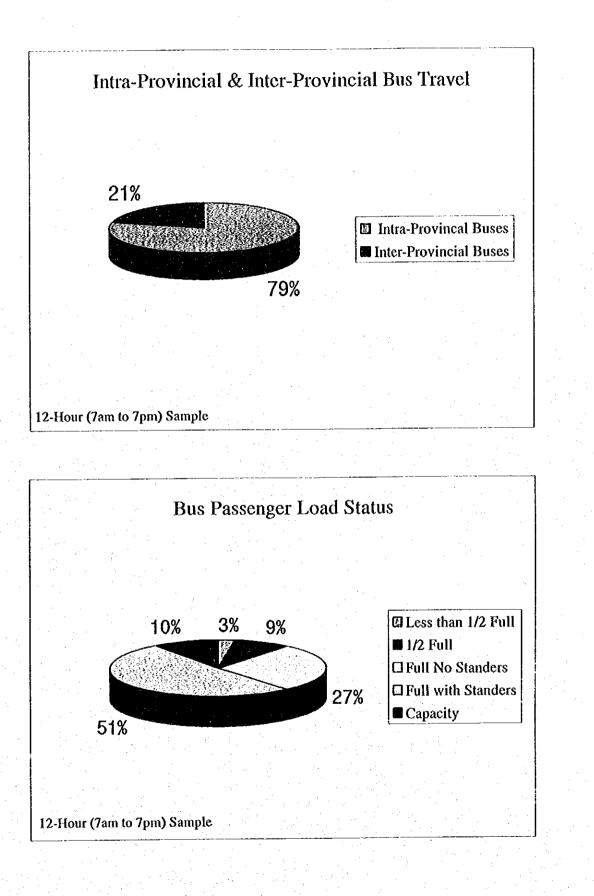
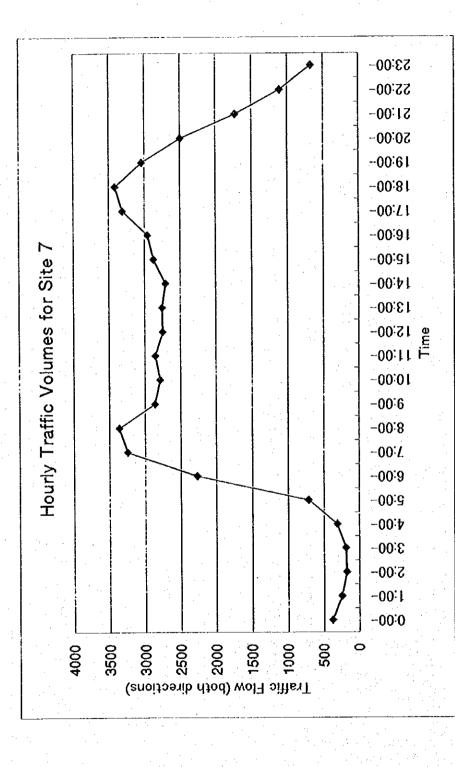


Bus Passenger Volume Survey Extract



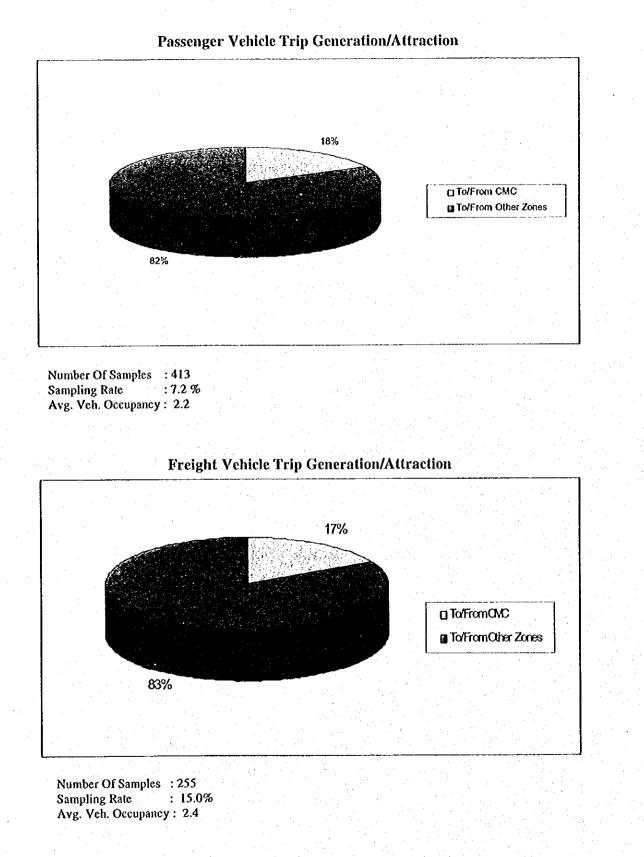
Traffic Volume Survey Extract

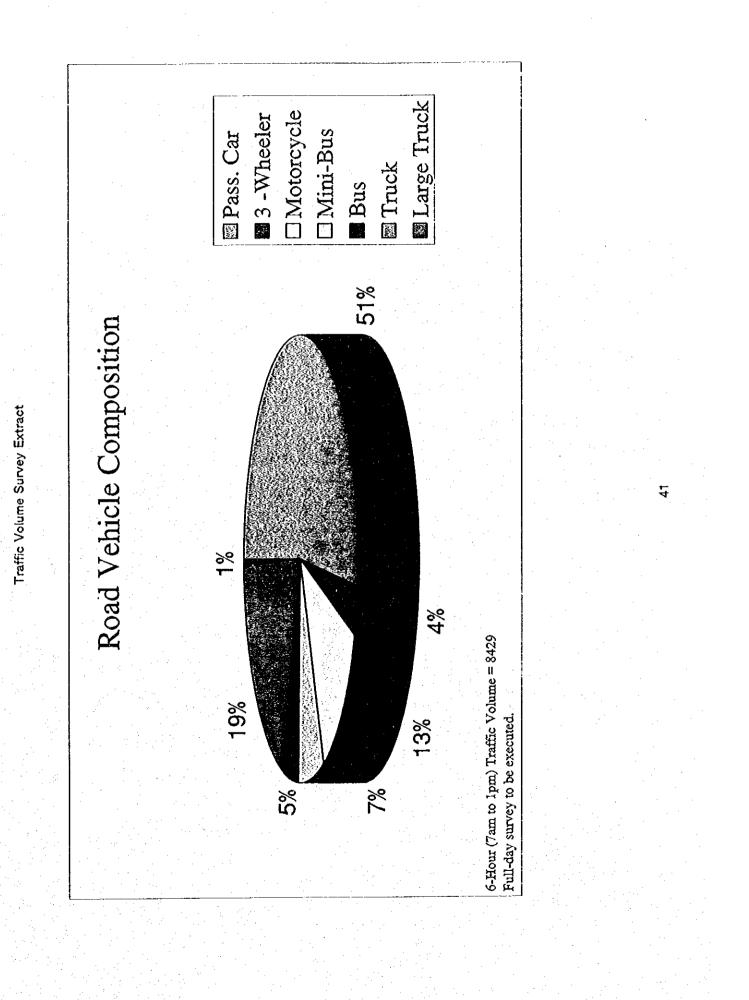


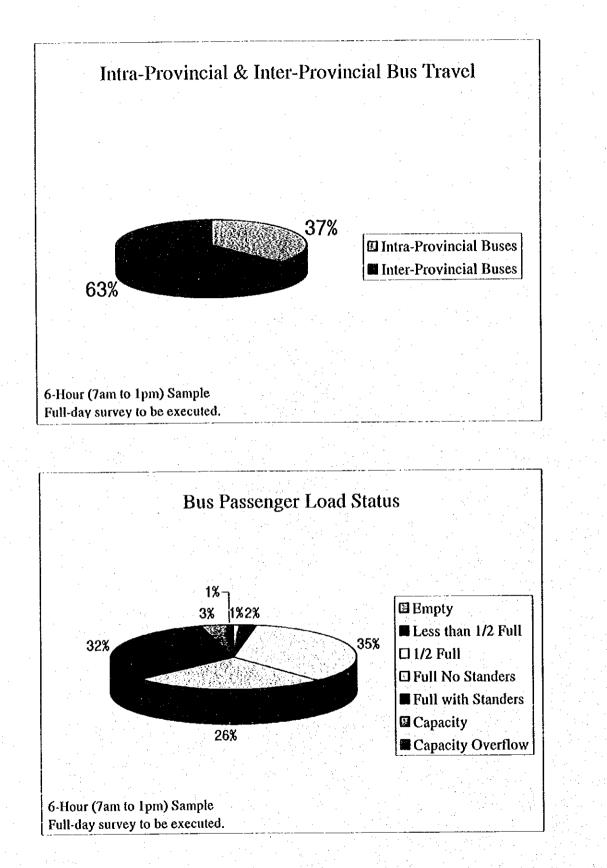
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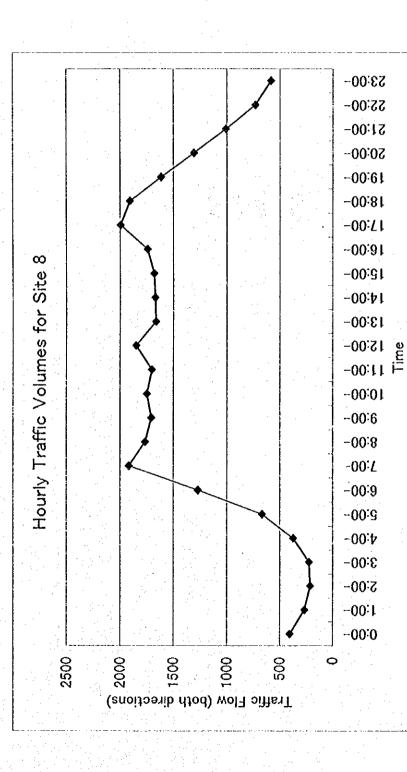
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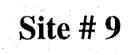




