (OutBound Goods Vehicles/ Container Trucks-Klosks (OutBound	1 L224 613053 61946 9 613704 3 61966 0 3 1 62 620 1 L926 613700 2 61946 9 613704 3 61966 0 3.1 62 620 1 L926 613706 4 819645 0 613710.5 619659 1 3.1 62 62.0	197 62 82,097 62 82,097 62 82,097 62 82,097 62 8 198 62 82,096 62 82,096 62 82,098 62 8 198 62 82,098 62 82,098 52 82,098 62 8	2.097 62 62.097 62 62.097 62 62.097 62 62.097 62 82.097 2.098 62 62.098 62 62.098 62 62.098 62 82.098 2.098 62 82.098 52 82.098 62 82.098 62 82.098	62 82.097 62 82.097 62 82.097 62 8 62 82.098 62 82.098 62 82.096 62 8 52 82.098 62 82.096 62 82.096 62 8 52 82.098 62 82.096 62 82.096 62 8	12.057 62 62.097 52 82.097 62 82.097 62 82.097 12.046 62 62.068 62 82.068 62	62 52.007 62 62.007 62 82.097 62 82.097 62 92.007 62 82.007 62 62.007 62 82.007 52 52.008 62 82
Goods Vehicles/ Container Trucks-Kosks (OutBound Goods Vehicles/ Container Trucks-Kosks (OutBound Goods Vehicles/ Container Trucks-Kosks (OutBound	01 1227 61371251 81994321 8137163 8198573 3.1 62 82.0 01 12928 8137162 819941.5 8137223 8198556 3.1 62 62.0 01 12929 813724 4 819839 7 8133726.5 8198532 3.1 62 82.0	52 82.098 62 82.098 62 82.098 62 8 040 62 82.098 62 82.098 62 8 8 039 62 82.098 62 82.098 62 8 <t< td=""><td>2.096 62 82.098 62 52.068 52 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098</td><td>62 82.098 62 82.098 62 82.098 62 82.096 62 8 62 82.098 62 82.096 62 82.096 62 8 62 82.098 62 82.096 62 8 62 82.098 62 8 62 82.098 62 82.098 62 8</td><td>12.065 62 82.098 62 82.098 62 82.098 62 82.098 22.065 62 82.098 62 82.098 62 82.098 62 82.098 22.065 62 82.098 62 82.098 62 82.098 62 82.098 62 62 008</td><td>22 82.098 62 82.</td></t<>	2.096 62 82.098 62 52.068 52 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098 2.096 62 82.098 62 82.098 62 82.098	62 82.098 62 82.098 62 82.098 62 82.096 62 8 62 82.098 62 82.096 62 82.096 62 8 62 82.098 62 82.096 62 8 62 82.098 62 8 62 82.098 62 82.098 62 8	12.065 62 82.098 62 82.098 62 82.098 62 82.098 22.065 62 82.098 62 82.098 62 82.098 62 82.098 22.065 62 82.098 62 82.098 62 82.098 62 82.098 62 62 008	22 82.098 62 82.
Cars-Nesks (OutBound) Cars-Nosks (OutBound) Cars-Kosks (OutBound)	US30 813783.8 (519815.3) 613783.1 (519827.5 3 11 63.8 US31 813783.5 (519815.6 (513783.6 819627.5) 3 11 63.8 US32 813755.2 (5198151.6) (513794.5 (519828.2) 3 11 63.8	52 11 63.852 11 63.	3 852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 3.852 11 6	11 63,852 11 63,852 11 63,852 11 6 11 63,852 11 63,852 11 63,852 11 6 11 63,852 11 63,852 11 63,852 11 6 11 6 1	3.652 11 63.852 11 63.852 11 63.852 11 63.852 13 63.852 13 63.852 13 63.852 14 63.852 15 63.852	Constraint Constra
Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound)	1933 813000 8 818416 3 813800 2 819828.6 3 11 63.8 1934 813000 6 818416 3 813800 2 819828.6 3 11 63.8 1934 813000 6 819816 7 813805 8 813628 9 3 11 63.8 1935 813812 813815 8185929 3 2 11 63.8	352 11 63.852 11 63	3.852 11 63.852 11 63.852 11 63.652 11 63.652 11 63.652 3.652 3.652 3.652 11 63.852 11	11 63.652 11 63.652 11 63.652 11 6 11 63.652 11 63.652 11 63.652 11 6 11 63.652 11 63.652 11 63.652 11 6	3.652 11 63.652 11 63.652 11 63.652 11 63.652 13 63.652 3.652 11 63.652 14 63.652 15 6	11 63.652 11 63.
Cars-Kosks (CutBound) Cars-Kosks (CutBound) Cars-Kosks (CutBound)	L335 613812.31 619617/0 813811.5 615622.9.3 2 11 63.6 L336 613818.01 815917.4 613817.2 6159529.6 3 11 63.6 L337 613282.71 619817.7 81382.2 615650.0 3 11 63.6 L337 613282.71 619817.7 81382.2 615650.0 3 11 63.6	52 11 63.852 11 63.852 11 63.852 11 63.852 11 6 47 11 63.647 11 63.847 11 63.847 11 6 9 11 41 80 17 11 63.847 11 63.847 11 6 9 11 41 80 17 11 6	3652 11 63.652 11 63.852 11 63.852 11 63.852 3.847 11 63.847 11 63.847 11 63.847 11 63.847	11 63.652 11 63.652 11 63.652 11 63.652 11 6 11 63.657 11 63.647 11 63.647 11 63.647 11 6	3.652 11 63.652 11 63.652 13 63.652 3.652 11 63.652 11 63.652 13 63.652 3.647 11 63.647 11 63.647 11 63.647	11 03.652 11 63.652 11 03.
Cars-Kissks (OutBound) Cars-Kissks (OutBound) Cars-Kissks (OutBound)	L339 813835 0 819818 4 813834 3 819830 7 3 11 63.8 L540 813840 7 615918 8 4 813834 3 819830 7 3 11 63.8 L540 813840 7 615918 8 4 9139400 819831 0 3 11 63.8	S2 11 63.652 11 63.	3 652 11 63 852 11 63 852 11 63 852 11 63 852 3 652 11 63 852 11 63 852 11 63 852 11 63 852 3 852 11 63 852 11 63 852 11 63 852 11 63 852	11 63.852 11 63.852 11 63.852 11 63.852 11 6 11 63.852 11 63.852 11 63.852 11 6 11 63.852 11 63.852 11 63.852 11 6	3.652 11 03.652 11 03.852 11 63.852 11 63.852 3.852 11 03.652 11 63.852 11 63.852 11 63.852 3.852 11 63.852 11 03.852 11 63.852 11 63.852	11 63 652 11 652 11 652 11 652 11 652 11 652 1
Cars-Kosks (Ov/Bound) Cars-Kosks (OutBound)	L941 01384 8 [19910 5 01364 0 11660 1 0 1364 1 3 11 63.8 L942 01384 8 [19910 5 01365 1 0 13651 1 3 11 63.8 L942 01384 7 [19910 5 013651 4 015631.7 3 11 63.8 L943 013657.6 019819 9 [013857 0 019832.1 3 11 63.8	52 11 63.652 11 63.852 11 63.852 11 6 52 11 63.652 11 63.652 11 63.852 11 6 47 11 63.847 11 63.847 11 63.847 11 63.847 11 6	3 852 11 63,852 11 63,852 11 63,852 11 63,852 11 63,852 3,852 11 63,852 11 63,852 11 63,852 11 63,852 3,847 11 63,847 11 63,847 11 63,847 11 63,847	11 63.652 11 63.852 11 63.852 11 6 11 63.852 11 63.852 11 63.852 11 6 11 63.852 11 63.852 11 63.852 11 6 11 63.847 11 63.847 11 63.847 11 6	3.852 11 63.847 11 63.847 11	11 63 852 11 63
Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound)	LAG 13552.1 149899.5 10000.1 1	S2 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.	3.452 11 63.652 11 63.852 11 63.652 11 63.652 11 63.652 .742 11 61.762 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 6	11 63 652 11 63 852 11 63 852 11 6 11 61 782 11 61 782 15 61 782 11 6 11 61 782 11 61 782 15 61 782 11 6	3.852 11 63.852	11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 63.852 11 61.782 11 61.
Cars-Kissks (OutBound) Cars-Kisska (OutBound)	1947 813058.1 81567.1.5 813701.7 819883.6 3 11 61.7 1948 813703.6 819609 813707.2 819682.0 3 11 61.7 1949 813706.1 819662.9 813707.2 819682.0 3 11 61.7 1949 813706.1 819662.9 143712.6 819680.4 3 11 61.7	32 11 61.762 11 61.762 11 61.782 11 61.	762 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,782 11 61,783 11 61	11 61.782 11 61.782 11 61.782 11 6 11 61.783 11 61.783 11 61.783 11 6 11 61.783 11 61.783 11 61.783 11 6	1762 11 61.763 11 61.783 11 61.783 11 61.783 1.783 11 61.783 11 61.783 11 61.783 11 61.783	11 61.782 11 61.783 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.782 11 61.783 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.
Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound)	L950 813714.5 819886.6 813718.1 815676.8 3 11 61.77 L951 813720.0 819665.0 81372.8 81372.3 11 61.77 1952 813725.6 81980.4 81372.0 819677.2 3 11 61.77 1952 813725.6 81980.4 813725.0 819678.5 3 15 67.7	88 11 61.788 15 61.788 11 61.788 11 6 87 11 61.787	1783 11 61.783 11 61.783 11 61.785 11 61.787 1787 11 61.787 11 61.787 11 61.787 11 61.787	11 61.782 11 61.782 11 61.782 11 6 11 61.787 11 61.787 11 61.787 11 6	1.782 11 61.782 11 61.782 11 61.782 11 61.782 1.788 11 61.788 11 61.788 11 61.788 11 61.782 11 61.788 1.707 11 61.787 11 61.787 11 61.787 11 61.787	11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61782 11 61783 11 61788 11 61788 11 61788 11 61788 11 61788 11 61788 11 61788 11 61788 11 61788 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11 61787 11 61788 11
Cars-Kosks (OutBound) Cars-Kosks (OutBound) Cars-Kosks (OutBound)	L953 813730.0 819651 8 613734.5 819673.9 3 11 61.7. L954 813736.1 819650.3 813730.7 819672.4 3 11 61.7. L955 813741.9 819650.5 813745.4 819670.7 3 11 61.7.	11 61.762 11 61.782 <th< td=""><td>1.762 11 61.763 11 61.783 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782</td><td>11 61.782 11 61.782 11 61.783 11 6 11 61.782 11 61.782 11 61.762 11 6 11 61.782 11 61.782 11 6 11 61.782 11 61.782 11 6</td><td>1762 11 61.763 11 61.763 11 61.763 1.762 11 61.762 11 61.762 11 61.762 1.762 11 61.762 11 61.762 11 61.762</td><td>61 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61782 11</td></th<>	1.762 11 61.763 11 61.783 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782 1.782 1.1 61.782 11 61.782 11 61.782	11 61.782 11 61.782 11 61.783 11 6 11 61.782 11 61.782 11 61.762 11 6 11 61.782 11 61.782 11 6 11 61.782 11 61.782 11 6	1762 11 61.763 11 61.763 11 61.763 1.762 11 61.762 11 61.762 11 61.762 1.762 11 61.762 11 61.762 11 61.762	61 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61783 11 61782 11
Cars-Kosks (OutBound) Cars-Kosks (OutBound)	L956 B13747.3 B1956.5 B13750.9 B1956.5 B13750.9 B1956.5 B1376.4 B1956.7 B117.4 B117.4 <t< td=""><td>ws 1 01.762 11 01.762 11 61.782 11 61 783 11 61 783 11 61.783 11 61.783 11 61.783 11 61.787</td><td>1.762 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 1.783 11 61.783 11 61.783 11 61.783 11 61.783 1.787 11 61.787 11 61.787 11 61.787 11 61.787</td><td>11 61.782 11 81.762 11 61.762 11 6 11 61.783 11 61.783 11 61.783 11 6 7 11 6 11 6 11 6 7 11 6 11 6 11 6 11 6 11 6 7 11 6 7 11 6 7 11 6 7 11 6 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7<td>1.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 12 12 12 12 12 12 12 12 12 12 12 12 12</td><td>61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.783 11 61.781 11 61.783 11 61.783 11 61.783 11 61.783 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.785 11 61.784 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 <th< td=""></th<></td></td></t<>	ws 1 01.762 11 01.762 11 61.782 11 61 783 11 61 783 11 61.783 11 61.783 11 61.783 11 61.787	1.762 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 1.783 11 61.783 11 61.783 11 61.783 11 61.783 1.787 11 61.787 11 61.787 11 61.787 11 61.787	11 61.782 11 81.762 11 61.762 11 6 11 61.783 11 61.783 11 61.783 11 6 7 11 6 11 6 11 6 7 11 6 11 6 11 6 11 6 11 6 7 11 6 7 11 6 7 11 6 7 11 6 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 11 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 <td>1.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 12 12 12 12 12 12 12 12 12 12 12 12 12</td> <td>61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.783 11 61.781 11 61.783 11 61.783 11 61.783 11 61.783 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.785 11 61.784 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 <th< td=""></th<></td>	1.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 12 12 12 12 12 12 12 12 12 12 12 12 12	61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.783 11 61.783 11 61.781 11 61.783 11 61.783 11 61.783 11 61.783 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.783 11 61.784 11 61.785 11 61.784 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 61.785 11 <th< td=""></th<>
Cars-Kiesks (OutBound) Cars-Kiesks (OutBound) Cars-Kiesks (OutBound)	Lises 191.3783.31 (5139534.7) (5137476.8 (5139655.5) 3 11 61.77 L559 813763.7 (8 19952.7) (813767.3 (8 19664.2) 3 11 61.77 L590 813763.7 (8 19952.7) (8 13772.6 (8 19662.6) 3 11 61.77	or 11 61782	1762 11 61.762 11 6	11 61.762 11 61.782 11 61.782 11 6 11 61.782 11 61.782 11 61.782 11 6 11 61.782 11 61.782 11 61.782 11 6 11 61.782 11 61.782 11 61.782 11 6	1.782 11 61.782 11 61.782 11 61.782 11 61.782 11 61.782 17.782 11 61.782 11 61.782 17.782 11 61.782 17.782 11 61.782 17.7	1 61.782 11 61.7
Cars-Kosks (DutBound) Cars-Klosks (DutBound) Buses/ Coaches-Klosks (InBound)	L961 [6127747]8195669[613778.2]819561.0] 3 11 6177 L962 [613780.1]8196472[6137837]819556.4 3 11 6177 L963 [612652.9]819551_[6126490[619937.6] 3,6 29 37.3	83 11 61.783 11 51.783 11 61.783 11 61 82 11 61.782 11 61.782 11 61.782 11 61 82 11 61.782 <	1783 11 61.783 11 61.783 11 61.783 11 61.783 1782 11 61.782 11 61.782 11 61.782 11 61.783 1782 11 61.782 11 61.782 11 61.783 11 61.783 1782 11 61.782 11 61.782 11 61.783 11 61.783 1782 11 61.782 11 61.782 11 61.783 11 61.783 18 24 37.315 29 37.315	11 61.783 11 61.	1.763 11 61.783 11 61.783 11 61.783 13 61.782 11 61.783 1.782 11 61.783 11 61.783 11 61.783 13 16 1.783	1 61782 11 61782 11 61782 11 61782 11 61782 11 61783 11 6
Buses/ Coaches-Kloaks (InBound) Buses/ Coaches-Kloaks (InBound) Buses/ Ceaches-Kloaks (InBound)	L964 [912652,7] 8199-94.4 [912854,7] 815935 9 3.8 29 37 33 L965 812864.4 [815947,7] 812860 5 [816934.2] 3.8 29 37 33 L966 912870.2 [6159450] 8129862 1 812867 5 1 3.8 76 77 4	15 29 37 315 29	315 29 37,315 37,315 37,315 37,315	23 37.315 29 37.315 37.315 37.315	critic critic <thcrit< th=""> crit crit</thcrit<>	ar 41.312 28 37.315 29 37.
Buses/ Coaches-Kiesks (InBound) Buses/ Coaches-Kiesks (UnBound) Buses/ Coaches-Kiesks (OutBound)	L907 812875,9 619944 3 812872.0 819830,8 38 29 37 33 L959 613224.0 819835,1 613228.0 819830,8 38 24 37 33 L959 813237 7 109834 4 31737 7 10985 38 24 37 33	29 37.312 29 37.312 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.312 24 37.312 37.312 37.312	313 29 37.313 29 37.313 29 37.313 29 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.313 20 37.312 24 37.312 34 37.312 34 37.312 34 37.312 34 37.312 34 37	28 37.312 29 37.312 29 37.312 29 37.312 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.313 29 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 37.	<u>/ 4114</u> <u>64</u> <u>37</u> 312 <u>29</u> <u>37</u> 312 <u>29</u> <u>37</u> 312 <u>29</u> <u>37</u> 312 <u>29</u> <u>37</u> 317 <u>7</u> 313 <u>29</u> <u>37</u> 313 <u>29</u> <u>37</u> 313 <u>29</u> <u>37</u> 313 <u>29</u> <u>37</u> 313 <u>29</u> <u>37 313 <u>29</u> <u>37 313</u> <u>24</u> <u>37 312 <u>24</u> <u>37 312 <u>24</u> <u>37 312 </u>24 <u>37 312 </u>24 <u>37 312 </u></u></u></u>	9 97312 89 97312 88 97312 88 97312 88 97312 88 97312 89 97312 89 97312 88 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97312 89 97313 89<
Buses/ Cosches-Kosks (OutBound) Buses/ Cosches-Klosks (OutBound) Buses/ Cosches-Klosks (OutBound)	L970 013235 2 1019033 (813245 (813996 8) 3.8 24 37.31 L970 613235 2 1959817 (813235 8 6196926 1 3.8 24 37.31 L971 813241 3 8198910 813245 2 819893.4 3.8 24 37.31	12 24 37.315 24 37.315 24 37.315 15 24 37.316 24 37.315 24 37.315 24 37.315 15 24 37.315 24 37.315 24 37.315 24 37.315 15 24 37.315 24 37.315 24 37.315 24 37.315 15 24 37.315 31.5 31.5 <td< th=""><th>315 24 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37</th><th>24 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 <th< th=""><th>7.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.315 24</th><th>M 37,315 24 37,315 37,315 37,315</th></th<></th></td<>	315 24 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37	24 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 37.315 <th< th=""><th>7.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.315 24</th><th>M 37,315 24 37,315 37,315 37,315</th></th<>	7.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.312 24 37.315 24	M 37,315 24 37,315 37,315 37,315
Buses/ Coaches-Kiosks (OutBound)	L972 B13247 0 819678.3 813251 0 819891.7 3 B 24 37.31	15 24 37.316 24 37.316 24 37.316 24 37	318 24 37.315 24 37.316 24 37.316 24 37.315	24 37.316 24 37.316 24 37.316 24 37	7.315 24 37.316 24 37.316 24 37.316 24 37.316	37.316 24 37.316 24 <th< td=""></th<>

