

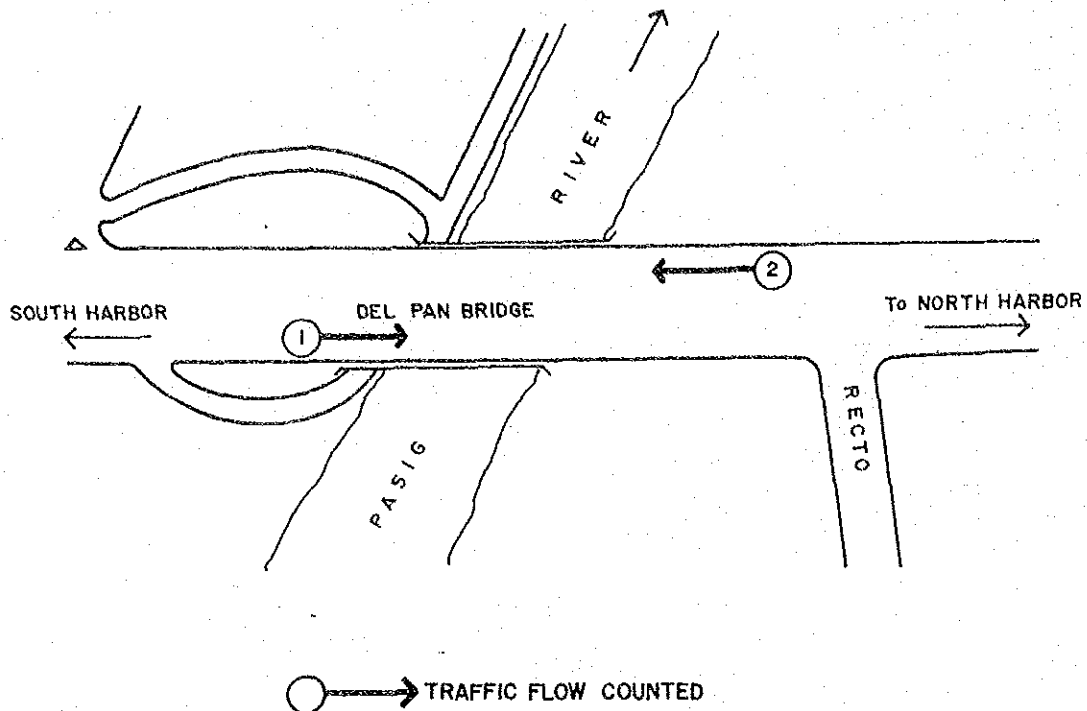
APPENDICES

Appendix 2.1
Specific Location of Screenline/Cordonline
Survey Stations

STATION NO.: SL01

STATION NAME: Del Pan Bridge

DATE OF SURVEY: July 17, 1984

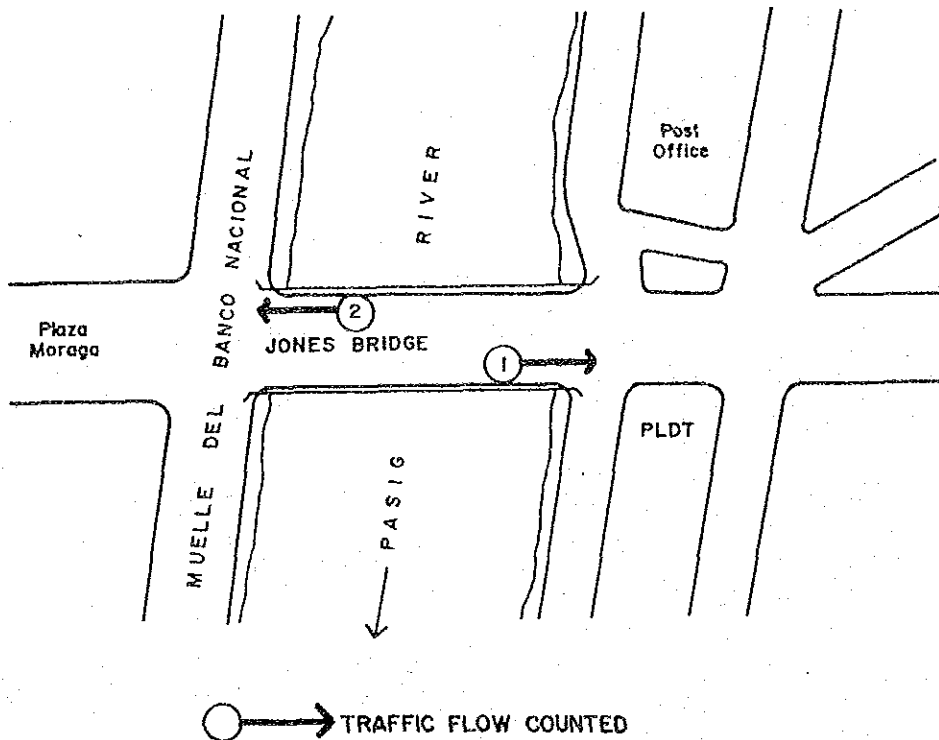


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL02

STATION NAME: Jones Bridge

DATE OF SURVEY: July 17, 1984

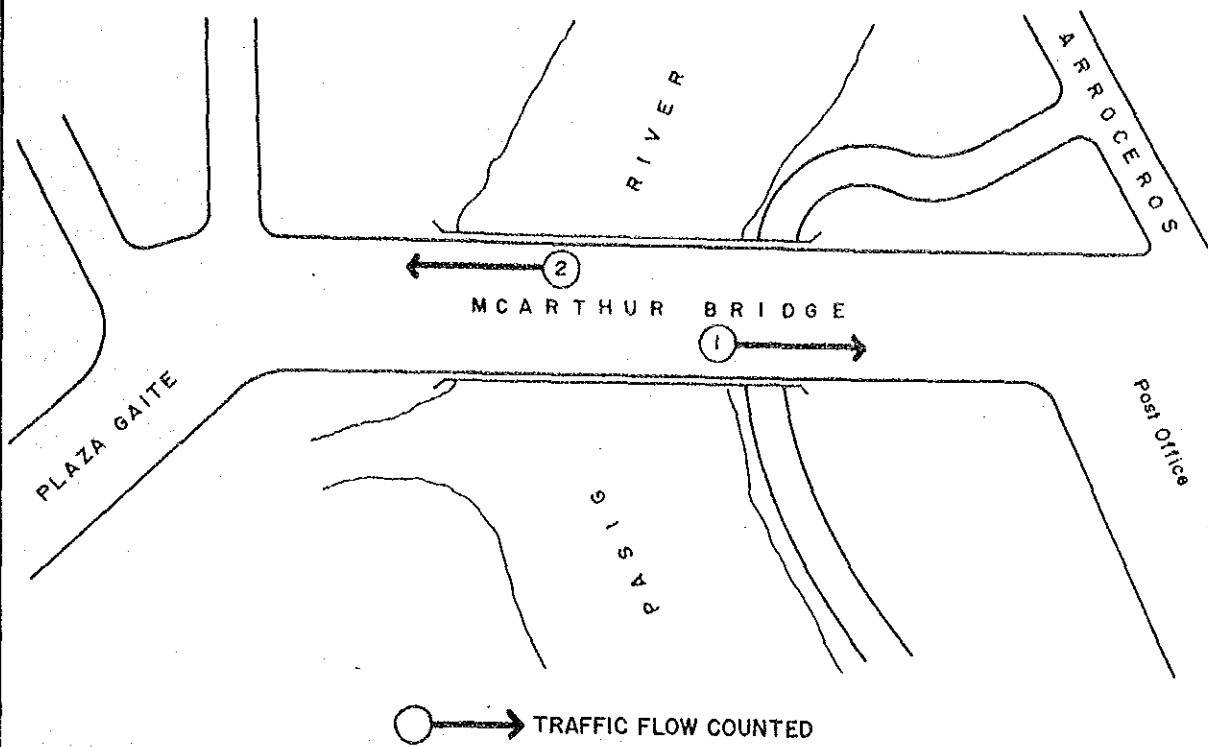