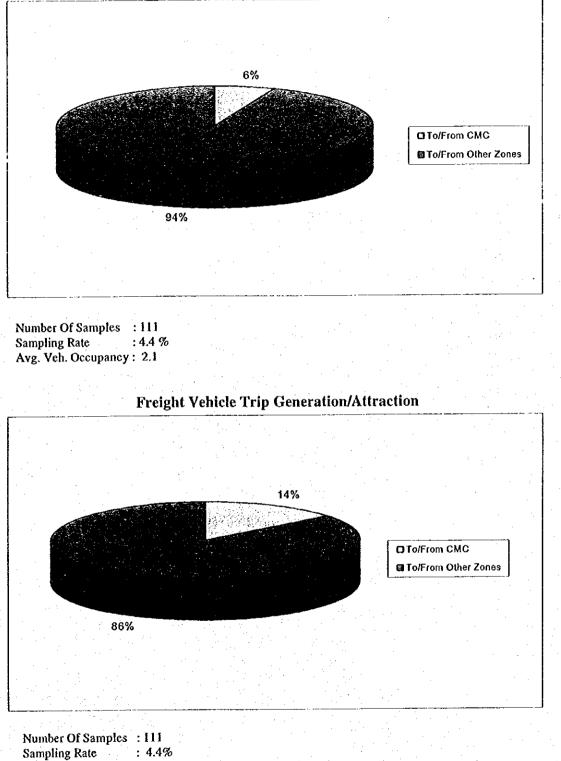




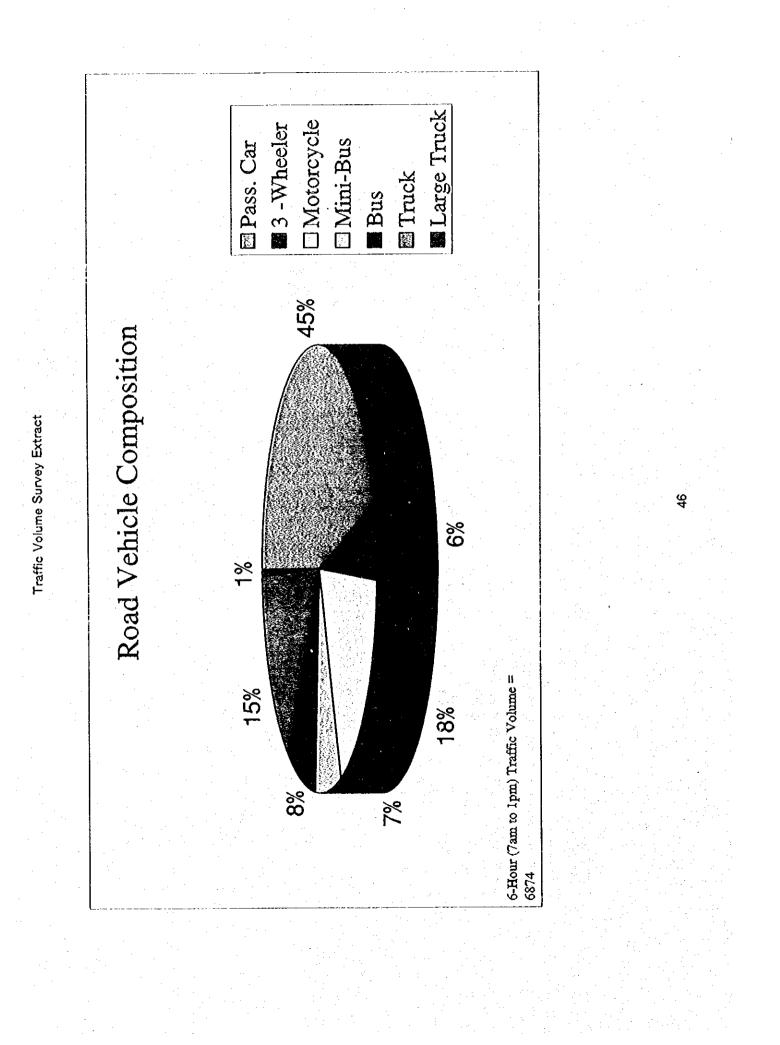


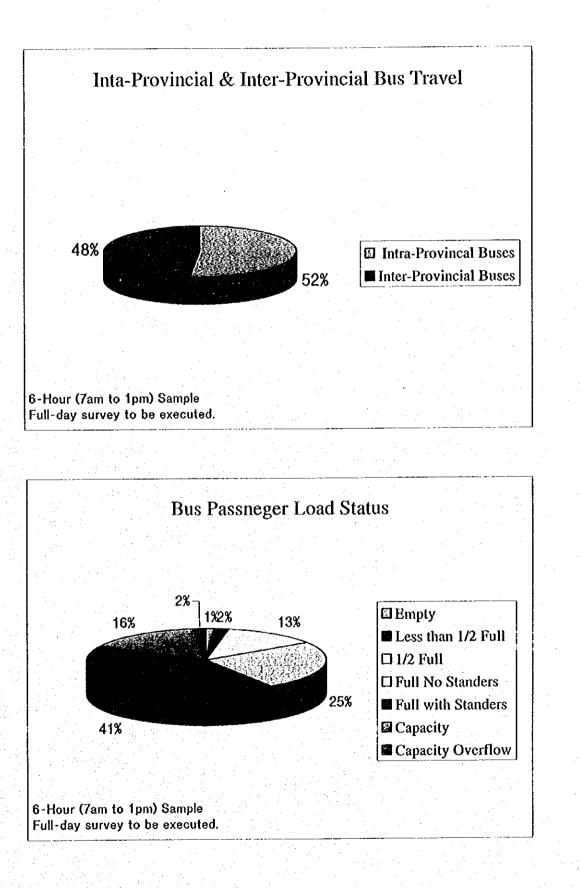




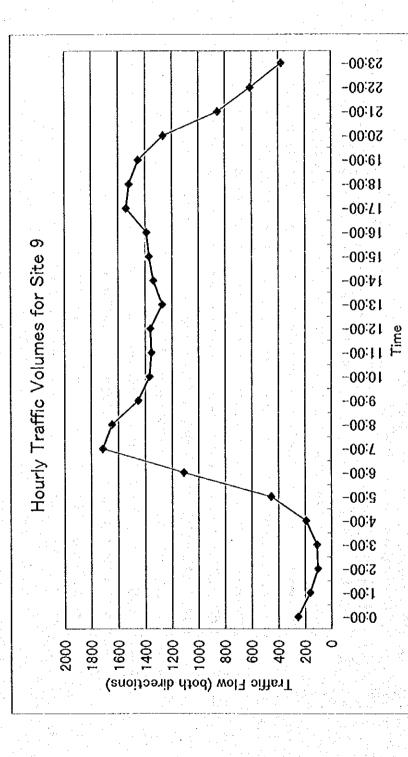


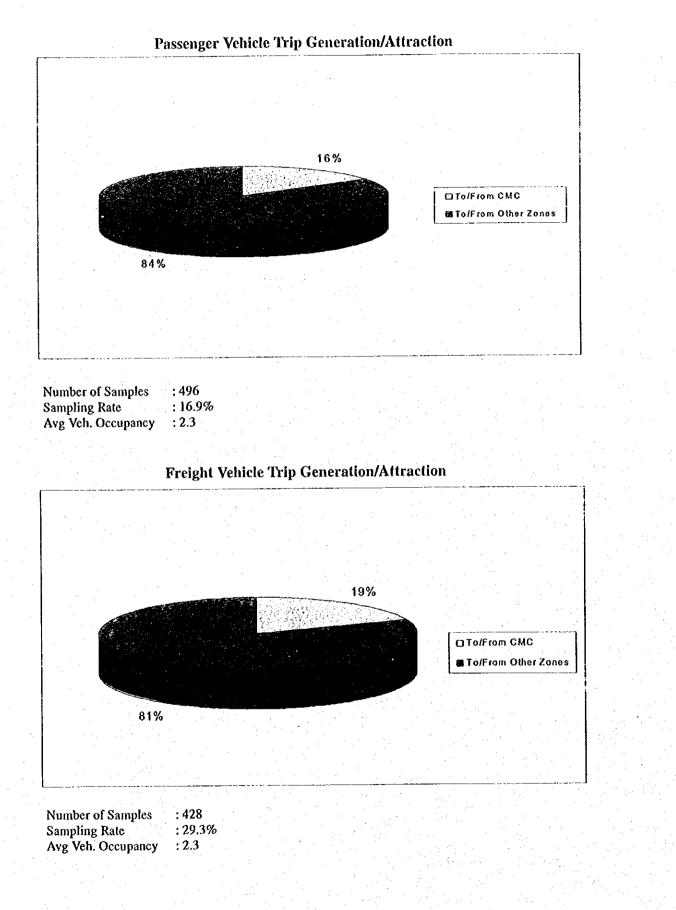
Avg. Veh. Occupancy : 2.1

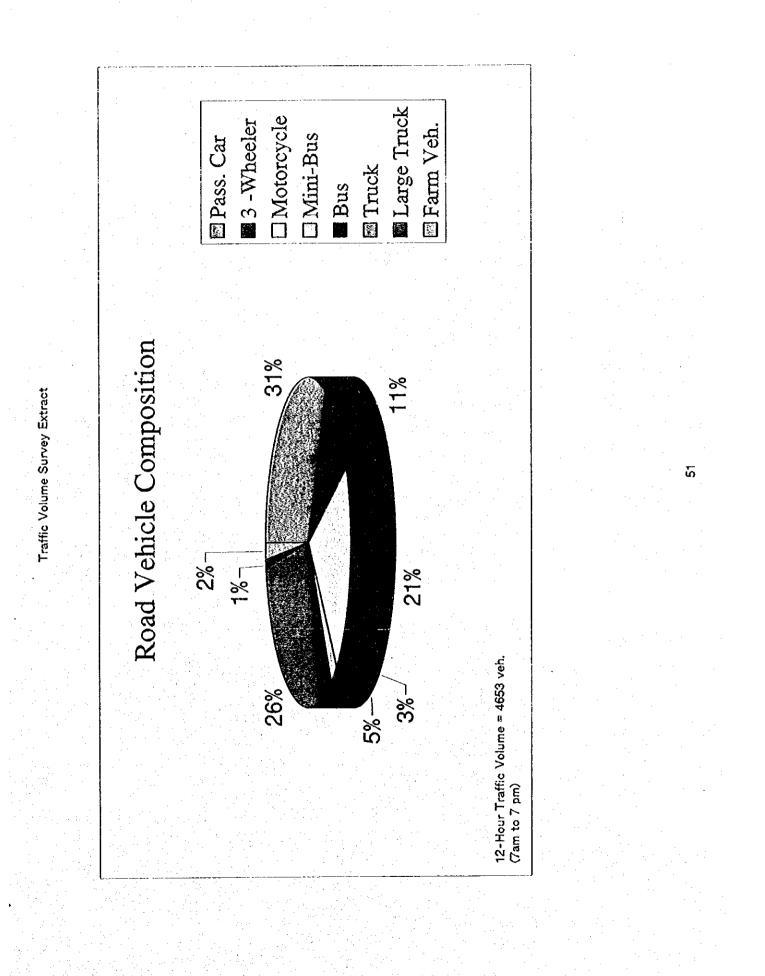




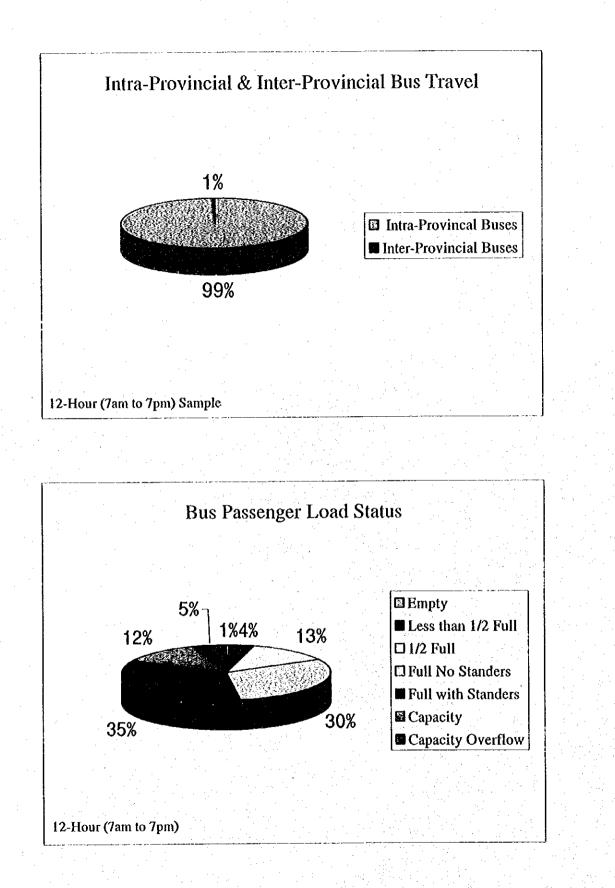
Traffic Volume Survey Extract

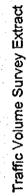


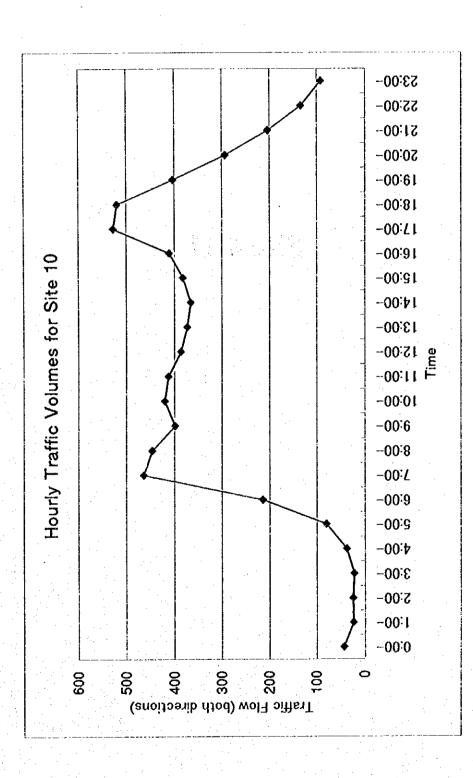


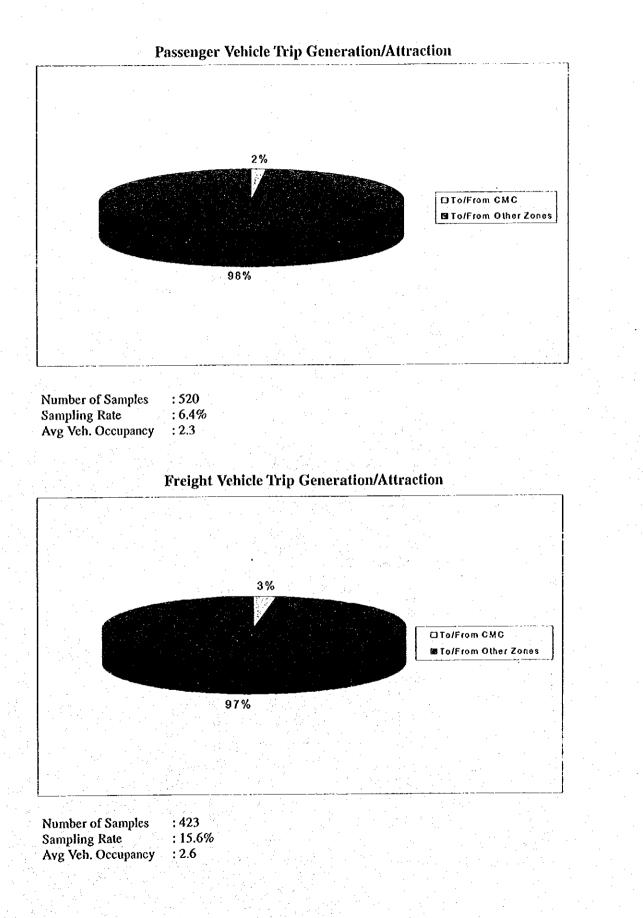