ieter:	24 hour RSP Emission and Tratic Profile														
Road Link	Link No. x-start y-start x-end	y-end Width Flaw EmF	Hr02 Hr03 Flow EmF Flow EmF F	Hr 04 Hr 05 Now EmF Flow EmF Flow	Hr 06 Hr 07 N EmF Flow EmF	Hr 08 Hr 09 Flow EmF Flow E	Hr 10 EmF Flow EmF Flo	Hr 11 Hr 12 W Emif Flow E	nF Flow EmF Flow	Hr 14 Hr 1: W EmF Flow	5 Hr 16 EmF Flow EmF	Hr 17 Flow EmF		r 19 Hr 20 Hr 21 Emil Flaw Emil Flaw	Hr 22 Hr 23 EmF Flow EmF Flow EmF
Lantau Highway (To Airport)-1 Lantau Highway (To Airport)-1	Ubb Ro. Lestint y-and Fend 1 177576 101055 107080 2.3 170806 100052 101015 2.4 170806 100052 101015 1.4 110526 101052 101016 1.5 101544 101250 101016 1.6 1015456 1010250 101017 1.6 1015456 1010250 101027 1.6 1015577 101001 10103146 1.6 1015577 101001 1013326 1.6 1015577 101001 1013327 1.0 101577 101001 1013326 1.0 1015326 1013976 1013937 1.0 1015327 1013977 1013937 1.1 101478 1077976 101039 1013324 1.1 101478 1077976 101039 1013324 1.1 101478 1077976 101039 1013324 1.1 10	19060 5 14.0 1059 0.032 818889 0 14.0 1059 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	323 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2162 0.032 0.032 2162 0.032	2 3701 0.031 4113 0 2 3701 0.031 4113 0	031 3405 0.031 35	21 0.031 3681 0.0 21 0.031 3681 0.0	031 3882 0.031 386 331 3882 0.031 386	2 0.031 3916 2 0.031 3916	0.031 3446 0.031 0.031 3446 0.031	3201 0.031 3201 D.031	3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	1030 3353 0 030 3281 0.030 1030 3353 0 030 3281 0.030
antau Highway (To Airport)-1	L3 516511.0 515669.0 515546.7 L4 516546.7 915720.8 815314.5	18/20.8 14.0 1069 0.032 318565.5 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	123 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 2182 0.032	2 3701 0.031 4113 0 2 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0	131 3882 0.031 386 131 3682 0.031 386	2 0.031 3916 2 0.031 3916	0.031 3446 0.031 0.031 3446 0.031	3201 0.031 3201 0.031	3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	2,030 3353 0,030 3281 0,030 1,030 3353 0,030 3281 0,030
Antau Highway (To Airport)-1 antau Highway (To Airport)-1	L6 816046.0 518363.0 816907.7	18383.0 14.0 1069 0.032 318290.0 14.0 1069 0.032	641 0.032 458 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 854 323 0.032 347 0.032 854	0.032 2182 0.032	2 3701 0.031 4113 0 2 3701 0.031 4113 0 2 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0/	131 3882 0.031 388 031 3882 0.031 386	2 0.031 3916 2 0.031 3916	0.031 3446 0.031 0.031 3446 0.031	3201 0.031 3201 0.031	3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	0.030 3353 0.030 3281 0.030 0.030 3353 0.030 3281 0.030
antau Highway (To Arpen)-1 antau Highway (To Arpen)-1 antau Highway (To Arpen)-1	L7 815907.7 818250.0 815733.4 L6 815733.4 818183.8 815547.6	18183.5 14.0 1069 0.032 618081.3 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 854 323 0.032 347 0.032 854	0.032 2182 0.032 0.032 2182 0.032	3701 0.031 4113 0 2 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 34	1 0.031 3681 0.0 21 0.031 3681 0.0	031 3882 0.031 388 031 3862 0.031 386	2 0.031 3916 2 0.031 3916	0.031 3446 0.031 0.031 3446 0.031	3201 0.031 3 3201 0.031 3	3613 0.031 4007 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	0.030 3353 0.030 3281 0.030 0.030 3353 0.030 3281 0.030 0.030 3353 0.030 3281 0.030
antau Highway (To Airport)-1 antau Highway (To Airport)-1	L9 815547.6 618081.3 815332.0 L10 815332.0 817967.6 814671.8	17957.5 14.0 1069 0.032 617794.2 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	123 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2162 0.032 0.032 0.032	3701 0.031 4113 0 3701 0.031 4113 f	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0/	031 3862 0.031 3862 031 3882 0.031 3862	2 0.031 3916	0.031 3445 0.031	3201 0.031 3201 0.031	3613 0.031 4067	0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030
antau Highway (To Airport)-1 antau Highway (To Airport)-1 /6 (from ToS area to Tal Ho)	L12 822107.0 822036.0 821392.4	17647.2 14.0 1069 0.032 321706.8 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032	123 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032	2 3701 0.031 4113 0 2 3701 0.031 4113 0	031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0.0	31 3882 0.031 388 31 3882 0.031 388	2 0.031 3916 2 0.031 3916	0.031 3446 0.031	3201 0.031 3201 0.031	3613 0.031 4097 3613 0.031 4097	0.031 3484 0.030 3316 0	0.030 3353 0.030 3281 0.030
18 (from Tell area to Tal He) 18 (from Tell area to Tal He) 18 (from Tell area to Tal He)	L13 821392.4 821706.8 820643.0 L14 820643.0 820633.9 820235.5	20933.9 14.0 1069 0.032 320698.6 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032	2 3701 0.031 4113 0. 2 3701 0.031 4113 0.	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0/	131 3882 0.031 385 131 3882 0.031 388	2 0.031 3916 2 0.031 3916	0.031 3446 0.031	3201 0.031 3	3613 0.031 4097	0.031 3494 0.030 3316 0	1030 3353 0.030 3281 0.030 1030 1353 0.030 3281 0.030
B (from Toll area to Tai Ho) B (from Toll area to Tai Ho)	L14 \$20643.0 \$20633.9 \$20535.5 L15 \$20235.5 \$20669.8 \$19870.2 \$ L16 \$19870.2 \$20655.3 \$19870.2 \$ L17 \$19453.6 \$20655.3 \$19473.8 \$ L17 \$19453.6 \$20674.0 \$19033.7 \$ L18 \$19033.7 \$20552.0 \$18386.7 \$ L19 \$19033.7 \$20552.0 \$ L19 \$1838.7 \$ L19 \$19033.7 \$ L19 \$20552.0 \$ L19 \$ L19 \$20552.0 \$ L19 \$	20655.3 14.0 1069 0.032 1 20674.0 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 7	323 0.032 347 0.032 864 323 0.032 347 0.032 884	0.032 2182 0.032 0.032 0.032	2 3701 0.031 4113 0. 2 3701 0.031 4113 0.	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0	31 3882 0.031 3862 31 3882 0.031 3865	2 0.031 3916	0.031 3445 0.031	3201 0.031 3	3613 0.031 4097	0.031 3494 0.030 3316 0	030 3353 0.020 3281 0.030
8 (from Tod area to Tai Ho) 8 (from Tod area to Tai Ho) 8 (from Tod area to Tai Ho)	L17 819453.6 820674.0 819033.7 1 L18 819033.7 820562.0 818386.7 1	20582.0 14.0 1069 0.032 20253.9 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	323 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2162 0.032 0.032 0.032 0.032	2 3701 0.031 4113 0 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3581 0.0 21 0.031 3681 0.0	31 3882 0.031 3862 31 3882 0.031 3862	2 0.031 3916 2 0.031 3916	0.031 3446 0.031	3201 0.031 3 3201 0.031 3	3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030
B (from Toll area to Tai Ho) B (from Toll area to Tai Ho)	L18 219033.7 820562.0 818386.7 4 L19 218386.7 420253.9 817963.3 4 L20 817963.3 818975.4 817676.0 4 L21 817976.0 815548.2 817377.6 0	19975.4 14.0 1069 0.032 19548.2 14.0 1069 0.032	641 0.032 458 0.032 3 641 0.032 458 0.032 3	23 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032 0.032	3701 0.031 4113 0 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0 21 0.031 3681 0.0	31 3882 0.031 3882 31 3882 0.031 3882	2 0.031 3916	0.031 3446 0.031	3201 0.031 3	3613 0.031 4097	0.031 3434 0.036 3316 0 0.031 3434 0.030 3316 0 0.031 3444 0.020 3316 0 0.031 3444 0.020 3316 0 0.031 3444 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0 0.031 3494 0.0202 3316 0 <	030 3353 0.030 3281 0.030
8 (from ToD ares to Tai Ho) Inteu Highway (To Airport)-2	L20 81756.3 818975.4 817678.0 L21 817676.0 819549.2 817307.6 1 L22 814252.8 817647.2 813076.9 L23 813376.9 817581.6 813007.1 0 L24 813807.1 817526.5 813631.2 8 L24 813807.1 817526.5 813631.2 8	19193.9 14.0 1059 0.032 117581.6 14.0 1059 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3 641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.002 347 0.032 854 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 2182 0.032	3701 0.031 4113 0 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0	31 3882 0.031 3862 31 3882 0.031 3865	2 0.031 3916	0.031 3446 0.031	3201 0.031 3	3613 D.031 4097 3613 D.031 4097	0.031 3494 0.030 3315 0	030 3353 0.030 3281 0.030
ntau Highway (To Airport)-2 ntau Highway (To Airport)-2 ntau Highway (To Airport)-2	L23 813976.9 817581.6 813907.1 8 L24 813807.1 817526.5 813631.2 8	17526.5 14.0 1069 0.032 317444.4 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 1	323 0.032 347 0.032 864 323 0.032 347 0.032 964 323 0.032 347 0.032 864 323 0.032 347 0.032 864 323 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032 2182 0.032	3701 0.031 4113 0 3701 0.031 4113 0	331 3405 0.031 35 031 3405 0.031 35	1 0.031 3881 0.0	31 3882 0.031 3862 31 3882 0.031 3862	2 0.031 3916	0.031 3446 0.031 0.031 3446 0.031	3201 0.031 3	3613 0.031 4097 3613 0.031 4097	0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030 030 3353 0.030 3281 0.030
ntau Highway (To Arport)-2 ntau Highway (To Arport)-2	L26 813549.4 817395.9 813404.3 E	17365.9 14.0 1069 0.032 17289.1 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2162 0.032	3701 0.031 4113 0 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3581 0.0	31 3562 0.031 3867 31 3682 0.031 3867	2 0.031 3916	0.031 3446 0.031	3201 0.031 3	3613 0.031 4097	0.031 3494 0.030 3316 0 0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030
tau Highway (To Airport)-2 Itau Highway (To Airport)-2	L27 613404.3 617288.1 813284.2 6 L28 613294.2 617187.8 813203.1 6	317187.8 14.0 1089 0.032 317086.6 14.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 7	23 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032	3701 0.031 4113 0. 3701 0.031 4113 0	031 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0	31 3682 0.031 3862 31 3682 0.031 3862	2 0 031 3916	0.031 3446 0.031	3201 0.031 3	3613 0.031 4097	0 031 3494 0.030 3316 0 0 031 3494 0.030 3316 0	030 3353 0.030 3281 0.030 030 3353 0.030 3281 0.030
tau Highway (To Airport)-2 tau Highway (To Airport)-2 tau Highway (To Airport)-2	L43 0126242 01164 012650 0134031 0 L49 012601 017665 013318 0 L30 813105 8169862 013927 1 L31 813927 2 8169862 013927 1 L32 612927 7 816843 6 8128880 L33 612853 1 86813 7 812750 0 L34 8127580 818770 7 812880 L35 012580 0 816724 0 812561 3 L35 012580 0 816724 0 L35 012580 0 L35 0 L35 012580 0 L35 0	15959.3 14.0 1069 0.032 16906.7 16.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 864 323 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032	3701 0.031 4113 0 3701 0.031 4113 0	331 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 D.0	31 3882 0.031 3862 31 3882 0.031 3862	2 0.031 3916	0.031 3446 0.031	3201 0.031 3	3613 D.031 4097	0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030 030 3353 0.030 3281 0.030
tau Highway (To Arport)-2 Iau Highway (To Arport)-2	L31 813027.0 816506.7 812937.7 8 L32 812937.7 816843.6 812889.0 8	16843.6 20.0 1069 0.032 16813.8 24.0 1069 0.032	641 0.032 456 0.032 3 641 0.032 456 0.032 3	23 0.032 347 0.032 864 523 0.032 347 0.032 864	0.032 2182 0.032 0.032 0.032 2182 0.032	3701 0.031 4113 0. 3701 0.031 4113 0	331 3405 0.031 35 031 3405 0.031 35	1 0.031 3681 0.0	31 3862 0.031 3862 31 3882 0.031 3862	2 0.031 3916	0031 3445 0.031	3201 0.031 3	3613 0 031 4097 3613 0 031 4097	0.031 3494 0.030 3315 0 0.031 3494 0.030 3315 0 0.031 3494 0.030 3316 0	030 3353 0.030 3281 0.030 030 3353 0.030 3281 0.030
tau Highway (To Asport)-3 tau Highway (To Asport)-3	L33 812585.1 816819.7 812759.0 8 L34 812759.0 816770.7 812635.0 8	16770.7 14.0 814 0.032 16742.0 14.0 814 0.032	468 0.033 348 0.033 2 488 0.033 348 0.033 2	45 0.032 264 0.033 658 46 0.032 264 0.033 658	0.033 1665 0.033	3701 0.031 4113 0. 2824 0.032 3139 0. 2824 0.032 3139 0.	J32 2600 0.032 26 ⁹	8 0.032 2807 0.0 8 0.032 2807 0.0	32 2964 0.032 2948	3 0.032 2986	0.032 2628 0.032	2443 0.032 2	2757 0.032 3125	0.037 3434 0.030 3318 0	031 2558 0.031 2502 0.031
tau Highway (To Airport)-3 tau Highway (To Airport)-3	L35 012638.0 016742.0 012561.3 0 L36 012561.3 016733.2 012426.6 0 L37 012426.6 016731.5 012308.4 0	16733.2 14.0 814 0.032 16731.5 14.0 814 0.032	488 0.033 348 0.033 2 488 0.033 348 0.033 2	46 0.032 264 0.033 658 46 0.032 264 0.033 655	0.033 1665 0.033	2824 0.032 3139 0	J32 2600 0.032 26/ 032 2600 0.032 26/	8 0.032 2807 0.0 8 0.032 2807 0.0	32 2964 0.032 2948 32 2964 0.032 2948	0 032 2986 0 032 2986	2032 2028 0.032 2032 2628 0.032	2443 0.032 2	2757 0.032 3125 2757 0.032 3125	0.032 2666 0.031 2534 0	031 2558 0.031 2502 0.031 031 2558 0.031 2502 0.031
tau Highway (Te Arport)-3 Itau Highway (Te Arport)-3	L37 812426.6 816731.5 612309.4 8 L38 612308.4 816747.7 812157.2 8			45 0.032 264 0.033 658 46 0.032 264 0.033 658	0.033 1665 0.033	2624 0.032 3138 0	32 2600 0.032 260 332 2600 0.032 260 003 3600 0.033 35	8 0.032 2807 0.0 8 0.032 2807 0.0	32 2564 0.032 2948 32 2564 0.032 2948	0.032 2996	0.032 2628 0.032 0.032 2628 0.032	2443 0.032 2 2443 0.032 2 2443 0.032 2	757 0.032 3125 757 0.032 3125	0.032 2666 0.031 2534 0	031 2558 0.031 2502 0.031 031 2558 0.031 2502 0.031
au Highway (To Arport)-3 au Highway (To Arport)-3	L39 612157.2 616790.1 612030.6 8 L40 612030.8 616844.2 811947.3 8	16844 2 15.0 514 0.032 16891.9 24.0 814 0.032	488 0.033 348 0.033 2 468 0.033 348 0.033 2	45 0.032 264 0.033 658 46 0.032 264 0.033 658	0.033 1655 0.033	2624 0.032 3139 04 2824 0.032 3139 04	132 2000 0.032 26/ 032 3000 0.032 26/	3 0.032 2807 0.0 3 0.032 2807 0.0 0.002 2807 0.0	32 2964 0.032 2948 32 2964 0.032 2948	0.032 2966	1032 2626 0032 1032 2626 0032	2443 0.032 2	2757 0.032 3125 2757 0.032 3125	0.032 2666 0.031 2534 0 0.032 2666 0.031 2534 0	031 2558 0.031 2502 0.031 031 2558 0.031 2502 0.031
tau Highway (To Airport)-3 tau Highway (To Airport)-3	L37 612428 6 816747 3 612488 4 L38 612303 4 816747 3 612157 2 8 L39 632157 2 816747 3 612157 2 8 L40 51257 2 816740 3 612303 6 L41 8135503 816844 2 811947 3 8 L41 8135503 816844 2 811947 3 8 L42 811845 0 81684 2 811845 0 8 L42 811845 0 815824 811708 8 L42 811845 0 815824 811708 8 L43 8137553 811695 6	16982.4 15.0 586 0.030 17125.7 15.0 586 0.030	352 0.031 251 0.031 1 352 0.031 251 0.031 1	77 0.031 190 0.030 472 77 0.031 190 0.030 472	0.030 1156 0.031	2032 0.030 2250 0/	032 2600 0.032 268 032 2000 0.032 268 032 2600 0.032 268 032 2600 0.032 268 030 1571 0.030 193 030 1871 0.030 193	2 0.030 2022 0.0	30 2132 0.030 2121 30 2132 0.030 2121	0.030 2152 0	0.030 1892 0.030	1757 0.030 1	1983 0.030 2252	0.030 1917 0.029 1822 0.	029 1643 0.029 1800 0.029
tau Highway (To Kin)-1	L43 811709 8 817125 7 811592.6 8 L44 811608.0 817301 8 811724.0 8	17292.3 15.0 586 0.030 17137.7 16.4 487 0.032	352 0.031 251 0.031 17 290 0.032 208 0.032 15	77 0.031 190 0.030 472 51 0.032 158 0.032 395	0.030 1196 0.031	2032 0.030 2260 0	030 1871 0.030 193 030 1871 0.030 193 031 1554 0.031 160	2 0.030 2022 0.0	30 2132 0.030 2121 31 1773 0.031 1773	0.030 2152 0 0.030 2152 0	0030 1892 0.030	1757 0.030 1	983 0.030 2252	0.030 1917 0.029 1822 0	029 1843 0.029 1800 0.029 029 1843 0.029 1800 0.029
au Highway (To Kin)-2 au Highway (To Kin)-2	L41 11199323 11193632 11193632 11193636 L42 1119363 1119363 1117363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 1111363 11111363 11111363 111113	17025.6 16.4 487 0.032 16993.3 16.4 487 0.032	290 0.032 208 0.032 1 290 0.032 206 0.032 1	51 0.032 158 0.032 395 51 0.032 158 0.032 395	0.032 998 0.032	1888 0.031 1878 0.0 1598 0.031 1878 0.0	<u>131 1554 0.031 167</u>	<u>4 0.031 1579 0.0</u>	31 1773 0.031 1763	0.031 1788 (1.031 1574 0.031	1461 0.031 1	649 0.031 1869 649 0.031 1889	0.031 1597 0.030 1517 0.	030 1500 0.030 1501 0.030 030 1530 0.030 1501 0.030
au Highway (To Kin)-2 au Highway (To Kin)-2	L47 811597.8 816398.0 812045.8 B L48 812045.8 816868.6 812127.6 9	6868.6 27.2 777 0.034 16829.2 25.0 777 0.034	458 0.034 331 0.034 23 468 0.034 331 0.034 23	38 0.034 252 0.034 830 38 0.034 257 0.034 630	0.034 1588 0.034	2695 0.033 2993 0.0	<u>33 2479 0.033 256</u>	5 0.033 2660 0.0 5 0.033 2660 0.0	31 1773 0.031 1763 33 2831 0.033 2813	0.031 1788 0	0.031 1574 0.031 0.033 2507 0.033	1461 0.031 1 2329 0.033 2 2329 0.033 2	649 0.031 1869 8529 0.033 2985	0.031 1597 0.030 1517 0. 0.033 2541 0.032 2416 0. 0.033 2541 0.032 2416 0.	030 1530 0.030 1501 0.030 032 2441 0.032 2389 0.032
au Highway (To Kin)-2 au Highway (To Kin)-2	L49 812127.6 816629.2 812196.9 8 L50 812196.9 816802.7 812347.7 8	16802.7 26.0 777 0.034 16763.6 24.0 777 0.034	468 0.034 331 0.034 20 468 0.034 331 0.034 2	38 0.034 252 0.034 630 38 0.034 252 0.034 630	0.034 1588 0.034	2695 0.033 2093 0.0	133 2479 0.033 25F	5 0.033 2650 0.0°	33 2831 0.033 2813 12 2831 0.032 2813	0.033 2853 0	033 2507 0.033	2329 0.033 2	629 0.033 2985	0.033 2541 0.032 2418 0 0.033 2541 0.032 2418 0 0.033 2541 0.032 2418 0	032 2441 0.032 2389 0.032 032 2441 0.032 2389 0.032
ku Highway (To Kin)-2 ku Highway (To Kin)-2	L51 812347 7 816783 6 32497 7 8 L51 812347 7 816783 6 312495 2 8 L52 812495 2 816743.9 812583 5 8 L53 812682 3 81674.9 812583 5 8 L54 812882 3 816767.8 812894 5 8	6749.9 20.0 777 0.034 16751.2 17.0 777 0.034	468 0.034 331 0.034 27 468 0.034 331 0.034 27	38 0.034 252 0.034 630 38 0.034 252 0.034 630	0.034 1588 0.034	2695 0.033 2993 0.0	/33 2479 0.033 25f 33 2479 0.033 25f	0.033 2680 0.0 0.033 2680 0.0	33 2631 0.033 2813 13 2631 0.033 2813	0.033 2853 0	033 2507 0.033	2329 0.033 2	629 0.033 2965	0.033 2541 0.032 2418 0	032 2441 0.032 2389 0.032 032 2441 0.032 2389 0.032
au Highway (To Kin)-2 au Highway (To Kin)-2	L53 812563.5 816751.2 812682.3 6 L54 812682.3 816767.6 812804.5 6	5767.5 16.0 777 0.034 16803.1 16.0 777 0.034	468 0.034 331 0.034 23 468 0.034 331 0.034 27	38 0.034 252 0.034 530 38 0.034 252 0.034 530	0.034 1588 0.034	2695 0.033 2993 0.0	(33 2479 0.033 254 333 2479 0.033 254	3 0.033 2690 0.0 5 0.033 2690 0.0	13 2831 0.033 2813 33 2831 0.033 2813	0.033 2853 0	033 2507 0.033	2329 0.033 2	929 0.033 2985	0.033 2541 0.032 2418 0	032 2441 0.032 2389 0.032 032 2441 0.032 2389 0.032
au Highway (To Kin)-3	L55 812804 5 815803 1 812914 9 8	16855.8 14.0 777 0.034	468 0.034 331 0.034 22 631 0.033 450 0.033 3	18 0.034 252 0.034 630 17 0.033 337 0.033 850	0.034 1588 0.034 0.033 2141 0.033	2095 0.033 2903 0.0	133 2479 0.033 256 032 3342 0.032 345	3 0.033 2680 0.0° 4 0.032 3613 0.0	33 2831 0.033 2513 12 3605 0.033 2513	0.033 2853 0	033 2507 0.033	2325 0.033 2	629 0.033 2985 629 0.033 2985	0.033 2541 0.032 2418 0.	032 2441 0.032 2389 0.032 032 2441 0.032 2389 0.032
au Highway (To Kin)-3	L58 813074.3 816075 6 813074.3 8 L57 813074.3 816075 6 813159.8 8 L58 813159.8 817055 6 813269.9 8 L59 813208 9 817185 7 813356 8 8 L60 813336 8 817252.7 813495 8 8	7065.5 20.0 1048 0.033 17185.7 16.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31 631 0.033 450 0.033 31 631 0.033 450 0.033 31	17 0.003 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 132 3342 0.032 345	0.032 3613 0.0 0.032 3613 0.0 0.032 3613 0.0	12 3809 0.032 3789 12 3809 0.032 3789 12 3809 0.032 3789	0.032 3843 0	032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
u Highway (To Kin)-3 u Highway (To Kin)-3 u Highway (To Kin)-3	L59 813268 9 817185 7 813336 8 8 L60 813336 8 817252.7 813496 8 8	7252.7 14.0 1048 0.033 7382.1 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 3	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0	332 3342 0.032 345 332 3342 0.032 345 332 3342 0.032 345 332 3342 0.032 345	0.032 3613 0.07	12 3609 0.032 3789 32 3609 0.032 3789	0.032 3843 0	032 3380 0.032	3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
iu Highway (To Kin)-3 iu Highway (Ta Kin)-3 iu Highway (Ta Kin)-3	L61 813408.8 817382.1 813622.8 8 L62 813622.6 817459.4 813774.6 8	7459.4 14.0 1045 0.033 17532.1 14 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	17 0.033 337 0.033 650 17 0.033 337 0.033 650	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0	32 3342 0 032 345 72 3342 0 032 345	0.032 3613 0.0	12 3809 0.032 3789 12 3809 0.032 3789	D 032 3843 0	032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3267 0.031 3221 0.031
u Highway (To Kin)-3 u Highway (To Kin)-3	L63 813774.8 817532.1 813970.1 81 L64 613970.1 817597.6 814248.9 81	7597.6 14.0 1048 0.033 17653.0 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 3'	17 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033	3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0032 3613 0.07 4 0.032 3613 0.07	12 3809 0.032 3789 12 3809 0.032 3789	0.032 3843 0	032 3350 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 0.031 0.031
au Highway (To Kin)-3 au Highway (To Kin)-4	L65 814246.9 617653.0 814919.5 8 L66 814919.5 817624.1 815325.1 81	7624.1 14.0 1048 0.033 17982,2 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.07	2 3809 0.032 3780 2 3809 0.032 3789	0.032 3843 0	032 3380 0.032 032 3380 0.032 032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
au Highway (To Kin)-4 au Highway (To Kin)-4	US 133324 147222 145624 1 US 133324 147234 14744 14774 1 US 137244 14724 14774 14774 14774 14774 14774 14774 14774 1	18096.5 14.0 1048 0.033 18196.0 14.0 1048 0.033	631 0.033 450 0.033 31	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033 0.033 2141 0.033 0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0/	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.07	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3643 0	032 3380 0.032 032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
au Highway (To Kin)-4 au Highway (To Kin)-4	L60 815725.2 818198.0 815898.8 81 L70 815856.8 816304.5 816036.8 81	8397.1 14.0 1048 0.033 8397.1 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3531 0.032 4037 0.0 3631 0.032 4037 0.7	332 3342 0.032 345 332 3342 0.032 345 332 3342 0.032 345 332 3342 0.032 345	0.032 3613 0.03	2 3809 0.032 3789	0.032 3843 0	032 3360 0.032	3143 0.032 3	545 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 04	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
au Highway (To Kin)-4 au Highway (To Kin)-4	L71 816036.8 818397.1 816304.1 91 L72 816304.1 818577.7 816555.3 81	18577.7 14.0 1046 0.033 18746.6 14.0 1048 0.033	631 0.033 450 0.033 31 531 0.033 450 0.033 31	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03 4 0.032 3613 0.03	2 3809 0.032 3789	D.032 3843 0	032 3360 0.032	3143 0.032 3	545 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0 0.032 3427 0.031 3257 0	031 3287 0.031 3221 0.031 031 3287 0.031 3221 0.031
au Highway (To Kin)-4 au Highway (To Kin)-4	L73 810555,3 818746,6 816809,5 81 L74 816809,5 818907 4 817086,5 81	1907.4 14.0 1048 0.033 19078.4 14.0 1048 0.033 19208.9 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31 631 0.033 450 0.033 31 631 0.033 450 0.033 31	17 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0 0.032 3843 0 0.032 3843 0	032 3380 0.032	3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 04	031 3287 0.031 3221 0.031
au Highway (To Kin)-4 rom Tai Ho to Tot Area)	L75 817080 5 810078.4 817299.4 81 L76 817299.4 819208.9 817662.7 81 L77 817662.7 819558.7 917951.4 81	3208.9 14.0 1048 0.033 8556.7 14.0 1048 0.033	<u>631 0.033 450 0.033 31</u> <u>631 0.033 450 0.033 31</u>	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03 4 0.032 3613 0.0	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0	032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 04	031 3287 0.031 3221 0.031
rom Tal Ho to Toll Area) rom Tal Ho to Toll Area) rom Tal Ho to Toll Area)	L78 817951.4 819556.7 817951.4 81 L78 817951.4 819986.3 818379.9 82 L79 818379.9 820267.6 819027.6 62	3965.3 14.0 1048 0.033 0267.6 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.023 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0 0.032 3643 0 0.032 3643 0	032 3390 0.032 0.32 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0.1 0.032 3427 0.031 3257 0.1	031 3287 0.031 3221 0.031
om Tai Ho to Tol Area) om Tai Ho to Tol Area) om Tai Ho to Tol Area)	L/S 819027.6 820577.3 819452.3 62	0590.7 14.0 1048 0.033 0590.7 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.033 850 17 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03 0.032 3613 0.0	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0	032 3380 0.032 032 3380 0.032	3143 0.032 35 3143 0.032 35	545 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 01 0.032 3427 0.031 3257 01	031 3287 0.031 3221 0.031
	L83 819402.3 620690.7 819670.2 82 L82 819670.2 820672.3 820232.0 82	0714.6 14.0 1048 0.033 0714.6 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.033 850 7 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03 0.032 3613 0.05	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0	032 3380 0.032 032 3380 0.032	3143 0.032 3 3143 0.032 3	546 0.032 4021 545 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 0.1 0.032 3427 0.031 3257 0.1	031 3267 0.031 3221 0.031 021 3221 0.031
om Tai Ho to Toll Area) om Tai Ho to Toll Area)	L84 820531 1 620948.3 820648 7 82	3948.3 14.0 1048 0.033 1276.0 14.0 1048 0.033	631 0.033 450 0.033 31 631 0.033 450 0.033 31	7 0.033 337 0.033 850 7 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.0	32 3342 0.032 345 32 3342 0.032 345	0.032 3613 0.03 0.032 3613 0.03	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0	032 3380 0.032 032 3380 0.032	3143 0.032 35 3143 0.032 35	545 0.032 4021 546 0.032 4021	0.032 3427 0.031 3257 01 0.032 3427 0.031 3257 01	031 3267 0.031 3221 0.031
am Tai He to Tel Ares)	L78 617951 4 619565.3 815779.9 102 L78 01579.9 10207.6 610027.0 10 10 L90 615027.9 20207.3 81042.3 10207.0 10 <td>2005.3 14.0 1048 0.033 2005.3 14.0 1048 0.033</td> <td><u>531 0.033 450 0.033 31</u> 531 0.033 450 0.033 31</td> <td>7 0.033 337 0.033 850 7 0.033 337 0.033 850</td> <td>0.033 2141 0.033 0.033 2141 0.033</td> <td>3631 0.032 4037 0.0 3631 0.032 4037 0.f</td> <td>12 3342 0.032 345 02 3342 0.032 345</td> <td>0.032 3613 0.03 0.032 3613 0.03</td> <td>2 3809 0.032 3789 2 3809 0.032 3789</td> <td>0.032 3843 0</td> <td>032 3360 0.032 032 3360 0.032</td> <td>3143 0.032 35 3143 0.032 35</td> <td>545 0.032 4021 545 0.032 4021</td> <td>0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0</td> <td>031 3267 0.031 3221 0.031</td>	2005.3 14.0 1048 0.033 2005.3 14.0 1048 0.033	<u>531 0.033 450 0.033 31</u> 531 0.033 450 0.033 31	7 0.033 337 0.033 850 7 0.033 337 0.033 850	0.033 2141 0.033 0.033 2141 0.033	3631 0.032 4037 0.0 3631 0.032 4037 0.f	12 3342 0.032 345 02 3342 0.032 345	0.032 3613 0.03 0.032 3613 0.03	2 3809 0.032 3789 2 3809 0.032 3789	0.032 3843 0	032 3360 0.032 032 3360 0.032	3143 0.032 35 3143 0.032 35	545 0.032 4021 545 0.032 4021	0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0 0.032 3427 0.031 3257 0.0	031 3267 0.031 3221 0.031
cm Tai Ho to Toli Area) cm Tai Ho to Toli Are	L87 821904.7 822005.3 622102.9 82 L88 811502.6 817292.3 811504.3 81	7454.6 14.0 596 0.030	531 0 033 450 0.033 31 352 0.031 251 0.031 17	7 0.033 337 0.033 850 7 0.031 190 0.030 472	0.033 2141 0.033 0.030 1195 0.031	3631 0.032 4037 0.0 2032 0.030 2260 0.0	32 3342 0.032 345 00 1671 0.030 193	0.032 3613 0.03	2 3809 0.032 3789 0 2132 0.030 2121	0.032 3843 0	032 3380 0.032 030 1892 0.030	3143 0.032 35 1757 0.030 15	548 0.032 4021 963 0.030 2252	0.032 3427 0.031 3257 04 0.030 1917 0.029 1622 04	031 3287 0.031 3221 0.031 029 1800 0.029
1 (to Airport) - 2	L69 811504 3 817454.5 811437.4 81 L90 811437.4 817597,7 811407.7 81 L91 811407.7 817597,7 811370.7 81 L91 811407.7 817857.7 811370.7 81 L92 811455.3 818244.9 811399.2 81	7655.7 14.0 311 0.021	352 0.031 251 0.031 17 167 0.022 135 0.022 9?	7 0.031 190 0.030 472 5 0.021 99 0.021 251	0.030 1196 0.031	2032 0.030 2260 0.0 1083 0.020 1202 0.0	<u>40 1671 0.030 1937</u> 20 995 0.020 107	0.030 2022 0.03 0.020 1074 0.07	0 2132 0.030 2121 0 1133 0.020 1127	0.030 2152 0	030 1892 0.030 020 1006 0.020	1757 0.030 15 \$36 0.020 10	983 0.030 2252 055 0.020 1198	0.030 1917 0.028 1822 0.0	029 1843 0.029 1800 0.029 029 1843 0.029 1800 0.029 019 976 0.019 957 0.018
(to Arport) - 2 (to Kin) - 5 (to Kin) - 5 (to Kin) - 5 (to Kin) - 5 (to Kin) - 5	L93 611407.7 817655.7 811370.7 81 L92 811456.3 818244.9 811399.2 81 L93 611399.2 818070.7 811381.2 81	8070.7 14.0 195 0.021	187 0.022 135 0.022 95 117 0.021 84 0.022 67	0.021 99 0.021 251 1 0.021 65 0.023 158	0.021 634 0.021 0.022 406 0.022	1083 0 020 1202 0.0 684 0.020 762 0.0	20 985 0.020 1027 20 628 0.020 65	0.020 1074 0.02 0.020 650 0.02	0 1133 0.020 1127 0 715 0.020 712	0.020 1144 0	020 1006 0.020 020 637 0.020	\$36 0.020 10 590 0.020 6	055 0.020 1198	0.020 1020 0.019 969 0.0	019 976 0.018 957 0.018 019 821 0.019 807 0.019
1 (to Kin) - 5 1 (to Kin) - 6	194 811381.2 617571.6 811388.5 81	7794.4 14.0 199 0.021	117 0.021 84 0.022 61 120 0.021 86 0.022 67	2 0.021 65 0.023 158 2 0.021 67 0.023 162	0.022 406 0.022 0.021 414 0.022	584 0.020 762 0.0 701 0.020 780 0.0	20 628 0.020 653 20 644 0.020 667	0.020 680 0.02 0.020 697 0.07	0 716 0.020 712 0 736 0.020 730	0.020 723 0	020 637 0.020 020 652 0.020	590 0.020 6 606 0.020 6	88 0.020 780 83 0.020 777	0.020 645 0.019 613 0.0	019 621 0.019 607 0.019 019 635 0.019 674 0.019
((to Kin) - 6 (to Kin) - 7	196 811425.3 817662.0 811479.5 81	6620 14.0 198 0.021 7545.6 14.0 487 0.032	120 0.021 86 0.022 62 290 0.032 208 0.032 15	1 0.021 67 0.023 162 1 0.032 158 0.032 395	0.021 414 0.022 0.032 998 0.032	701 0.020 780 0.0 1888 0.031 1878 0.0	20 644 0.020 565 31 1554 0.031 160	0.020 697 0.020 0.031 1679 0.03	0 736 0.020 730 1 1773 0.031 1763	0.020 742 0 0.031 1788 0	020 652 0 020 031 1574 0.031	606 0.020 6 1461 0.031 16	83 0.020 777 549 0.031 1869	0.020 050 0.019 629 0.0	019 635 0.019 624 0.019
(ta Kin) - 7 (ta Kin) - 7	L97 (011472) 0175450 (013517) 0 L58 (01537) 017455 (0116037) 0 L98 (01537) 017455 (0116037) 0 L100 (011504 0 018545 (011554 4) 0 L100 (011504 0 018545 (011554 4) 0 L101 (011504 0 01856 0 01856 0 0 L102 (011504 0 01856 0 01856 0 01856 0 0 011574 0 01856 0 01856 0 01856 0 0 011574 0 01856 0 01856 0 01856 0 0 011574 0 01856 0 0 011574 0 01856 0 0 011574 0 01856 0 0 011574 0 0 000000000000000000000000000000000	7302.1 14.0 487 0.032	290 0.032 208 0.032 15 290 0.032 206 0.032 15	1 0.032 158 0.032 395 1 0.032 158 0.032 395	0.032 998 0.032 0.032	1688 0.031 1878 0.0 1688 0.031 1878 0.0	1 1554 0.031 160F 31 1554 0.031 160F	0.031 1679 0.03 0.031 1679 0.03	1 1773 0.031 1763 1 1773 0.031 1763	0.031 1788 0	031 1574 0.031 031 1574 0.031	1461 0.031 16	649 0.031 1809 549 0.031 1809	0.031 1597 0.030 1517 0.0 0.031 1597 0.030 1517 0.0	030 1530 0.030 1501 0.030 030 1530 0.030 1501 0.030
(to Kin) - 4 (to Kin) - 4 23	L100 811594.4 818645.8 811456.3 81	5244.9 14.0 332 0.022 5244.9 14.0 332 0.022	199 0.022 141 0.022 99 199 0.022 141 0.022 99 199 0.022 141 0.022 99	0.022 108 0.022 270	0.022 680 0.022	1154 0.026 1283 0.00 1154 0.026 1283 0.00	26 1064 0.026 1100 26 1064 0.026 110	0.026 1150 0.02/ 0.026 1150 0.02	6 1212 0.026 1205 6 1212 0.026 1205	0.026 1222 0	026 1076 0.026 026 1076 0.026	996 0.025 11 996 0.025 11	125 0.026 1277 125 0.026 1277	0.026 1087 0.020 1033 0.0	720 1043 0.020 1024 0.020 720 1043 0.020 1024 0.020
(to K(n) - 4	L102 811636.9 818684.0 811594.4 81	3645.8 18.0 332 0.022 3645.8 18.0 332 0.022	199 0.022 141 0.022 99 199 0.022 141 0.022 99	0.022 108 0.022 270 0.022 105 0.022 270	0.022 680 0.022 0.022 680 0.022	1154 0.026 1283 0.0 1154 0.026 1283 0.0	6 1054 0.025 1100 26 1064 0.026 110	0.026 1150 0.020 0.026 1150 0.07	6 1212 0.026 1205 6 1212 0.028 1205 1 785 0.061 777	0.026 1222 0	026 1076 0.026 025 1076 0.026	996 0.025 11 996 0.025 11	125 0.026 1277 125 0.026 1277	0.026 1087 0.020 1033 0.0	020 1043 0.020 1024 0.020 020 1043 0.020 1024 0.020
n NLH (To Tung Chung Waterfront Roa	ad) L103 611943.4 816385.2 811844.9 81 ad) L104 811944.9 816945.7 811781.1 81 ad) L105 811761.1 816945.3 811745.4 81 L106 811850.9 817107.3 811243.3 81 L107 811840.3 817053.2 811890.5 81	3999.3 10.0 332 0.048	191 0.048 131 0.047 115 191 0.048 131 0.047 115	3 0.048 139 0.048 219 9 0.048 139 0.048 219	0.046 428 0.048	790 0.061 916 0.0 790 0.061 916 0.0	1 695 0.061 674 61 695 0.051 674	0.061 711 0.061 0.061 711 0.061	1 785 0.061 777 1 785 0.061 777	0.061 751 0 0.061 751 0	061 702 0.061 061 702 0.061	749 0.061 7 749 0.061 7	74 0.061 713 74 0.061 713	0.051 644 0.060 563 0.0 0.061 644 0.060 563 0.0	248 546 0.048 508 0.048 248 546 0.048 508 0.048
NLH (to Kowleen)	L106 811856.8 817107.3 811848.3 61	/058.2 10.0 419 0.046	243 0.045 166 0.046 15 249 0.045 168 0.046 15	<u>1 0.048 139 0.046 219</u> <u>3 0.047 176 0.047 275</u>	0.048 428 0.048 0.047 547 0.047	790 0.061 916 0.0 1005 0.060 1162 0.0	1 695 0.061 674 60 887 0.059 855	0.061 711 0.06 0.059 903 0.05	1 785 0.061 777 9 996 0.059 \$87	0.061 751 0. 0.059 953 0.	061 702 0.061 059 894 0.059	749 0.061 7 961 0.059 5	74 0.061 713 84 0.059 908	0.051 644 0.060 563 0.0 0.059 818 0.058 715 0.0	048 546 0.048 508 0.048 046 692 0.048 544 0.046
NLH (to Kowleon) NLH (to Kowleon)	L108 811568 5 817009.2 811910.3 61 L109 811910.3 816970.2 812002.0 61	6570.2 10.0 419 0.045 6970.2 10.0 419 0.045 6904.8 10.0 419 0.046	243 0.046 168 0.046 153 243 0.046 168 0.046 153	3 0.047 176 0.047 275 3 0.047 176 0.047 275	0.047 547 0.047	1005 0.060 1162 0.0 1005 0.060 1162 0.0	0 887 0.059 855 0 887 0.059 855	0.059 903 0.059 903 0.05	9 996 0.059 987 9 996 0.058 987	0.059 953 0.	059 894 0.059	951 0.059 SI 951 0.059 SI	84 0.059 906 84 0.059 908	0.059 818 0.058 715 0.0	246 892 0.046 644 0.046 246 692 0.046 644 0.046
Highway to Tung Chung Interchange Interchange to North Lantau Highway	L110 812992.1 816807.9 812686.1 81	3712.3 11.0 368 0.034	243 0.046 166 0.046 153 211 0.034 144 0.034 13*	5 0.034 153 0.034 242	0.035 477 0.034	1005 0.060 1162 0.0 875 0.045 1016 0.0	0 887 0.059 855 45 771 0.045 746	0.045 786 0.04	8 996 0.059 987 5 870 0.045 860	0.059 953 0 0.045 932 0	059 894 0.059 045 779 0.045	951 0.059 SI 827 0.045 83	84 0.059 908 55 0.045 791	0.059 818 0.058 715 0.0	146 692 0.046 644 0.048 134 605 0.034 561 0.034
Interchange to North Lantau Highway Eastern Interchange	L112 812725.4 816601.9 512908.4 81	3857.6 12.0 391 0.034	225 0.034 154 0.034 140	0.034 163 0.034 256 0.034 163 0.034 256	0.035 511 0.034 0.035 511 0.034	934 0.045 1081 0.045 934 0.045 1081 0.0	5 824 0.044 794 45 824 0.044 794	0.044 842 0.044	5 928 0.044 918 5 928 0.044 918	0.044 885 0.	044 832 0.044 044 832 0.044	682 0.044 9 692 0.044 9	13 0.044 845 13 0.044 845	0.044 762 0.043 664 0.0	134 645 0.034 599 0.034 134 645 0.034 599 0.034
Eastern Interchange Eastern Interchange	L114 812593.8 816744.9 812563.6 810 L115 812583.6 816784.1 812602.2 810	5812.6 12.0 301 0.034	226 0.034 154 0.034 140 226 0.034 154 0.034 140 235 0.034 154 0.034 140	0.034 163 0.034 256 0.034 163 0.034 256	0.035 511 0.034 0.035 511 0.034 0.035 511 0.034	334 0.045 1061 0.04 934 0.045 1061 0.0	5 824 0.044 794 45 824 0.044 794	0.044 842 0.04	5 928 0.044 918 5 928 0.044 918	0.044 885 0. 0.044 885 0.	044 832 0.044 044 832 0.044	882 0.044 9 882 0.044 9	13 0.044 845 13 0.044 845	0.044 762 0.043 664 0.0	034 645 0.034 599 0.034 034 645 0.034 599 0.034
Eastern Interchange Eastern Interchange	L116 812602.2 B16812.8 812643.7 814	820.2 12.0 391 0.034 0785.4 12.0 201 0.034	226 0.034 154 0.034 140 226 0.034 154 0.034 140	J 0.034 163 0.034 256	0.035 511 0.034	934 0.045 1081 0.0 934 0.045 1081 0.0	<u>5 824 0.044 794</u> 45 824 0.044 794	0.044 842 0.04	5 928 0.044 918 5 928 0.044 918	0.044 885 0	044 632 0.044 044 632 0.044	882 0.044 9 882 0.044 9	13 0.044 845 13 0.044 845	0.044 762 0.043 654 0.0	034 645 0.034 599 0.034 134 645 0.034 599 0.034
Eastern Interchange Eastern Interchange	1110 0.5262 2.0002.21 0.0002	761.5 12.0 381 0.034	226 0.034 154 0.034 140 226 0.034 154 0.034 140	0.034 163 0.034 256	0.035 511 0.034	834 0.045 1081 0.04 834 0.045 1081 0.0	3 824 0.044 794 15 824 0.044 794	0.044 842 0.045	928 0,044 918 928 0,044 918	0.044 885 0	044 832 0.044 044 832 0.044	882 0.044 9 882 0.044 9	13 0.044 845 13 0.044 845	0.044 762 0.043 864 0.0	134 645 0.034 599 0.034 134 645 0.034 599 0.034
Eastern Interchange Eastern Interchange	L120 812579.7 815706.9 512554.4 810 L121 812864.4 81001 7 817570 4 940	691.2 12.0 391 0.034	226 0.034 154 0.034 140 226 0.034 154 0.034 140	0.034 163 0.034 256 0.0034 163 0.034 256	0.035 511 0.034	<u>334 0.045 1081 0.04</u> 334 0.045 1081 0.0	5 824 0.044 794 15 824 0.044 794	0.044 842 0.045	928 0.044 918 928 0.044 918	0.044 585 0	044 832 0.044 044 832 0.044	882 0.044 91 882 0.044 91	13 0.044 845 13 0.044 845	0.044 762 0.043 564 0.0 0.044 762 0.043 884 0.0	134 645 0.034 599 0.034 134 645 0.034 599 0.034
Eastern Interchange Eastern Interchange	L122 812639 4 816682 4 812612 2 810 L123 812612 2 818686 4 812612 4 817	486.4 12.0 391 0.034 5706.6 12.0 391 0.034	226 0.034 154 0.034 140 226 0.034 154 0.034 140	0.034 163 0.034 256 0 0.034 163 0.034 256	0.035 511 0.034	824 0.045 1081 0.04 1 924 0.045 1081 0.0	5 824 0.044 794 15 824 0.044 794	0044 842 0.045	325 0.044 918 928 0.044 918	0.044 885 0	044 832 0.044 044 832 0.044	882 0.044 9 882 0.044 9	13 0.044 845 13 0.044 845	0.044 762 0.043 664 0.0 0.044 762 0.043 664 0.0	134 645 0.034 509 0.034 134 645 0.034 509 0.034
ad (\$/8) - 1 ad (\$/8) - 1	L124 812510.6 816681 0 812546.6 816 L125 812540.6 818648.5 812450 0 812	<u>848.5</u> 14.0 177 0.037	99 0.036 67 0.036 64 99 0.036 67 0.036 64		0.037 233 0.037	419 0.050 487 D.0*	5 824 0.044 794 1 373 0.050 359	0.050 378 0.05	928 0.044 918 0 416 0.050 413	0.044 B85 0. 0.050 400 0.	044 832 0.044 050 375 0.050	882 0.044 9 368 0.050 4	13 0.044 B45 10 0.050 378	0.044 762 0.043 664 0.0 0.050 341 0.046 298 0.0	134 545 0.034 599 0.034 138 292 0.035 271 0.036
ad (S/B) + 1 ad (S/B) - 1	L125 812459.0 816579.7 812308.6 816 L127 812308.6 816399.2 812159.3 812	309.2) 8.0 177 0.037	39 0.036 67 0.036 54 99 0.036 67 0.036 54		0.037 233 0.037	419 0.050 457 0.05 419 0.050 457 0.07	1 3/3 0 050 359 1 373 0.050 359	0.050 378 0.050	415 0.050 413 416 0.050 413	0.050 400 0	050 375 0.050 050 375 0.050	398 0.050 41 398 0.050 41	10 0.050 378 10 0.050 378	0.050 341 0.045 206 0.0 0.050 341 0.045 255 0.0	136 292 0.036 271 0.036 136 292 0.036 271 0.036
ad (S/B) - 2 ad (S/B) - 2	L128 812168 3 816207 0 812016 2 815 L129 812016 2 815094 1 811026 0 81	894.1 8.0 288 0.032	163 0.032 113 0.032 100 163 0.032 113 0.032 100	0 0031 117 0.032 187	0.032 370 0.032	679 0046 769 0.0	1 373 0.050 359 8 559 0.045 580	0.050 378 0.050	418 0.050 413 5 676 0.045 670	0.050 400 0.	050 375 0.050 045 606 0.045	398 0.050 41 642 0.045 60	10 0.050 376 54 0.045 615	0.050 341 0.046 295 0.0 0.045 555 0.041 484 0.0	05 292 0.036 271 0.036 032 470 0.032 439 0.032
ad (\$/8) - 2 ad (\$/8) - 2	L130 811926 0 815874.6 811854.2 815 L131 811854.2 815874 2 811781 9 81	804.2 8.0 288 0.032	163 0.032 113 0.032 100 163 0.032 113 0.032 100	<u> 0.031 117 0.032 187 0.031 117 0.032 187 0.031 117 0.032 187 0.011 117 0.032 187 0.011 117 0.033 0.011 117 0.033 0.011 </u>	0.032 370 0.032	679 0.046 769 0.04	5 599 0.045 580 6 599 0.045 560	0.045 612 0.045	576 0.045 670 576 0.045 670	0.045 646 0. 0.045 646 0.	845 506 0.045 845 606 0.045	542 0.045 80 542 0.045 60	64 0.045 615 64 0.045 615	0.045 555 0.041 484 0.0 0.045 555 0.041 484 0.0	32 470 0.032 438 0.032 32 470 0.032 439 0.032
§ Easten Minchange § Easten Minchange Gatten Minchange § Easten Minchange § Easten Minchange § Easten Minchange Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 2 Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 2 Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 1 Gatten Minchange § (Site) 2 Gatten Minchange § (Site) 1 Gatten Minc	L132 811791 9 815750.4 811818 1 815 L133 811618 1 815053 9 811020 7 616	853.9 8.0 12 0.033 523.4 8.0 12 0.033	7 0.038 4 0.042 4 7 0.038 4 0.042 4	0.042 8 0.034 8	0.034 17 0.038	33 0.054 38 0.0 ⁴	<u>5 589 0.045 580</u> <u>1 27 0.050 27</u>	0.045 612 0.045	576 0.045 670 1 29 0.048 29	0.045 646 0	045 606 0.045 048 27 0.050	542 0.045 E	54 0.045 615 9 0.048 29	0.045 555 0.041 484 0.0 0.048 26 0.049 24 0.0	132 470 0.032 439 0.032 138 24 0.038 21 0.038
	L134 811018 5 815543.0 811483.8 815	842.1 8.0 54 0.039	31 0.040 22 0.040 20	0.038 23 0.040 36	0.038 72 0.039	132 0.054 38 0.05	3 116 0.053 113	0.050 27 0.050	3 132 0.052 131	0.048 29 0	048 27 0.050	29 0.048 2	9 0.048 29 31 0.053 120	0.045 26 0.049 24 0.0	38 24 0.038 21 0.038 39 90 0.035 A4 0.038
ud (N/B) - 1	L135 811483.81815542.11611693.21814					122 0.053	3 110 0.000	0.000	400	0.000	110 0.000			0.003 100 0.043 04 0.0	