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL03

STATION NAME: McArthur Bridge

DATE OF SURVEY: July 17, 1984



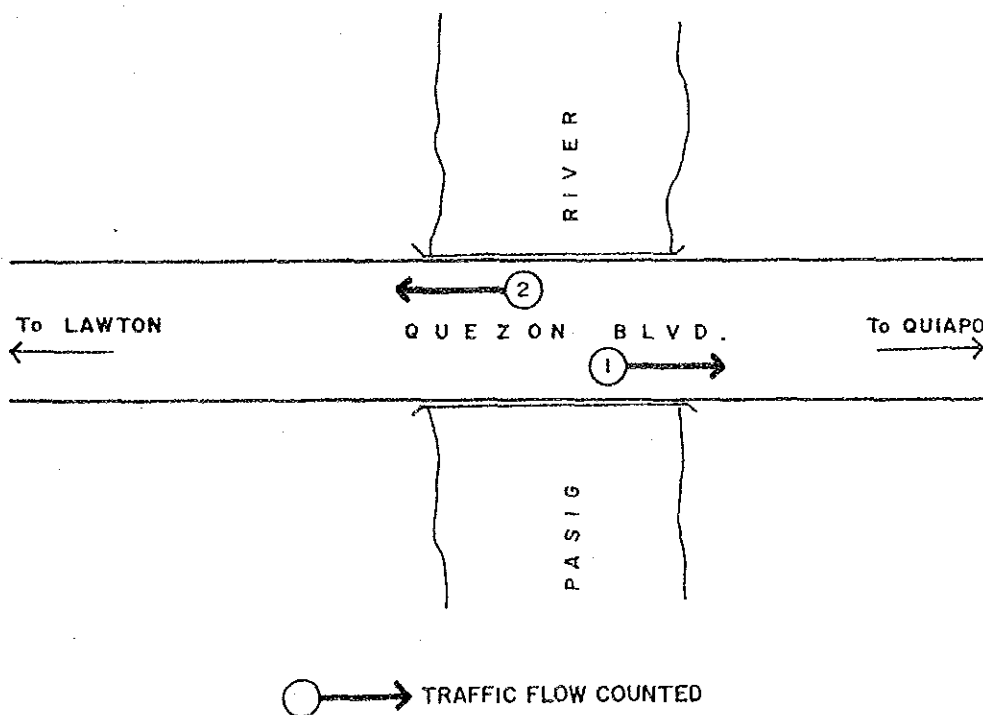
NOTE:

Vehicles which cross the river should be counted.

STATION NO.: SL04

STATION NAME: Quezon Blvd.

DATE OF SURVEY: July 16, 1984



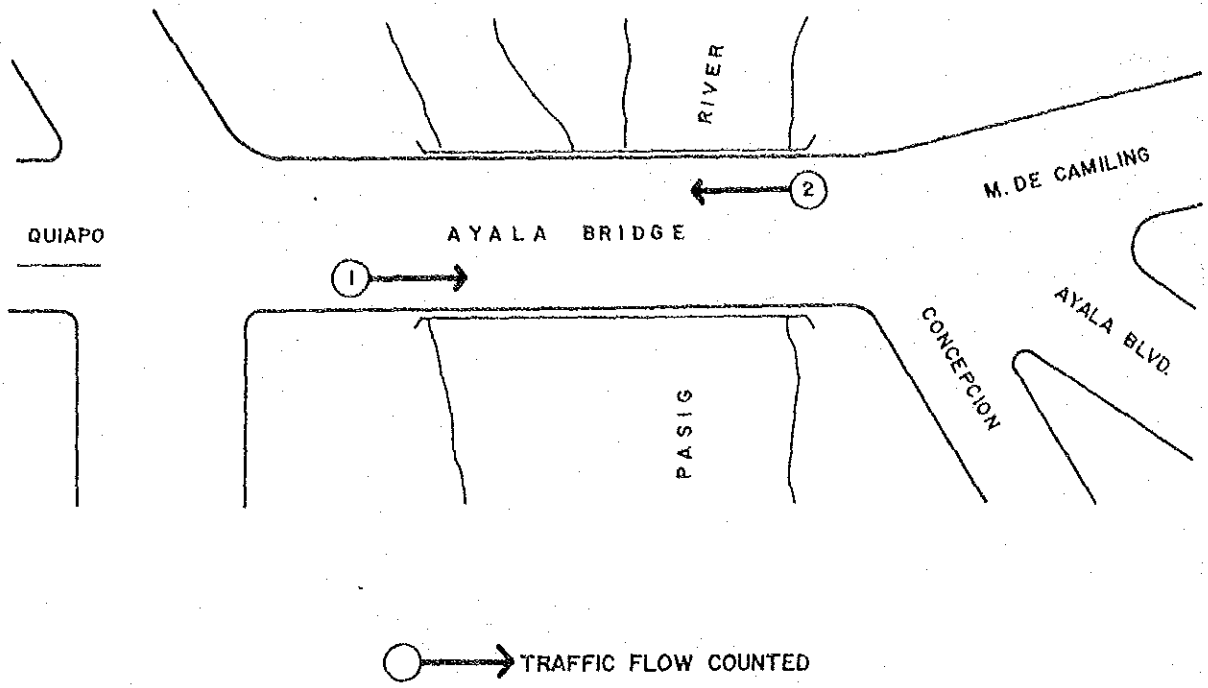
NOTE:

Vehicles which cross the river should be counted.