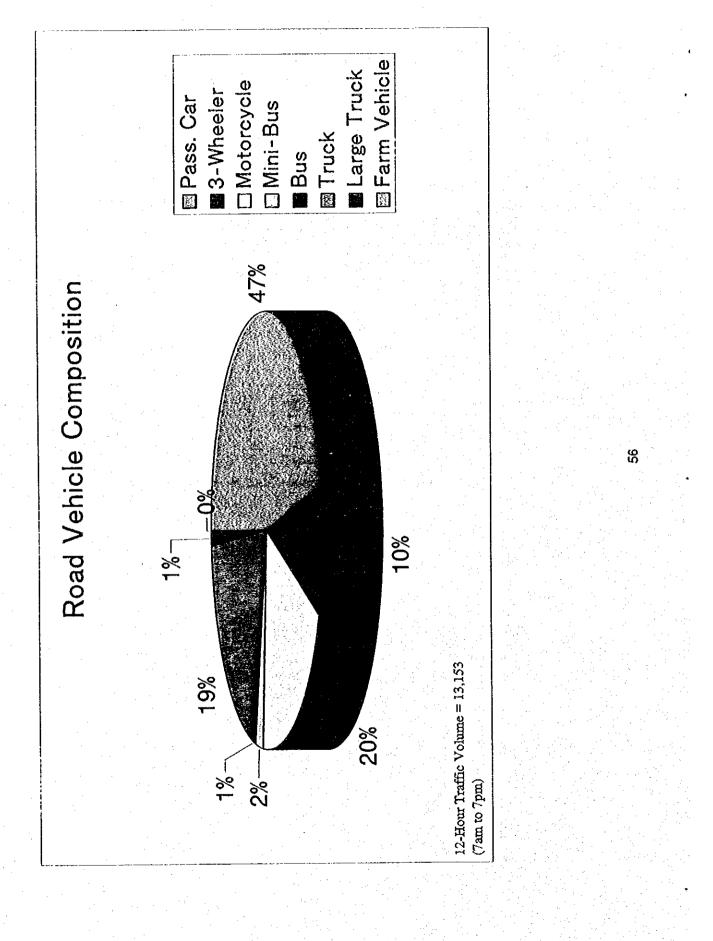
Bus Passenger Volume Survey Extract





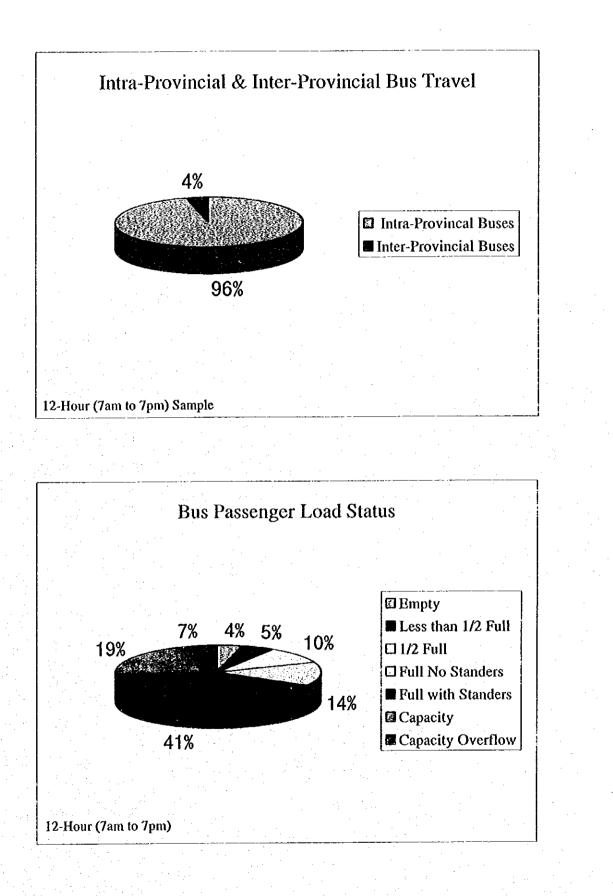






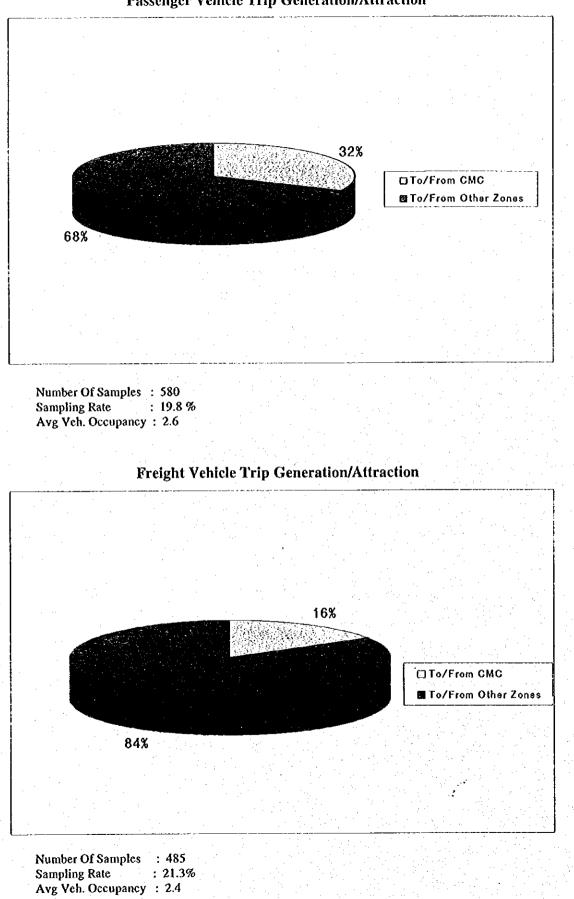
Traffic Volume Survey Extract

Bus Passenger Volume Survey Extract

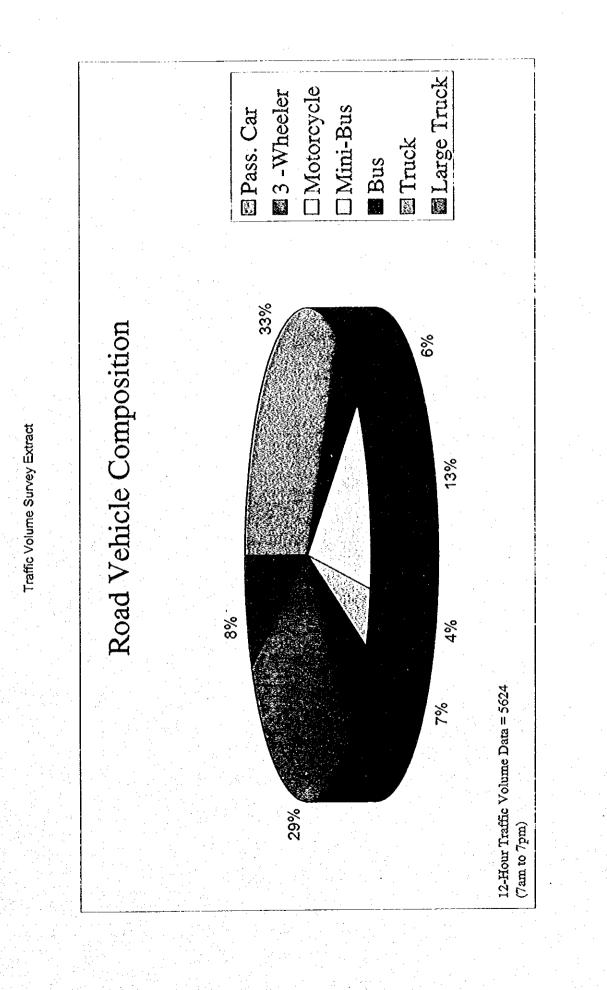


53:00--00:22 21:00--00.00 -00:61 -00:81 -00:71 -00:91 Hourly Traffic Volumes for Site 11 -00:91 -00:11 -00:61 -00:11 -11:00--11:00--00:01 -00:6 -00:8 -00:7 -00:9 -00:3 -00:4 -00:8 -00:2 -00:1 -00:0 200 Traffic Flow (both directions) 0 1600 1400