HKBCF / HKLR EVA Details of Vehicular Emission Rates 2031 22-46-99 24 hour RSP Emission and Tratic Profile

Road Link Link No. Future Yeard He/G1 He/G2 He/G3 He/G4 He/G3 He/G5	Hr 15 Hr 16 Hr 17 Hr 12 Hr 15 Hr 20 Hr 22 Hr 23 Hr 24 Bave EnF How How How How
12 10 22 10 22 10 12 12 12 12 12 12 12 12 12 12 12 12 12	801 0.052 566 0.052 600 0.052 573 0.052 517 0.048 453 0.005 440 0.000 308 300 0.055
VL tog Basel (200)-3 Ltd2 Distribution (200) Distribution (200)<	601 602 803 6022 800 6028 603 </td
DBALLERS DBALLERS - L142 111/2017 112/2022 111/211/211/211/211/211/211/211/211/2	327 0649 122 0549 334 0644 300 0300 377 0548 139 0645 230 0335 246 0533 228 0553 248 0555 258 0555 259
Banchad (Ban-1) (Ban-1	507 0.044 472 0.043 507 0.544 472 0.044 472 0.043 507 0.544 672 0.541 673 0.529 172 0.520 383 0.503 126 0.0257 640 0.045 0.55 0.044 677 0.045 577 0.041 678 0.027 643 0.027 643 0.045 0.55 0.046 0.04 0.045 0.57 0.041 0.057 643 0.045 0.55 0.046 0.046 0.045 0.057 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.041 0.041 0.027 0.041 0.037 <
Sandbord (be up/10/e Stad 4 Valument 86) 1153 11556 13756 1375 115	1397 0.056 1310 0.058 1382 0.058 1441 0.056 1330 0.656 1200 0.052 1348 0.041 1018 0.041 947 0.041 674 0.041 997 0.04
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	201 0.081 533 0.061 589 0.061 1024 0.061 944 0.061 952 0.056 742 0.046 721 0.046 670 0.046 623 0.046
Log Charge Valuations Read (VMR)-1 L153 16/3/2 (2) 07/230 (2) 07/230 (2) 07/230 (2) 07/231 (2) 07	911 0.001 812 0.001 823 0.001 824 0.005 652 0.668 742 0.016 752 0.005 653 0.664 762 0.664 762 0.664 762 0.664 762 0.001 823 0.664 872 0.024 870 0.644 872 0.024 870 0.644 872 0.024 872 0.024 873 0.644 <th< td=""></th<>
Log Cutoy function Line Line (Line) (Line (Line) (143 2000 144 0.000 147 0.000
128 148 158 168 168 169 168 169 168 168 169 168 169 168 168 169 168 169 0.005 187 0.055 187 0.055 187 0.055 187 0.055 187 0.055 187 0.056 187 0.055 187 0.055 187 0.055 187 0.055 187 0.055 185 0.057 188 0.055 180 0.057 180 0.055 180 0.057 180 0.055 180 0.057 180 0.051 0.057 0.051 0.050 0.057 0.051 0.050 0.057 0.051 0.050 0.051 0.05	155 10:01 142 0.044 355 0.044 355 0.044 375 0.033 346 0.024 375 0.033 237 0.033 143 0.041 375 0.033 243 0.053 143 0.045 346 0.024 374 0.041 275 0.033 243 0.053 243 0.053 243 0.055 243 0.055 243 0.051 <th< td=""></th<>
Dirag Rad (DIP) LT6 HTM06 (\$ HetGA (1 + (2004) (\$	515 0.051 451 0.051 512 0.051 523 0.051 449 0.051 441 0.047 356 0.037 376 0.037 348 0.037 323 0.037 515 0.051 451 0.051 512 0.051 523 0.051 469 0.051 441 0.047 356 0.037 376 0.037 348 0.037 323 0.037 515 0.051 451 0.051 512 0.051 523 0.051 459 0.051 441 0.047 356 0.037 376 0.037 348 0.037 323 0.037
bit ing cost -2 Club dt 2242 (1867) 4 (12224) (1867) 4 (12224) (1867) 4 (12224) 126 0 C/26 24 C/C1 12 C/C2 24 C/C1 22 C/C1 23 C/C1 23 C/C1 <th< td=""><td>Dec Det Dec <thdec< th=""> <thdec< th=""> <thdec< th=""></thdec<></thdec<></thdec<></td></th<>	Dec Det Dec Dec <thdec< th=""> <thdec< th=""> <thdec< th=""></thdec<></thdec<></thdec<>
Mar Tong Read-2 L151 D1252-2011 D120 D20 D20 <thd20< th=""> <thd20< th=""> D20</thd20<></thd20<>	145 0042 150 0043 143 0043 143 0040 148 042 137 042 124 0058 147 0020 155 0020 17 020 90 0.000 145 0042 153 0443 144 042 137 0442 137 0442 124 0058 147 0220 155 0020 97 020 90 050 7 0071 7 072 7 0071 7 072 7 071 7 072 7 0071 7 0072 5 0056 5 0056 5 0555 5 0555
MAN 092 State - 2 L168 63116 (2012) 4013103 (473103 (17310 (2) 4 0.000 1 0.044 1 0.044 1 0.044 4 0.001 7 0.007 7	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
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North Perimeter Read 64 2w LS04 811167.1 820197.5 811144.4 North Perimeter Read 64 2w LS05 811144.4 820143.5 811167.1 Cheorg Lin Read 65 2w LS05 81154.6 8159.6 8159.6 8159.6	4 (520143.5) 7.6 35 0.057 21 0.057 15 0.056 12 0.057 15 1 (20028.9) 7.5 35 0.057 21 0.057 15 0.056 12 0.057 15 1 (20028.9) 7.5 35 0.057 21 0.057 15 0.056 12 0.057 16 7 (100.2) 176 0.033 101 0.033 65 0.033 65 0.033 73	2005 22 0.057 14 0.056 63 0.071 97 0.072 74 0.071 71 0.072 0.056 23 0.057 46 0.056 63 0.071 97 0.072 74 0.071 71 0.072 0.056 23 0.057 46 0.056 63 0.071 97 0.072 74 0.071 71 0.072 0.056 23 0.057 46 0.056 63 0.071 97 0.072 74 0.071 71 0.072 0.071 97 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 71 0.072 74 0.071 77 0.072 74 0.071 77<	75 0.072 83 0.072 83 0.072 79 0.071 75 0.072 79 0.071 82 75 0.072 83 0.072 82 0.072 79 0.071 82 75 0.072 83 0.072 82 0.072 79 0.071 76 77 0.071 83 0.072 82 0.072 79 0.071 76 77 0.041 0.047 79 0.071 75 0.072 79 0.071 63 0.07 0.047 14 0.047 14 0.047 14 0.047 14	0.072 77 0.072 68 0.072 60 0.057 58 0.057 54 0.057 50 0.057 0.072 77 0.072 65 0.072 80 0.057 58 0.057 54 0.057 50 0.057
Cheeng Tat Read 72 2w L507 B11402.7 [8192027] 811420 Cheeng Hing Read Ramp 73 L508 011435 7 [819791 2 811420 Cheeng Hing Read Ramp 73 L508 811440.0] 8168664 811480	9[8194208] 10.6 123 0023 73 0024 49 0024 45 0024 52 0[819864 4.5 36 0.015 20 0.018 14 0.017 13 0.018 15 4193602.5 4.6 36 0.018 20 0.018 14 0.017 13 0.018 15	0.024 83 0.024 183 0.023 306 0.039 353 0.026 266 0.038 266	211 0.034 90 0.038 300 0.034 80 0.034 84 0.034 78 0.034 83 0.034 87 79 0.034 90 0.034 90 0.034 84 0.034 78 0.034 83 0.034 83 0.034 83	0.048 380 0.047 330 0.040 268 0.032 288 0.032 288 0.032 268 0.032 268 0.032 268 0.032 268 0.032 268 0.032 268 0.033 260 0.032 268 <th< td=""></th<>
Isoth Parameter Read 52 /r/r Isoth Parameter Read 52 /r I	5 819907 7 4.5 36 0.018 20 0.018 14 0.017 13 0.018 15 7 819875 1 6.2 36 0.018 20 0.018 14 0.017 13 0.018 15 4 81980 5 6 2 36 0.018 20 0.018 14 0.017 13 0.018 15	0017 23 0.016 48 0.020 90 0.035 105 0.036 78 0.034 74 0.002 0.017 23 0.016 48 0.020 90 0.035 105 0.036 78 0.034 74 0.002 0.017 23 0.016 48 0.020 90 0.035 105 0.036 78 0.014 74 0.032	70 0.034 50 0.034 63	0034 60 0034 71 0022 62 0019 61 0019 57 0019 53 0020 0034 60 0034 71 0022 62 0019 61 0019 57 0019 53 0020
Stip road to Cheeng Hing Road LS13 811485.4 810853.8 811484. Bip road to Cheeng Hing Road LS14 8114482.3 810873.4 811494.3 Cheeng Hing Road 75 LS15 811484.3 810873.4 811494.3 Cheeng Hing Road 75 LS15 811484.3 810903.3 81141.3 Cheeng Hing Road 75 LS16 811484.7 819073.1 811495.3	16/1987/14 62 36 00/18 20 00/18 14 0.017 13 00/18 15 5 619902.5 6.2 38 00/18 20 0.018 14 0.017 13 0.018 15 5 619912.5 6.2 38 00/18 22 0.018 14 0.017 13 0.018 15 5 619913.1 4.6 2.14 0.019 125 0.018 84 0.018 78 0.018 59	0017 23 0.016 43 0.020 90 0.025 105 0.036 78 0.034 74 0.032 0.017 23 0.016 48 0.020 90 0.035 105 0.036 78 0.034 74 0.032 0.019 142 0.070 278 0.019 514 0.034 534 0.034 70 0.032	70 0.024 60 0.024 63 0.024 65 0.024 76 0.024 76 0.024 63	0024 60 0034 71 0022 62 019 61 0113 57 0118 53 0520 0034 80 0034 71 0022 62 0.619 61 0.611 57 0.615 53 0.620 0.034 80 0.034 71 0.022 62 0.019 61 0.019 57 0.019 53 0.620 0.033 464 0.033 474 0.023 365 0.019 555 0.019 527 0.019 537
Cheering Heing Read 75 L516 8114/81.7 8109/73.1 8114/82 Cheering Heing Read 76 L517 8114/82.2 8109/33.4 8114/87 Cheering Heing Read 76 L519 8114/73.4 8109/82.2 8114/73.4 8109/82.2 8114/73.4 8109/82.2 8114/73.4 8109/82.2 8114/73.4 8109/82.2 8114/73.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/82.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4 8109/87.2 8114/74.4	3 520047.2 4.6 214 0.019 125 0.019 84 0.018 78 0.018 90 4 51952.3 8.2 51 0.016 47 0.020 33 0.015 31 0.020 35 0 520017.3 8.2 51 0.016 47 0.020 33 0.019 31 0.020 35	0.019 142 0.020 279 D.019 514 0.034 594 0.034 450 0.033 438 0.034 0.019 53 0.020 109 0.036 225 0.035 174 0.034 167 0.036 0.019 53 0.020 109 0.036 225 0.035 174 0.034 167 0.036 0.019 53 0.020 169 0.036 225 0.035 174 0.034 167 0.034	400 0.033 510 0.033 502 0.035 425 0.033 450 0.033 4413 0.033 447 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 193 0.035 195 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 193 0.035 195 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 193 0.035 195 0.033 175 0.034 184 0.033 197 176 0.034 197 0.035 193 0.035 193 0.035 195 0.035 195 0.033 195 0.034 197 0.034 197 0.035 197 0	0.033 464 0.033 417 0.023 355 0.019 355 0.019 325 0.010 325 <th< td=""></th<>
Cheeng Hog Road 78 L519 (201474 9) (20072.0) [311467 1] (20037.2) [31147 2] (20037.2) [31147 2] (7 2000770 6.2 81 0.018 47 0.020 33 0.019 31 0.020 35 8 2000720 8.2 81 0.018 47 0.020 33 0.019 31 0.020 35 9 200823 8.2 81 0.018 47 0.020 33 0.019 31 0.020 35 9 200823 8.2 81 0.018 47 0.029 33 0.019 31 0.027 35 9 15450.0 15.0 65 0.057 37 0.057 25 0.057 28	0.019 53 0.020 109 0.020 197 0.036 225 0.035 174 0.034 167 0.034 0.019 53 0.020 109 0.020 197 0.026 225 0.035 174 0.024 167 0.034 0.019 53 0.020 109 0.020 197 0.026 225 0.035 174 0.034 167 0.034	176 0.034 197 0.035 193 0.033 185 0.033 175 0.034 184 0.033 19 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 19 176 0.034 197 0.035 193 0.035 185 0.033 175 0.034 184 0.033 19	0 0.025 176 0.024 162 0.024 133 0.020 137 0.020 125 0.020 117 0.020 0 0.035 176 0.034 162 0.024 139 0.020 137 0.020 126 0.020 117 0.020 0 0.035 176 0.034 152 0.024 139 0.020 137 0.030 126 0.020 117 0.020 0 0.05 176 0.034 152 0.024 139 0.020 137 0.030 126 0.020 117 0.020
Chenna Hing Rand 76 1,521 811302.5 8000720 811375 Bus lave 1,522 811302.5 8100720 811375 Arpeet South Interchange 1,522 811802.5 81482.5 81482.5 81482.5 81482.5 81482.4 81482.5 81482.5 81482.4 <td>819490.8 15.0 65 0057 37 0.057 25 0.057 23 0.057 28 819468 8 11.4 545 0.020 313 0.020 215 0.021 197 0.021 228 7 819500 9 11.4 545 0.020 313 0.020 215 0.021 197 0.021 228</td> <td>0.057 43 0.056 83 0.056 152 0.072 176 0.072 134 0.071 131 0.072 0221 358 0.021 707 0.021 1500 0.028 1505 0.029 1154 0.028 1106 0.028 0.021 358 0.021 707 0.021 1500 0.028 1505 0.029 1144 0.028 1106 0.028 0.021 358 0.021 707 0.021 1500 0.028 1505 0.029 1144 0.028 1105 0.028</td> <td>137 0.072 150 0.072 150 0.072 156 0.072 144 0.071 136 0.072 144 0.071 14 1167 0.028 1288 0.028 1276 0.028 1228 0.028 1155 0.026 1228 0.028 128 1167 0.028 1286 0.028 1276 0.028 1220 0.028 1155 0.026 1228 0.028 128</td> <td>3 0.025 176 0.044 167 0.024 133 0.020 137 0.028 128 0.020 117 0.020 0.072 138 0.072 128 0.072 100 0.057 106 0.057 00 0.057 00 0.057 9. 0.028 1173 0.028 1059 0.056 223 0.020 286 0.028 25 0.028 772 0.020 9. 0.028 1173 0.028 1059 0.026 250 0.020 286 0.028 35 0.028 772 0.020 9. 0.028 1173 0.028 1059 0.026 250 0.020 286 0.028 35 0.028 772 0.020</td>	819490.8 15.0 65 0057 37 0.057 25 0.057 23 0.057 28 819468 8 11.4 545 0.020 313 0.020 215 0.021 197 0.021 228 7 819500 9 11.4 545 0.020 313 0.020 215 0.021 197 0.021 228	0.057 43 0.056 83 0.056 152 0.072 176 0.072 134 0.071 131 0.072 0221 358 0.021 707 0.021 1500 0.028 1505 0.029 1154 0.028 1106 0.028 0.021 358 0.021 707 0.021 1500 0.028 1505 0.029 1144 0.028 1106 0.028 0.021 358 0.021 707 0.021 1500 0.028 1505 0.029 1144 0.028 1105 0.028	137 0.072 150 0.072 150 0.072 156 0.072 144 0.071 136 0.072 144 0.071 14 1167 0.028 1288 0.028 1276 0.028 1228 0.028 1155 0.026 1228 0.028 128 1167 0.028 1286 0.028 1276 0.028 1220 0.028 1155 0.026 1228 0.028 128	3 0.025 176 0.044 167 0.024 133 0.020 137 0.028 128 0.020 117 0.020 0.072 138 0.072 128 0.072 100 0.057 106 0.057 00 0.057 00 0.057 9. 0.028 1173 0.028 1059 0.056 223 0.020 286 0.028 25 0.028 772 0.020 9. 0.028 1173 0.028 1059 0.026 250 0.020 286 0.028 35 0.028 772 0.020 9. 0.028 1173 0.028 1059 0.026 250 0.020 286 0.028 35 0.028 772 0.020
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Alipet South Interchange L328 811694 2 (819-30 (81063)) Alipet Eauth Interchange L529 811663 (810-30 (81063)) Sky City Interchange L530 812012 1 (819462 (81207)) Sky City Interchange L530 812012 1 (819462 (81207))	14194101 11.4 545 0.020 313 0020 215 0.021 197 0.021 228 5194225 11.4 545 0.020 313 0.020 215 0.021 197 0.021 228 51952518 11.6 405 0.018 225 0.016 153 0.016 145 0.016 170	0.021 358 0.021 707 0.021 1300 0.029 1506 0.029 1444 0.028 1106 0.028 0.021 338 0.021 707 0.021 1300 0.029 1505 0.023 1144 0.028 1106 0.028 0.019 254 0.019 524 0.019 65 0.034 1150 0.033 822 0.033	1167 0.028 1288 0.028 1276 0.028 1230 0.028 1155 0.028 1228 0.023 128 1167 0.028 1280 0.028 1276 0.028 1220 0.028 1155 0.028 1228 0.028 122 1167 0.028 1280 0.028 1276 0.028 1220 0.028 128 0.023 12	9 0.022 1173 0.028 1059 0.026 926 0.020 896 0.023 835 0.020 772 0.020 9 0.022 1173 0.028 1059 0.026 926 0.020 886 0.023 835 0.020 772 0.020 9 0.023 1173 0.028 1059 0.026 926 0.020 886 0.020 835 0.020 772 0.020 0.033 871 0.033 723 0.022 587 0.014 646 0.014 617 0.018 5.00 772 0.020
Sky City Interchange L531 B1202(2) B1201(2) B1202(2) Sky City Interchange L532 B1207(2) B1207(2) B1207(2) Sky City Interchange L533 B1207(2) B1207(2) B1207(2) Sky City Interchange L533 B1207(2) B1207(2) B1207(2) Sky City Interchange L534 B1202(2) B1407(2) B1407(2)	1015500,61,11.6 405 0.018 235 0.016 158 0.016 145 0.018 170 519478.6 11.6 405 0.018 235 0.018 158 0.019 145 0.018 170 1919452.2 11.6 405 0.018 225 0.018 158 0.018 145 0.018 170 1919452.2 11.6 405 0.015 225 0.018 158 0.018 145 0.018 170	0.019 265 0.019 524 0.019 965 0.034 1118 0.034 550 0.033 823 0.033 0.019 265 0.015 524 0.019 965 0.034 1118 0.034 550 0.033 823 0.033 0.019 265 0.015 524 0.019 965 0.034 1118 0.014 550 0.033 823 0.033	666 0.033 959 0.033 944 0.033 915 0.033 880 0.033 912 0.033 944 658 0.033 959 0.033 946 0.033 915 0.033 860 0.033 912 0.033 944 656 0.033 958 0.033 946 0.033 916 0.033 920 0.033 912 0.033 944	0.033 871 0.033 783 0.022 887 0.015 556 0.018 517 0.016 574 0.018
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Airport Road Sip Road to East Coast Road East Coast Road NB Flyover - 2 East Coast Road NB Flyover - 2 East Coast Road NB Flyover - 2 717	L715 [811337.0] 8100.95 [811305.6] 81807.3 L716 [811385.6] 618067.3 [811532.2] 818204.9 L717 [811532.2] 818204.9] 811562.6 [815327 8 L718 [811572.0] 818327.6] 811596.0] 618425.1	10 337 0.036 203 0.036 147 0.006 103 0.005 10 337 0.038 203 0.035 147 0.036 103 0.005 9 337 0.038 203 0.035 147 0.036 103 0.035 9 337 0.035 203 0.036 147 0.036 103 0.035 9 337 0.035 203 0.036 147 0.036 103 0.035 9 337 0.035 203 0.036 147 0.036 103 0.036	111 0.036 273 0.038 662 0.036 1174 0.03 111 0.036 622 0.036 612 0.036 612 0.036 612 0.036 612 0.036 612 0.036 612 0.036 6174 0.03 612 0.036 612 0.036 6174 0.03 612 0.036 6174 0.03 612 0.036 612 0.0	1304 0.038 1061 0.038 1116 0.038 1304 0.035 1081 0.038 1116 0.038 1304 0.035 1081 0.038 1116 0.038 1304 0.038 1081 0.038 1116 0.038 1304 0.038 1081 0.038 1116 0.038 1304 0.038 1081 0.038 1016 0.038	1163 0.033 1232 0.038 1225 0.038 1225 1163 0.039 1232 0.038 1225 0.038 1243 1163 0.039 1232 0.038 1225 0.038 1243 1163 0.039 1232 0.038 1225 0.038 1243 1163 0.039 1232 0.038 1225 0.038 1243 1163 0.039 1232 0.038 1225 0.038 1243	0.02 1.093 0.028 1.093 0.029 1.013 0.029 1.013 0.029 1.014 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.015 0.029 1.016 0.029 1.015 0.029 1.016	6 0.070 770 0.017 255 0.018 255 0.018 1800 0.017 0.01 0.008 1107 0.007 1004 0.037 100 0.008 1007 0.007 1004 0.037 783 0.036 0.005 1107 0.037 1051 0.027 1082 0.037 1083 0.037 103 0.056 107 0.037 103 0.056 107 0.037 103 0.056 107 0.037 103 0.057 103 0.057 103 0.057 103 0.057 103 0.057 103 0.057 103 0.057 103 0.057 103 0.057 104 0.057 103 0.058 107 0.057 1040 0.057 103 0.058 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103
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717 717 East Coast Road NB Flyover - 2 East Coast Road (NB) - 3 Tung Fai Road £/8	1724 611924 818253 617024 81225 6 1724 611924 8181256 6172002 819343 0 1725 812098 21819343 0182208 1 819413 0 1726 81366 818327 8181576 4 818404 2 1727 811576 4 814464 2 8115057 191443 4	337 0.036 203 0.036 147 0.036 103 0.030 9 337 0.036 203 0.036 147 0.036 103 0.030 9 337 0.036 203 0.036 147 0.036 103 0.036 9 191 0.020 116 0.020 63 0.021 58 0.039 9 191 0.020 116 0.020 63 0.021 58 0.019	C1 0.010 155 0.020 100 0020 004 002	1304 0.038 1081 0.038 1116 0.039 1304 0.038 1081 0.038 1116 0.039 1304 0.038 1081 0.038 1116 0.039 1304 0.038 1081 0.038 1116 0.039 1304 0.038 1061 0.038 1116 0.039 1304 0.038 1061 0.038 1116 0.039 1304 0.038 1061 0.038 1116 0.039 1304 0.038 1061 0.038 1116 0.039 1304 0.038 1061 0.038 1016 0.039 140 0.033 1061 0.038 1016 0.039 140 0.033 1061 0.038 1016 0.039 150 0.033 1061 0.038 1016 0.039 140 0.023 631 0.023 632 0.023	1169 0.030 1232 0.038 1232 0.038	0.038 1063 0.039 1017 0.039 1148 0.039 13 0.038 1083 0.038 1017 0.039 1148 0.039 13 0.038 1083 0.038 1017 0.039 1146 0.039 13 0.038 1093 0.038 1017 0.039 1146 0.039 13 0.038 1093 0.038 1017 0.039 1146 0.039 13 0.038 1003 0.039 1017 0.039 1145 0.039 13 0.038 1003 0.039 1017 0.039 146 0.039 13 0.038 1003 0.022 1017 0.039 146 0.039 13 0.020 1148 0.039 13 0.039 134 0.039 13 0.022 118 0.039 13 0.037 13 145 0.037 13	0.029 1107 0.037 1051 0.037 1062 0.037 1060 0.036 1 0.039 1107 0.037 1061 0.037 1062 0.037 1063 0.036 1 0.038 1107 0.037 1051 0.037 1062 0.037 1640 0.037 763 0.036 1 0.038 1107 0.037 1051 0.027 1062 0.037 1640 0.037 763 0.036 5 0.023 627 0.263 0.037 1062 0.037 1640 0.037 763 0.036 5 0.023 627 0.263 0.037 1062 0.037 1640 0.037 783 0.036 5 0.022 624 0.020 620 0.037 1640 0.037 783 0.036
Tung Fai Road E/8 Tung Fai Road W/B 724 725	L728 811615 2 616506 6 811671.7 818488.5 L728 811670.9 818453.8 811613.4 61850.9 L730 611794 8 619532.8 611160.7 818373 5 L731 611800.7 816373.5 [811862.7 81284.7	5 33 0.027 18 0.026 12 0.021 10 0.071 5 33 0.007 18 0.026 12 0.021 10 0.027 5 33 0.016 20 0.019 15 0.018 10 0.017 8 20 0.025 11 0.026 0.016 4 0.014 7 20 0.025 11 0.026 6 0.016 4 0.014 7 20 0.025 11 0.028 6 0.016 4 0.014	61 0.019 155 0.020 139 0.020 664 0.021 11 0.029 27 0.029 664 0.021 110 0.021 111 0.021 121 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021 111 0.021<	77 0.036 61 0.033 64 0.03 77 0.036 61 0.033 64 0.035 77 0.036 61 0.055 77 0.	100 0.033 12.0 0.033 0.033 12.0 0.033 0.033 12.0 0.033 0.033 12.0 0.033 0.033 12.0 0.033 12.0 0.033 0.033 12.0 0.033 12.0 0.033 12.0 0.033 12.0 0.033 12.0 0.033 12.0 0.033 12.0 0.033 12.0 0.035 12.0 0.035 12.0 0.033 12.0 0.035 12.0 0.035 12.0 0.035 12.0 0.035 12.0 0.035 12.0 0.035 12.0 <	0 0	5 0.023 627 0.020 534 0.022 0.021 586 0.020 444 0.020 7 0.056 105 0.023 102 0.021 586 0.020 444 0.022 7 0.056 105 0.023 104 0.023 98 0.026 14 0.023 0.050 0.023 102 0.021 108 0.020 118 0.023 100 0.021 108 0.020 181 0.019 0.058 64 0.023 60 0.023 80 0.023 44 0.023 100 0.023 100 0.023 100 0.023 100 0.023 100 0.023 100 0.023 100 0.023 100 0.023 100 0.023 45 0.023 45 0.025 60 0.028 45 0.028 45 0.028 45 0.028 45 0.028 45 0.028 45 0.028 </td
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Buset/Cosches Loading Bay (InBaund) LB74 8/25091.3 (6):551.7 (6):2505.6 (6):0684.6 (7):06 10.6 24 2.955 24 3.565 24	82 24 3255 24 3555 24
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Cara-Vesis (httpand) L882 61/3243.6 61/3244.4 21/324.4 21/3244.4 21/3244.4 21/3244.4 21/3244.4 21/3244.4 21/3244.4 21/324.4 21/324.4 21/324.4 21/324.4 21/324.4 21/324.4 21/324.4 21/324.4 21/324.4 21	02 13 0000 13
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Goods Vahicles/ Container Trucks-Kosks (OutBound) L928 813718.2 819841.6 813722.3 819656 6 3.1 62 3.145 62 3.145 62 3.145 52 52 52 52 52 52 52 52 52 52 52 52 52	S Q 3145 42 3145
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Last-Addis (Cutesand) LS38 B13252.4 [61598111413278 [615980.3] 3 11 0.000 <t< td=""><td>0 11 0000 11 0</td></t<>	0 11 0000 11 0
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Cars-Kosts (Outtound) L950 813714.5 (619982.6) (613718.1 (819678.8 3 11 0.000 10 0.000 10 0.0	0 11 0000 11 0
Care-Kenska (CareBound) LIC2 (013/23) (013023) (013/23) (010073.5) 3 11 0.000 10 0.000 10 0.0	0 11 0000 11 0
Cara-Kenis (J.C.Bond) UE2 11/278 31 4660.4 (\$177.20 \$18475 \$] 1 0.000 11 <t< td=""><td>2 11 0000 11 0</td></t<>	2 11 0000 11 0
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Large (91,7/30-3) (19852.1 (91,7/20-3) (19852.1 (91,7/20-3) (19852.1 (91,7/20-3) (19852.1 (91,7/20-3) (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19767.3 (19852.1 (19852.1 (19767.3 (19852.1	
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Busel/Caches-Kosks (inflound) L964 (812558 7) 815949,4) 812554 7) (815935 9) 3.8 29 1.436 29 1.436 29 1.436 28 1.436 29	8 1436 23 1436 23 1636 23
Bused Coaches-Kosks (inBound) L566 812970.2 815045.0 812856.2 815042.5 3.9 2.9 1.436 2.9 1.43	1 2 1.056 2 <th1.056< th=""> 2 <th1.056< th=""></th1.056<></th1.056<>
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Udde#/Cokthes-Violats [OdlCond] L970 [513255.5] 5139517 [312325.5] 6139517 [312325.5] 613952 [3.8 24 1.435 24 1.435 24 1.436 24 1	12
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APPENDIX 5G