STATION NO.: SL05

STATION NAME: Ayala Bridge

DATE OF SURVEY: July 16, 1984

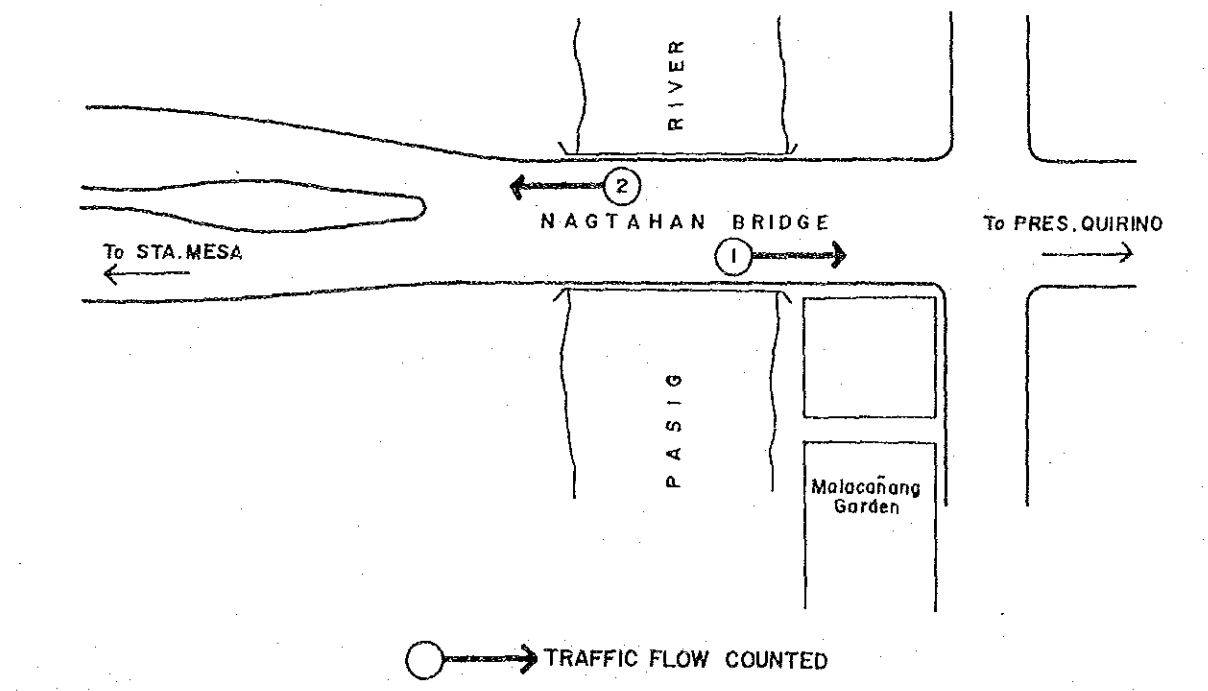


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL06

STATION NAME: Nagtahan Bridge

DATE OF SURVEY: July 18, 1984

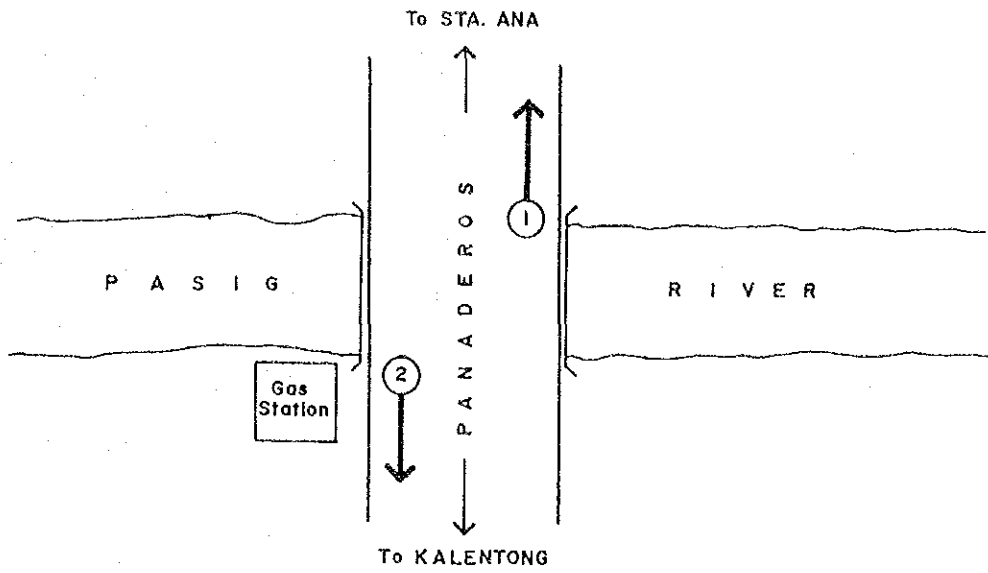


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL07

STATION NAME: Panaderos

DATE OF SURVEY: July 20, 1984



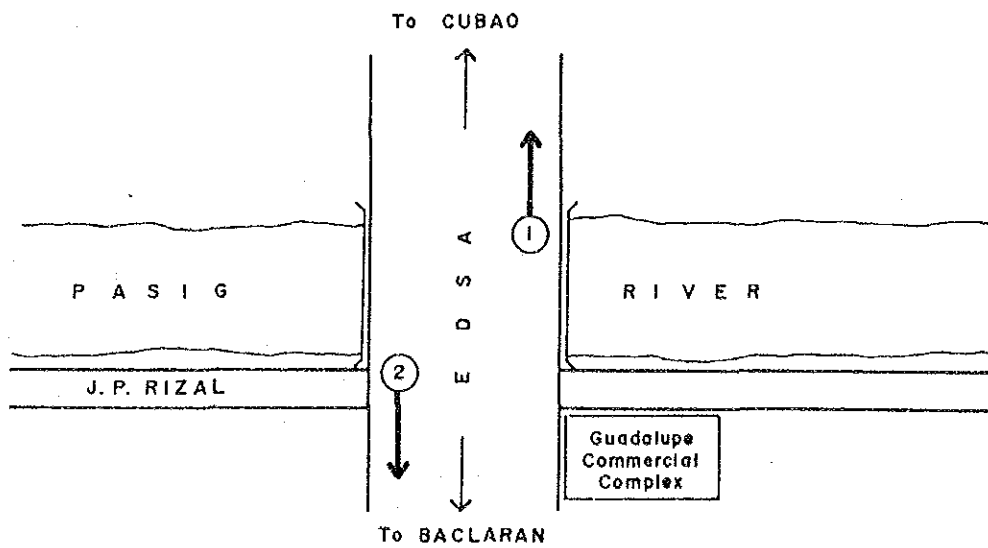
○ → TRAFFIC FLOW COUNTED

NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL08

STATION NAME: Guadalupe

DATE OF SURVEY: August 1, 1984



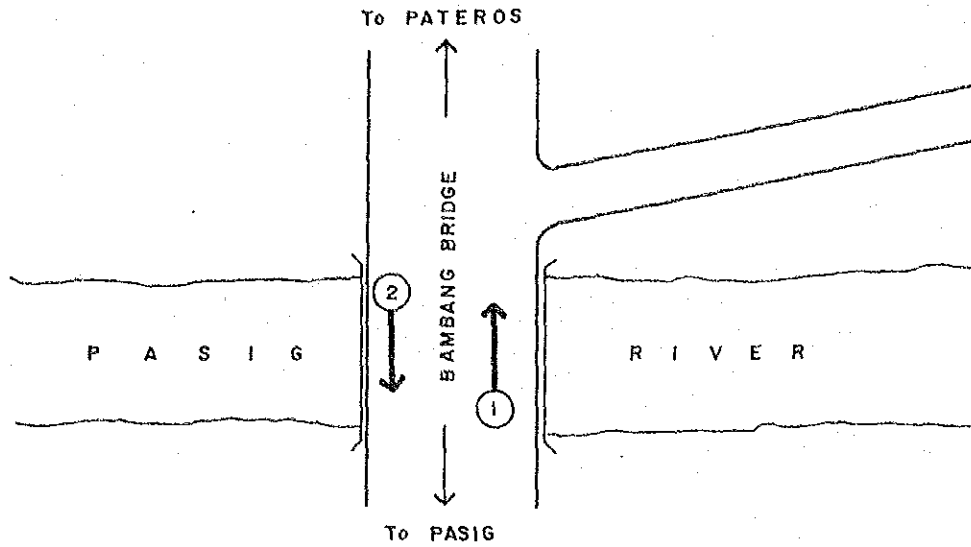
○ → TRAFFIC FLOW COUNTED

NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL09