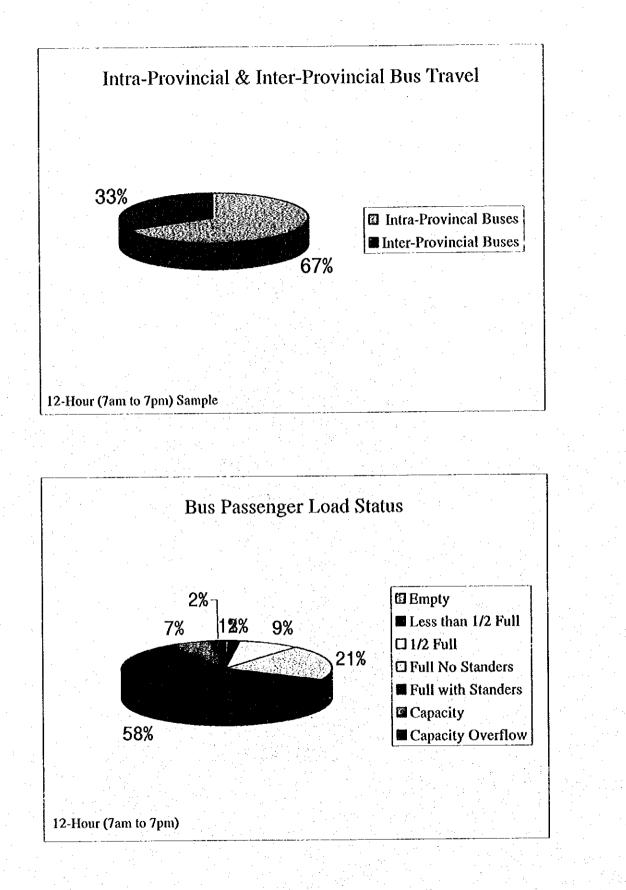
Traffic Volume Survey Extract

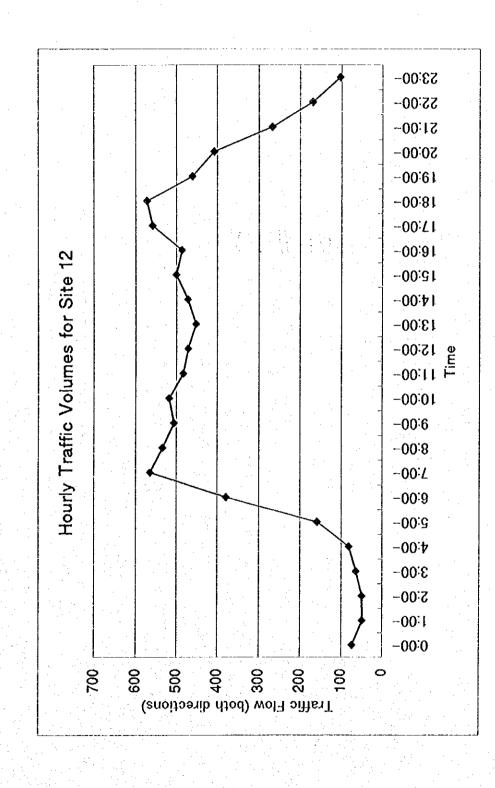


Passenger Vehicle Trip Generation/Attraction



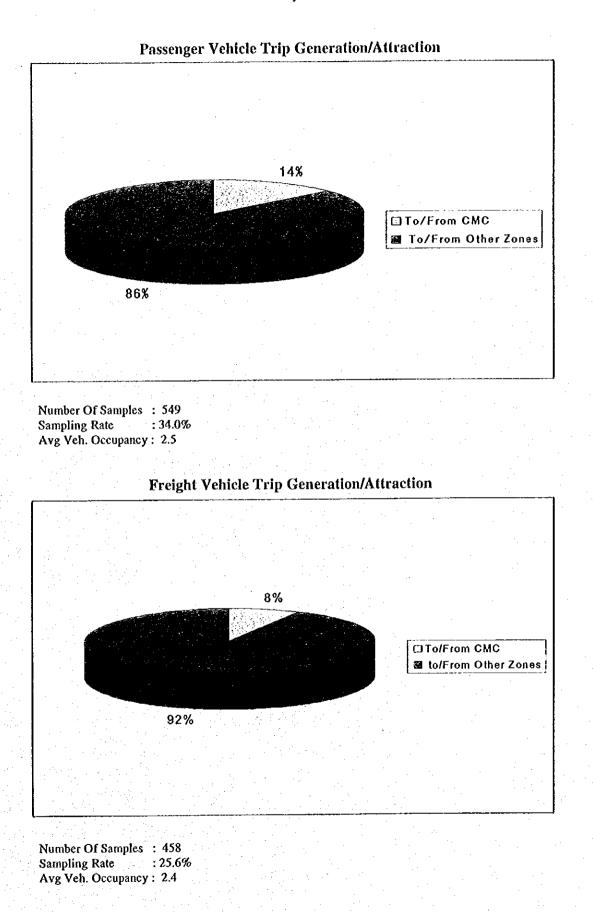
Bus Passenger Volume Survey Extract

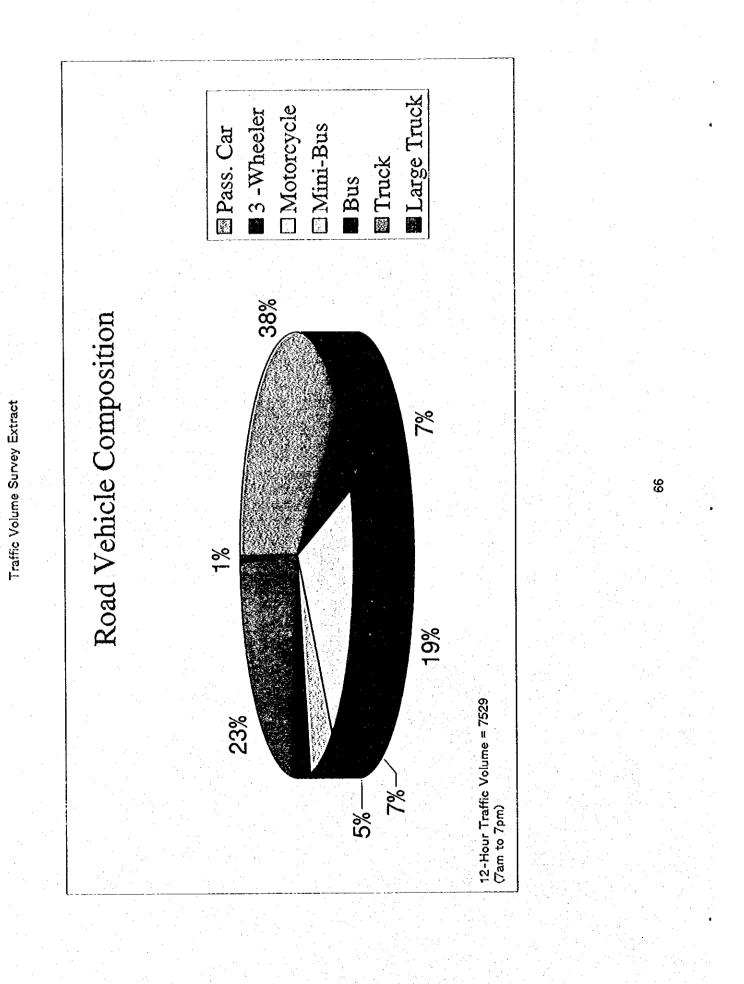




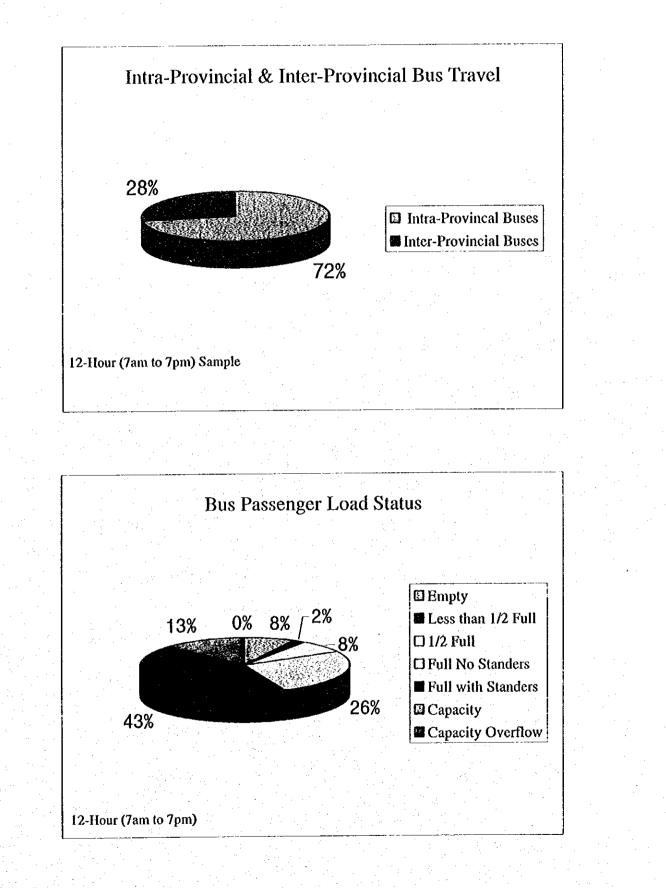
Traffic Volume Survey Extract

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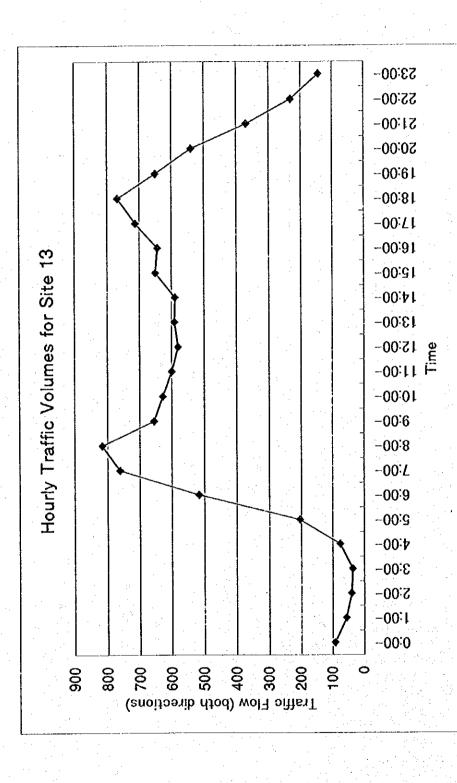