Vehicle Emission at Kiosks, Loading / Unloading Bays

Calculation of Idling Emission Rates

Road	Description	<u>X1</u> @>		X2	Y2 ⊛	Length		Traffic Flow	Nox			NOx *
Link No.	Buses/ Coaches Unloading Bay (InBound)	(m) 812957.4	(m) 820111.7	(m) 812991.1	(m) 820225.6	(m) 119	Bay/Kiosks 18	(veh/hr) 74	(g/hr) 160,3	(g/m/hr) 1,349	(g/mile/hr) 2171.14	(g/mile/veh) 29,317
L2 L3	Buses/ Coaches Unloading Bay (InBound)	813024.2	820208.6	812992.4	820100.8 820225.0	<u>112</u> 170	17 26	70 23	<u>151.4</u> 199.0	1.347	2166,58 1886,83	30.976 82.088
L3 L4	Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound)	813068.2 813153.0	820219.1	813101.1	820044.6	182	28	25	214.3	1,178	1894.89	76,550
	Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound)	813134.8 813221.4		813186.5 813169,4	820211,4 820024,5	182 182	28 28	25 25	214.3 214.3	1.175 1.175	1891.21 1891.22	76.401 76.402
	Buses/ Coaches Loading Bay (OutBound)	813256.6	820197.3	813204.9	820022.4	182	28	25	214.3	1.175	1890.21	76.361
L8 L9	Buses/ Coaches Loading Bay (InBound) Buses/ Coaches Loading Bay (InBound)	812869.7 812939.1	819694.6 819831.7		819839,1 819688,6	151 150	23 23	24 24	207.8 207.8	1,380 1.390	2219.84 2236.09	92.493 93.170
	Buses/ Coaches Loading Bay (inBound)	812930.3	819676.7	812973.0	819821.1	151	23	24	207.8	1.380	2219,84	92.493
L11 L12	Buses/ Coaches Loading Bay (inBound) Buses/ Coaches Loading Bay (inBound)	812956.2 812990.9	819670.7 819658.8		819813.8 819603.2	150 151	23 23	24 24	207.8 207.8	1,390	2236,09 2219.84	93.170
L13	Buses/ Coaches Loading Bay (InBound)	813020.3		813062.9	819794.6	151	23	24	207.8	1.380	2219.84	
L14 L15	Buses/ Coaches Unloading Bay (OutBound) Buses/ Coaches Unloading Bay (OutBound)	813107.5 813109.5	819762,0 819643.7	813072,8 813141.4	819649,5 819751.5	118 112	18	63 59	135.8 128.3	1.153 1.141	1855,93 1835,58	29.580 30.976
L16	Cars-Kiosks (inBound)	813238.0	819697.3	813238.7	819685.1	12	1	13	8.2	0,667	1073.85	82,220
L17 L18	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813243.6 813249.3		813244.4 813250.1	819685,4 819685.8	13 13		13 13	8.2 8.2	0.646 0.646	1039.05 1039.05	79.556 79.556
L19	Cars-Kiosks (InBound)	813255,0	819698.8	813255.8	819686.1	13	1	13	8.2	0,646	1039.05	79.556
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813260.7 813266.4	819699.1 819699.5	813261.5 813267.2	819686,5 819686,8	13 13	1	13 13	8.2 8.2	0.646	1039.05 1039.05	79.556 79,556
L22	Cars-Kiosks (InBound)	813272,1	819699,8	813272,9	819687.2	13	1	13	8.2	0.645	1039,13	79.562
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813277.8 813283.5	819700.2 819700.5	813278.5 813284.2	819687.5 819687.9	13 13		13 13	8,2 8.2	0.646	1039.05 1039.05	79,556 79,556
L25	Cars-Kiosks (inBound)	813289.1	819700.9	813289.9	819688.2	13	1	13	8.2	0.646	1039,04	79,555
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813294.8 813300.5	819701.2 819701.6		819688,6 819688,9	13 13	1	13 13	8.2 8.2	0.646 0.646	1039.05 1039.13	79.556 79.562
1.28	Cars-Kiosks (InBound)	813306.2	819701.9	813307.0	819689.3	13	1	13	8.2	0.646	1039,05	79,556
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813311.9 813317.6	819702.3 819702.6	813312.7 813318.4	819689.6 819690.0	13 13	. 1	13 13	8.2 8.2	0.646 0.646	1039.05 1039.05	79,556 79,556
L31	Cars-Kiesks (InBound)	813321.3	819870.3	813317.7	819858.1	13	1	13	8.2	0,646	1039.03	79.555
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813326.8 813332.3;	819868.7 819867.0	813323.2 813328.7	819856.5 819854.9	13 13	1	13 13	8.2 8.2	0,646 0,646	1039.03	79,555 79,561
L34	Cars-Kiosks (InBound)	813337.7	819865.4	813334.1	819853,3	13	1	13	8.2	0,646	1039.06	79.557
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813343.2 813348.7	819863.B 819862.2	813339.6 813345.1	819851.7 819850,0	13 13	1	13 13	8.2 8,2	0.646 0.646	1039.03 1039.06	79.555 79.557
L37	Cars-Kiosks (inBound)	813354.1	819860.6	813350.5	819848.4	13	1	13	8.2	0,646	1039.03	79.555
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813359.6 813365.1	819859,0 819857,4		819846.8 619845.2	13 13	1	13 13	8.2 8.2	0.646 0.646	1039,06 1039.03	79.557 79.555
L40	Cars-Kiosks (InBound)	813370,5	819855.7	813366.9	819843.6	13	1	13	8.2	0.645	1039,14	79,563
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813376.0 813381.5	819854.1 819852.5	813372.4 813377.9	819842.0 819840.4	13 13		13 13	8.2 8.2	0,646 0,646	1039.03	79,555 79,557
L43	Cars-Kiesks (InBound)	813386,9	819850,9	813383.3	819838.7	13	1	13	8.2	0.646	1039.03	79.555
	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813392.4 813397.9	819849.3 819847.7	813368.8 813394.3	819837.1 819835.5	13 13		13 13	8.2 8.2	0,646	1039.06 1039.03	79,557
L46	Cars-Kiosks (InBound)	813403.3	819845.0		819833.9	13		13	8.2 8.2	0.646	1039.11	79.561
	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813408.8 813414.3	819844.4 819842.8		819832.3 819830.7	13 13	1	13 13	8,2	0.646 0.646	1039.11 1039.03	79.561 79.555
	Goods Vehicles/ Container Trucks-Kosks (InBound) Goods Vehicles/ Container Trucks-Kosks (InBound)	813377.4 813383.3	819677.7 819676.0	813373.2 813379.1	819663.6 819661.9	15 15	1	68 68	54.7 54.7	3.731 3,730	6002,51 6002,00	88.111 88.104
	Goods Vehicles/ Container Trucks-Klosks (insound) Goods Vehicles/ Container Trucks-Klosks (inBound)	813389.2	819674.2	813385.0	B19660.1	15	1	68	54.7	3,730	6002.00	88,104
	Goods Vehicles/ Container Trucks-Kiosks (InBound) Goods Vehicles/ Container Trucks-Kiosks (InBound)	813395.4 813401.6	819672.4 819670.5		819658.3 819656.5	15 15		68 68	54.7 54.7	3.730 3.730	6002.11 6002.11	88,105 88,105
L54	Goods Vehicles/ Container Trucks-Klosks (InBound)	813407.9	819668.7	813403.7	819654.6	15	i	66	54.7	3,730	6002.00	88.104
	Goods Vehicles/ Container Trucks-Klosks (InBound) Goods Vehicles/ Container Trucks-Klosks (InBound)	813414.1 813419.7	819666.9 819665.2	813409.9 813415.5	819652.8 819651.1	15 15		68 68	54.7 54.7	3,730 3,730	6002.11 6002.00	88,105
L57	Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813682.1	819852.2	813686,3	819866,3	15	1	62	46.2	3.151	5069.74	82,102
	Goods Vehicles/ Container Trucks-Kiosks (OutBound) Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813687.7 813693.9	819850.6 819848.7	813691.8 813698.1	819864.6 819862.8	15 15		62 62	46.2 46.2	3,151 3,151	5069.51 5069.41	82,098
L60	Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813700,2	819846.9	813704.3	819861.0	15		62	46.2	3.151	5069,51	82.098
	Goods Vehicles/ Container Trucks-Kiosks (OutBound) Goods Vehicles/ Container Trucks-Kiosks (OutBound)		819845.0 819843.2		819859,1	15 15		62 62	46.2 46.2	3,151 3,151	5069,51 5069,51	82.098 82.098
L63	Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813718.2	819841.6	813722.3	819855.6 819853.8	15		62	46.2 46.2	3.151	5069.51	82,098
	Goods Vehicles/ Container Trucks-Kiosks (OutBound) Cars-Kiosks (OutBound)	813724.4 813783.8	819839.7 819815.3	813728.6 813783.1	819827.5	15 12		<u>62</u> 11	<u>40.∠</u> 5,4	3.151 0.440	5069.51 708.18	82.098 63.852
	Cars-Kiosks (OutBound)	813789.5 813795.2	819815.6 819816.0	813788.8 813794.5	819827.9 819828.2	12 12		11	. 5,4 5,4	0,440 0,440	708.18 708.12	63,852
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813800,9	819816.3	813800,2	819828.6	12	1	11	5.4	0.440	708,12	63.847 63.852
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813806.6 813812.3	819816.7 819817.0	813805.8 813811.5	819828.9 819829.3	12 12		11	5.4 5.4	0,440	708.18 706.18	63.852 63.852
	Cars-Klosks (OutBound) Cars-Kiosks (OutBound)	813818.0	819817.4	813817,2	819829.6	12	1 1	11	5.4	0.440	708,18	63,852
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813823.7 813829.4	819817.7 819818.1	813822.9 813828.6	819830.0 819830.3	12 12		11	5.4 5.4	0,440	708.12 708.18	63.847 63.852
L74	Cars-Kiosks (OutBound)	813835.0	819818.4	813834.3	819830.7	12	1	11	5.4	0.440	708,18	63.852
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813840.7 813846.4	819818.8 819819.2	813840,0 813845.7	819831.0 819831.4	12 12		11 11	5.4 5.4	0.440	708.18 708.18	63.852
L77	Cars-Kiosks (OutBound)	813852.1	819819.5	813851.4	819831.7	12	1	11	5.4	0.440	706.18	63,852
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813857.8 813863.5	819819.9 819820.2	813857.0 813862.7	819832.1 819832.4	12 12	1	11 11	5.4 5.4	0.440	708.12 708.18	63.847 63.852
180	Cars-Kiosks (OutBound)	813587.2	819674.7	813690.8	819686,9	13	1	11	5.4	0,426	685,22	61.782
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813692.7 813698.1	819673.1 819671.5	813696.2 813701.7	819685,2 819683,6	13 13	1	11 11	5.4 5.4	0.426	685.23 685.22	61.783 61.782
٤83 ا	Cars-Kiosks (OutBound)	813703,6	819669,9	813707.2	819682.0	13	1	11	5.4	0.426	685.23	61,783
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813709.1 813714.5	819668.2 819666.6	813712.6 813718.1	819680.4 819678.8	13 13		11 11	5.4 5.4	0.426	685.22 685,29	61.782 61,788
L86	Cars-Kiosks (OutBound)	813720.0	819665.0	813723.6	819677.2	13	1	11	5.4	0.426	685.27	61.787
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813725.5 813730.9	819663.4 819661.8	813729,0 813734.5	819675.5 819673.9	13 13	1	11 11	5.4 5,4	0.426	685.23 685.22	61.783 61.782
L89	Cars-Kiosks (OutBound)	813736,1	819660,3	813739,7	819672.4	13	1	11	5.4	0.426	685,22	61.782
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813741.9 813747.3	819658.5 819656.9	813745.4 813750.9	819670.7 819669.1	13 13	1	51 51	5.4 5.4	0.426	685.22 685.23	61.782 61.783
L92	Cars-Kiosks (OutBound)	813752.8	819655.3	813756.4	819667.5	13	1	11	5.4	0.426	685.27	61.787
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813758.3 813763.7	819653,7 819652.1	813761.8 813767.3	819665.9 819664.2	13 13	1	11 11	5.4 5.4	0.426	685.22 685.22	61.782 61.782
1,95	Cars-Kiosks (OutBound)	813769,2	819650,5	813772.8	819662,6	13		11	5.4	0,426	685.22	61.782
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813774.7 813780.1	819648.9 819647.2	813778.2 813783.7	819661.0 819659.4	13 13	1	51 t1	5.4 5.4	0.426 0.426	685.23 685.22	61.783 61.782
L98	Buses/ Coaches-Kiosks (InBound)	812852,9	819951.1	812849.0	819937.6	14	1	29	9.4	0.668	1074.67	37.315
	Buses/ Coaches-Kiosks (InBound) Buses/ Coaches-Kiosks (InBound)	812858.7 812864.4	819949.4 819947.7	812854.7 812860.5	819935.9 819934.2	14 14	1	29 29	9.4 9.4	0,668	1074.67	37.315 37.315
L101	Buses/ Coaches-Kiosks (InBound)	812870.2	819946.0	812866.2	819932.5	14	1	29	9.4	0,668	1074.60	37.312
L103	Buses/ Coaches-Klasks (inBound) Buses/ Coaches-Klasks (OutBound)	812875.9 813224.0	819944.3 819885.1	812872.0 813228.0	819930.8 819898.5	<u>14</u> 14	1	29 24	9.4	0.668	<u>1074.62</u> 910.42	<u>37.313</u> 37.312
L104	Buses/ Coaches-Klosks (OutBound) Buses/ Coaches-Klosks (OutBound)	813229.7 813235.5	819863.4 819881.7	813233.7 813239.5	819896.8 819895.1	14 14	1	24 24	7.9 7.9	0.566	910.49 910.49	37.315 37.315
		813235.5		813239.5 813245,2		14 14	1	24	7.9	0.566	910,49	37.315
	Buses/ Coaches-Kiosks (OutBound) Buses/ Coaches-Kiosks (OutBound)			B13251.0		14	i i	24	7,9	0.565	910,51	37,316