STATION NAME: Bambang Bridge

DATE OF SURVEY: August 1, 1984



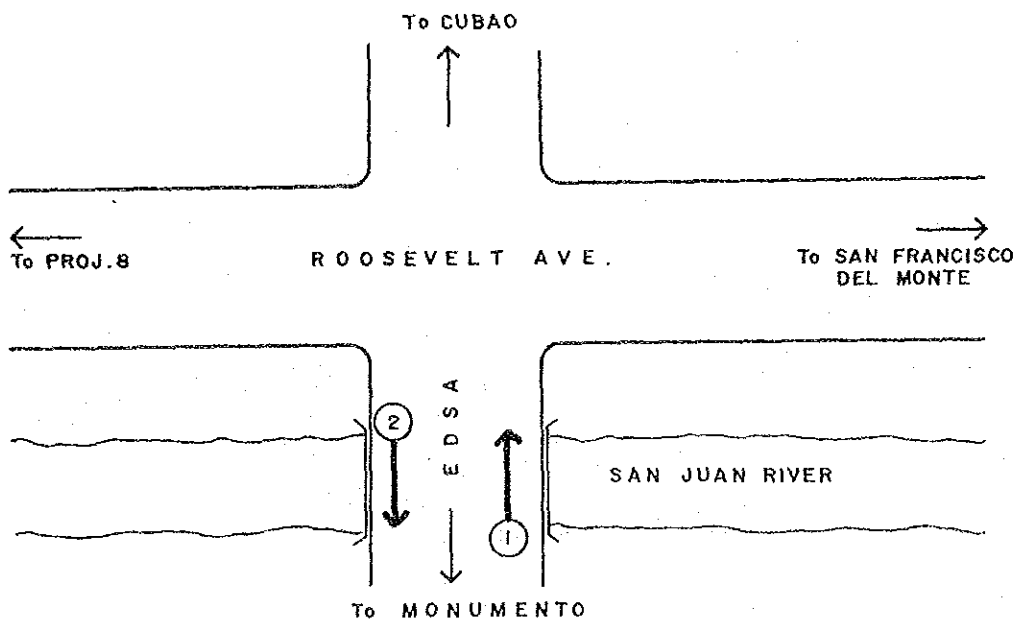
○ → TRAFFIC FLOW COUNTED

NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL10

STATION NAME: EDSA near Roosevelt

DATE OF SURVEY: July 24, 1984



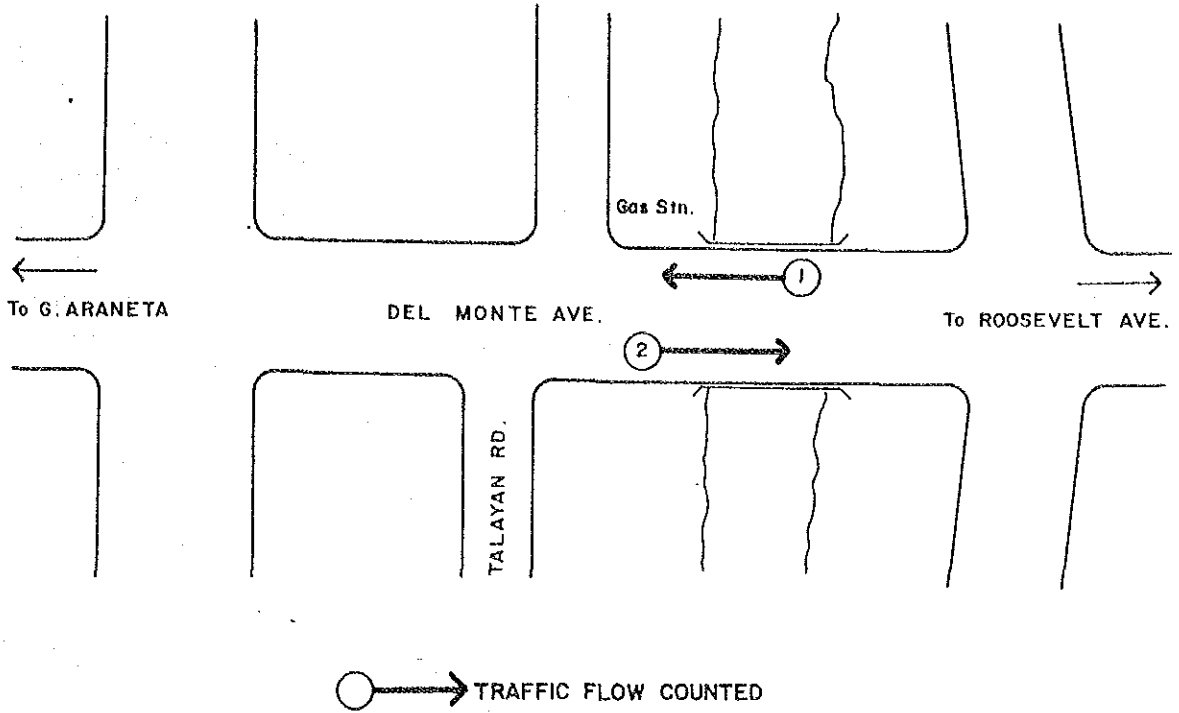
○ → TRAFFIC FLOW COUNTED

NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL11

STATION NAME: Del Monte Avenue

DATE OF SURVEY: July 25, 1984



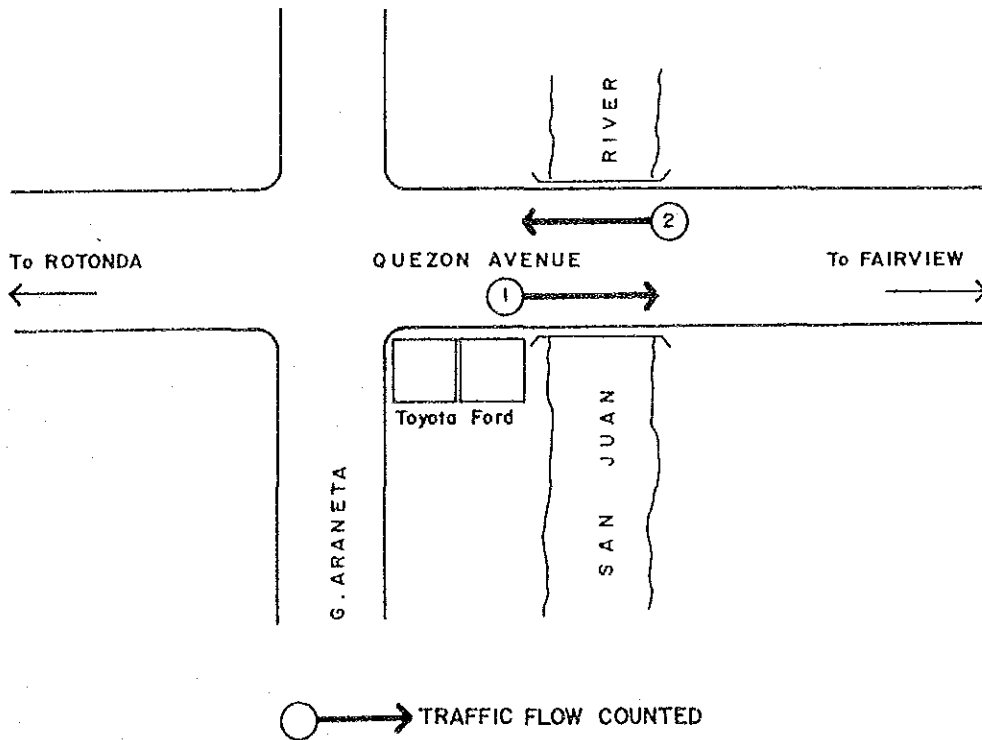
NOTE:

Vehicles which cross the river should be counted.

STATION NO.: SL12

STATION NAME: Quezon Avenue

DATE OF SURVEY: July 24, 1984



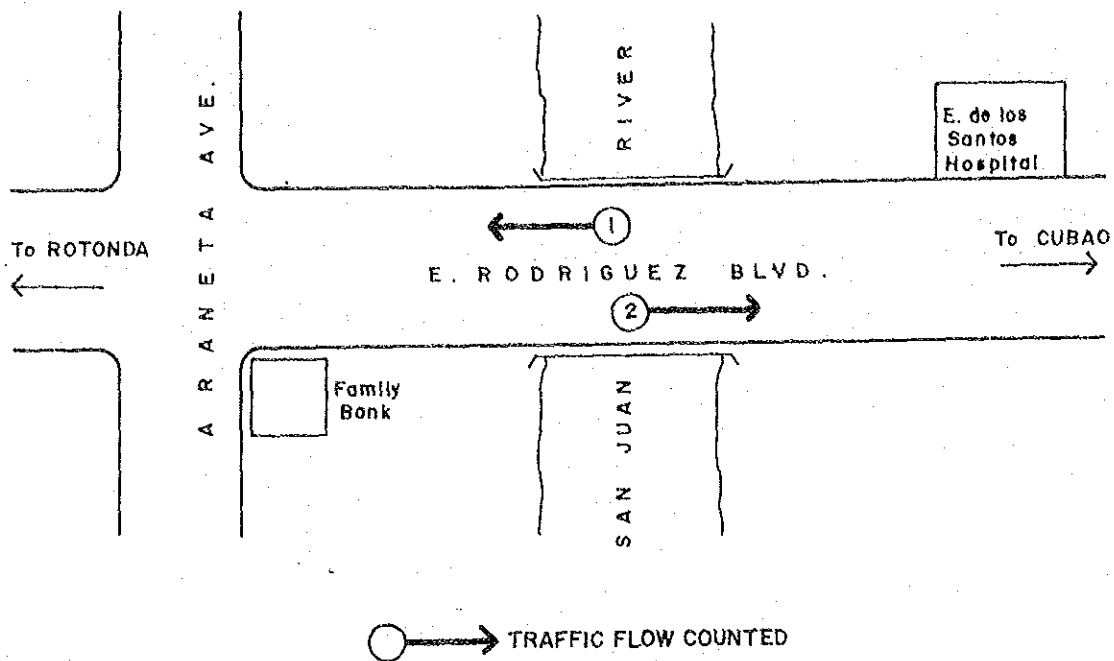
NOTE:

Vehicles which cross the river should be counted.