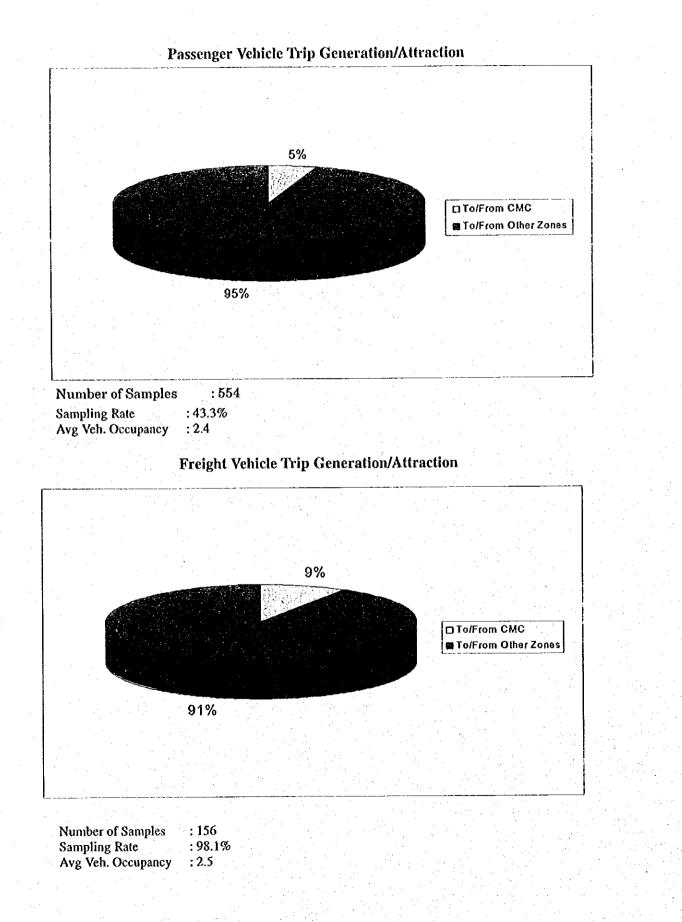
Bus Passenger Volume Survey Extract

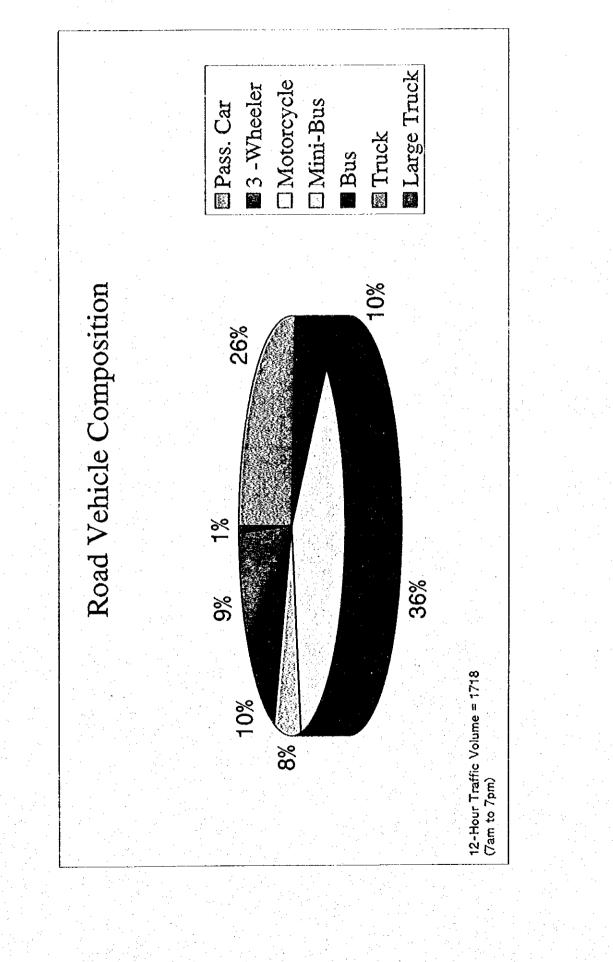


Traffic Volume Survey Extract



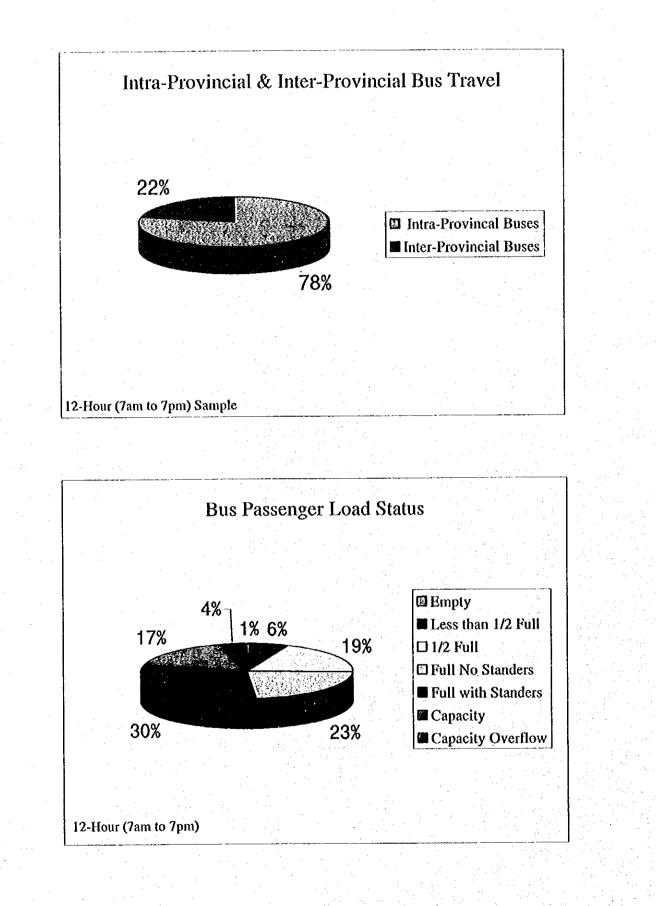
OD Survey Extract

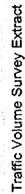


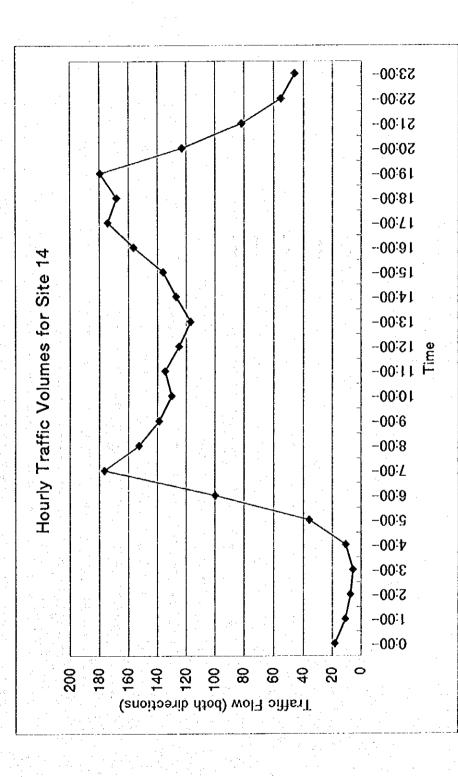


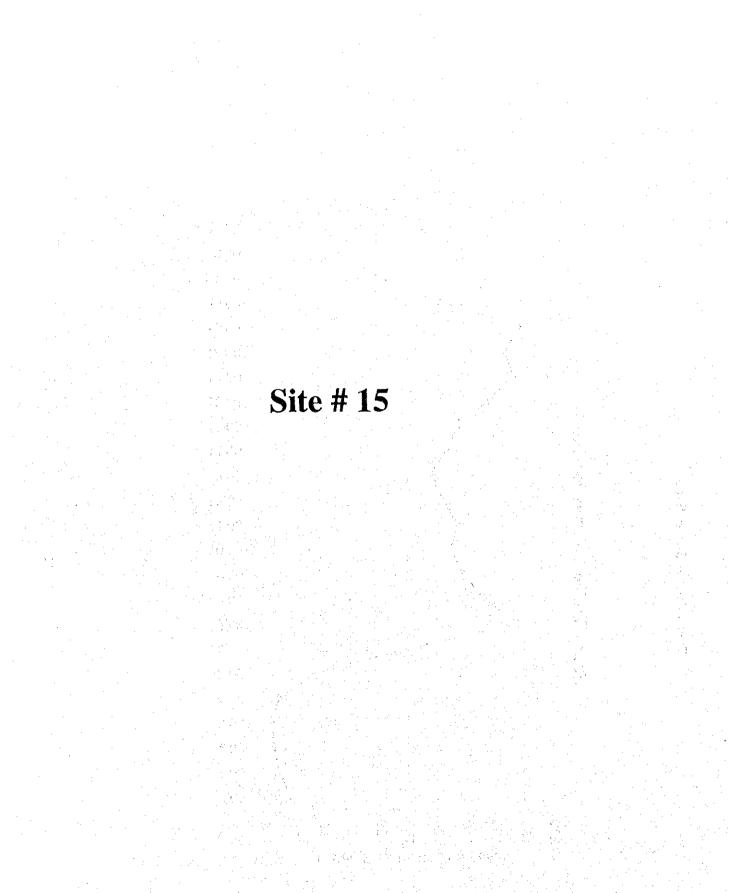
Traffic Volume Survey Extract

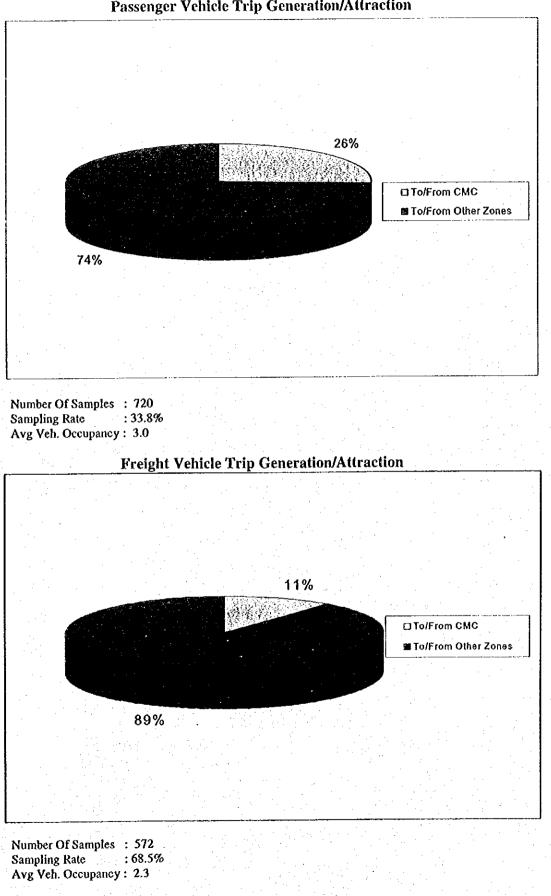
Bus Passenger Volume Survey Extract



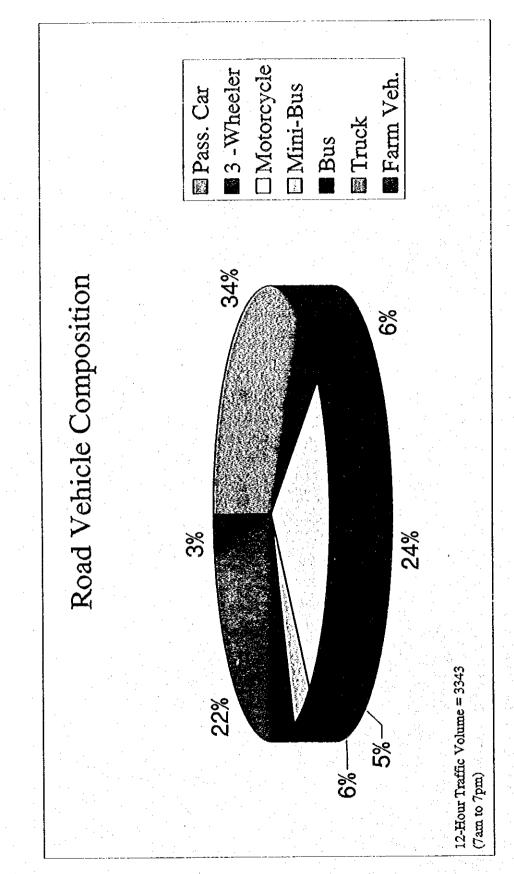






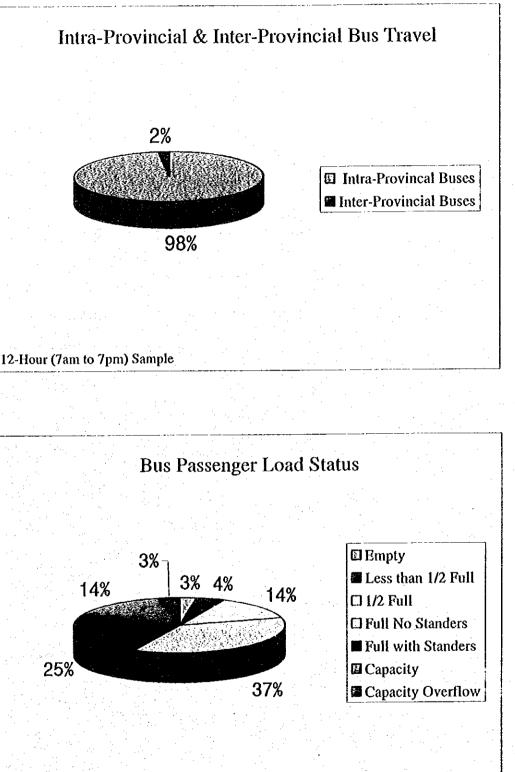


Passenger Vehicle Trip Generation/Attraction



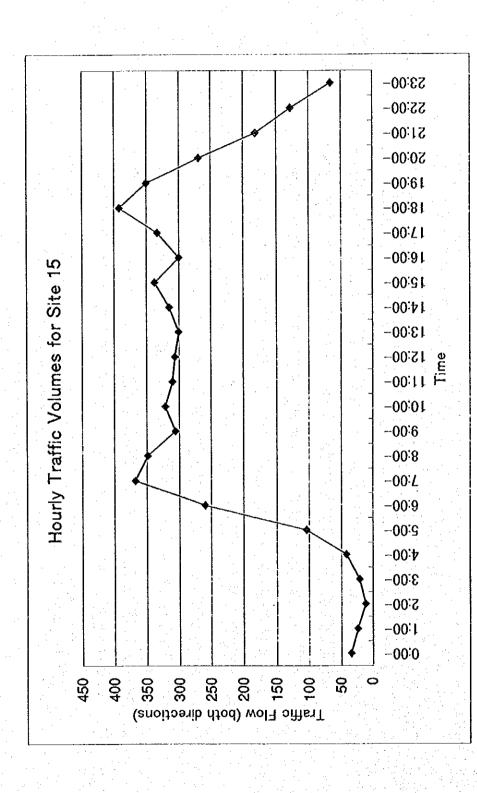
Traffic Volume Survey Extract

Bus Passenger Volume Survey Extract



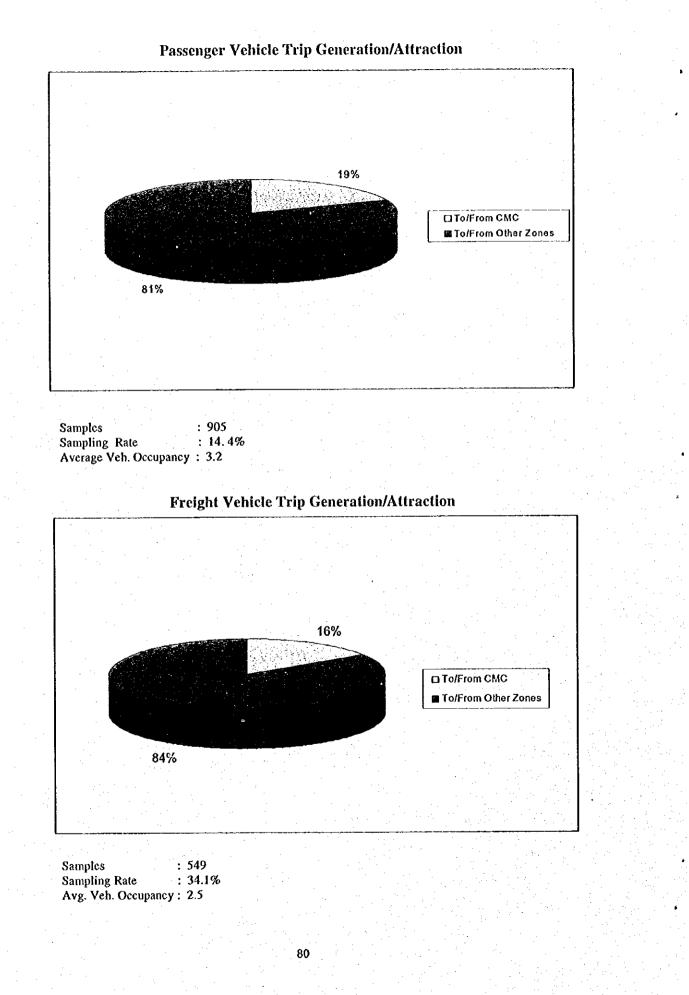
12-Hour (7am to 7pm)