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Road	Description	<u> </u>	- YI	X2	Y2	Length	No. of	Traffic Flow	RSP			(g/milė/veh)
Link No.	Buses/ Coaches Unloading Bay (InBound)	(m) 812957.4	(m) 820111.7	812991.1	820225.6	38 (m) 119	Bay/Kiosks 18	74	<u>(g/hr)</u> 6.2	(g/m/hr). 0.052	83,55	1.128
12	Buses/ Coaches Unloading Bay (InBound)	813024,2	820208,6 820062.2	812992.4 813116.3	820100,8 820225.0	112 170	<u>17</u>		5,8	0.052	83.38 72.61	1.192 3.159
L3 L4	Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound)	813153.0	820219.1	813101.1	820044.6	182	28	25	8.2	0.045	72.92	2.946
L5	Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound)	813134.8 813221.4	820036.5 820199.2	813186.5 813169.4	820211.4 820024.5	182 182	28 28	25 25	8.2 8.2	0.045	72.78 72.78	2.940 2.940
16 L7	Buses/ Coaches Loading Bay (OutBound) Buses/ Coaches Loading Bay (OutBound)	813256.6	820197.3	813204.9	820022.4	182	28	25	8.2	0,045	72.74	2.939
18	Buses/ Coaches Loading Bay (InBound)	812869.7 812939.1	819694.6 819831.7	812912.3 812895.6	819839,1 819688,6	151 150	23 23	24 24	8.0 8.0	0.053	85.43 86.05	3,559 3,585
L9 L10	Buses/ Coaches Loading Bay (InBound) Buses/ Coaches Loading Bay (InBound)	812930.3	819676.7	812973.0	819821.1	151	23	24	8.0	0.053	85.43	3.559
L11	Buses/ Coaches Loading Bay (InBound)	812956.2 812990.9	819670.7 819658.8	812999.7 813033.6	819813.8 819803.2	150 151	23 23	24 24	8,0 8.0	0.053	86.05 85.43	3,585
L12 L13	Buses/ Coaches Loading Bay (InBound) Buses/ Coaches Loading Bay (InBound)	813020.3	819650.1	813062.9	819794.6	151	23	24	8.0	0.053	85.43	3,559
L14	Buses/ Coaches Unloading Bay (OutBound) Buses/ Coaches Unloading Bay (OutBound)	813107.5 813109.5	819762.0 819643.7	813072.8 813141.4	819649.5 819751.5	118 112	18 17	63 59	5,2 4,9	0.044	71.42 70.64	1.138 1.192
L15 L16	Cars-Kiosks (InBound)	813238.0	819697.3	813238,7	819685.1	12	1	13	0,0	0.000	0,00	0.000
L17	Cars-Kiosks (InBound)	813243.6 813249.3	819698.1 819698.4	813244.4 813250.1	819685.4 819685.8	13 13	1	13 13	0,0 0,0	0.000	0,00 0.00	0.000 0.000
L18 L19	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813255.0	819698.8	813255.8	819686.1	13	1	13	0.0	0.000	0.00	0,000
L20	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813260.7 813266.4	819699.1 819699.5	813261.5 813267.2	819686.5 819686.8	13 13	1	13 13	0.0	0.000	0,00 0.00	0.000 0.000
L21 L22	Cars-Klosks (inBound) Cars-Klosks (inBound)	813272.1	819699,8	813272.9	819687.2	13	1	13	0.0	0.000	0.00	0,000
L23	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813277.8 813283.5	819700.2 819700.5	813278.5 813284.2	819687.5 819687.9	13 13	1	13 13	0.0	0.000	0.00 0.00	0.000
L24 L25	Cars-Kiosks (InBound)	813289.1	819700.9	813289.9	819688.2	13	1	13	0,0	0.000	0.00	0.000
L26	Cars-Kiosks (InBound)	813294.8 813300.5	819701.2 819701.6	813295.6 813301.3	819688,6 819688,9	13 13	1	13 13	0,0	0.000	0.00 0.00	0,000 0,000
L27 L28	Cars-Kiosks (inBound) Cars-Kiosks (InBound)	813306.2	819701.9	813307.0	819689.3	13	1	13	0,0	0.000	0.00	0.000
L29	Cars-Kiosks (InBound)	813311.9 813317.6	819702.3 819702.6	813312,7 813318,4	819689.6 819690.0	13 13	1	13 13	0.0 0.0	0.000	0.00 0.00	0.000 0.000
L30 L31	Cars-Klosks (InBound) Cars-Klosks (InBound)	813321.3	819870.3	813317.7	819858.1	13	1	13	0,0	0.000	0,00	0,000
L32	Cars-Kiosks (inBound)	813326.8 813332.3	819866.7 819867.0	813323.2 813328.7	819855.5 819854,9	13 13	1	13 13	0,0 0,0	0.000	0.00 0.00	0.000
L33 L34	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813337.7	819865.4	813334.1	819853.3	13	1	13	0.0	0.000	0.00	0.000
L35	Cars-Kiosks (InBound)	813343.2 813348.7	819863.8 819862.2	813339.6 813345.1	819851,7 819850.0	13 13	1	13 13	0,0 0,0	0,000	0.00 0.00	0,000 0,000
L36 L37	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813354.1	819860.6	813350.5	819848,4	13	1	13	0,0	0.000	0.00	0.000
L38	Cars-Kiosks (InBound)	813359.6 813365.1	819859.0 819857.4	813356.0 813361.5	819846.8 819845.2	13 13	1	t3 13	0.0 0,0	0.000	0.00	0.000
L39 L40	Cars-Kiosks (InBound) Cars-Kiosks (InBound)	813370.5	819855.7	813366.9	819843.6	13	1	13	0,0	0.000	0,00	0.000
L41	Cars-Kosks (inBound)	813375.0 813381.5	819854.1 819852.5	813372.4 813377.9	819842,0 819840,4	13 13	1	13 13	0,0 0.0	0.000	0,00 0.00	0,000 0,000
L42 L43	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813385.9	819850.9	813383,3	819838.7	13	1	13	0,0	0.000	0,00	0.000
L44	Cars-Kiosks (InBound)	813392.4 813397.9	819849.3 819847.7	813388.8 813394.3	819837.1 819835.5	13 13	1	13 13	0.0 0.0	0,000	0.00 0,00	0.000
L45 L46	Cars-Kiosks (inBound) Cars-Kiosks (inBound)	813403.3	819846.0	813399.7	819833.9	13	1	13	0,0	0.000	0.00	0.000
L47	Cars-Kosks (InBound)	813408.8 813414.3	819844.4 819842.8	813405.2 813410.7	819832.3 819830.7	13 13	1	13 13	0.0 0,0	0.000	0.00 0.00	0.000 0.000
L48 L49	Cars-Kiosks (inBound) Goods Vehicles/ Container Trucks-Kiosks (inBound)	813377.4	819677.7	813373.2	819663.6	15	1	68	2.1	0,143	229.94	3.375
L50	Goods Vehicles/ Container Trucks-Kiosks (InBound) Goods Vehicles/ Container Trucks-Kiosks (InBound)	813363.3 813389.2	819676.0 819674.2	813379.1 813385.0	819661.9 819660.1	15 15	1	68 68	2.1 2.1	0.143	229,92 229,92	3.375 3.375
L51 L52	Goods Vehicles/ Container Trucks-Kiosks (InBound)	813395.4	819672.4	813391.2	819658.3	15	1	68	2.1	0,143	229.93	3.375
L53 L54	Goods Vehicles/ Container Trucks-Kiosks (InBound) Goods Vehicles/ Container Trucks-Kiosks (InBound)	813401.6 813407.9	819670.5 819668.7	813397.5 813403.7	819656,5 819654,6	15 15	1	68 68	2,1 2.1	0.143	229.93 229.92	3,375 3,375
L54 L55	Goods Vehicles/ Container Trucks-Klosks (InBound)	813414.1	819666.9	813409.9	819652.8	15	1	68	2.1	0,143	229.93	3.375
<u>1.56</u> 1.57	Goods Vehicles/ Container Trucks-Kiosks (InBound) Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813419.7	819665.2 819852.2	813415.5	819651.1 819866.3	<u>15</u> 15	1	68 62	<u>2.1</u> 1.8	0.143	229.92 194.21	3.375 3.145
L57	Goods Vehicles/ Container Trucks-Kosks (OutBound)	813687.7	819850.6	813691.8	819864.6	15	1	62	1.8	0.121	194.20	3.145
L59 L60	Goods Vehicles/ Container Trucks-Kiosks (OutBound) Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813693.9 813700.2	619848.7 819846.9	813698.1 813704.3	819862.8 819861.0	15 15	1	62 62	1.8 1.8	0.121	194.20 194.20	3,145 3,145-
L61	Goods Vehicles/ Container Trucks-Klosks (OutBound)	813706.4	819845.0	813710,5	819859.1	15	1	62	1.8	0.121	194.20	3,145
1.62 1.63	Goods Vehicles/ Container Trucks-Kiosks (OutBound) Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813712.6 813718.2	819843.2 819841.6	813716.8 813722.3	819857.3 819855.6	15 15	1	62 62	1.8 1.8	0.121	194.20 194.20	3,145 3,145
164	Goods Vehicles/ Container Trucks-Kiosks (OutBound)	813724.4	819839.7	813728.6	819853.8	15		62	1.8	0.121	194.20 0,00	3.145
1,65 1,66	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813783.8 813789.5	819815.3 819815.6	813783.1 813788.8	819827.5 819827.9	12 12	1	11 11	0.0 0.0	0.000	0,00	0.000
L67	Cars-Kiosks (OutBound)	813795.2	819816.0	813794.5	819828.2	12	1	11	0.0 0.0	0.000	0.00 0.00	0.000 0.000
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813800.9 813806.6	819816.3 819816.7	813800.2 813805.8	819828.6 819828.9	12 12	1	11 11	0,0	0.000	0,00	0.000
L70	Cars-Kiesks (OutBound)	813812.3	819817.0	813811.5 813617.2	819829.3 819829.6	12 12	1	11 11	0.0 0.0	0.000	0.00	0.000 0.000
L71 L72	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813818.0 813823.7	819817.4 819817.7	813822.9	819830.0	12	1	11	0,0	0.000	0,00	0.000
L73	Cars-Klosks (OutBound)	813829.4 813835.0	819818.1 819818.4	813828.6 813834,3	819830.3 819830.7	12 12	1	11 11	0.0 0.0	0.000	0.00 0.00	0.000 0.000
L74 L75	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813840.7	819818.6	813840.0	819831.0	12	1	11	0.0	0.000	0.00	0.000
L76 L77	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813846.4 813852.1	819819.2 819819.5	813845,7 813851,4	819831.4 819831.7	12 12	1	11 11	0.0 0.0	0.000	0.00 0.00	0,000 0,000
L78	Cars-Kiosks (OutBound)	813857.8	819819.9	813857.0	819832.1	12	1	11	0,0	0,000	0.00	0.000
L79 L80	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813863.5 813687.2	819820.2 819674.7	813852.7 813690.8	819832.4 819686.9	12 13	1	11 11	0.0 0.0	0,000	0,00 0.00	0.000
L80 L81	Cars-Klosks (OutBound) Cars-Klosks (OutBound)	813692.7	819673.1	813696.2	819685.2	13	1	11	0.0	0.000	0.00	0.000
L82 L83	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813698.1 813703.6	819671.5	813701,7 813707.2	819683.6 819682.0	13 13	1	11 11	0.0 0.0	0,000	0.00 0.00	0.000
L84	Cars-Kiesks (OutBound)	813709.1	819668.2	813712,6	819680.4	13	1	11	0.0	0,000	0.00	0.000
L85 L86	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813714.5 813720.0	819665.0	813718.1 813723.6	819678.8 819677.2	13 13	1	11 11	0.0 0.0	0.000	0.00	0.000
L87	Cars-Kicsks (OutBound)	813725.5	819663.4	813729,0	819675.5	13	1	11	0,0	0,000	0.00	0.000
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813730.9 813736.1	819661.8 819660.3	813734.5 813739.7	819673.9 819672.4	13 13	1	11 11	0.0 0.0	0.000	0,00 0.00	0.000
190	Cars-Kiesks (OutBound)	813741.9	819658.5	813745.4	819670.7	13	1	11	0,0	0.000	0.00	0.000
	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813747.3 813752.8	819656.9 819655.3	813750,9 813756,4	819669.1 819667.5	13 13	1	11	0.0 0,0	0,000	0,00 0.00	0.000
L93	Cars-Kiosks (OutBound)	813758.3	819653.7	813761.8	819665,9	13	1	11	0,0	0.000	0,00	0.000
L94	Cars-Kiosks (OutBound) Cars-Kiosks (OutBound)	813763.7 813769.2	819652.1 819650.5	813767.3 813772.8	819664.2 819662.6	13 13	1	11 11	0.0 0.0	0,000	0,00	0,000 0.000
L.96	Cars-Klosks (OutBound)	813774.7	819648.9	813778.2	819661.0	13	1	11	0.0	0.000	0,00	0.000
L97	Cars-Kiosks (OutBound)	813780.1 812852.9	819647.2	813783.7 812849.0	819659.4 819937.6	13 14	11	<u>11</u>	0.0	0.000	0.00 41.36	0.000
	Buses/ Coaches-Kiosks (InBound) Buses/ Coaches-Kiosks (InBound)	812858.7	819949.4	812854.7	819935,9	14	1	29	0.4	0.026	41.36	1.436
L100	Buses/ Coaches-Kiosks (InBound)	812864.4 812870.2	819947.7	812860,5 812866.2	819934.2 819932.5	14 14	1	29 29	0.4 0.4	0.026	41.36 41.35	1.436 1.436
	Buses/ Coaches-Kiosks (inBound) Buses/ Coaches-Kiosks (inBound)	812875,9	819944.3	812872.0	819930.8	14	1	29	0.4	0.026	41.35	1.436
L103	Buses/ Coaches-Kiosks (OutBound)	813224.0 813229.7	819885.1 819883.4	813228.0 813233.7	819898.5 819896.8	14 14	1	24 24	0,3 0.3	0.022	35.04 35.04	1.436 1.436
	Buses/ Coaches-Kiosks (OutBound) Buses/ Coaches-Kiosks (OutBound)	813235.5	819881.7	813239.5	819895.1	14	1	24	0,3	0.022	35.04	1.435
L106	Buses/ Coaches-Klosks (OutBound) Buses/ Coaches-Klosks (OutBound)			813245.2 813251.0		14 14	1	24 24	0.3 0.3	0.022	35.04 35.04	1.436 1.436
L107]	Diaga, Podrilas-Ulozys (Adronald)	-,,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-		+		• •	المستحسب	<u></u>		ا		

APPENDIX 5H

Vehicle Emission Factors for TMCLKL

Emission Factors of RSP (g/mile/veh) for Each Hours of Trunk Road with Speed Limit of 80

the second se				PLB	LGV6	HGV7	HGV8	FBDD	MC	Havi	lov a				_	
Hr1	0.003717	0.066253	0.049687	0	0.048241	0.064803					PV4	PV5	NFB6	NFB7	NFB8	FBSD
Hr2	0.003741	0	0.04972	0	0.048341	0.06484					0	0	0.03632	0.056419	0.052808	0
Hr3	0.003708	×.	0.049583	Ō		0.06471	0.058548		01010100			0	0.036548	0.056346	0.052808	0
Hr4	0.003713	0	0.048394	0	0.04715						- · · ·	0	0.036042	0.056109	0.052492	0
Hr5	0.00361	0	0_047106	0	0.04564							0	0.03622	0.056153	0.052631	0
Hr6	0.003666	0	0.046899	Ó	0.045738						· · · · · · · · · · · · · · · · · · ·	0	0.036099	0.056205	0.05308	0
Hr7	0.003731	0.066253	0.049471	0	0.048196						*	0	0.036807	0.057142	0.051903	0
Hr8	0.003711	0.064014	0.049578	0	0.048072	0.064813						0	0.036497		0.052754	0
Hr9	0.004171	0.070666	0.053829	0	0.052438	0.07022	0.063355						0.036488		0.052499	0
Hr10	0.004245			0	0.054132	0.072461	0.065446				0.041581				0.058761	0.04214
Hr11	0.004246			0	0.054215						0.041581	0.103915	010 11 100		0.059742	0.044056
Hr12 Hr13	0.004238	0.071982	0.056055	0	0.054349	0.072562		0.039649					0.041389	0.064227	0.059546	0.044056
	0.004233	0.071982	0.055947	0	0.05449	0.072575					0.04214			0.063928	0.059602	0.044056
Hr14	0.004207	0.069542	0.055854	Ō	0.054301	0.072465		0.039522			0.04214	0.105204			0.059602	0.044056
Hr15	0.003957	0.066679	0.053517	0	0.05198	0.069375									0.059194	0.044056
Hr16 Hr17	0.004176	0.072351	0.056268	0	0.054777	0.072963	0.065891	0.039656	0.011000					0.060383	0.056201	0.040225
Hr18	0.003951	0.067042	0.053424	0	0.051945	0.069477	0.062753			0.022881		0.105204		0.062887	0.058859	0.044056
Hr19	0.003857		0.051917	Ó	0.050423	0.067359			0.042109		0.041256		0.03887	0.060424	0.05612	0.040225
Hr20	0.003858		0.051882	0	0.0505	0.06737	0.060884		0.041934			0.104112		0.058592	0.054572	0.040225
Hr21	0.003865		0.051873	0	0.050456	0.067387	0.060889		0.04175		0.038038	0.104112		0.05886	0.05466	0.040225
Hr22	0.003854	0.064979	0.051863	0	0.050323	0.067419	0.060858	0.036609	0.042065		0	0	0.037695		0.054598	0.040225
Hr23	0.003843		0.051812	0	0.05034	0.067379	0.060847	0.036609	0.041645		0	0	0.037745	0.058631	0.054304	0.03218
Hr24	0.003969		0.053491	0	0.051899	0.069515	0.062815	0.037824	0.04075	0.02294	0	0	0.037714	0.058509	0.054157	0.03218
Daily		0.068073	0.05355	0	0.051903		0.062814	0.037883		0.022949		0	0.039073		0.056298	
a suly	0.004017	0.068731	0,053404	0	0.051907	0.069467	0.062746			0.023236		0 102054	0.039086	0.060504		
								·			0.041100	0.103954	0.039286	0.060995	0.056733	0.041705

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Emission Factors of NO_x (g/mile/veh) for Each Hours of Trunk Road with Speed Limit of 80 Emission Factors (PC-p |LGV3 |LGV4 |PLB |LGV6 |HGV7 |HGV8

Emission Factors	РС-р	LGV3	LGV4	PLB	LGV6	HGV7	HGV8	FBDD	MC		1					
Hr1	0.103299		0.243776	0	1.407947					taxi	PV4	PV5	NFB6	NFB7	NFB8	FBSD
Hr2	0.10319		0.243997	0	1.407522							0	1.361792	2.490293	3.265857	
Hr3	0.103153	0	0.243649	0	1.406405	1					×	. 0	1.361187			
Hr4	0.103181	Ō	0.250657	0	1.442796							0	1.36057	2.487762		
Hr5	0.102891	0	0.257758	0		2.517269						0	1.362426	2.49125		
Hr6	0.103261	0	0.258306	Ō		2.521099		2.005702			, , , , , , , , , , , , , , , , , , ,	0	1.363524			
Hr7	0.104422	0.24135	0.245944		1 419924	2.525155						0	1.366073			
Hr8	0.104676	0.245675		ň	1.418027	2.526357		2.012275	1.161004			0	1.368435			
Hr9	0.108471	0.24135		<u>0</u>		2.482916	3.281393	2.013112	1.163843	0.273572	0.09654	0	1.369044		3.283138	
Hr10	0.109397	0.239176	0.23816				3.225545 3.182193	1.9/1814		0.283551			1.337279	2.4463		1.50748
Hr11	0.109592	0.239176	0.237865	0	1.372013						0.095817		1.325036	2.42427	3.177299	
Hr12	0.109586	0.239233	0.236838	0	1.365729						0.095774			2.42365	3.180752	
Hr13	0.10978	0.239233	0.23695	0	1.364385					0.286499		0.174805	1.324684		3.17656	1.474917
Hr14	0.10983	0.242714		ő	1.366385		3.178281	1.934538		0.286997	0.095774	0,173277				
Hr15	0.107703	0.242075	0.237493	0	1.369375	2.451897					0.095817	0.173277				
-ir16	0.109022				1.359328	2.438038			1.109583			0.17534				1.476832
<u>-Ir17</u>	0.107159		0.237624		1.368946					0.284909		0.173277			3.169317	1.471086
-lr18	0.105935		0.239953		1.383627	2.446708	3.177867		1.104135	0.280074	0.09489	0			3.181019	
-lr19	0.105349		0.239781	0	1.381641	2.480307	3.221223		1.120094	0.276854				2.457215		1.509395
-lr20	0.104824		0.239952	ő	1.38195		3.216928				0.094321	0.170365				1.50748
łr21	0.104657	0.242897	0.239845	ő			3.213551 3.213965	1.967423			0	0			3.216192	1.505564
lr22	0.104686	0.242897	0.240028	0			3.213965			0.273505		0		2.450713	3,222023	1.54464
1723	0.105557	0.239803	0.236743	0	1.365112	2.43853	3.16742			0.273554		0		2.454103	3,224279	1.54464
r24	0.105457	0.239803	0.236406	0		2.437176		1.928999		0.275895	0	0	1.321665	2.417499	3.169364	1.471086
Daily	0.107107	0.241312	0.239277	0	1.379463					0.275647	0	0	1.320852	2.415495	3.167698	1.46917
				<u>~</u> [2.704472	3.2010/2	1.953658	1.114616	0.279951	0.095786	0.173525	1.334926	2,440384	3.201714	1.484827
															5	1 404027

APPENDIX 5I

Tunnel Emission Calculations

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Project:	HKBCF / HKLR EIA
Title:	Calculations of Portal Emission and Emission from Ventilation Buildings
Year:	2031
Date:	22-Jul-09
Parameter:	Nox emission during peak hour

Tunnel	Direction	Tunnel Length	Tunnel Length	Traffic Flow	Emission Factor	Total Emission	Total Emission	to Vent Bid	to each Portal	first 50m (each)	2nd 50m (each)	Remark
	:	(m)	(mile)	(veh/hr)	(g/mile-veh)	(g/hr)	(g/s)	(g/s)	(g/s)			
HKLR (EB)	EB	1110	0.690	1121	1,926	1489.460	0.414		0.124	0.01655	0.00827	
HKLR (WB)	WB	1110	0.690	982	1,961	1328.483	0.369	_	0.111	0.01476	0.00738	
Ventilation Bld_HKLR	-	-	-		_	-	0.000	0.548	0.111	0.01470		
BCF HK Tunnel	SB	882	0.548	344	0.502	94.662	0.026			-		70% to vent buildings
HZMB-Main Bridge (Eastern)	EB	7000	4.351	1121	1.926	9392.991	2,609		0.026	0.00351	0.00175	Jet fan 100%
HZMB-Main Bridge (Western)	WB	7000	4.351	982	1.961	8377.821	2.009	-	0.783	0.10437	0.05218	
HZMB-Main Bridge Vent Bld (Eastern)	-				1.001	0077.021		-	0.698	0.09309	0.04654	
HZMB-Main Bridge Vent Bld (Western)	-	_	_	-	-	-	-	1.728	-	-		70% to vent buildings
TMCLKL (SB)	SB					<u> </u>	-	1.728	-	-	-	50%/50% split into 2 vent buildings
Ventilation Bld TMCLKL		-	-	- 1	-	-	-	-	-	0.05170	0.02580	Provided by TMCLKL's Consultant
		-	•	•	-	-	-	2.790	-	-	-	

Project:	HKBCF / HKLR EIA
Title:	Calculations of Portal Emission and Emission from Ventilation Buildings
Year:	2031
Date:	22-Jul-09
Parameter:	RSP emission during peak hour

Tunnel	Direction	Tunnel Length	Tunnei Length	Traffic Flow	Emission Factor	Total Emission	Total Emission	to Vent Bid	to each Portal	first 50m (each)	2nd 50m (each)	Remark
		(m)	(mile)	(veh/hr)	(g/mile-veh)	(g/hr)	(g/s)	(g/s)	(g/s)			
HKLR (EB)	EB	1110	0.690	1121	0.034	26.294	0.007	-	0.002	0.00029	0.00015	
HKLR (WB)	WB	1110	0,690	982	0.035	23.711	0.007	-	0.002	0.00026	0.00013	
Ventilation Bld_HKLR	-	-	-	-	-	-	-	0.010	-	-	-	70% to vent buildings
BCF HK Tunnel	SB	882	0.548	344	0.027	5.091	0.001	-	0.001	0.00019	0.00009	Jet fan 100%
HZMB-Main Bridge (Eastern)	EB	7000	4.351	1121	0.034	165.816	0.046	-	0.014	0.00184	0.00092	
HZMB-Main Bridge (Western)	WB	7000	4.351	982	0.035	149.528	0.042	_	0.012	0.00166	0.00083	
HZMB-Main Bridge Vent Bid (Eastern)	-	- 1	-	-	-	-	-	0.031	-	-		70% to vent buildings
HZMB-Main Bridge Vent Bid (Western)	-	-	-	-	-	-	-	0.031	-	-		50%/50% split into 2 vent buildings
TMCLKL (SB)	SB	-	-	-	-	-	-	-	_	0.00170		Provided by TMCLKL's Consultant
Ventilation Bid_TMCLKL	-	-	-	-	-	-	-	0.090	-	-		i fornada by fimoEnces oblisariant

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APPENDIX 5J

Cumulative Air Quality Impacts Grid 7_22

ASR Ref in ModelASR IDDescriptionXYASR 1A99Sham Wat House No. 30806423.9814974.1

Grid 8_23

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A97	San Shek Wan	807086.9	815893.8
ASR 2	A98	Sham Wat House No. 39	806750.0	815223.2

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Grid 8_24

ASR Ref in Model	ASR ID	Description	Х	Y
ASR 1	A93	Sha Lo Wan House No. 1	808151.3	817083.9
ASR 2	A94	Sha Lo Wan House No. 5	808063.6	816855.2
ASR 3	A95	Sha Lo Wan House No. 9	807864.3	816721.0
ASR 4	A96	Tin Hau Temple at Sha Lo Wan	807763.9	816772.2

Grid 9_24

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A89	Government Flying Services Headquarters	808805.5	817481.3
ASR 2	A105	Hong Kong Business Aviation Centre	809063.1	817459.5
ASR 3	A106	DHL Central Asia Hub	809409.1	817546.7

Grid 10_23

ASR Ref in Model	ASR ID	Description	Х	Y
ASR 1	P7	Tung Chung West Development	810606.4	816208.6
ASR 2	P8	Tung Chung West Development	810721.6	816411.5

Grid 10_24

ASR Ref in Model	ASR ID	Description	Х	Y
ASR 1	A67	Aviation Security Company Limited	810690.8	817066.5
ASR 2	A68	Tradeport Logistics Centre	811031.8	817451.5
ASR 3	A90	Tin Sum	809900.3	816812.5
ASR 4	A91	Kau Liu	809767.2	816768.7
ASR 5	A92	San Tau	809948.1	816617.4

Grid 10_25

ASR Ref in ModelASR IDDescriptionXYASR 1A78Gate Gourmet Catering Building811029.6818336.0

Grid

11_23

ASR Ref in Model	ASR ID	Description	Х	Y
ASR 1	A51	Yu Tung Court - Hor Tung House	812192.8	816401.5
ASR 2	A59	Ma Wan Chung	811320.8	816378.5
ASR 3	A60	Yat Tung Estate - Shun Yat House	811477.0	816119.3
ASR 4	A61	Yat Tung Estate - Mei Yat House	811675.9	815882.0
ASR 5	A62	Yat Tung Estate - Hong Yat House	811654.2	815754.3
ASR 6	A63	Yat Tung Estate - Ping Yat House	811475.6	815685.2
ASR 7	A64	Yat Tung Estate - Fuk Yat House	811299.9	815648.4
ASR 8	A65	Yat Tung Estate - Ying Yat House	811286.9	815772.8
ASR 9	A66	Yat Tung Estate - Sui Yat House	811307.5	816050.8

Grid

11_24

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A19	Coastal Skyline Block 5 - NLH Facade	812437.5	816918.6
ASR 2	A20	Coastal Skyline Block 5 - HKLR Facade	812439.3	816948.8
ASR 3	A21	La Rossa B - NLH Facade	812328.3	816934.8
ASR 4	A22	La Rossa B - HKLR Facade	812334.3	816963.7
ASR 5	A23	LeBleu No.1	812344.0	817041.4
ASR 6	A24	LeBleu No.31	812418.3	817105.2
ASR 7	A26	LeBleu No.2	812381.6	817025.2
ASR 8	A27	LeBleu No.22	812439.3	817069.2
ASR 9	A29	LeBleu Deux	812228.4	817073.3
ASR 10	A30	LeBleu Deux	812236.0	817148.2
ASR 11	A31	LeBleu Deux	812314.5	817158.2
ASR 12	A32	LeBleu Deux	812408.6	817170.1
ASR 13	A33	Seaview Crescent Block 5 - NLH Facade	812161.0	816991.5
ASR 14	A34	Seaview Crescent Block 5 - HKLR Facade	812171.2	817018.7
ASR 15	A35	Seaview Crescent Block 3 - NLH Facade	812062.2	817067.2
ASR 16	A36	Seaview Crescent Block 3 - HKLR Facade	812078.0	817072.8
ASR 17	A37	Seaview Crescent Block 1 - NLH Facade	811995.8	817096.3
ASR 18	A38	Seaview Crescent Block 1 - HKLR Facade	812013.9	817120.7
ASR 19	A39	Ling Liang Church E Wun Sccondary School	812336.6	816816.4
ASR 20	A40	Ling Liang Church Sau Tak Primary School	812427.7	816809.4
ASR 21	A41	One Citygate	811973.3	816816.5
ASR 22	A42	One Citygate Bridge	812029.9	816826.6
ASR 23	A43	Fu Tung Shopping Centre	812125.8	816722.7
ASR 24	A44	Tung Chung Health Centre	812235.9	816690.5
ASR 25	A45	Ching Chung Hau Po Woon Primary School	812250.3	816660.8
ASR 26	A46	Po On Commercial Assoication Wan Ho Kan Primary School	812207.6	816634.4
ASR 27	A47	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	812288.5	816508.7
ASR 28	A48	Wong Cho Bau Secondary School	812352.4	816575.0
ASR 29	A49	Tung Chung Wan Telephone Exchange	812355.7	816690.1
ASR 30	A50	Yu Tung Court - Hei Tung House	812204.6	816472.1
ASR 31	A52	Fu Tung Estate - Tung Ma House	812063.2	816593.0
ASR 32	A53	Fu Tung Estate - Tung Shing House	811995.3	
ASR 33	A54	Tung Chung Crescent Block 1	811920.2	816519.9

ASR Ref in Model	ASR ID	Description	n X	Y
ASR 34	A55	Tung Chung Crescent Block 3	811936.0	816621.3
ASR 35	A56	Tung Chung Crescent Block 5	811872.0	816690.4
ASR 36	A57	Tung Chung Crescent Block 7	811777.0	816694.8
ASR 37	A58	Tung Chung Crescent Block 9	811711.0	816626.1
ASR 38	A69	Tradeport Logistics Centre	811106.1	817513.5
ASR 39	A70	Cathay Pacific City	811287.2	817594.2
ASR 40	A71	Cathay Pacific City	811287.6	817756.1
ASR 41	A100	Man Tung Road Park	811905.5	817023.6
ASR 42	A101	Novotel Citygate Hong Kong	812089.6	816905.3
ASR 43	P3	Planned Park near One Citygate	811806.2	816944.7
ASR 44	P4	Planned Community Hall and Library	812263.1	816837.6
ASR 45	P9	Tung Chung West Development	811056.5	816536.1
ASR 46	P10	Tung Chung West Development	811277.9	816674.8
ASR 47	P11	Tung Chung West Development	811464.2	816825.3

Grid 11_25

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A72	Chek Lap Kok Fire Station	811283.1	817931.8
ASR 2	A73	LSG Sky Chefs	811094.8	818050.0
ASR 3	A74	LSG Sky Chefs	811115.4	818125.6
ASR 4	A75	Cathay Pacific Catering Services	811265.4	818232.9
ASR 5	A76	Cathay Pacific Catering Services	811297.4	818334.2
ASR 6	A77	Airport Police Station	811114.1	818195.6
ASR 7	A79	CNAC Tower	811691.2	818235.0
ASR 8	A80	Dragonair Tower	811785.8	818290.8
ASR 9	P12	Planned CAD Headquarters Site (F	811824.1	818457.5
ASR 10	P13	Planned CAD Headquarters Site (5	811819.6	818455.4