STATION NO.: SL13

STATION NAME: E. Rodriguez Blvd.

DATE OF SURVEY: July 23, 1984

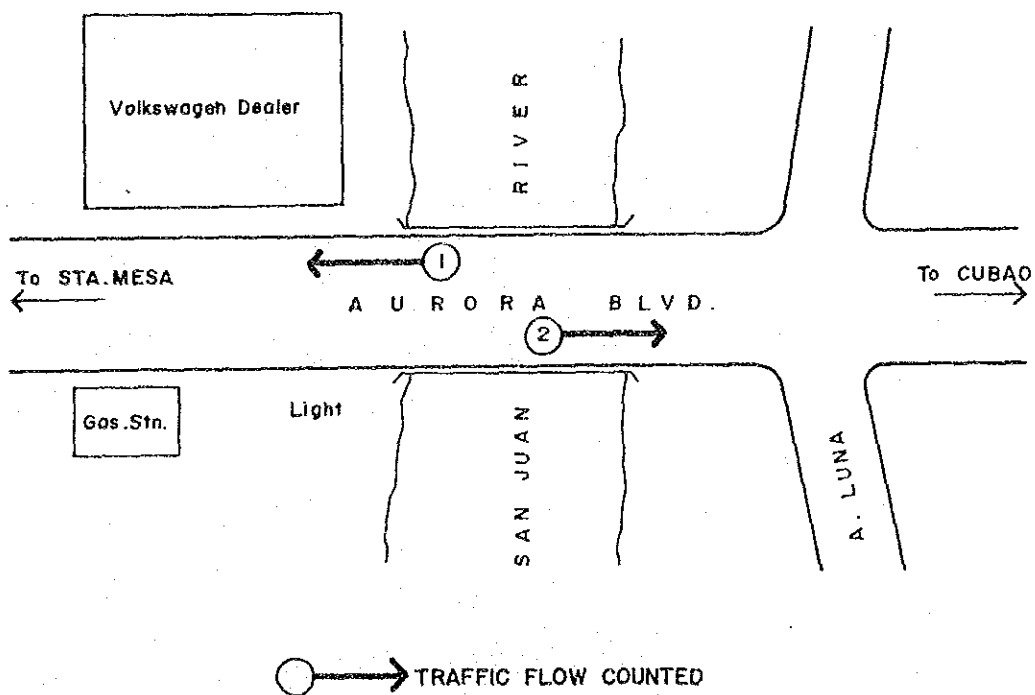


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL14

STATION NAME: Aurora Blvd.

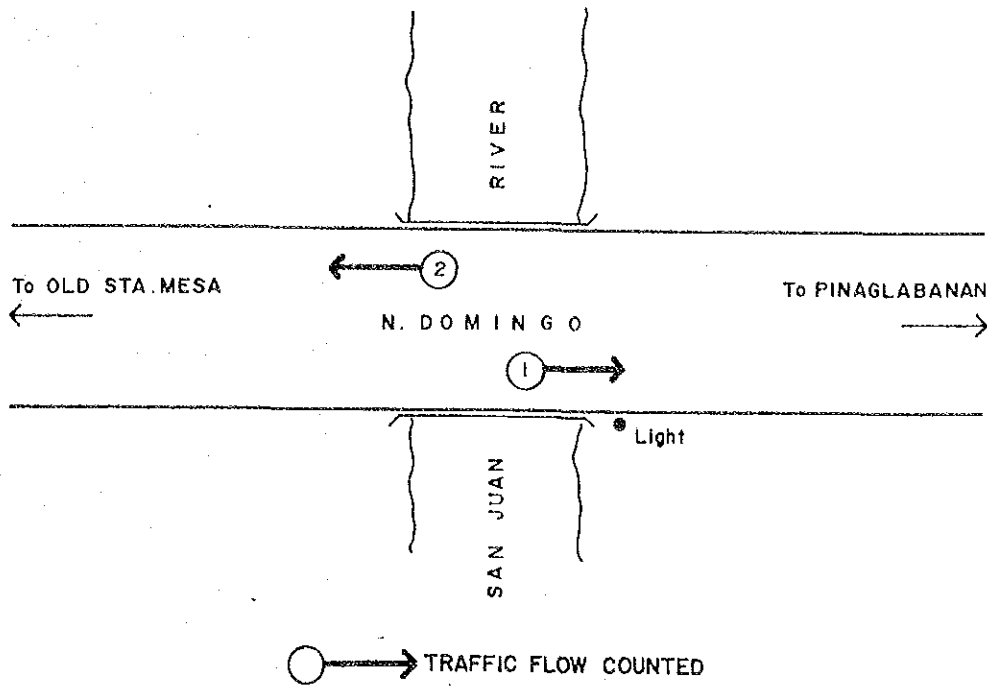
DATE OF SURVEY: July 23, 1984



NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL15
DATE OF SURVEY: July 23, 1984

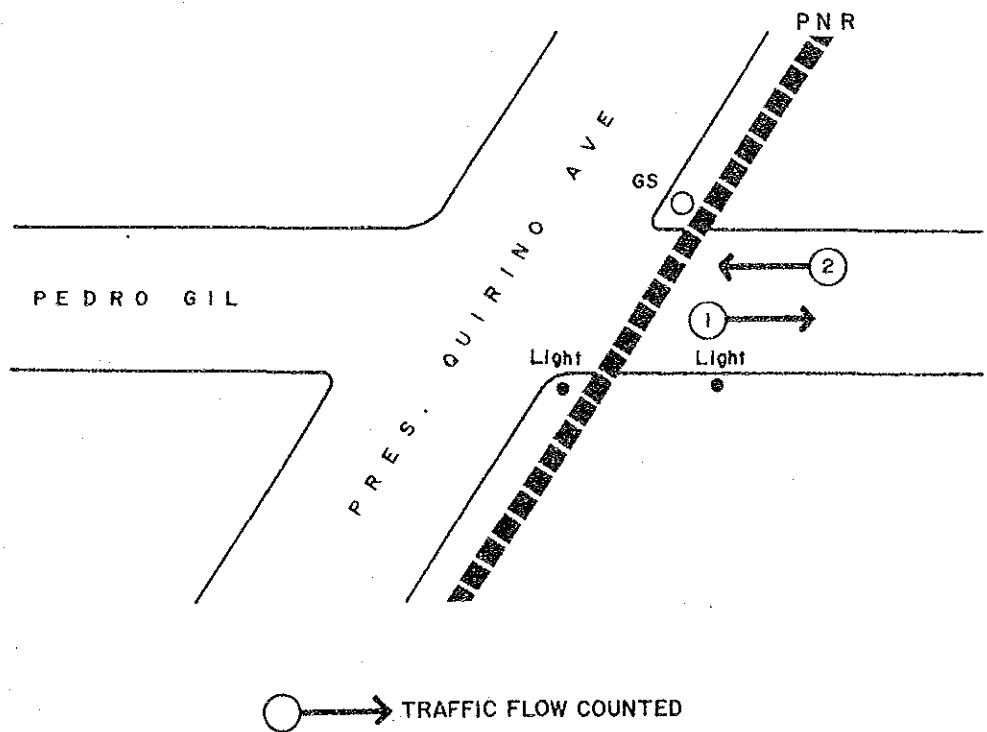
STATION NAME: N. Domingo



NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL16
DATE OF SURVEY: July 18, 1984