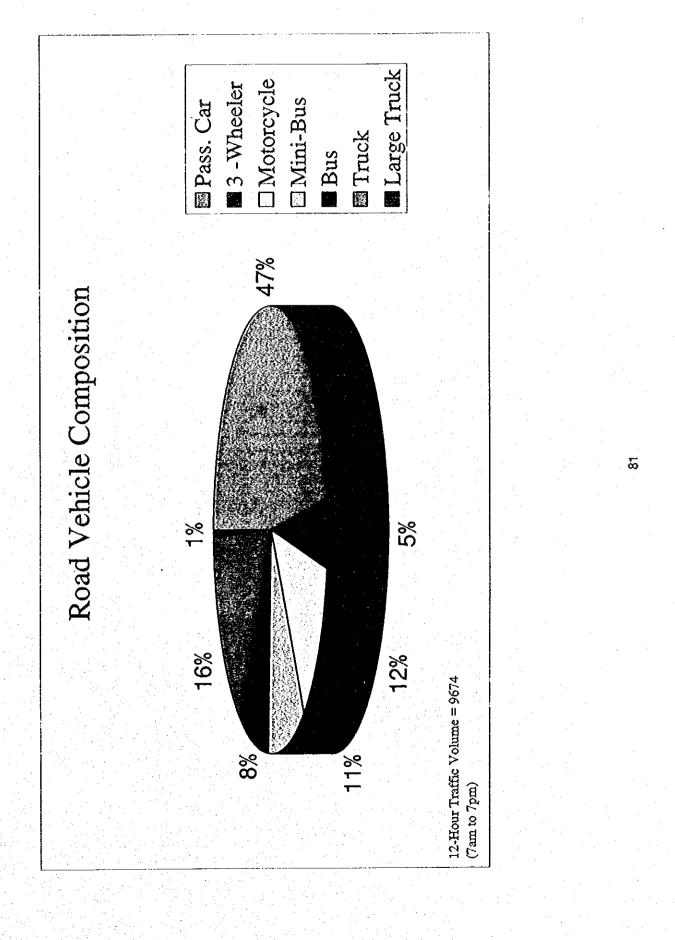
Traffic Volume Survey Extract



Site # 16

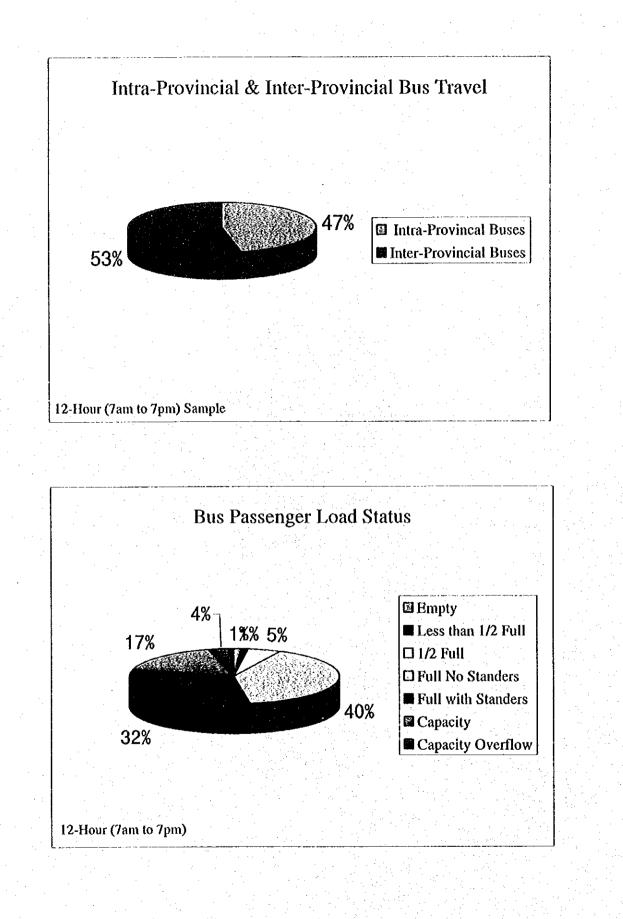
OD Survey Extract

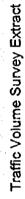


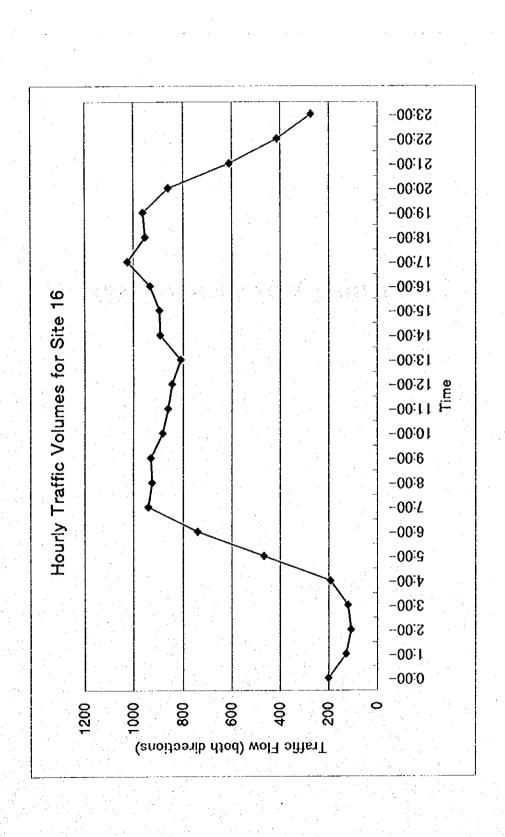


Traffic Volume Survey Extract

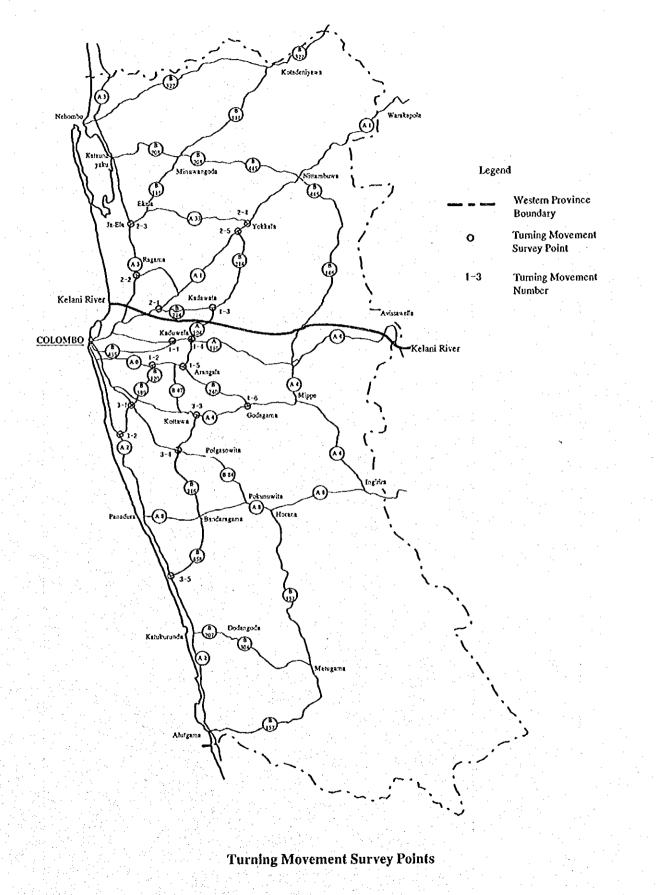
Bus Passenger Volume Survey Extract







1.2 Turning Movement Survey



		Turn	ing Movement Ratio	o (%)
Site	Direction	Left	Straight	Right
	North			
	South	46.1		53.9
1-1	West		44.9	55.1
	East	33.8	66.2	
	North			
· · ·	South	97.7		2.3
1-2	West		70.1	29.9
	East	0.7	99.3	
	North			75.2
1-3	South	24.8		53.8
	West		46.2	
	East	84.8	15.2	
	North	20.0	55.1	24.9
1-4	South	19.5	56.6	23.9
	West	16.9	55.7	27.4
	East	19.1	58.3	22.6
	North			
1-5	South	82.3	-	17.7
10	West		61.2	38.8
	East	12.9	87.1	
	North	31.1	23.0	45.9
1-6	South	73.6	19.6	6.8
1-0	West	3.9	83.0	13.1
	East	15.7	66.6	17.7
	North	3.1	96.9	
2-1	South		82.1	17.9
2-1	West		$ \neg \neg$	
	East	95.9	—	4.1
	North	7.1	92.9	— — — — — — — — — — — — — — — — — — —
	South		85.3	14.7
2-2	West		—	
	East	77.2		22.8
	North	3.1	96.9	
11	South	· · · · · · · · · · · · · · · · · · ·	69.4	30.6
2-3	West		-	
	East	96.1		3.9
	North	4.5	74.0	21.5
	South	10.9	79.2	9.8
2-4	West	25.8	54.1	20.2
	East	41.4	34.2	24.3
	North	34.8	65.2	
	South		94.1	5.9
2-5	West			
	East	8.8		91.2

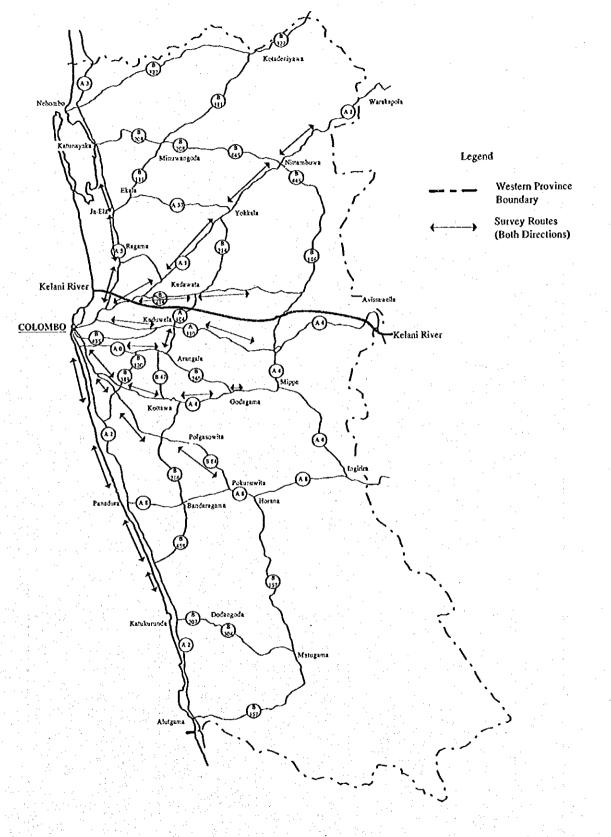
Turning Movement Ratios of Major Intersections

Turning Movement Survey Extract

	D!	Դև	rning Movement (%)
Site	Direction	Left	Straight	Right
	North	6.9	67.9	25.2
	South	8.0	86.3	5.8
3-1	West	39.9	48.2	11.9
	East	11.4	74.7	13.9
	North	3.8	96.2	-
	South		79.9	20.1
3-2	West	. 		
	East	87.1		12.9
	North			-
	South	75.0		25.0
3-3	West	· · ·	58.3	41.7
i de de	East	20.8	79.2	-
	North	a da anti-		_
	South	83.2		16.8
3-4	West	7.7	92.3	
· · · ·	East		51.8	48.2
	North	10.1	89.9	
.	South		89.0	11.0
3-5	West		-	
	East	64.6		35.4

Turning Movement Ratios of Major Intersections (Continued)

1.3 Travel Speed Survey

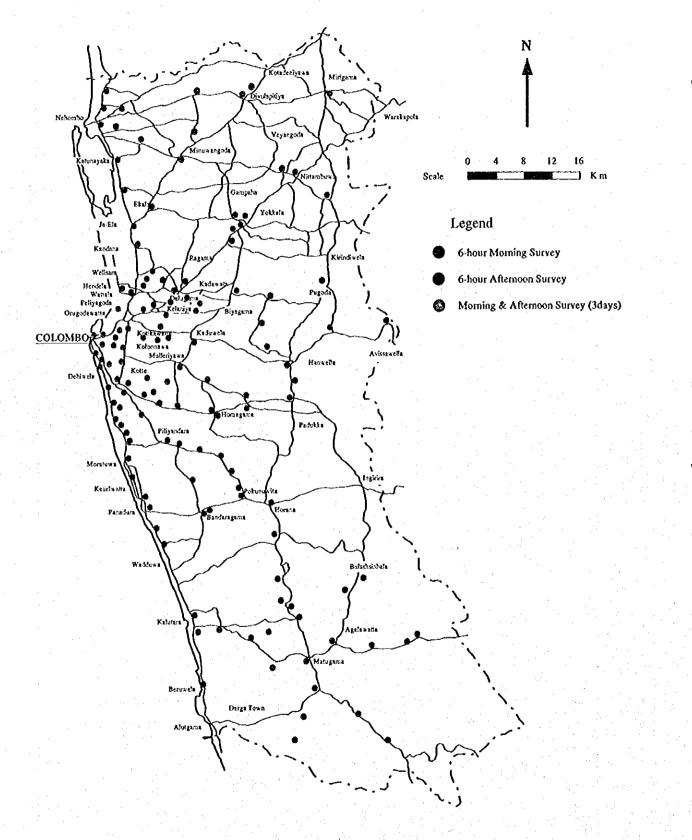


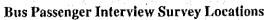
Travel Speed Survey Routes

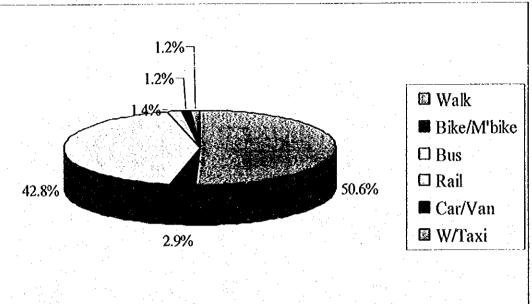
Item No.	Average Travel S Route Line	Directions	Time of Day	Average Travel Speed
ICHI INO.	Route Linte	Directions	······	(km/h)
Anton a securitaria a		To Colombo	Moming Peak	31.93
1	Kandy Road	10 001011100	Off Peak	37.58
1	(Nittambuwa - Orugodawatte)		Evening Peak	34.03
	(THRAIDOWA - OLUGODAWARD)	From Colombo	Morning Peak	35.84
		TION COMMON	Off Peak	34.98
			Evening Peak	32.23
		To Colombo	Morning Peak	22.06
2	Hishland Bood	TO COLOMOU	Off Peak	29.46
Z	Highlevel Road		Evening Peak	28.95
	(Meepe - Fort)	From Colombo	Morning Peak	28.21
		FIOM COLOMO	Off Peak	30.64
			Evening Peak	25.71
		To Colombo	Morning Peak	23.12
_			Off Peak	32.20
3	Sri Jayawardanepura Road			29.56
	(Kaduwela - Kollupitya)	<u> </u>	Evening Peak	37.30
		From Colombo	Morning Peak	32.49
			Off Peak	
			Evening Peak	29.09
		To Colombo	Morning Peak	35.37
4	Negambo Road	an a	Off Peak	37.18
	(Katunayake -	an an tha an tha	Evening Peak	37.21
	Ingurukade Junction)	From Colombo	Morning Peak	42.99
			Off Peak	37.06
		an a	Evening Peak	39.70
		To Colombo	Morning Peak	28.91
5	Galle Road		Off Peak	33.61
	(Kalutara - Kollupitiya)		Evening Peak	34.67
		From Colombo	Morning Peak	36.30
			Off Peak	33.97
			Evening Peak	30.86
		To Colombo	Morning Peak	27.08
6	Horana Road		Off Peak	33.23
	(Pokunuwita - Vilasita Niwasa)		Evening Peak	26.69
		From Colombo	Morning Peak	29.34
			Off Peak	33.40
· .			Evening Peak	30.03
<u>.</u>	+	To Colombo	Morning Peak	33.40
7 -	Parallel to Kelani River		Off Peak	32.00
	(Dompe - Peliyagoda)		Evening Peak	32.84
	Leoute contigoont	From Colombo	Morning Peak	33.15
			Off Peak	34.89
			Evening Peak	29.57
		To Colombo	Morning Peak	35.64
8	Old Awissawella Road		Off Peak	33.36
0	(Hanwella - Orugodawatte)		Evening Peak	35.59
	(Italiwena - Otogouawatte)	From Colombo	Morning Peak	37.85
			Off Peak	35.83
			Evening Peak	33.48
		<u> </u>	I Brennig I cak	32.41
	Average Morning Peak Tr	ravel Speed		32.41
	Average Off Peak Travel	Speed		
	Average Evening Peak Tr		Andriff a constant of an	31.89
	Average Daily Travel Spe	ed	an a	36.16

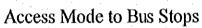
Average Travel Speed on Major Routes in Colombo

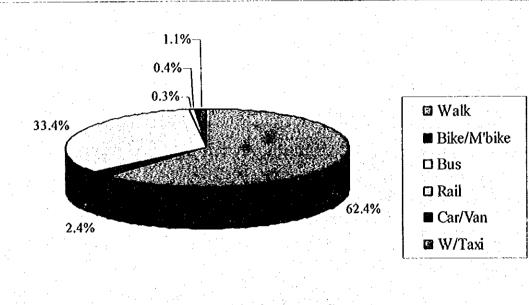
1.4 Bus Passenger Interview Survey



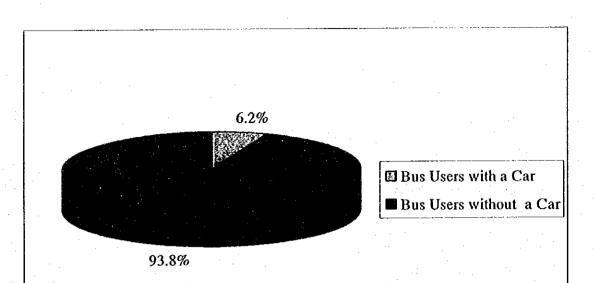


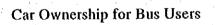


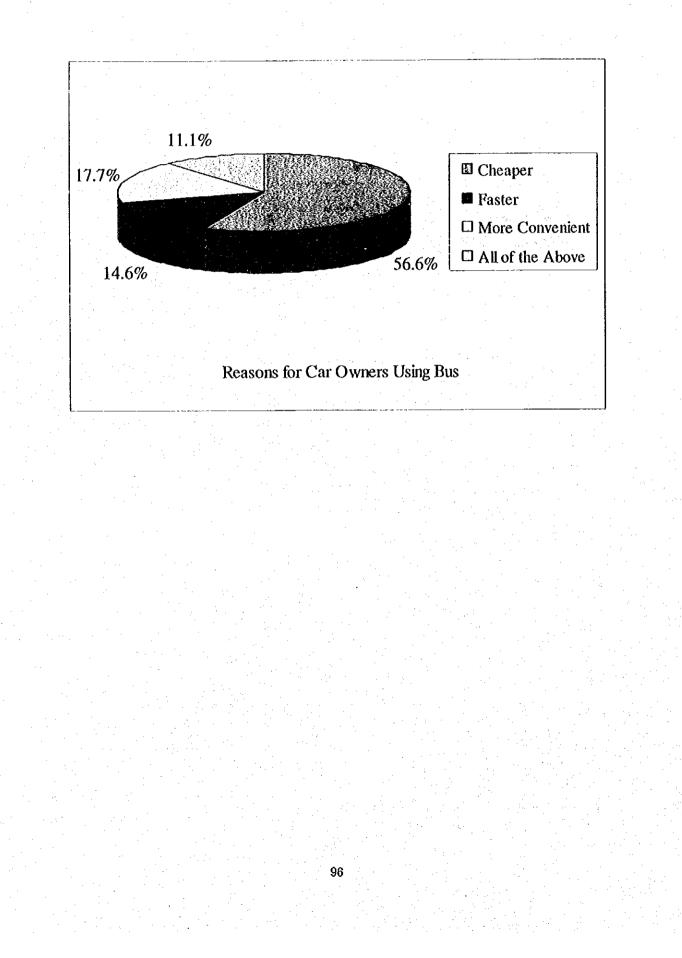




Egress Mode from Bus Stops







2. Traffic Model Results

2.1 Calibration Results

Ттір Туре	Variable	R ²
1. Car Home-Based Work Trip	Cars/capita	0.82
Car Home-Based Other Trip	Ditto	0.87
Car Non-Home-Based Trip	Ditto	0.85
2. Three-Wheeler Home-Based Work Trip	Cars/capita	0.79
Three-Wheeler Home-Based Other Trip	Ditto and Ditto	0.88
Three-Wheeler Non-Home-Based Trip	Ditto	0.86
3. Motorcycle Home-Based Work Trip	Cars/capita	0.89
Motorcycle Home-Based Other Trip	Ditto	0.90
Motorcycle Non-Home-Based Trip	Ditto	0.86
4. Bus Trip	Population	0.70
5. Truck Trip	Cars/capita	0.87