Grid 11_26

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A81	Regal Airport Hotel	811332.9	820016.4
ASR 2	A82	SkyCity Nine Eagles Golf Course	812111.5	819628.3
ASR 3	A83	SkyCity Nine Eagles Golf Course	812183.2	819796.5
ASR 4	A84	SkyCity Nine Eagles Golf Course	812142.3	819988.4
ASR 5	A85	Hong Kong SkyCity Marriott Hotel	812227.8	819992.0
ASR 6	A86	Hong Kong SkyCity Marriott Hotel	812272.6	820069.9
ASR 7	A87	AsiaWorld-Expo	812398.5	820276.6
ASR 8	A88	AsiaWorld-Expo	812447.3	820389.2
ASR 9	A102	Terminal 2 Sky Plaza	811708.1	819748.3
ASR 10	A103	SkyCity Nine Eagles Golf Course	811878.1	819854.9
ASR 11	A104	SkyCity Nine Eagles Golf Course	811950.6	819660.2

Grid

12_24

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	A1	Caribbean Coast Block 1 - NLH Facade	813097.7	817252.3
ASR 2	A2	Caribbean Coast Block 1 - BCF Facade	813069.8	817267.9
ASR 3	A3	Caribbean Coast Block 5 - NLH Facade	813027.2	817153.8
ASR 4	A4	Caribbean Coast Block 5 - BCF Facade	813002.9	817174.1
ASR 5	A5	Caribbean Coast Block 6 - NLH Facade	812951.7	817074.6
ASR 6	A6	Caribbean Coast Block 6 - BCF Facade	812931.2	817098.6
ASR 7	A7	Caribbean Coast Block 9 - NLH Facade	812850.8	817007.4
ASR 8	A8	Caribbean Coast Block 9 - BCF Facade	812836.1	817033.7
ASR 9	A9	Caribbean Coast Block 11 - NLH Facade	812777.9	816972.8
ASR 10	A10	Caribbean Coast Block 11 - BCF Facade	812767.0	817000.4
ASR 11	A11	Caribbean Coast Block 16 - NLH Facade	812662.6	816937.6
ASR 12	A12	Caribbean Coast Block 16 - BCF Facade	812656.0	816968.1
ASR 13	A13	Caribbean Coast (Phase 5)	812646.8	817136.5
ASR 14	A14	Caribbean Coast (Phase 5)	812753.8	817156.2
ASR 15	A15	Ho Yu College	812809.8	817242.1
ASR 16	A16	Ho Yu Primary School	812923.1	817227.5
ASR 17	A17	Coastal Skyline Block 1 - NLH Facade	812555.0	816918.3
ASR 18	A18	Coastal Skyline Block 1 - HKLR Facade	812550.8	816944.2
ASR 19	A25	LeBleu No.99	812523.5	817123.8
ASR 20	A28	LeBleu No.88	812518.8	817068.0
ASR 21	P1	Tung Chung East Development	812656.7	817664.7
ASR 22	P5	Planned Distict Open Space	812729.3	816845.9
ASR 23	P6	Planned Distict Open Space	812961.5	816951.5

Grid 12_25

ASR Ref in Model	ASR ID	Description	х	Y
ASR 1	P2	Tung Chung East Development	813218.2	818122.0

 Project
 HZMB EIA

 Title
 : Grid 7_22 (NO2)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	214	214	214	214	214	96	96	96	96	96	22	22	22	22	22

ProjectHZMB EIATitle: Grid 8_23 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	219	219	219	219	219	110	110	110	110	110	27	27	27	27	27
2	218	218	218	218	218	110	110	110	110	110	26	26	26	26	26

ProjectHZMB EIATitle: Grid 8_24 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	246	246	245	243	241	134	134	134	133	132	47	47	47	46	46
2	235	235	235	234	234	131	131	131	131	130	45	45	44	44	44
3	232	232	232	232	232	130	130	130	130	130	44	44	44	44	44
4	233	233	233	233	233	131	131	131	130	130	44	44	44	44	44

 Project
 HZMB EIA

 Title
 : Grid 9_24 (NO2)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	220	220	219	219	218	124	124	124	123	123	40	40	40	39	38
2	221	221	220	219	219	126	125	125	124	123	43	43	42	41	39
3	224	224	223	222	222	127	126	126	125	124	45	43	41	40	39

ProjectHZMB EIATitle: Grid 10_23 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	207	207	207	207	206	102	101	101	101	101	25	25	25	25	25
2	209	209	209	209	209	104	104	104	104	103	26	26	26	26	26

ProjectHZMB EIATitle:Grid 10_24 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	216	216	217	215	221	128	128	128	125	121	44	44	44	41	37
2	216	216	215	214	214	125	124	122	119	118	44	43	41	39	37
3	225	225	226	227	228	109	109	109	109	109	33	33	33	33	32
4	215	215	215	216	216	109	109	109	109	108	32	32	32	32	32
5	212	212	212	212	212	108	108	108	108	108	31	31	31	31	31

ProjectHZMB EIATitle:Grid 10_25 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr	1-hr	1-h r	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	271	271	271	271	271	131	131	130	130	130	49	49	48	48	47

Project HZMB EIA

Title : Grid 11_23 (NO2)

Scenario : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	195	195	195	195	195	108	108	108	108	107	28	28	27	26	26
2	200	200	200	200	200	105	105	105	104	104	25	25	25	25	25
3	198	198	198	198	197	102	102	102	102	101	25	25	24	24	24
4	198	198	198	197	197	104	104	103	103	102	25	25	25	24	24
5	197	197	197	197	197	102	102	101	101	101	24	24	24	24	23
6	197	197	197	197	197	101	101	100	100	100	24	24	23	23	23
7	198	198	198	198	198	101	101	101	101	100	23	23	23	23	23
8	199	199	199	199	198	102	102	102	101	101	23	23	23	23	23
9	202	202	202	202	202	103	103	103	103	103	24	24	24	24	24

Project HZMB EIA

Title : Grid 11_24 (NO2)

Scenario : Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	204	204	204	203	203	119	119	117	116	114	34	34	33	32	31
2	203	203	203	203	203	118	118	117	115	114	33	33	33	32	31
3	204	204	203	203	203	120	119	118	116	115	34	33	33	32	31
4	203	203	203	203	203	118	118	117	116	114	33	33	32	31	31
5	203	203	202	202	202	117	116	116	115	113	32	32	31	31	30
6	202	202	202	202	202	115	115	115	114	113	32	32	31	31	30
7	203	203	203	203	202	116	116	115	114	113	32	32	32	31	30
8	203	203	203	202	202	116	116	115	114	113	32	32	31	31	30
9	202	202	202	202	202	118	117	116	115	114	32	32	31	31	30
10	202	202	202	202	202	117	117	116	115	114	32	32	31	31	30
11	202	202	202	202	202	116	116	115	114	113	32	32	31	30	30
12	202	202	202	202	202	115	115	114	114	113	32	32	31	30	30
13	203	203	203	203	202	121	120	119	118	116	34	33	32	32	31
14	203	203	202	202	202	120	120	119	117	115	33	33	32	31	30
15	202	202	202	202	202	121	121	120	118	116	33	33	32	32	31
16	202	202	202	202	202	120	120	119	118	116	33	33	32	32	31
17	202	202	202	202	202	122	121	121	119	117	34	34	33	32	31
18	202	202	202	202	202	121	121	120	119	117	34	34	33	32	31
19	206	206	206	205	205	126	125	123	118	114	40	38	36	33	31
20	206 238	206	206	205	205	125	124	122	118	114	40	39	36	34	32
21 22	238 243	219	208	207	206	112	111	111	110	109	47	42	37	34	32
22	243 201	236	213	211	209	119	117	114	112	110	54	45	36	33	31
23 24		201	201	201	201	109	109	109	108	107	39	38	36	34	32
24 25	201 201	201	201	201	201	109	109	109	108	108	38	38	36	34	32
25	201	201 201	201	200	200	109	108	108	107	107	36	36	35	33	32
20	201	201	200	200	200	107	107	107	107	106	35	34	34	33	32
28	201	201	201 201	200	200 200	107	107	106	105	104	33	32	32	31	30
29	201	201	201	200		109	109	107	106	105	34	34	33	32	31
30	208	201	201	201 200	201 200	111	110	110	109	108	41	40	37	34	32
30	201	201	201	200	200	106 107	106	105	104	103	31	31	31	30	30
32	200	200	200				107	106	105	105	33	33	32	32	31
33	200	200	200	200 200	200	109	108	107	106	105	32	31	31	30	30
34	201	201	201	200	200 200	112 109	110 108	108 108	106	105	34	33	32	31	30
35	201	201	201	201	200	109	108	108	107 107	106	34	34	33	32	31
36	201	201	201	201	201	108	108	108	107	107	34	34	33	33	32
00	ΞŪΙ	<u>د</u> ر ۱	2.41	201	4U I	109	109	100	107	106	34	34	33	32	31

37	201	201	201	201	200	111	110	108	106	105	34	33	32	31	31
38	209	207	205	204	203	119	118	116	114	112	43	42	39	37	35
39	207	206	205	204	203	121	119	114	112	110	47	43	39	36	34
40	206	206	204	203	203	118	118	117	116	114	45	44	40	37	35
41	205	204	202	202	202	127	127	126	122	118	39	38	35	33	31
42	204	204	204	204	203	127	126	125	120	116	39	37	35	32	31
43	212	211	210	209	207	114	113	112	111	110	45	43	38	35	32
44	205	205	205	205	204	126	126	124	119	114	39	38	35	33	31
45	200	200	200	200	200	99	99	99	99	99	30	30	30	29	29
46	210	209	208	206	203	101	101	101	101	101	31	31	31	31	30
47	203	203	203	203	202	109	109	109	108	108	36	36	36	35	33

 Project
 HZMB EIA

 Title
 : Grid 11_25 (NO2)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	219	218	218	215	214	125	125	125	123	121	51	49	49	42	40
2	218	218	218	217	217	121	121	121	120	120	42	42	42	40	39
3	216	216	216	216	215	122	121	121	121	120	41	41	41	40	39
4	214	214	214	214	213	121	121	121	120	120	43	43	43	41	39
5	215	215	215	214	213	119	119	119	119	119	43	43	43	40	39
6	215	215	215	214	214	121	121	121	121	120	41	40	40	39	39
7	220	217	214	213	213	130	129	128	126	123	43	42	42	40	38
8	220	219	217	213	212	123	123	123	122	122	44	43	43	40	38
9	222	219	219	214	213	123	123	123	122	122	47	45	45	40	38
10	219	217	217	214	213	123	123	123	122	122	46	45	45	40	38

Project HZMB EIA

Title : Grid 11_26 (NO2)

Scenario : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	226	226	226	226	226	120	119	119	119	118	35	35	35	35	34
2	247	247	245	243	241	122	122	121	121	120	41	40	40	39	38
3	239	238	237	236	235	120	119	119	118	118	40	39	38	38	37
4	232	232	232	232	232	119	119	118	118	118	37	37	36	36	36
5	234	234	232	231	231	119	119	118	118	118	38	37	37	36	36
6	229	229	229	229	228	118	118	118	118	117	37	37	37	36	36
7	225	225	225	225	225	117	117	117	117	117	36	36	36	36	35
8	225	225	225	225	225	117	117	117	116	116	35	35	35	35	35
9	235	235	235	235	235	118	118	118	117	117	38	37	37	36	36
10	244	244	243	242	241	121	120	120	119	118	37	37	36	36	35
11	247	247	246	245	244	123	123	122	120	119	39	39	38	38	37

 Project
 HZMB EIA

 Title
 : Grid 12_24 (NO2)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	192	192	192	192	192	105	104	103	100	98	31	31	30	29	27
2	193	192	192	192	192	104	104	102	100	97	31	30	29	28	27
3	193	193	193	193	193	105	104	103	100	97	31	31	30	29	27
4	193	193	193	192	192	104	103	102	100	97	30	30	29	28	27
5	194	194	194	194	194	106	105	103	101	97	32	32	30	20	27
6	193	193	193	193	193	104	104	102	100	97	31	30	29	28	27
7	194	194	194	194	194	106	105	103	101	98	32	31	30	29	27
8	193	193	193	193	193	105	104	103	100	98	30	30	29	28	27
9	194	194	194	193	193	106	105	104	101	98	31	31	30	28	27
10	193	193	193	193	193	105	104	103	100	98	30	30	29	28	27
11	193	193	193	193	193	108	108	105	103	100	31	31	30	28	27
12	193	193	193	193	193	107	106	104	102	99	30	30	29	28	27
13	192	192	192	192	192	101	101	100	99	97	28	28	27	27	26
14	192	192	192	192	192	100	100	99	98	97	28	28	27	27	26
15	193	193	192	192	192	101	101	99	98	96	29	29	28	27	26
16	193	192	192	192	192	102	101	100	99	97	29	29	28	27	26
17	193	193	193	193	193	108	108	106	103	101	32	31	30	29	27
18	193	193	193	193	193	107	107	105	103	100	31	30	29	28	27
19	193	193	192	192	192	103	102	101	100	98	29	28	28	27	26
20	193	193	192	192	192	104	103	102	100	99	29	28	28	27	26
21	191	191	191	191	191	95	95	95	94	94	24	24	24	24	24
22	196	196	195	195	195	115	114	109	103	97	38	37	33	30	27
23	201	201	201	200	200	114	113	107	98	93	43	40	33	29	27

ProjectHZMB EIATitle:Grid 12_25 (NO2)Scenario: Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr	1-hr	1-hr	1-hr	1-hr	24-h r	24-hr	24-hr	24-hr	24-hr	Annual	Annual	Annual	Annual	Annual
	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
1	201	201	201	201	201	107	107	106	106	105	27	27	27	27	26

 Project
 HZMB EIA

 Title
 : Grid 7_22 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref 1	1-hr 1.5m 108	1-hr 5m 108	1-hr 10m 108	1-hr 15m 108	1-hr 20m 108	24-hr 1.5m 89	24-hr 5m 89	24-hr 10m 89	24-hr 15m 89	24-hr 20m 89	Annual 1.5m 43	Annual 5m 43	Annual 10m 43	Annual 15m 43	Annual 20m 43
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ProjectHZMB EIATitleGrid 8_23 (RSP)Scenario: Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual	Annual	Annual	Annual
1	114	114	114	111	444						1.010	5m	10m	15m	20m
		114	114	114	114	92	92	92	92	92	45	45	45	45	45
2	113	113	113	113	113	91	04	01					45	40	45
			110	115	115	91	91	91	91	91	45	45	45	45	45

 Project
 HZMB EIA

 Title
 Grid 8_24 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	130	130	130	129	129	96	96	96	95	95	47				2011
2	129	129	129	129							47	47	47	47	47
-					129	95	95	95	95	95	47	47	47	47	47
చ	129	129	129	129	129	95	95	95	95	95	47	47	47		47
4	129	129	129	129	129	95	95	95			47		41	47	47
				.20	120	55	90	95	95	95	47	47	47	47	47

 Project
 HZMB EIA

 Title
 Grid 9_24 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annuai 15m	Annual 20m
1	115	115	115	115	115	90	90	90	90	90	45		•		
2	115	115	115	115	115	Q1	Q1	Q1		90 Q1		45	45	45	45
2	115	115	115	115		01	01	51	91	51	45	45	45	45	45
U U	115	110	115	115	115	91	91	91	91	91	45	45	45	45	45

 Project
 HZMB EIA

 Title
 Grid 10_23 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual	Annual	Annual
1	115	115	115	115	115	89	89	89	89				10m	15m	20m
2	115	115	115	115						89	44	44	44	44	44
-	110	115	115	F10	115	89	89	89	89	89	44	44	44	44	44

 Project
 HZMB EIA

 Title
 Grid 10_24 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual
1	116	116	116	116	115	91	91	91							20m
°	117	-						91	90	90	45	45	45	45	45
4	117	116	116	116	116	91	91	91	90	90	46	45	45	45	45
3	116	116	115	115	115	90	90	90	90						
A	116	116								90	45	· 45	45	45	45
4			116	116	115	90	90	90	90	90	45	45	45	45	45
5	115	115	115	115	115	90	90	90	90	90	45	45	45	45 45	45 45

 Project
 HZMB EIA

 Title
 Grid 10_25 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref 1	1-hr 1.5m 131	1-hr 5m 131	1-hr 10m 131	1-hr 15m 131	1-hr 20m 131	24-hr 1.5m 96	24-hr 5m 96	24-hr 10m 96	24-hr 15m 96	24-hr 20m 96	Annual 1.5m 48	Annual 5m 48	Annual 10m 48	Annual 15m 48	Annual 20m 48
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Title Grid 11_23 (RSP)

Scenario : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 45m	Annual
1	119	119	119	119	119	90	90	90	90					15m	20m
2	120	120	119	119	119					90	44	44	44	44	44
-						90	90	90	90	90	44	44	44	44	44
3	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
4	120	120	120	120	120	90	90	90	90	90	44				
5	120	120	120	120	120	90						44	44	44	44
c							90	90	90	90	44	44	44	44	44
U	120	120	120	120	120	90	90	90	90	90	44	44	44	44	44
7	119	119	119	119	119	90	90	90	90	90	44				
8	119	119	119	119	119	90						44	44	44	44
- 0							90	90	90	90	44	44	44	44	44
9	119	119	119	119	119	90	90	90	90	90	44	44	44	44	44

Title : Grid 11_24 (RSP)

Scenario : Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1-hr	1-hr	1-hr	24-hr	24-hr	24-hr	24-hr	24-hr	Annual	A			_
ASR Ref	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	24-m	1.5m	Annual 5m	Annual	Annual	Annual
1	119	119	119	119	119	91	91	91	91	91	45	45	10m	15m	20m
2	11 9	119	119	119	119	91	91	91	91	91	45	45 45	45 45	45	45
3	119	119	119	119	119	91	91	91	91	91	45	45 45		45	45
4	119	119	119	119	119	91	91	91	91	91	45 45	45 45	45	45	45
5	119	119	119	119	119	91	91	91	91	91	45 45		45	45	45
6	11 9	119	119	119	119	91	91	91	91	91	45 45	45	45	45	45
7	119	119	119	119	119	91	91	91	91	91	45 45	45 45	45	45	45
8	119	119	119	119	119	91	91	91	91	91	45 45	40 45	45	45	45
9	119	119	119	119	119	91	91	91	91	91	45 45	45 45	45	45	45
10	119	119	119	119	119	91	91	91	91	91	45 45	45 45	45 45	45	45
11	119	119	119	119	119	91	91	91	91	91	45	45	45 45	45	45
12	119	119	119	119	119	91	91	91	91	91	45	45	45 45	45 45	45
13	119	119	119	119	119	91	91	91	91	91	45	45	45 45	45 45	45
14	119	119	119	119	119	91	91	91	91	91	45	45	45 45	45 45	45
15	119	119	119	119	119	91	91	91	91	91	45	45	45	45 45	45 45
16	119	119	119	119	119	91	91	91	91	91	45	45	45	45 45	45 45
17	119	119	119	119	119	91	91	91	91	91	45	45	45	45 45	45 45
18	119	119	119	119	119	91	91	91	91	91	45	45	45	45 45	45 45
19	119	119	119	119	119	91	91	91	91	91	46	46	45	45 45	45 45
20	119	119	119	119	119	91	91	91	91	91	46	46	45	45	45 45
21	122	121	120	119	119	9 2	91	91	91	91	46	46	46	45	45 45
22	123	121	119	119	119	92	92	91	91	91	47	46	46	45	45 45
23	121	121	120	119	119	91	91	91	91	91	46	46	46	45	45 45
24	121	120	120	119	119	91	91	91	91	91	46	46	46	45	45
25	120	120	120	119	119	91	91	91	91	91	46	46	46	45	45
26	120	120	120	120	119	91	91	91	91	91	45	45	45	45	45
27	120	120	120	119	119	91	91	91	91	91	45	45	45	45	45
28	120	120	120	120	119	91	91	91	91	91	45	45	45	45	45
29	121	121	120	119	119	91	91	9 1	91	91	46	46	46	45	45
30	120	120	120	119	119	91	91	91	91	91	45	45	45	45	45
31	120	120	120	120	119	9 1	91	91	91	91	45	45	45	45	45
32	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
33	120	120	120	120	120	91	91	91	91	91	46	45	45	45	45
34 35	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
36	121 121	120	120	120	120	91	91	91	91	91	45	45	45	45	45
0C	121	121	121	120	120	91	91	91	91	91	45	45	45	45	45

37	121	121	121	120	120	91	91	91	91	91	45	45	45	45	45
38	120	120	119	119	119	91	91	91	91	91	46	46	46	46	45
39	120	120	120	120	119	92	91	91	91	91	46	46	46	46	45
40	120	120	120	119	119	92	91	91	91	91	46	46	46	46	45
41	119	119	119	119	119	92	91	91	91	91	46	46	46	45	45
42	119	119	119	119	119	92	91	91	91	91	46	46	45	45	45
43	122	121	121	120	120	91	91	91	91	91	46	46	46	45	45
44	119	119	119	119	119	91	91	91	91	91	46	46	45	45	45
45	121	121	121	121	120	91	91	91	91	91	45	45	45	45	45
46	120	120	120	120	120	91	91	91	91	91	45	45	45	45	45
47	121	121	121	121	120	91	91	91	91	91	46	46	46	46	45

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 Title
 : Grid 11_25 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-h r 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual 20m
1	126	126	126	126	126	93	93	93	93	93	46	46			
2	125	125	125	125	125	93	93	93	93	93	46		46	46	46
3	125	125	125	125	125	93						46	46	46	46
- A	125	125					93	93	93	93	46	46	46	46	46
-			125	125	125	93	93	93	93	93	46	46	46	46	46
5	125	125	125	125	125	93	93	93	93	93	46	46	46		
6	125	125	125	125	125	93	93	93	93	93	46			46	46
7	127	127	127	127	127							46	46	46	46
						93	93	93	93	93	46	46	46	46	45
0	127	127	127	127	127	93	93	93	93	93	46	46	46	45	45
9	128	127	127	127	127	93	93	93	93	93	46				
10	128	127	127	127	127	93						46	46	45	45
••	120	121	121	141	127	93	93	93	93	93	46	46	46	45	45

 Title
 : Grid 11_26 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

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ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual
1	124	124	124	124	124	95	95	95	95	95	46	46			20m
2	124	124	124	124	124	95	95	95	95	95	-40 46	40	46	46	46
3	124	124	124	124	124	95	95	95	95	95	40 46		46	46	46
4	124	124	124	124	124	95	95	95	95	95		46	46	46	46
5	124	124	124	124	124	95	95	95 95	95 95	95 95	46	46	46	46	46
6	124	124	124	124	124	95	95	95	95		46	46	46	46	46
7	124	124	124	124	124	95	95	95	95 95	95	46	46	46	46	46
8	124	124	124	124	124	95	95	95 95		95	46	46	46	46	46
9	124	124	124	124	124	95 95			95	95	46	46	46	46	46
10	124	124	124	124	124		95 05	95	95	95	46	46	46	46	46
11	124	124				95	95	95	95	95	46	46	46	46	46
EE	124	124	124	124	124	95	95	95	95	95	46	46	46	46	46

Title Grid 12_24 (RSP)

Scenario : Assume 50% Utilisation of Natural Gas in HK

ASR Ref	1-hr 1.5m	1-hr 5m	1-hr 10m	1-hr 15m	1-hr 20m	24-hr 1.5m	24-hr 5m	24-hr 10m	24-hr 15m	24-hr 20m	Annual 1.5m	Annual 5m	Annual 10m	Annual 15m	Annual
1	119	119	119	119	119	91	91	91	91	91	44	44	44	44	20m
2	119	119	119	119	119	91	91	91	91	91	44	44	44	44 44	44
3	119	119	119	119	119	91	91	91	91	91	44	44	44		44
4	119	119	119	119	119	91	91	91	91	91	44	44	44 44	44	44
5	119	119	119	119	119	91	91	91	91	91	44	44	44 44	44	44
6	119	119	119	119	119	91	91	91	91	91	44	44	44 44	44	44
7	119	119	119	118	118	91	91	91	91	91	44	44		44	44
8	119	119	119	118	118	91	91	91	91	91	44	44	44	44	44
9	118	118	118	118	118	91	91	91	91	91	44	44 44	44	44	44
10	118	118	118	118	118	91	91	91	91	91	44		44	44	44
11	118	118	118	118	118	91	91	91	91	91	44 44	44	44	44	44
12	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
13	118	118	118	118	118	91	91	91	91	91	44 44	44	44	44	44
14	118	118	118	118	118	91	91	91	91	91		44	44	44	44
15	119	119	118	118	118	91	91	91	91	91	44 44	44	44	44	44
16	119	119	119	119	119	91	91	91	91	91		44	44	44	44
17	118	118	118	118	118	91	91	91	91	91	44	44	44	44	44
18	118	118	118	118	118	91	91	91	91	91 91	44	44	44	44	44
19	118	118	118	118	118	91	91	91	91	91 91	44	44	44	44	44
20	118	118	118	118	118	91	91	91	91		44	44	44	44	44
21	118	118	118	118	118	91	91	91	91 91	91	44	44	44	44	44
22	118	118	118	118	118	91	91	91		91	44	44	44	44	44
23	119	119	119	119	119	91	91		91	91	44	44	44	44	44
				, 10	113	31	91	91	91	91	45	44	44	44	44

 Project
 HZMB EIA

 Title
 : Grid 12_25 (RSP)

 Scenario
 : Assume 50% Utilisation of Natural Gas in HK

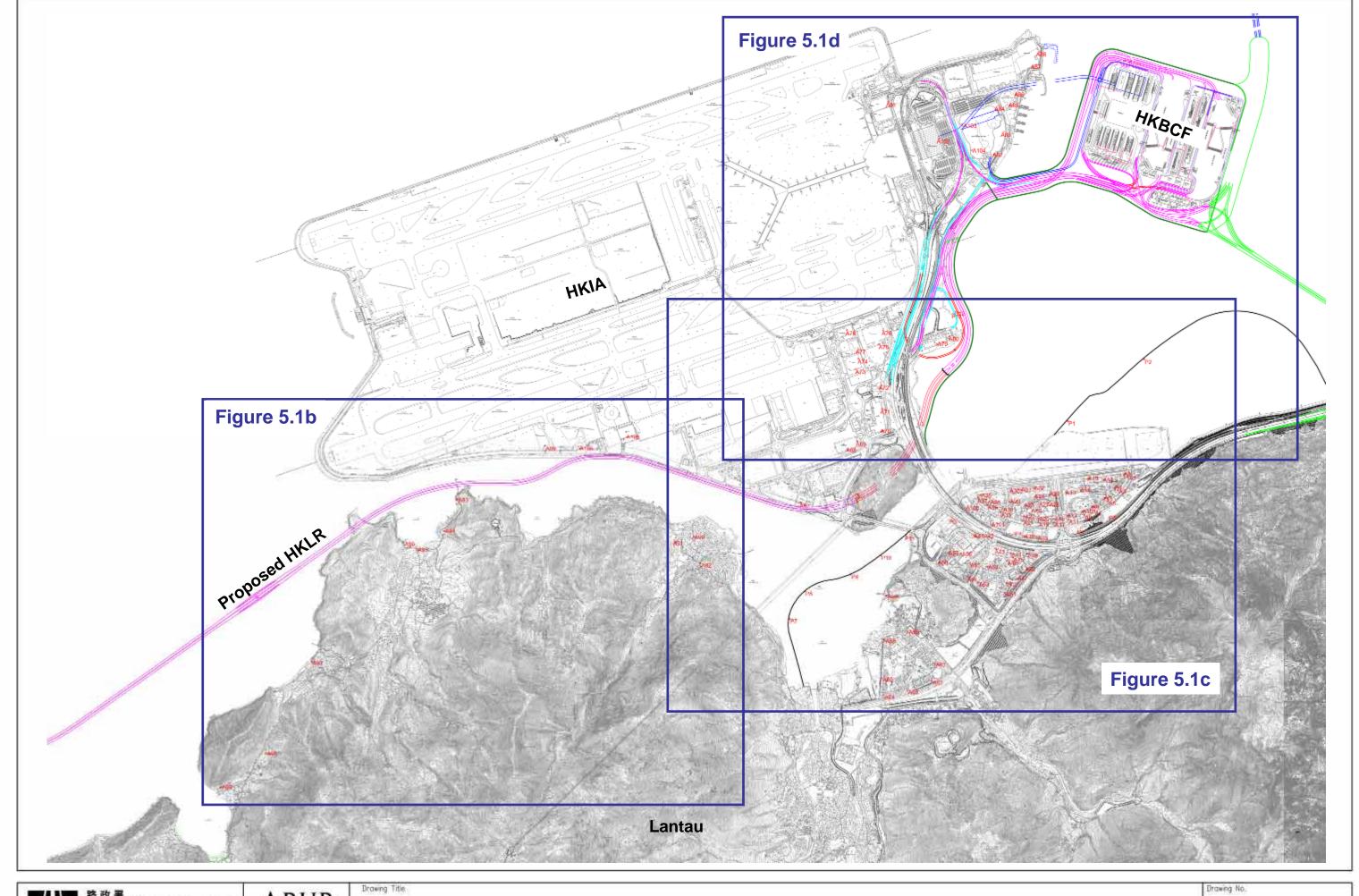
ASR Ref 1	1-hr 1.5m 121	1-hr 5m 121	1-hr 10m 121	1-hr 15m 121	1-hr 20m 121	24-hr 1.5m 92	24-hr 5m 92	24-hr 10m 92	24-hr 15m 92	24-hr 20m 92	Annual 1.5m 44	Annual 5m 44	Annual 10m 44	Annual 15m 44	Annual 20m 44
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Project	HZMB EIA
Title	Grid 10_24 (NO2)
Scenario	: Assume 50% Utilisation of Natural Gas in HK

		a 1.								
ASR	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr
	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A67	216	216	217	215	221	214	213	212	212	212
	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A67	128	128	128	125	121	118	115	114	113	113
	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A67	44	44	44	41	37	36	35	34	33	32
	1-hr	1-hr	1-hr		1-hr	1-hr	1-hr	1-hr	1-hr	1-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A90	225	225	226	227	228	228	227	225	222	217
	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A90	109	109	109	109	109	109	109	109	109	109
	Annual	Annual	Annuai	Annuai	Annuaí	Annual	Annual	Annual	Annual	A
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	Annual 45m
A90	33	33	33	33	32	32	32	31	31	45m 30
	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A91	215	215	215	216	216	215	214	213	212	212
	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
491	109	109	109	109	108	108	108	108	108	108
	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
\ 91	32	32	32	32	32	31	31	31	30	30