STATION NAME: Pedro Gil-Pres. Quirino Avenue

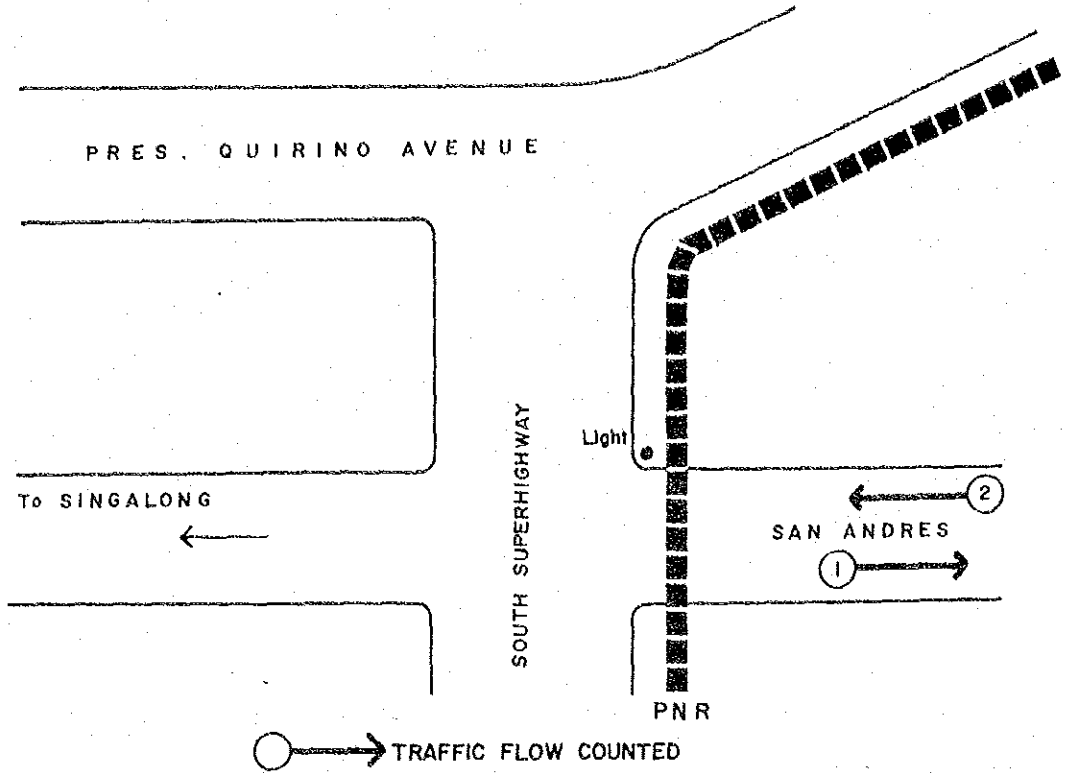


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL17

STATION NAME: South Superhighway-San Andres

DATE OF SURVEY: July 18, 1984

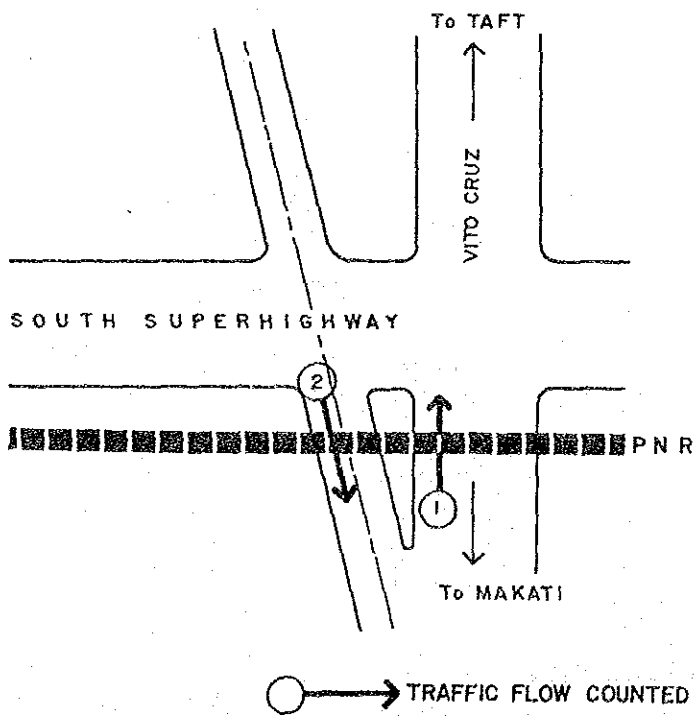


NOTE: Vehicles which cross the PNR should be counted.

STATION NO.: SL18

STATION NAME: V. Cruz-South Superhighway

DATE OF SURVEY: July 19, 1984

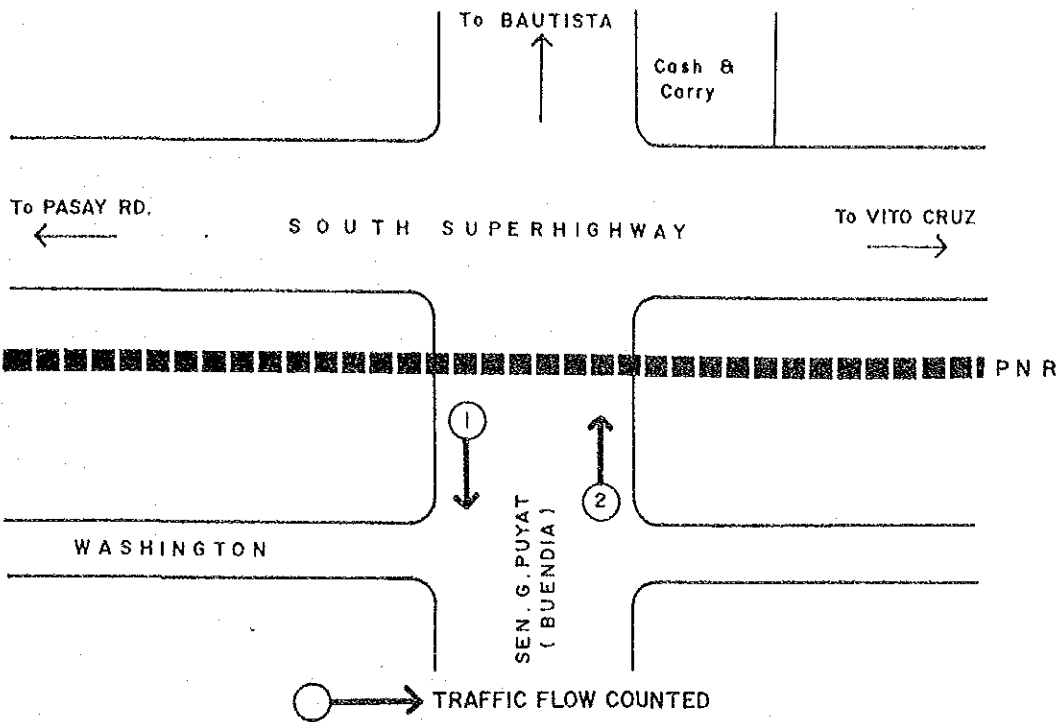


NOTE: Vehicles which cross the PNR should be counted.