Variables & Calibration Results for Vehicle Trip Generation Models

Variables & Calibration Results for Vehicle Trip Attraction Models

Ттір Туре	Variable	R ²
1. Car Home-Based Work Trip	Population	0.55
Car Home-Based Other Trip	Ditto	0.68
Car Non-Home-Based Trip	Ditto	0.58
2. Three-Wheeler Home-Based Work Trip	Population	0.55
Three-Wheeler Home-Based Other Trip	Ditto	0.51
Three-Wheeler Non-Home-Based Trip	Ditto	0.64
3. Motorcycle Home-Based Work Trip	Population	0.53
Motorcycle Home-Based Other Trip	Ditto	0.41
Motorcycle Non-Home-Based Trip	Ditto	0.65
4. Bus Trips	Population	0.64
5. Truck Trips	Population	0.70

	Тгір Турс	Estimated Parameter	Correlation Coefficient
	Home-Based Work Trip	-0.8	0.97
Passenger car	Home-Based Other Trip	-0.6	0.94
	Non-Home-Based Trip	-0.8	0.97
	Home-Based Work Trip	-0.9	0.76
3-Wheelers	Home-Based Other Trip	Card -1.0	0.95
	Non-Home-Based Trip	2.1.1.1	0.96
	Home-Based Work Trip	- 0.7	0.92
Motorcycle	Home-Based Other Trip	n -1.1 - 2	0.90
	Non-Home-Based Trip	-0.6	10.95 (e.e.)
Truck the se		-1.4	0.80
Bus		-0.6	0.73

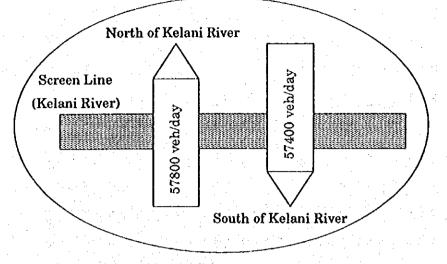
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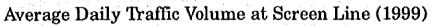
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Vehicle Trip Distribution Model Parameters & Calibration Results





Observed / Modeled North of Kelani River : 1.023 South of Kelani River : 1.076

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Vehicle OD Matrix for 1999

102

Vehicle OD Matrix for 1999 Vehicle Type : All Trip Type : All

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1 Negombo	0	1778	666	765 3		4101 1	179 4		-	171 9	1 94	21	5	8	8	8	127	357	292	579 2	266 199	39 289	39 1243	382	2 326	5 220	919	272	239	15304
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3 Ja-Ela	326	572	0		1	3343 1(1093			12 59			÷		1	75													213	12:07
4 Wattala	725	494	629	0	8	5283 11	1562 4	411 1	131 1	31 6	8	• •	÷,	1	÷	32	· ',	•											265	14307
5 Kelaniya	486	301	328	965	, 0 0	4847 11	1371 3	347 1	114	114 . 5	8 2	:	·: '		Ġ.,	5						• .			. •				231	12769
6 Colombo	5441	2994	3010 81	3029 45	1526	0 27.	27378 55	5912 17	783 161	610 71	7 68					1078						-	7		-	_	**	-	2465	102166
7 Nugegoda	1635	1048	937 2	2113 11	193 26	26105	8 0	2748 7	714 66	662 27	32	1.	÷		÷,	499					1		•					885 285	890	53283
8 Moratuwa	724	436 436	377	791 - 4	423 7	7367 3(3634	0.10	944	14 21	4 9			-	. •	4	•		÷.										8	23093
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10 Kalutara	241	127	112	203 0 1	ន	1727	74.8 6	640-10	090	0 11	3 10			4		979													160	7826
11 Beruwela	240	16	124	238 1	124	1592 🤇 🤆	694	375	205 2(204	61 0			1		112								1					158	6258
12 Matugama	55	141	115	218 1	116	1459 0	3	505	186 1	186 19	<u>ک</u>		÷.		÷	<u>1</u> 8					1	1						•	12	8377
13 Walaliawita	246	169	8	257 _ 1	52	1524	697	309	134 0 1	137 13	121 31		Ċ			3	ġ	÷,											13	6096
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16 Bulathsinhala	245	159	128	257 1	ទី	1606	748	335	138 1	162 8:	G 12					119													214	6464
17 Bandaragama	- 176	103	68	178	6	1373 (681 4	453	232 4:	424 5	8	2			· · ·	0													ផ	5807
18 Horana	530	139	119	235	ž	1602 - 1	766 4	401.	187 21	251 7	5 10		• •			240													133	6581
19 Kesbewa	667	385	340	692 3	3690	6768 3	3968 17	1763 . 4	434 5	522 16	.91	•			2	442													427	22263
20 Homagama	656	397	351	74.4 4	425	5446 2	2901 - 5	954	313 3.	317 0 14	0 15					235													2 8	19773
21 Kaduwelle	1068	651	596	1376 8	824 9	9765 4	4125 11	1185 4	445 44	449 201						330	-												364	30014
22 Kotonnawa	25	692	346	919 5	587 8	8183 ⁰ 34	3478 6	807	180	169 81				÷	÷.,	121	147										0 14		8	19811
23 Biyagama	381	265	254	633	416 . 2	2654 1	1082	291	10	105 5	4 4					74													Ř	9458
24 Mahara	518	307	296	748 4	47	3374 1	1075	318 1	115 . 1	116 5	59 · 56		÷.,			4					. 1		-						ĸ	11641
25 Gampaha	1302	664	957	742 4	438	3957 1:	1212 4	403 F	156 11	160 8	88 88					<u>8</u>													238	15518
26 Minuwangoda	323	794	428	517 2	75	2404	206	278	11 . 86	101 . 5	55 49	. •				3		÷											ţ	10625
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30 Weke	627	381	350	1		3167 1	1159	369	54 54 5		5 7	5 20				2	. 1										-	0	366	12406
31 Hanwella	631	529	444	943 5	504	5493 2	2253	761	287 3	310 15	155 16:	2 46				210	202	514			151 4	15 31				0 165	5 289	301	0	19129
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Vehicle OD Matrix for 2010 Vehicle Type : All Trip Type : All Vehicle OD Matrix for 2010

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	2	451	325	377	590	83	6522	2971	737	212	214	5	6	196	36	8	217	219	227	157	6/9	1289	0	473	389	426	27	283	334	33	335	969	21013
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			514	1863	1424	1000	8457	3024	1426	501	527		รั 	577	261				·	1326	1285	2046	1	306	1078	2513	da 1894	2426	1506	1691	1217	1665	48529
		1 Nacombo	2 Katana		4 Wattala	5 Keleniva	6 Colombo	7 Nuceroda	8 Moratuwa	9 Panadura	10 Kalutara	1.1 Beruwele	12 Maturama	13 Walaliawita	14 Azniawatte	15 Dodaneoda	16 Bulathainhai	17 Bandarasama	18 Honene	19 Keshawa	20 Homagama	21 Kaduwelle	22 Kolonnawa	23 Biyagama	24 Mahara	25 Gampaha	26 Minuwangodi	27 Divulapitiva		29 Attanagalla	30 Weke	31 Hanwella	
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Vehicle OD Matrix for 2020 Vehicle Type : All Trip Type : All

Vehicle OD Matrix for 2020

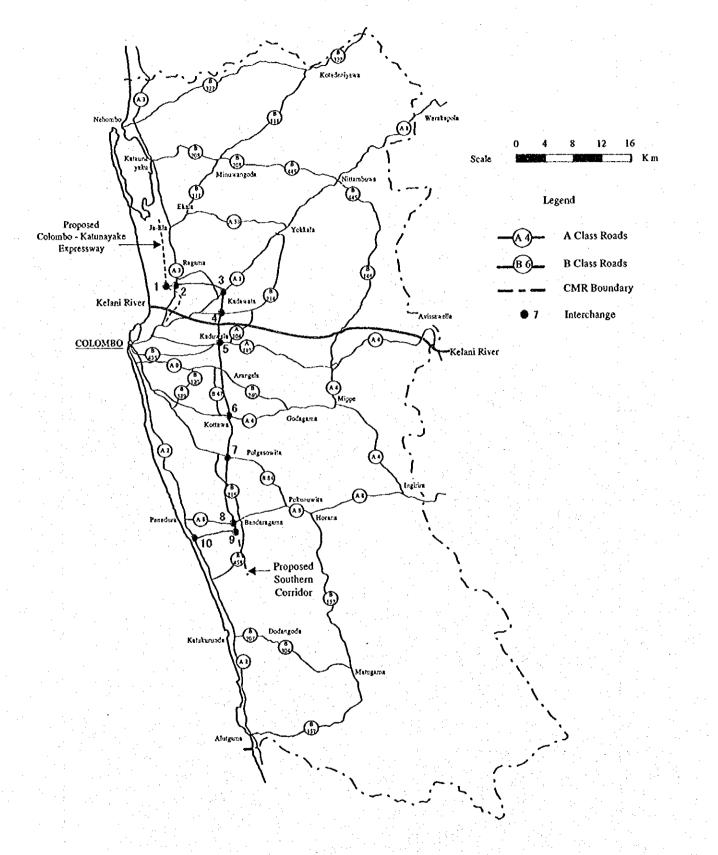
Site	Model Total (No. of Vehicle)	Observed (No. of Vehicle)	Model/Observed
1	52200	60000	0.87
2	37900	41800	0.91
3	9700	14900	0.65
4	39200	54500	0.72
5	28500	32200	0.89
6	20300	20600	0.99
7	34700	49200	0.71
8	25500	30000	0.85
9	21500	24300	0.88
11 1	16100	17000	0.95
13	7100	11000	0.65
16	12300	16000	0.77
17	14100	12900	1.09
19	46800	48100	0.97
20	31500	26400	1.19
21	16800	16300	1.03
23	9000	10200	0.88
26	19900	24000	0.83
27	9200	11700	0.79
28	13400	11500	1.17
29	10100	21000	0.48
30	5400	14100	0.38
31	16200	21300	0.76
34	17600	16800	1.05
Average			0.852

Comparison of Traffic Assignment Model Estimates with Observed Traffic Volumes

Route Line	Observed Daily Travel Speed		Modeled Daily Travel Speed	
	Range	Average	Average	
A1	29.3-39.0	34.4	36.6	
A4	18.8-32.9	27.5	32.9	
A104, A0	20.3-38.3	30.6	35.0	
A3	29.8-46.5	38.3	41.5	
A2	27.8-37.2	33.1	37.2	
B84	25.4-39.8	30	26.1	
B214	28.3-38.5	32.6	31.6	
A110	31.5-40.3	35.3	33.1	

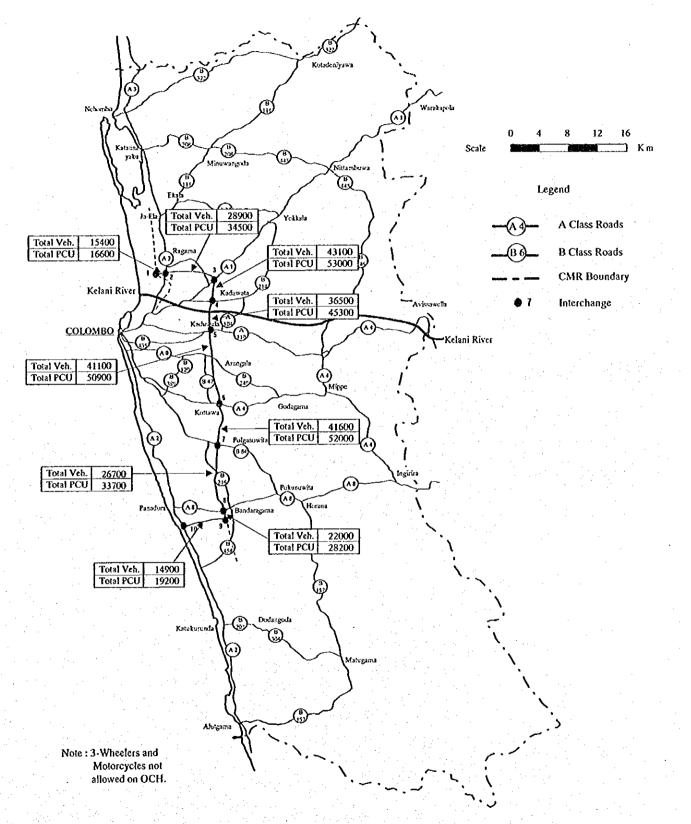
Comparison of Observed Travel Speeds & Modeled Travel Speeds