Project	HZMB EIA
Title	Grid 10_24 (RSP)
Scenario	: Assume 50% Utilisation of Natural Gas in HK

	1-hr	1-hr	1	1	4	4	4 6-	4 k		
ASR	1-nr 1.5m	sm	1-hr 10m	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr
			10m	15m	20m	25m	30m	35m	40m	45m
A67	116	116	116	116	115	115	115	115	115	115
	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A67	91	91	91	90	90	90	90	90	90	90
	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A67	45	45	45	45	45	45	45	45	45	45
	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A90	116	116	115	115	115	115	115	115	115	115
										1.0
	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A90	90	90	90	90	90	90	90	90	90	90
	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A90	45	45	45	45	45	45	45	45	45	45
	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr	1-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A91	116	116	116	116	115	115	115	115	115	115
	24-hr	24-hr	24-hr	24-hr	24-ħr	24-hr	24-hr	24-hr	24-hr	24-hr
ASR	1.5m	5m	10m	15m	20m	25m	30m	35m	40m	45m
A91	90	90	90	90	90	90	90	90	90	90
ACD	Annual 1.5m	Annuai	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
ASR A91	1.5m 45	5m 45	10m 45	15m 45	20m	25m	30m	35m	40m	45m
40 I	40	40	40	40	45	45	45	45	45	45



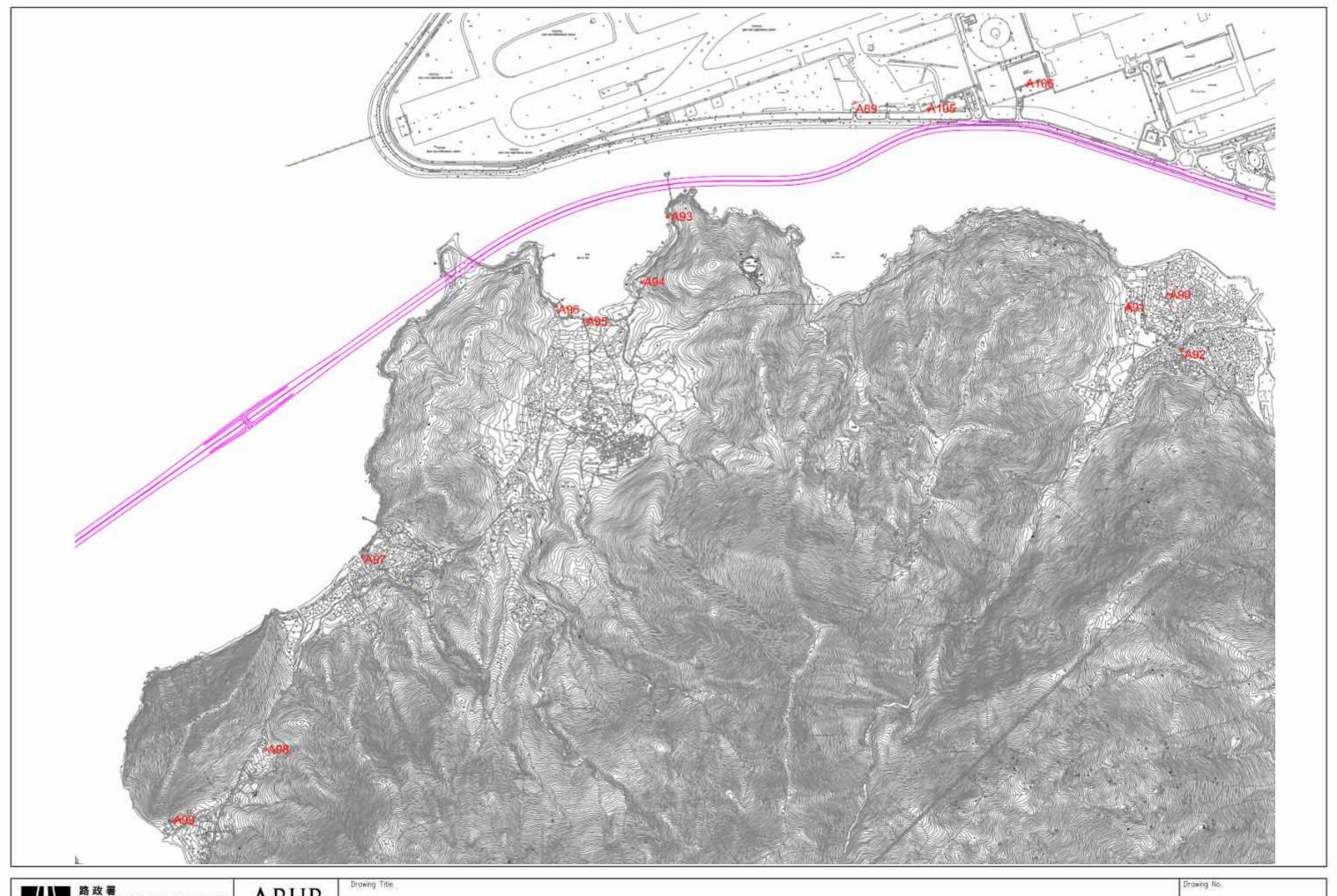




Locations of Air Sensitive Receivers – Key Plan

Drawing No.

Figure 5.1a

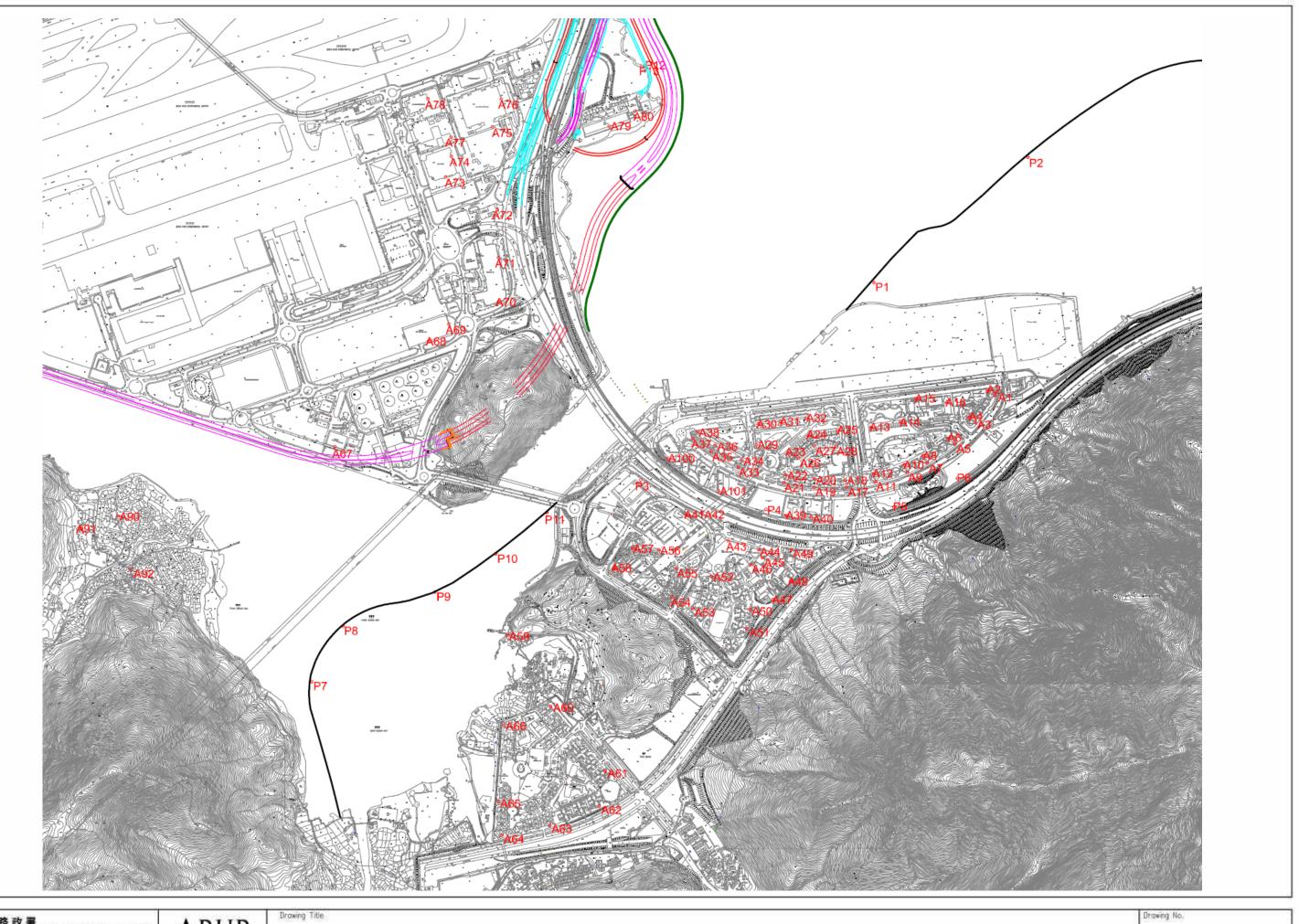






Locations of Air Sensitive Receivers – Sheet 1

Figure 5.1b

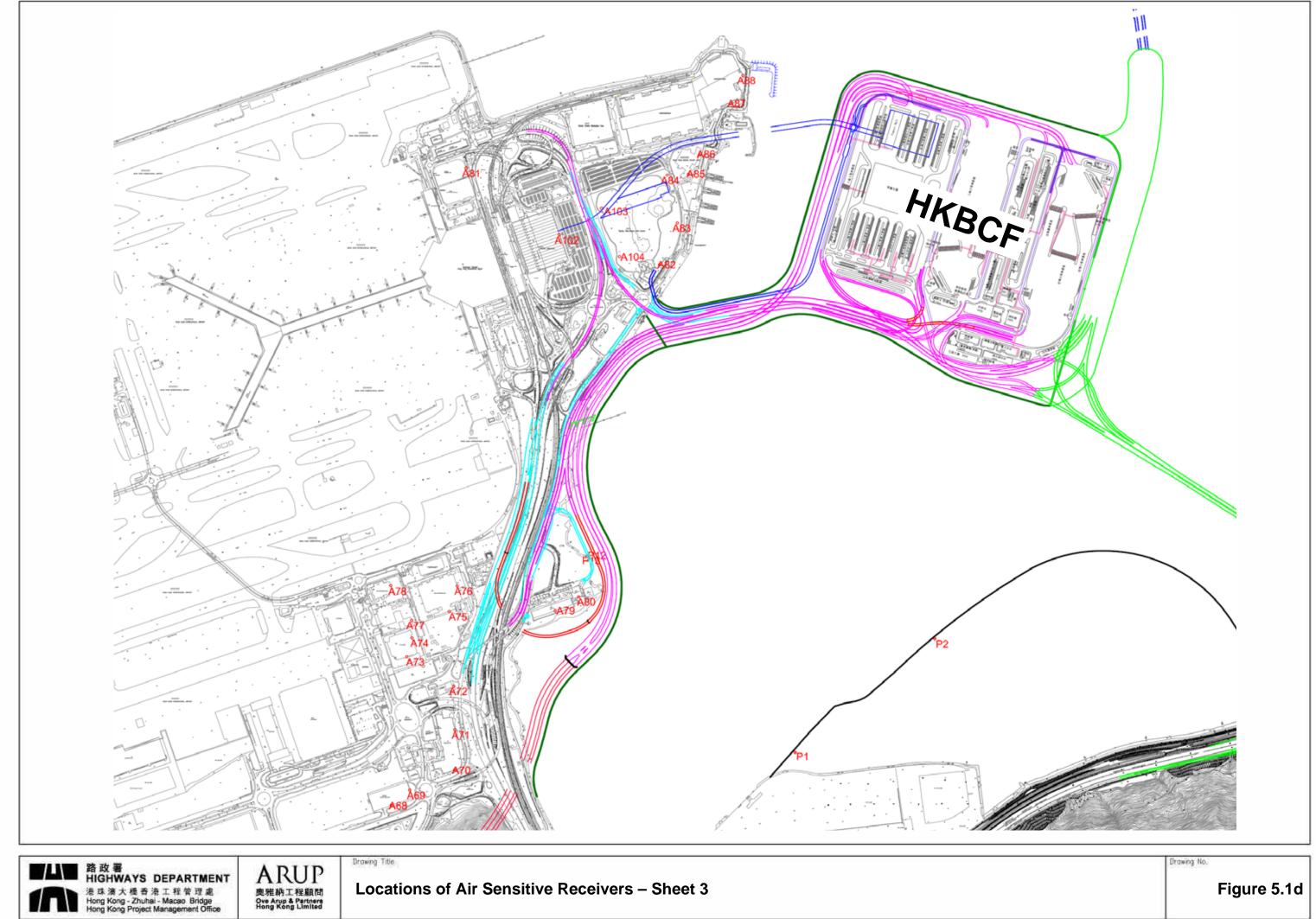






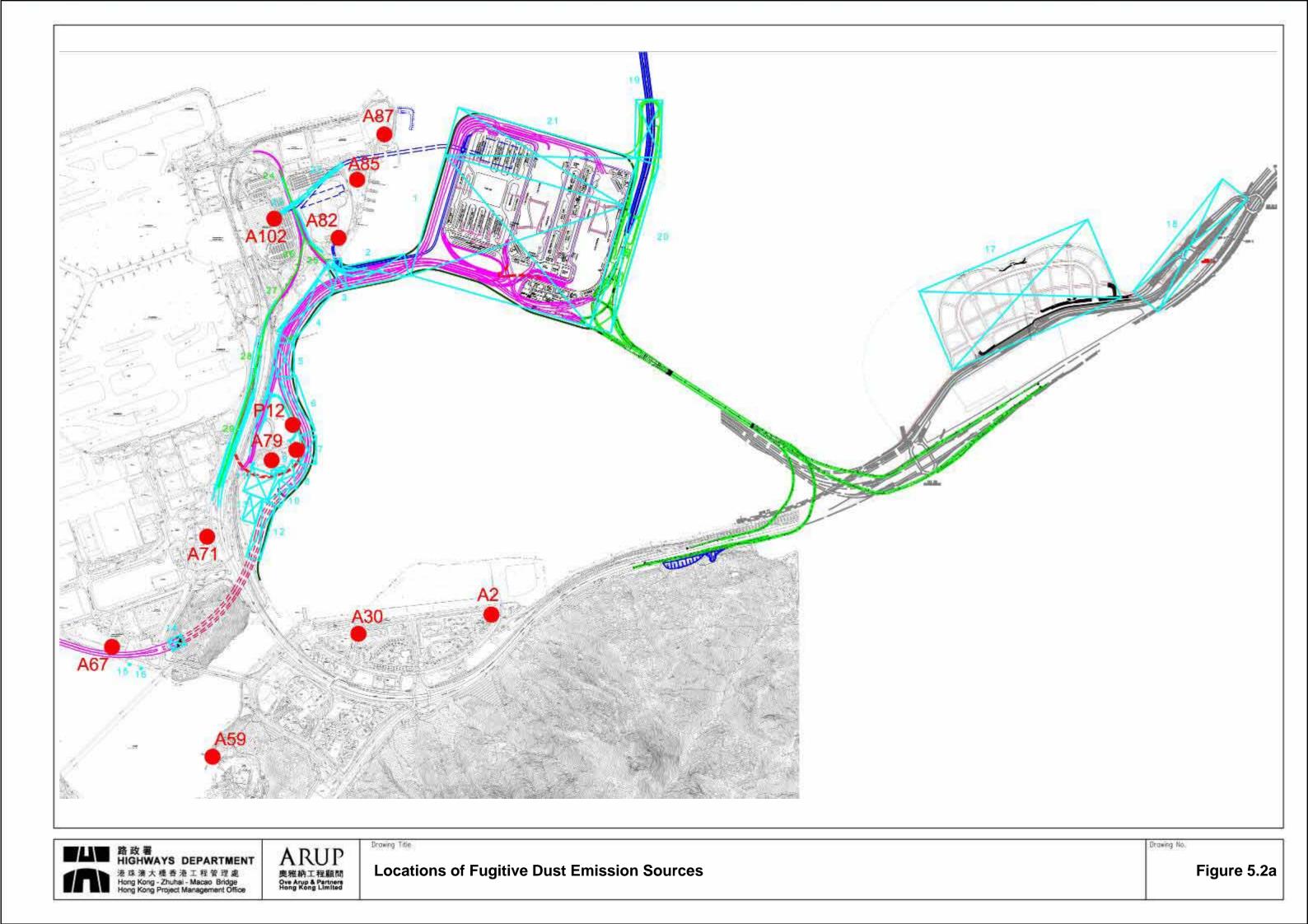
Locations of Air Sensitive Receivers – Sheet 2

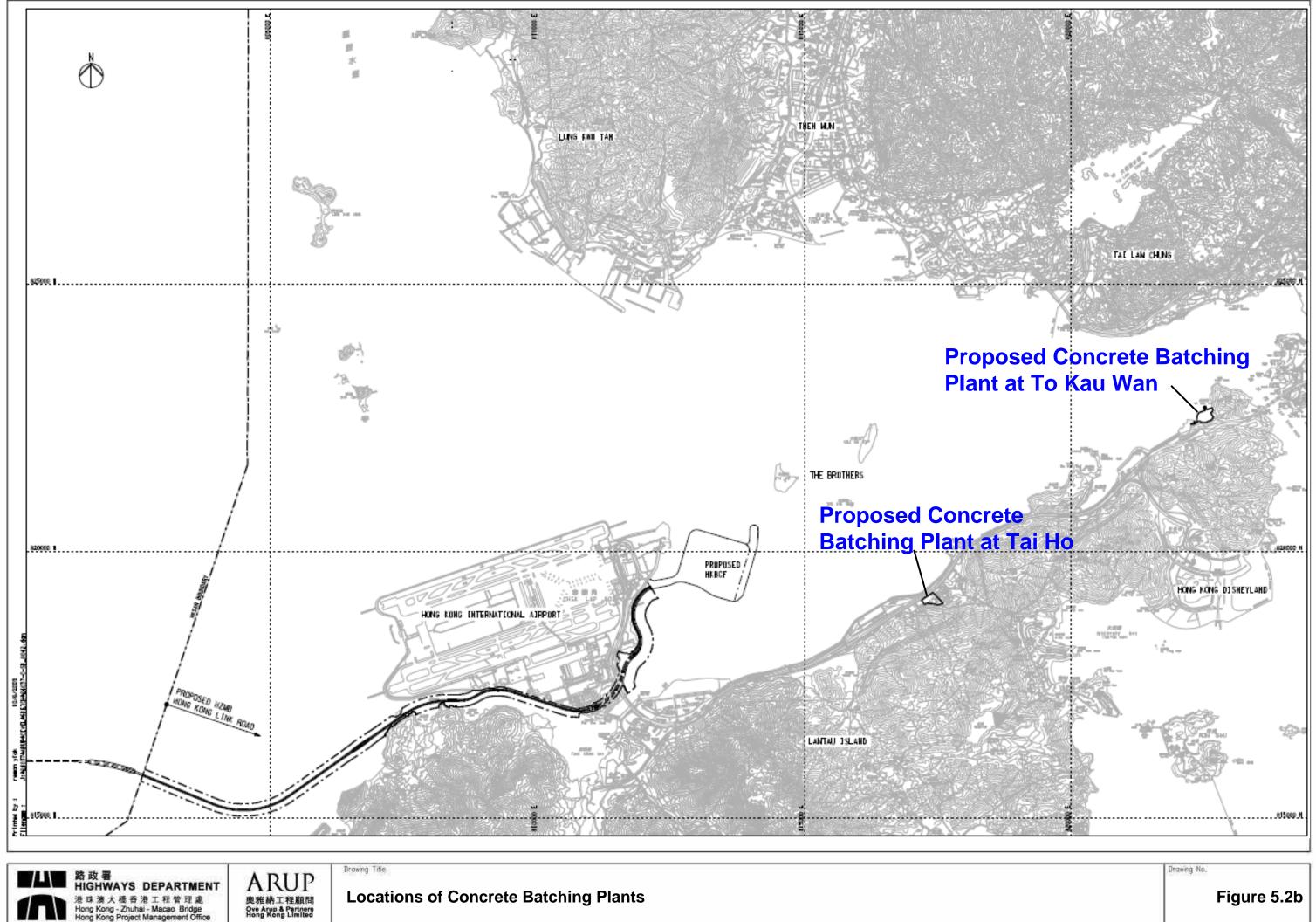
Figure 5.1c

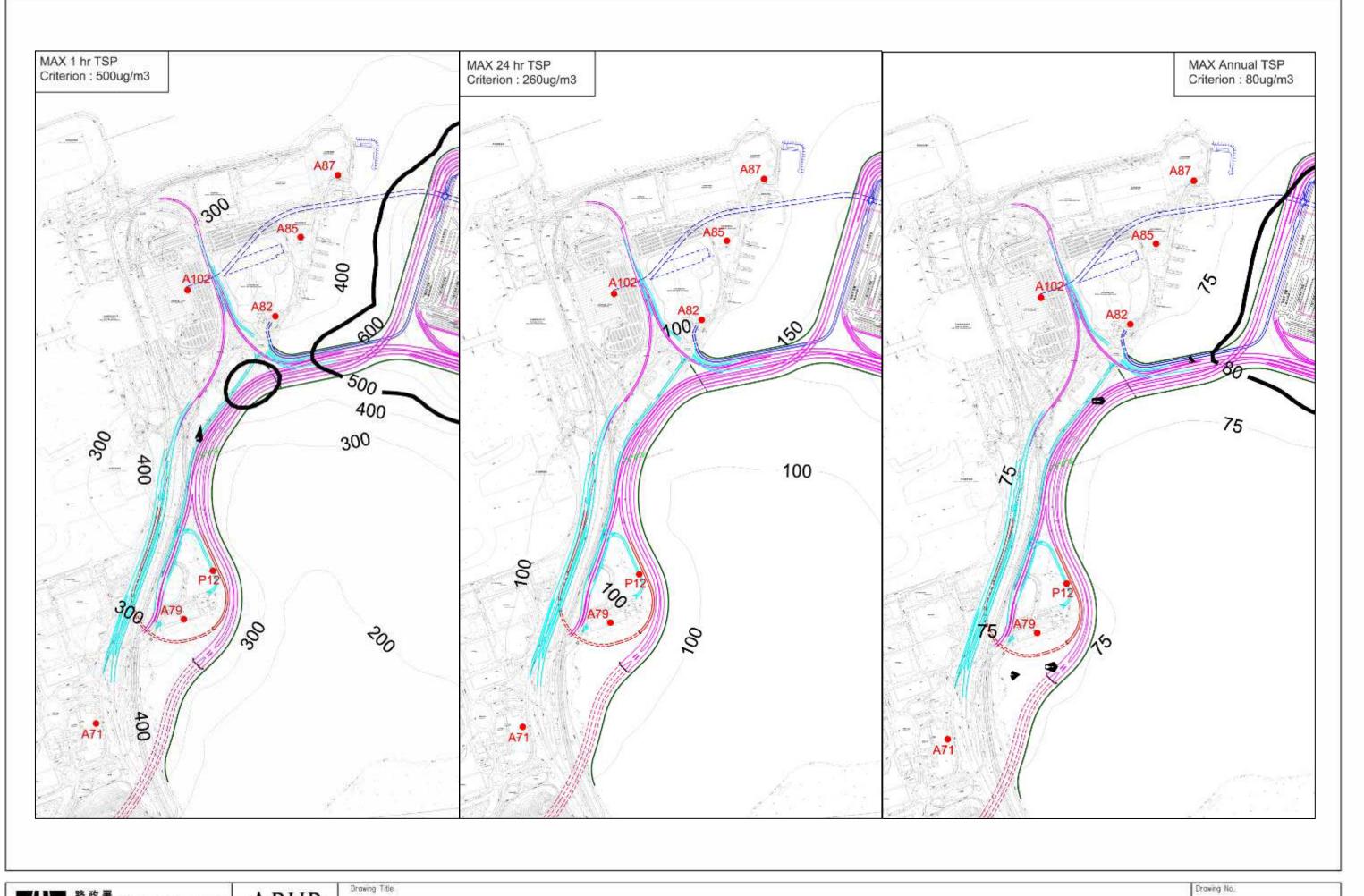












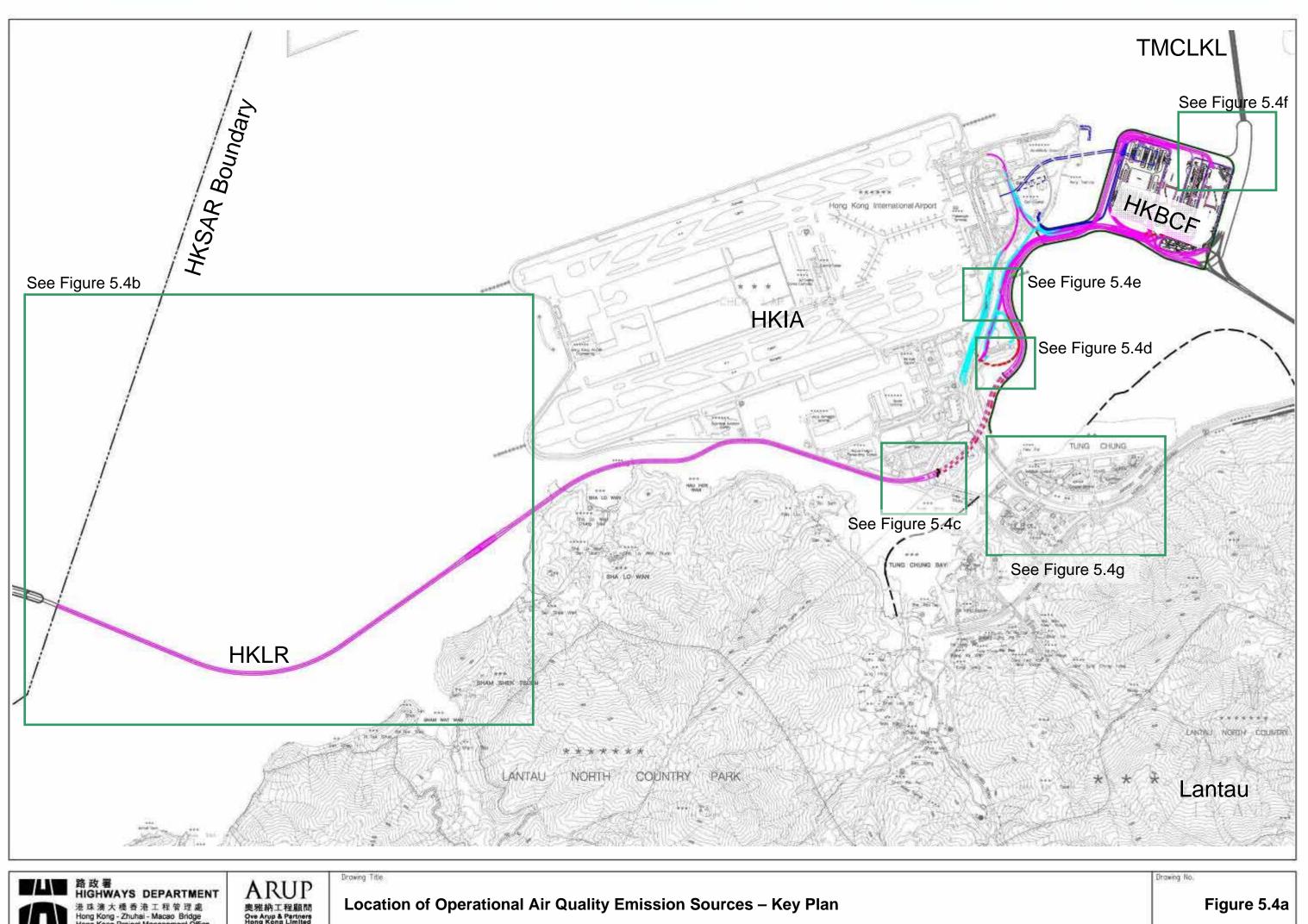




Contours for Fugitive Dust Concentration

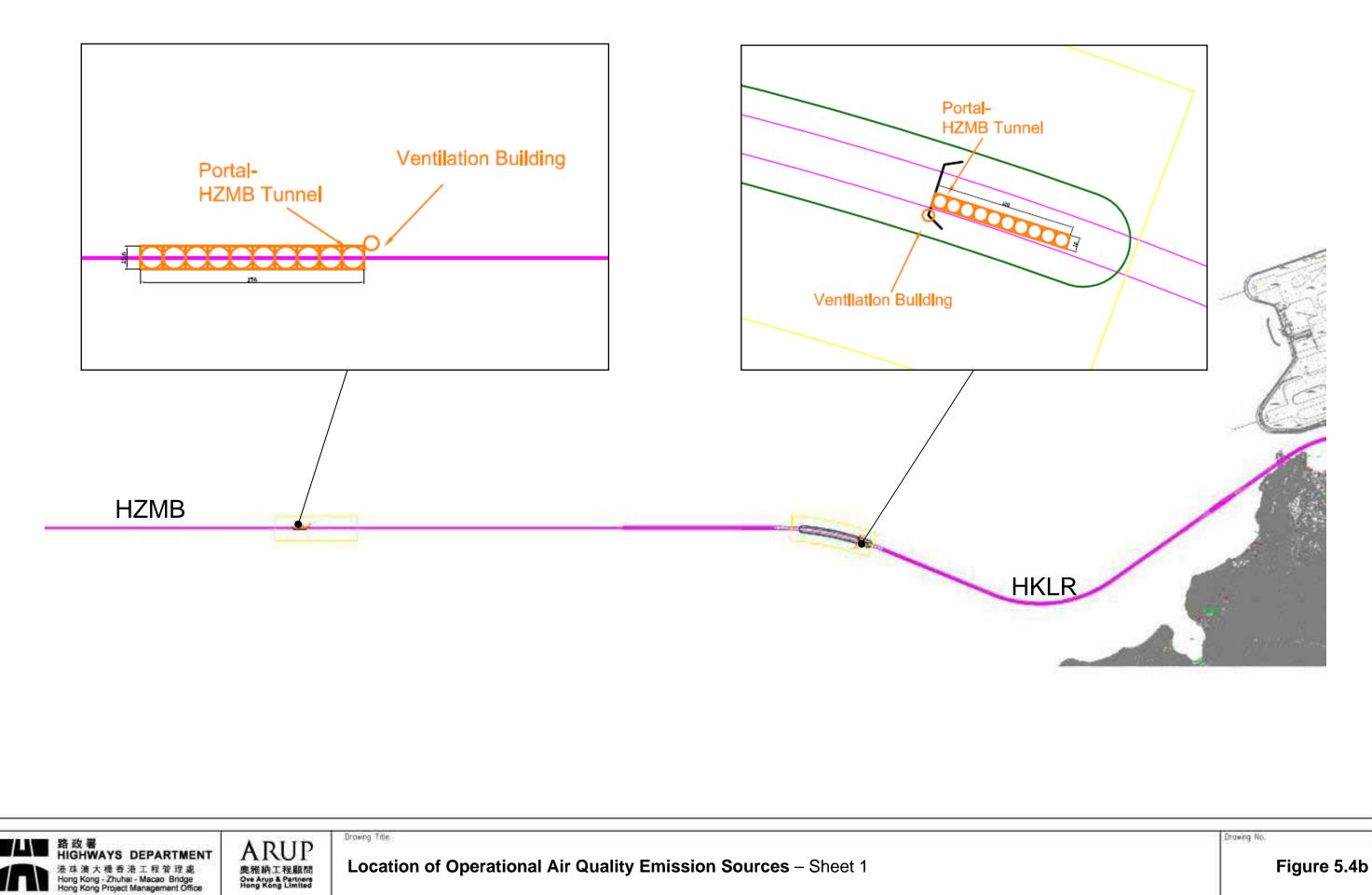
Drawing No.