STATION NO.: SL19

STATION NAME: Buendia-South Superhighway

DATE OF SURVEY: July 19, 1984



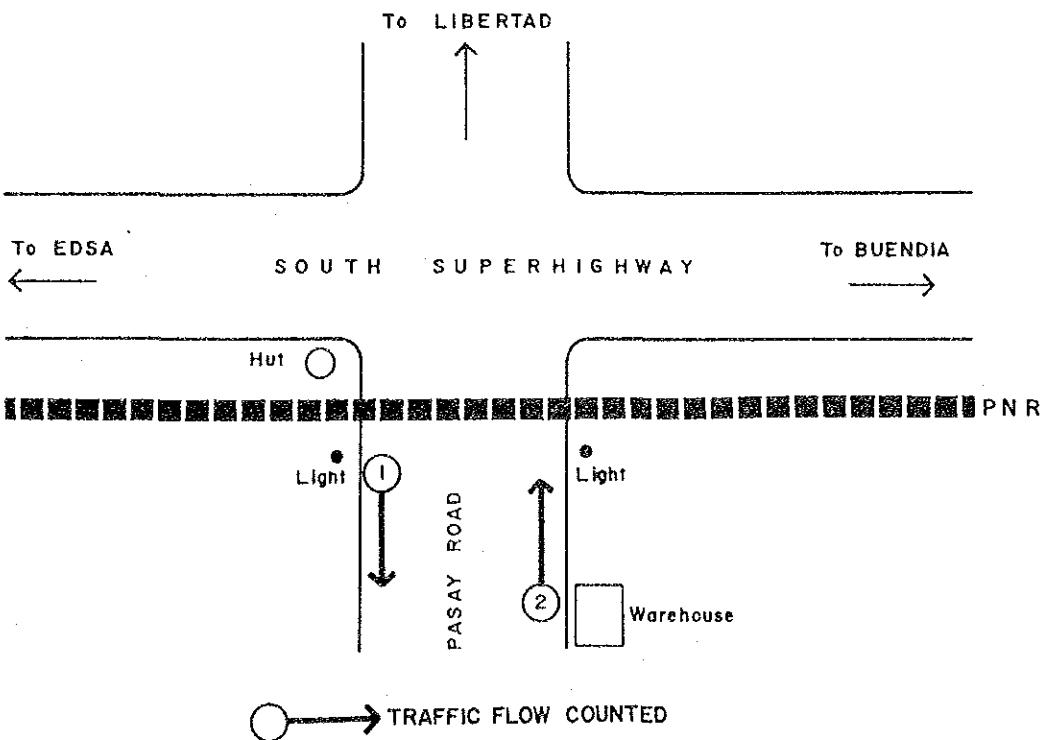
NOTE:

Vehicles which cross the PNR should be counted.

STATION NO.: SL20

STATION NAME: Pasay Road-South Superhighway

DATE OF SURVEY: July 19, 1984



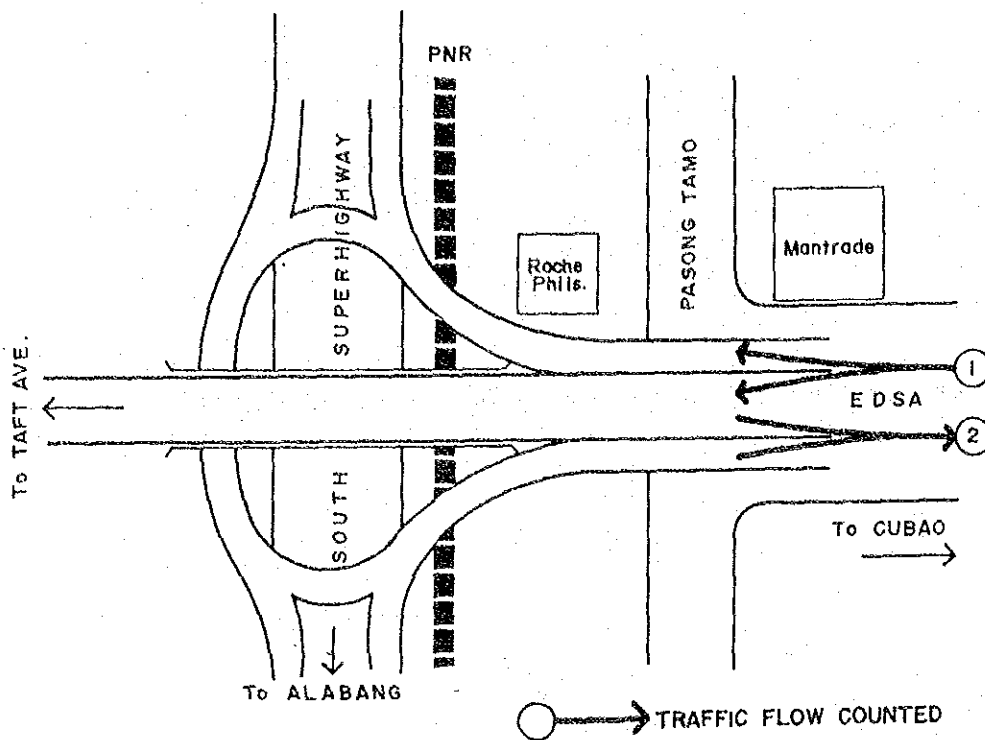
NOTE:

Vehicles which cross the PNR should be counted.

STATION NO.: SL21

STATION NAME: EDSA-South Superhighway

DATE OF SURVEY: July 24, 1984

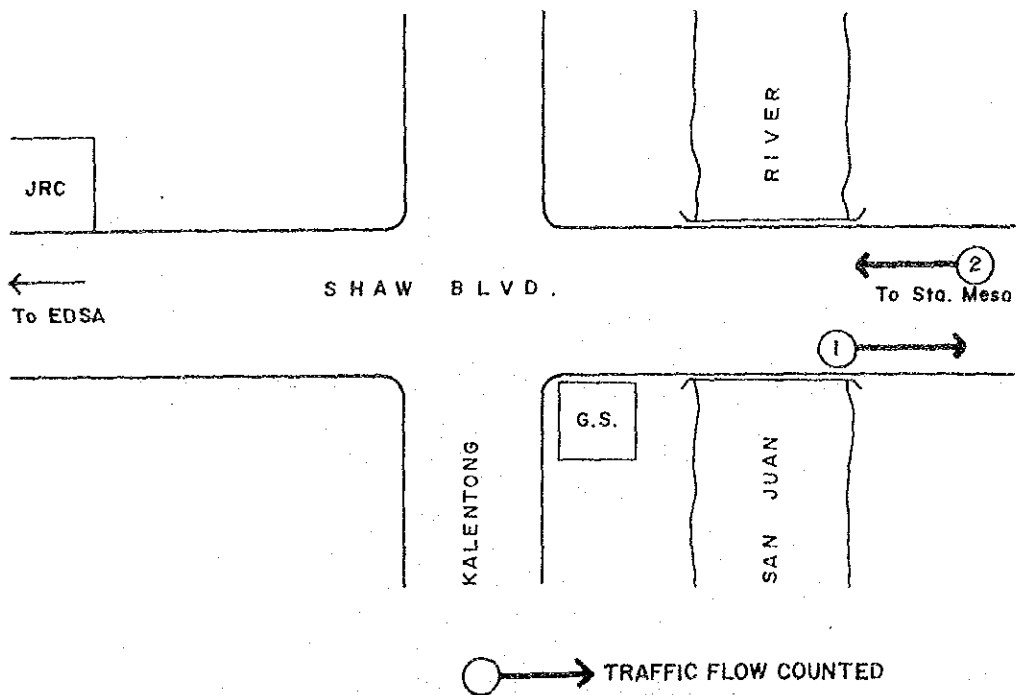


NOTE: Traffic going into/coming from Pasong Tamo should not be counted.