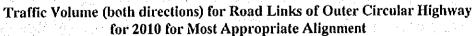
2.2 Forecast Results

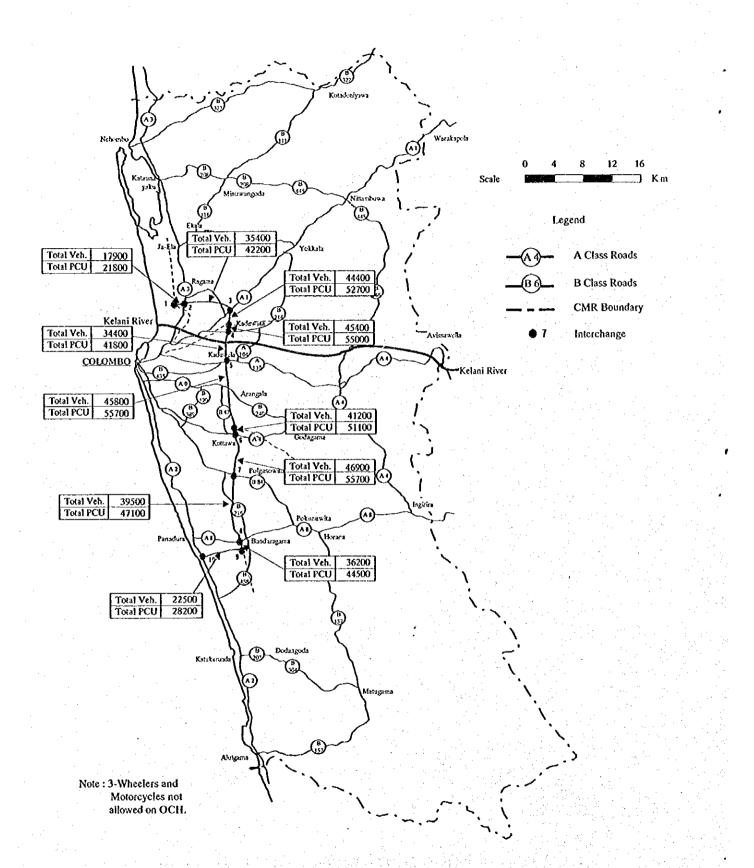


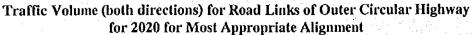
Location and Numbering of OCH Interchanges

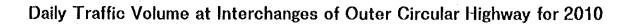
108

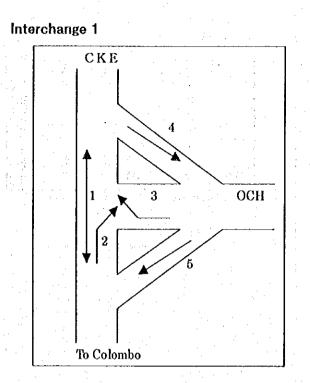








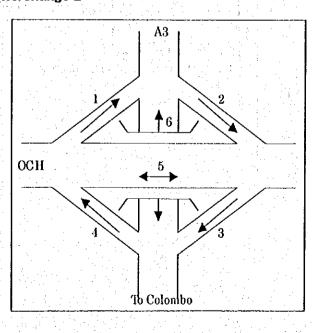




OCH+CKE

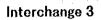
Movement	Traffic Volume
1	6600
2	12700
3	2900
4	6500
5	2500
Total Int.Traffic (Veh)	31200

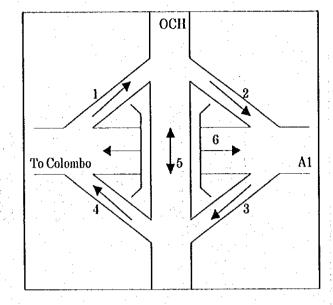
Interchange 2



OCH+A3

Movement	Traffic Volume 11500	
1		
2	9200	
3	2900	
4	500	
5 5	27400	
6	49100	
Total Int.Traffic (Veh)*	98000	



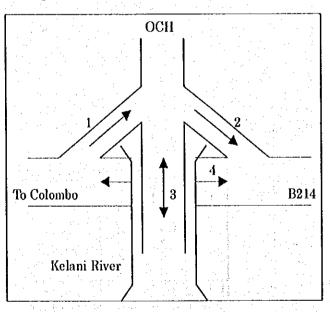


OCH+A1

Movement	Traffic Volume
1	17200
2	16600
3	19800
4	20200
5	18100
6	32800
Total Int.Traffic (Veh)*	87700

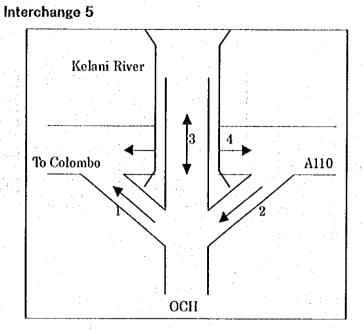
Note: Total excludes double counting

Interchange 4



OCH+B214

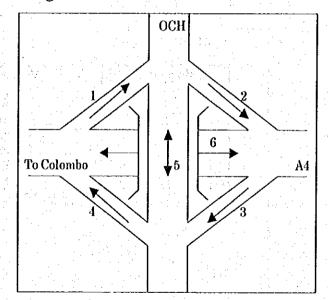
(a) A set of the se			
Movement	Traffic Volume		
1	10600		
2	11100		
un 3 des stores	36600		
en an 4 in addeur	8400		
Total Int.Traffic (Veh)*	60800		



OCH+A110

Movement	Traffic Volume
1	5100
2	4700
3	36600
4	11200
Total Int.Traffic (Veh)*	55500
Note: Total excludes do	uble counting

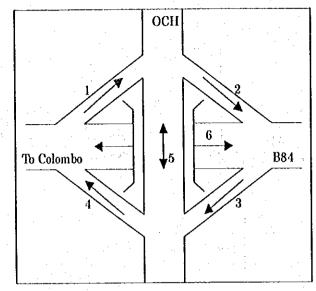
Interchange 6



OCH+A4

Movement	Traffic Volume
1	15100
2	16300
3	13700
4	18900
5	24300
6	46900
Total Int.Traffic (Veh)*	103000



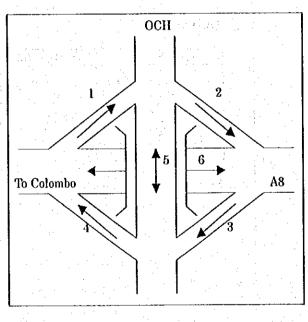


OCH+B84

Movement	Traffic Volume
1	20000
2	14500
3	4000
4	3800
5	22300
6	15600
Total Int.Traffic (Veh)*	67300

Note: Total excludes double counting

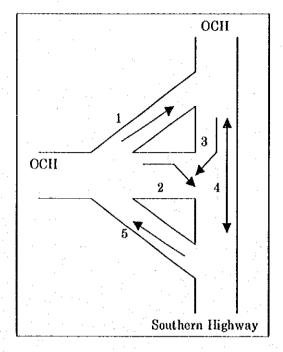
Interchange 8



OCH+A8

and the state of the state of the	and the first state of a state
Movement	Traffic Volume
and the second	5100
2	5100
3	1500
	1800
5	16600
6	8500
Total Int.Traffic (Veh)*	30900

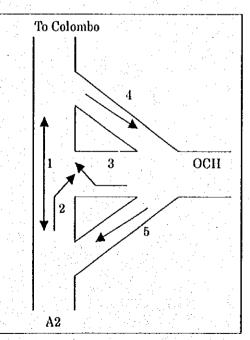
Interchange 9



OCH+Southern Highway

Movement	Traffic Volume
1	4800
2	1800
3	5200
4	12000
5	3100
Total Int.Traffic (Veh)	26900

Interchange 10



OCH+A2

Movement	Traffic Volume
1	17000
2	4100
3	4300
4	2600
5	3900
Total Int.Traffic (Veh)	32000

ANNEX II

GROUND SURVEY DATA

CONTENTS OF GROUND SURVEY DATA

Annex	1: List of GPS's	point coordinates	and elevations
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Annex 2: Control point data form

Annex 3: GPS observation network

Annex 4: List of benchmarks

Annex 5: Benchmark data form

Annex 6: Leveling route map

Annex 7: Table of leveling accuracy

Annex 8: Location map of cross section survey

Annex 9: Observation sheet of cross section survey

Annex 10: Control point residual of aerial triangulation

Annex 1: List of GPS's point coordinates and elevations

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LIST OF GPS COORDINATES AND ELEVATION

name	northing	166,624.753	easting	104,831.076	Elevation	3.591
GPS99 01	latitude	6-41-52.392186	longitude	79-54-38.908931	ell.height	3.8050
	Latitude (wgs84)	6-41-53.650477	longitude (wgs84)	79-54-46.596251	ell.height	-98.0729
name	northing	167,182.670	easting	111,188.890	Elevation	7.270
GPS99 02	latitude	6-42-10.905638	longitude	79-58-05.912078	ell.height	6.8667
	Latitude (wgs84)	6-42-12.163974	longitude (wgs84)	79-58-13.574719	ell.height	-94.8725
name	northing	167,009.596	easting	112,886.912	Elevation	1.489
GPS99 03	latitude	6-42-05.360862	longitude	79-59-01.215802	ell.height	1.0157
00	Latitude (wgs84)	6-42-06.619875	longitude (wgs84)	79-59-08.871915	ell.height	-100.6887
name	northing	173,494.538	easting	109,995.752	Elevation	2.626
GPS99 04	latitude	6-45-36.321696	longitude	79-57-26.716234	ell.height	2.1818
	Latitude (wgs84)	6-45-37.566823	longitude (wgs84)	79-57-34.382325	ell.height	-99.5415
name	northing	176,638.354	easting	113,386.355	Elevation	22.164
GPS99 05	latitude	6-47-18.849042	longitude	79-59-16.975990	ell.height	21.8358
	Latitude (wgs84)	6-47-20.088329	longitude (wgs84)	79-59-24.628377	ell.height	-79.7953
name	northing	179,080.070	easting	111,876.995	Elevation	23.289
GPS99 06	latitude	6-48-38.258001	longitude	79-58-27.685205	ell.height	23.0255
	Latitude (wgs84)	6-48-39.491979	longitudé (wgs84)	79-58-35.342979	ell.height	-78.6217
name	northing	185,152.111	easting	113,748.329	Elevation	25.853
GPS99 07	latitude	6-51-56.030864	longitude	79-59-28.316414	ell.height	25.8627
	Latitude (wgs84)	6-51-57.252688	longitude (wgs84)	79-59-35.965832	ell.height	-75.7060
name	northing	188,270.158	easting	110,485.900	Elevation	8.508
GPS99 08	latitude	6-53-37.360740	longitude	79-57-41.870497	ell.height	8.4790
	Latitude (wgs84)	6-53-38.575537	longitudc (wgs84)	79-57-49.531976	ell.height	-93.1389
name	northing	190,207.989	easting	111,767.696	Elevation	14.692
GPS99 09	latitude	6-54-40.516105	longitude	79-58-23.521729	ell.height	14.6863
	Latitude (wgs84)	6-54-41.727147	longitude (wgs84)	79-58-31.177891	ell.height	-86.8922

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name	northing	193,513.195	easting		Elevation	6.078
GPS99	latitude	6-56-28.186964	longitude	79-59-06.313434	ell.height	6.0860
10	Latitude	6-56-29 391443	longitude	79-59-13.963895	ell.height	-95.4437
	(wgs84)	0-50 29.591415	(wgs84)	17 57 15:565075	onnioigin	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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name	northing	193,414.653	easting	112,218.582	Elevation	4.610
GPS99 11	latitude	6-56-24.931855	longitude	79-58-38.036103	ell.height	4.629
	Latitude	6-56-26.136376	longitude	79-58-45.689942	ell.height	-96.9190
	(wgs84)	an a	(wgs84)		di se sur Geologi seterar	
name	northing	200,613.122	easting	110,105.076	Elevation	9.36
GPS99				79-57-28.773439	ell.height	9.2140
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		7-00-20.345149		79-57-36.434145	ell.height	-92.334
	(wgs84)		(wgs84)			e di Astri
name	northing	200,444.865	easting	106,353.722	Elevation	1.26
GPS99	latitude	7-00-13.462495	longitude	79-55-26.547690	ell.height	1.101
13	Latitude	7-00-14 651446	lonoitude	79-55-34.222950	ell.height	-100 527
	(wgs84)	7-00-14.031440	(wgs84)	17 55 5 1.222750	onmorgan	100.527
		upper of the Development of the State of the				
name		202,187.501	easting	102,222.887 79-53-11.841508	Elevation ell,height	0.79 0.601
GPS99 14	lanuue	7-01-09,943370	i iongnuue	79-33-11.041300	cii,neigin	0.001
		and the second		79-53-19.532440	ell.height	-101.104
	(wgs84)		(wgs84)			
name	northing	167,317.163	casting	111,077.888	Elevation	0.86
GPS99				79-58-02.290227	ell.height	0.452
02A	т	6 40 16 506100) lanatinda	70 59 00 052077	all haight	101 200
1	(wgs84)		(wgs84)	79-58-09.953277	enneigni	-101.200
	((fallen også det Statuer også	
name		193,482.272	easting		Elevation	5.29
GPS99 10A	latitude	6-56-27.163001	l longitude	79-58-55.918310	ell height	5.284
IUA	Latitude	6-56-28.367484	1 longitude	79-59-03.570012	ell.height	-96.252
n for state Friday state	(wgs84)		(wgs84)			
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LIST OF COORDINATES AND ELEVATION (GIVEN POINTS)

name GPS A083	northing latitude	-		102,932.844 79-53-36.872798	Elevation ell.height	3.384 3.1973	
	Latitude (wgs84)	6-43-58.249740	longitude (wgs84)	79-53-44.566750	ell.height	-98.6960	
name GPS A097	northing latitude	-	~	113,898.736 79-59-32.651328	Elevation ell.height		
		6-57-41.872070	· ·	79-59-40.298240	ell.height	-95.3680	
name GPS A098	northing latitude		0	106,157.996 79-55-20.007453	Elevation ell.height		
	Latitude (wgs84)	7-01-44.362050	longitude (wgs84)	79-55-27.682960	ell.height	-82.1030	
name GPS AA01	northing latitude	•	Ŷ	100,556.372 79-52-18.414803	Elevation ell.height	22.8635 22.6878	
	Latitude (wgs84)	6-53-30.739400	longitude (wgs84)	79-52-26.114720	cll.height	-79.1430	

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