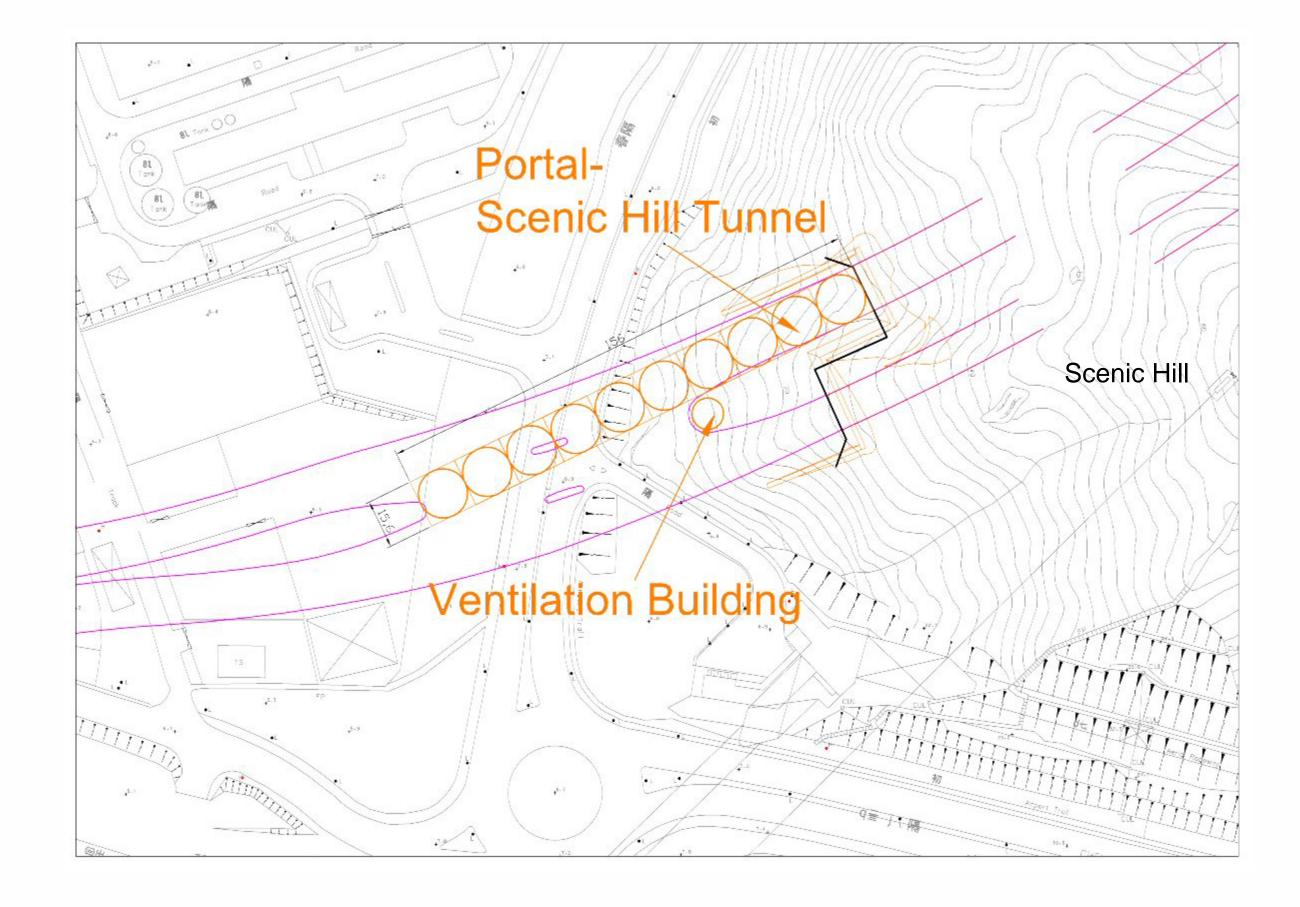
Figure 5.3













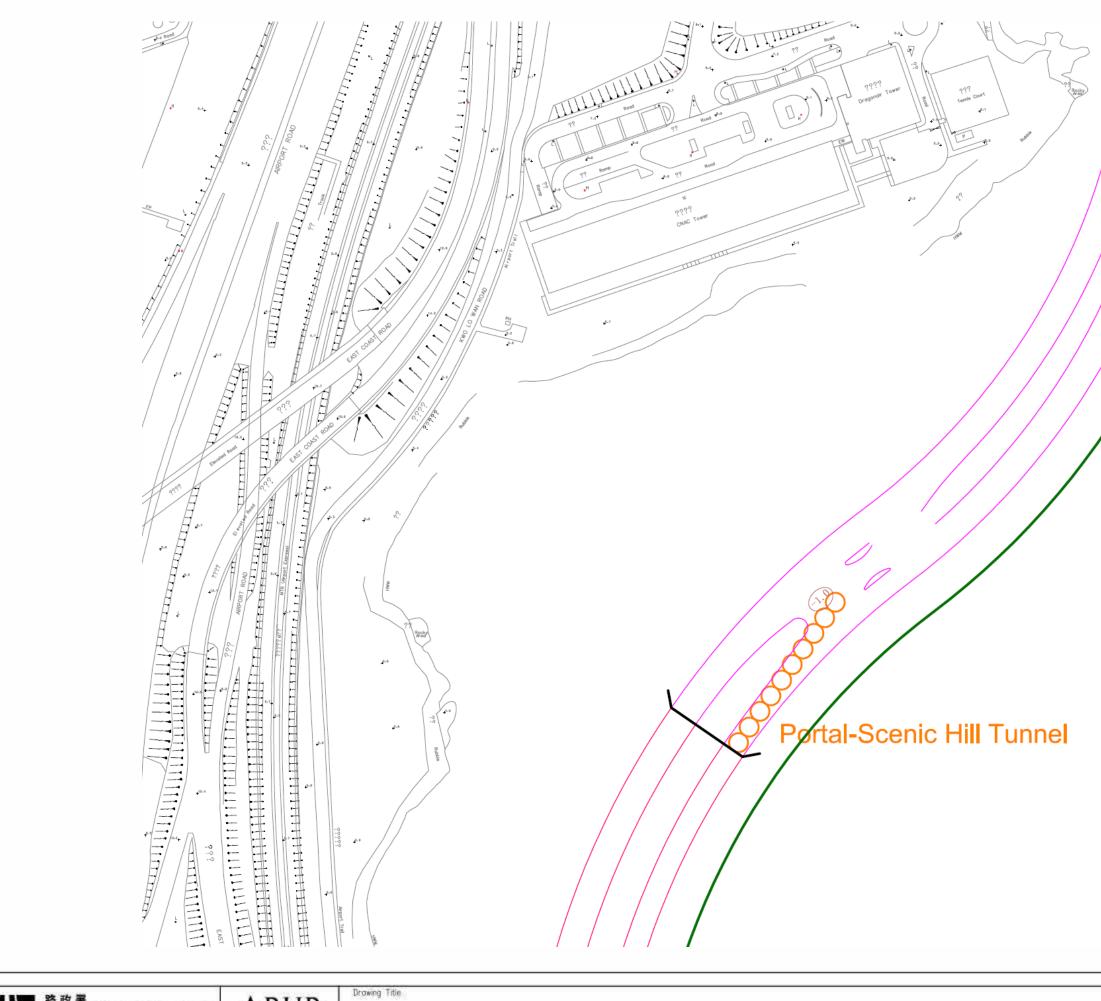


Drawing Title

Location of Operational Air Quality Emission Sources – Sheet 2

Drawing No.

Figure 5.4c



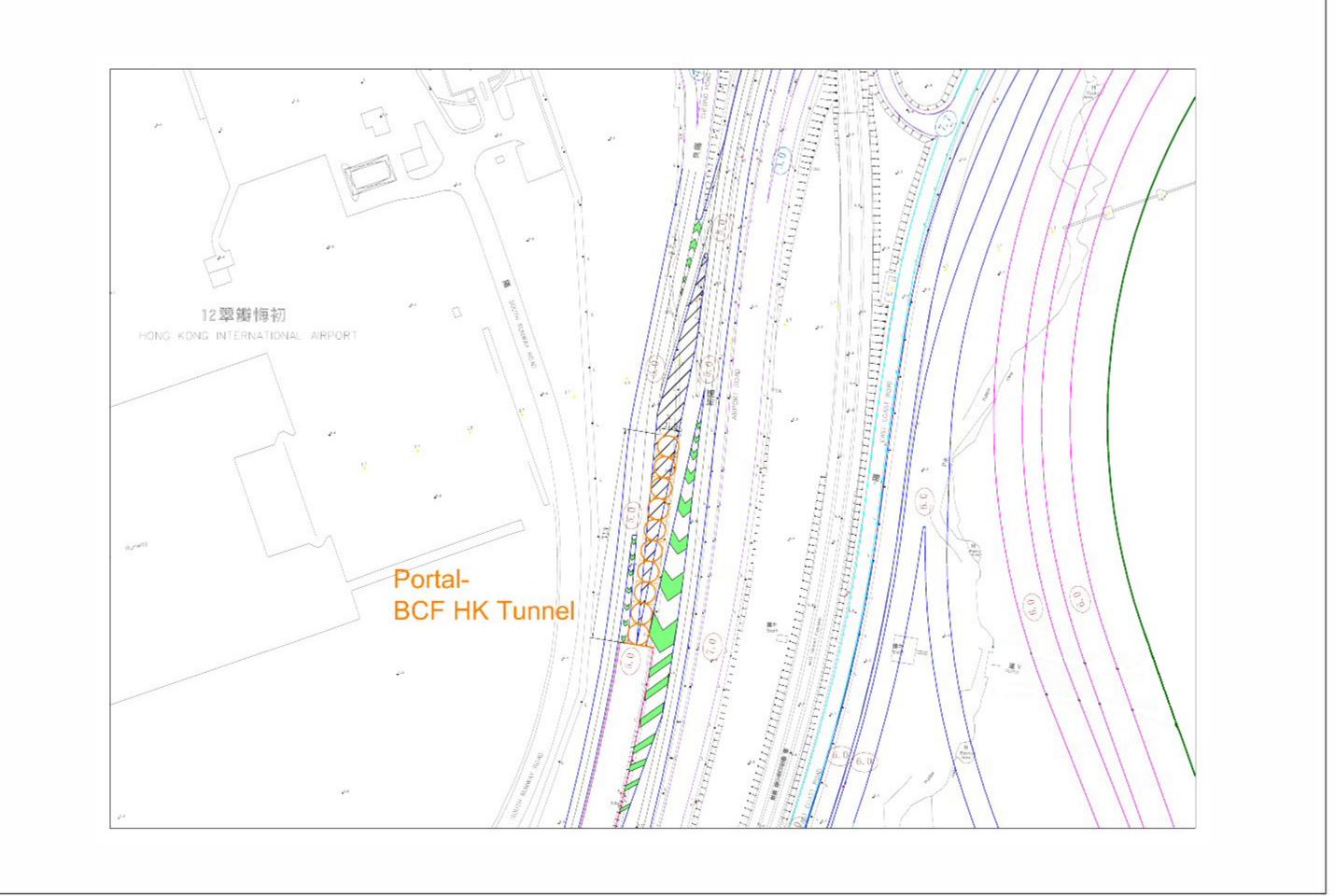




Location of Operational Air Quality Emission Sources – Sheet 3

Drawing No.

Figure 5.4d



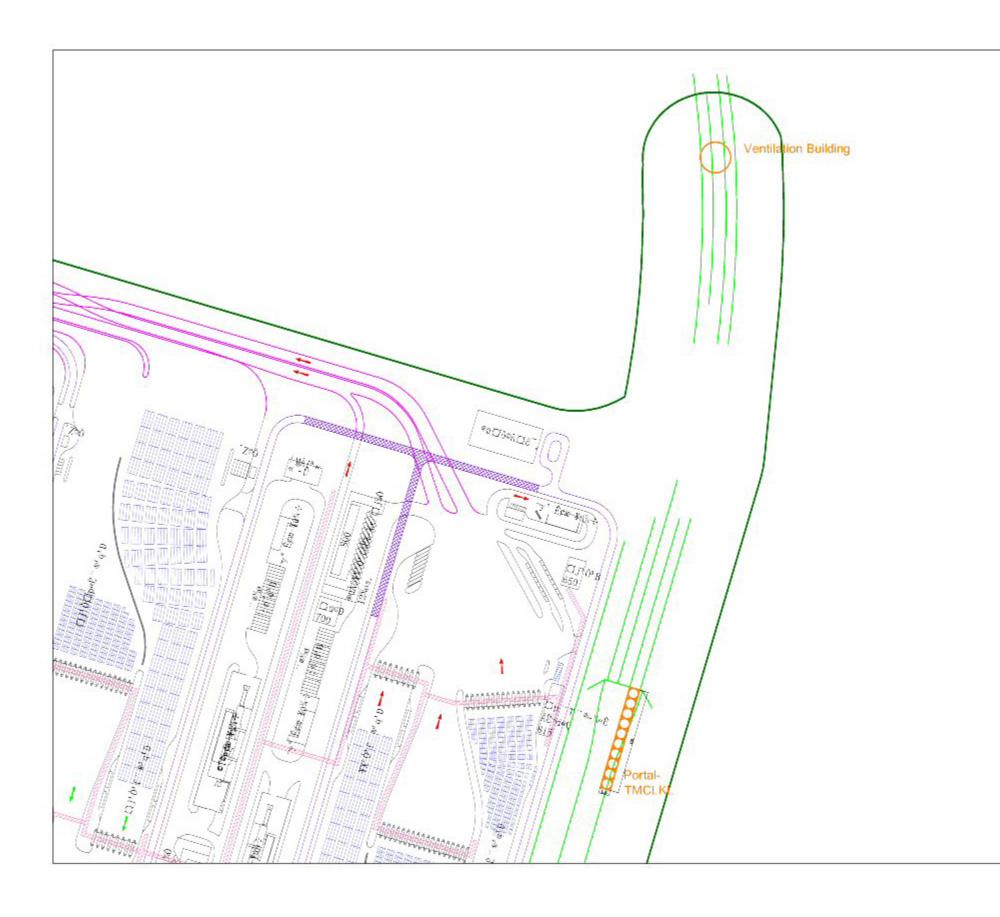




Drawing Title

Location of Operational Air Quality Emission Sources – Sheet 4

Drawing No. Figure 5.4e





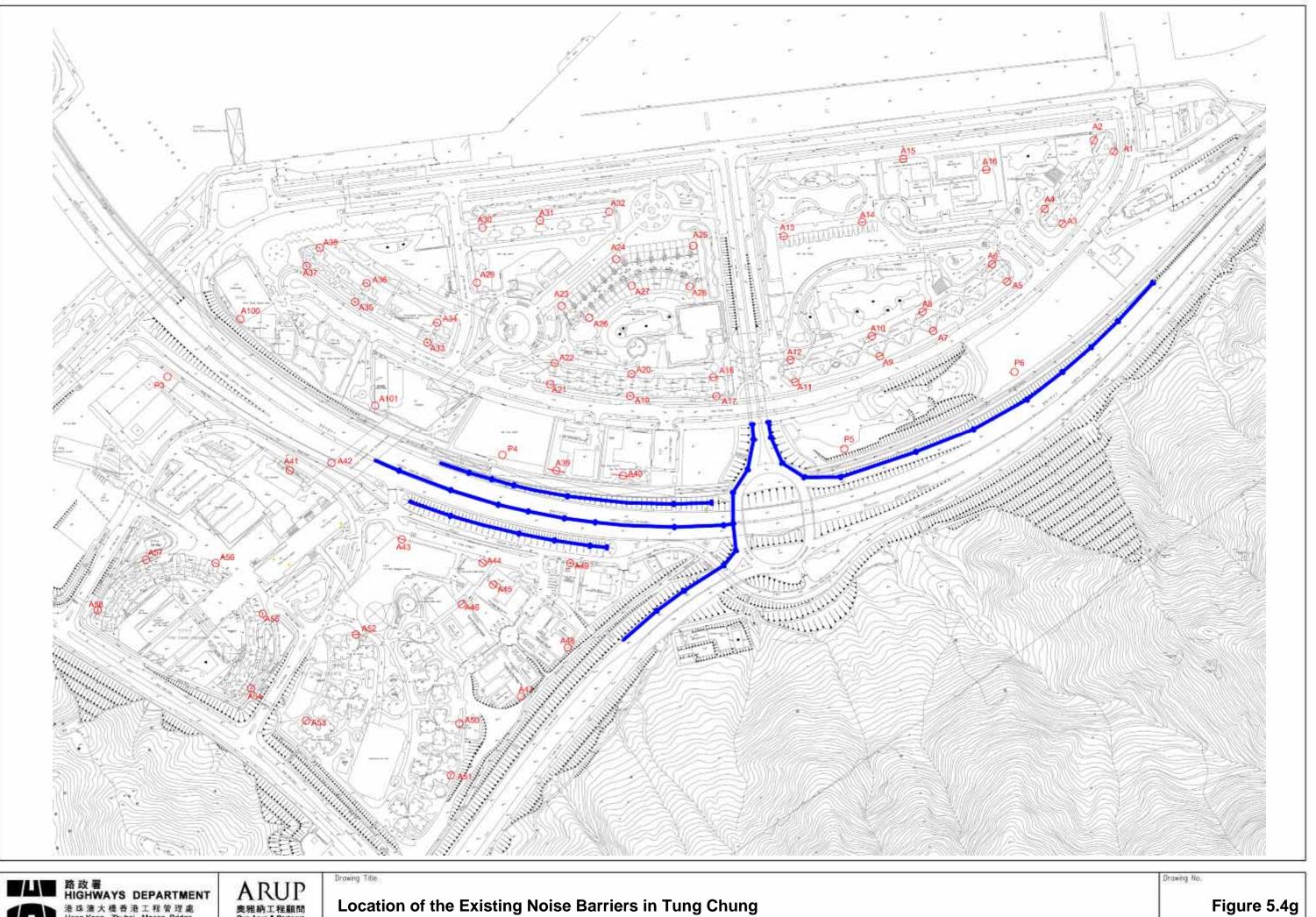


Drawing Title

Location of Operational Air Quality Emission Sources – Sheet 5

Drawing No.

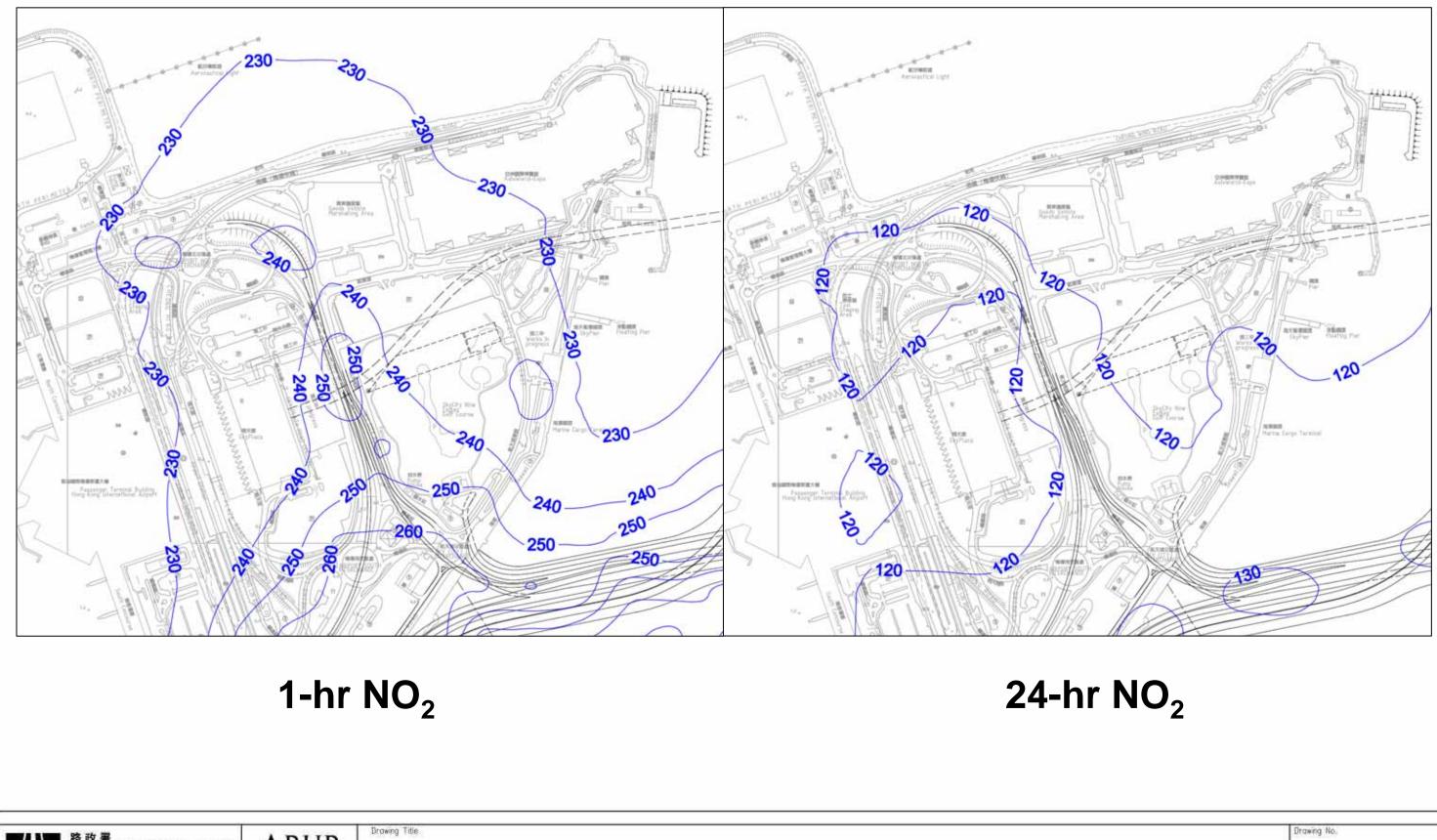
Figure 5.4f







Location of the Existing Noise Barriers in Tung Chung



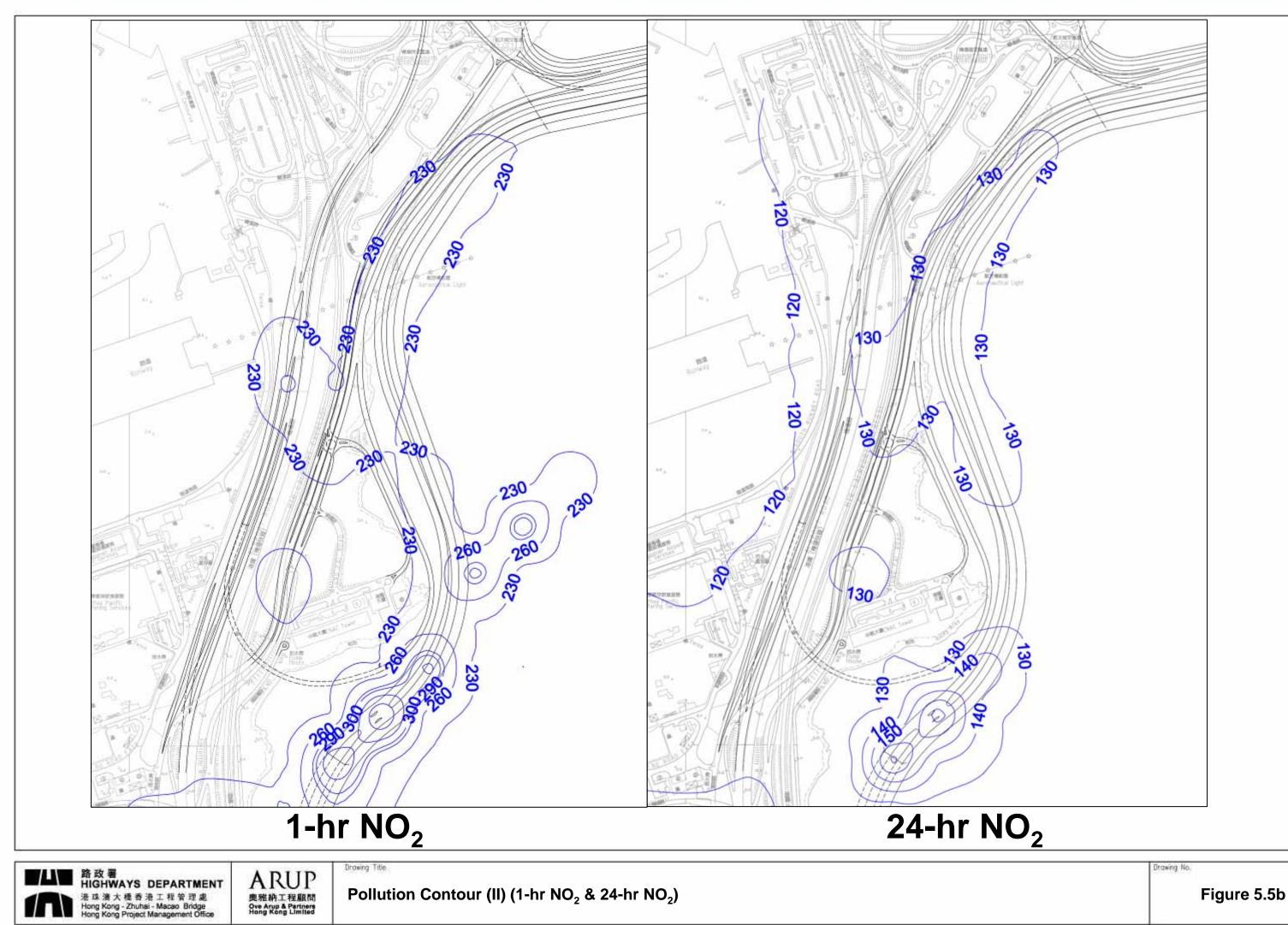




Pollution Contour (I) (1-hr NO₂ & 24-hr NO₂)



Figure 5.5a









Drawing Title

Pollution Contour (III) (1-hr NO₂ & 24-hr NO₂)

Drawing No.

Figure 5.5c