STATION NO.: SL22

STATION NAME: Shaw Boulevard

DATE OF SURVEY: July 20, 1984

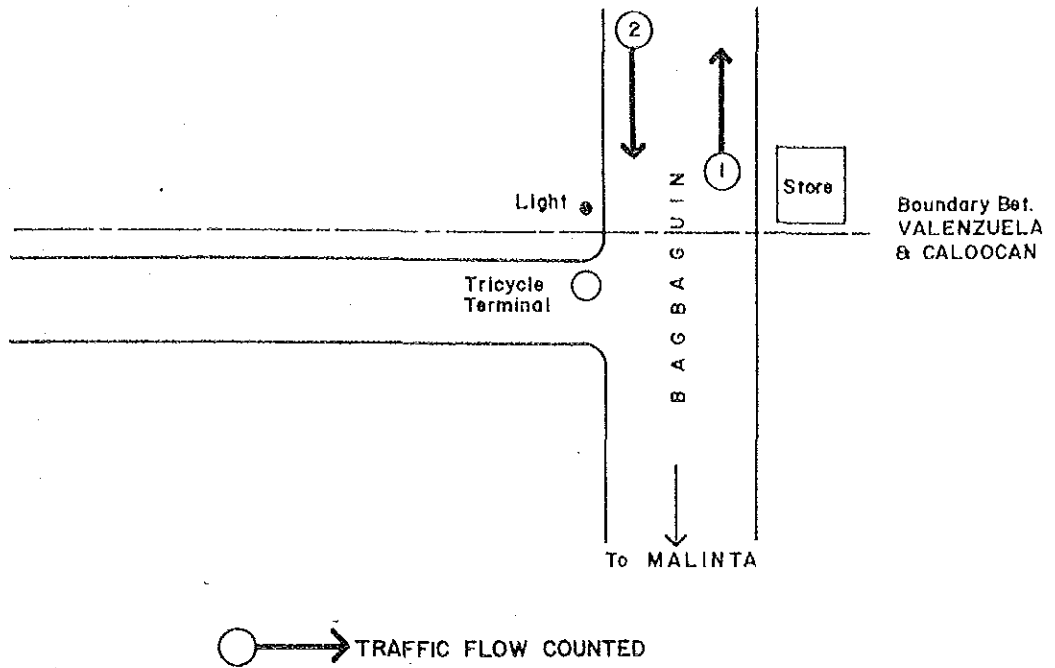


NOTE: Vehicles which cross the river should be counted.

STATION NO.: SL23

STATION NAME: Bagbaguin

DATE OF SURVEY: July 27, 1984

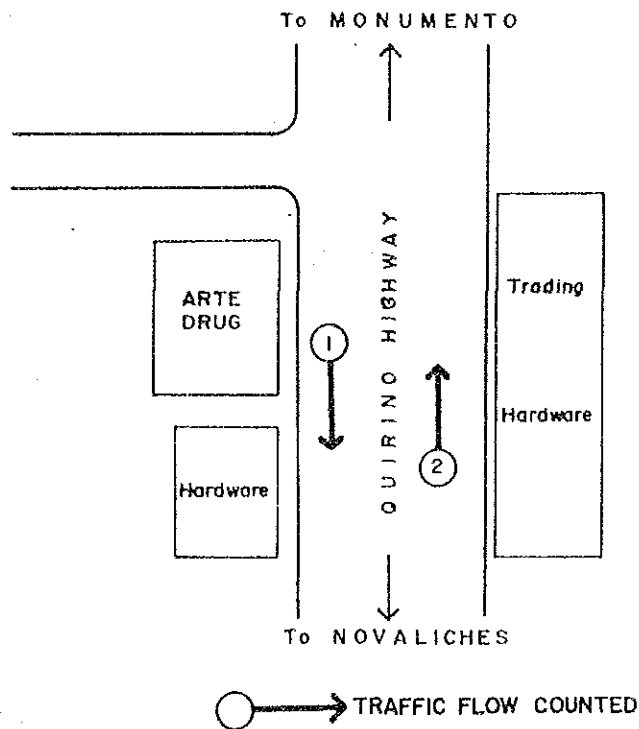


NOTE :

STATION NO.: SL24

STATION NAME: Quirino Highway

DATE OF SURVEY: July 30, 1984

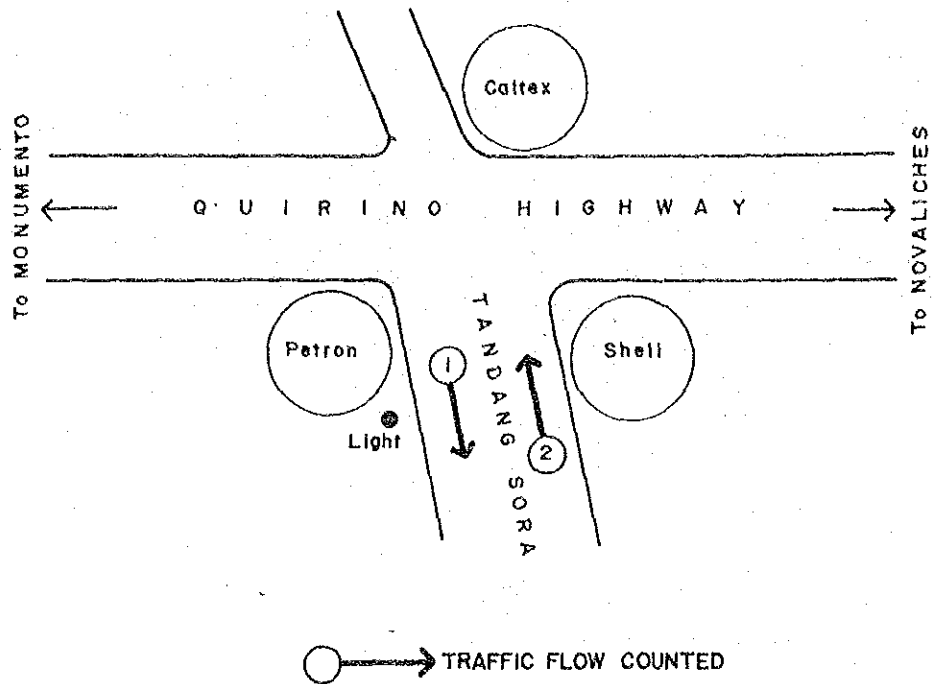


NOTE :

STATION NO.: SL25

STATION NAME: Quirino Hwy-Tandang Sora

DATE OF SURVEY: July 30, 1984

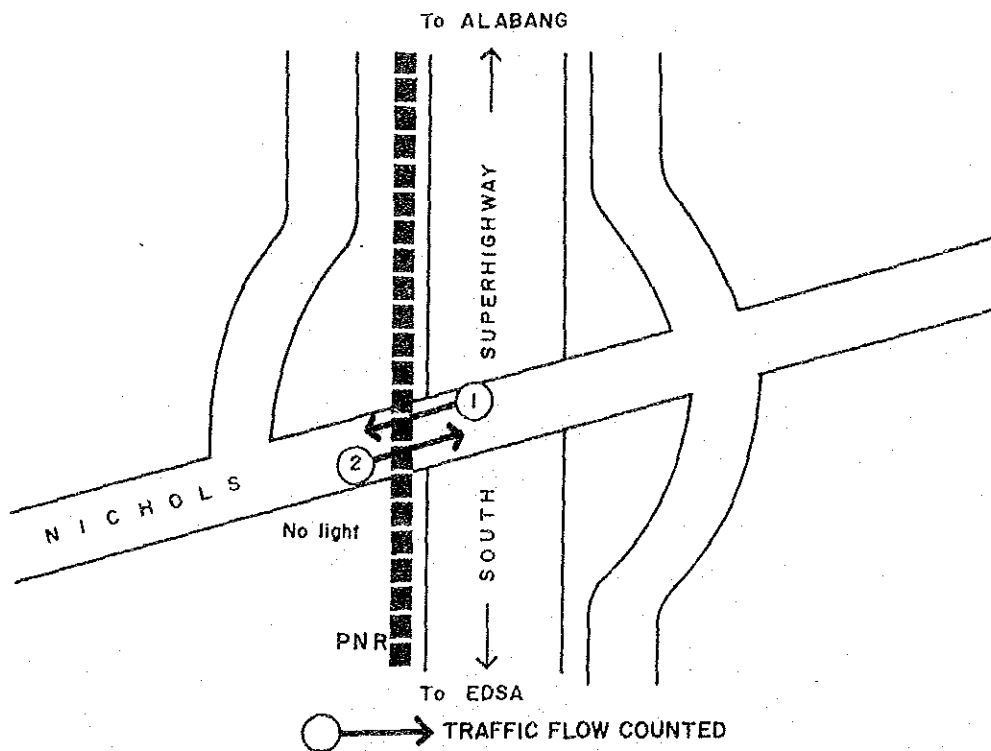


NOTE:

STATION NO.: SL26

STATION NAME: Nichols

DATE OF SURVEY: July 25, 1984

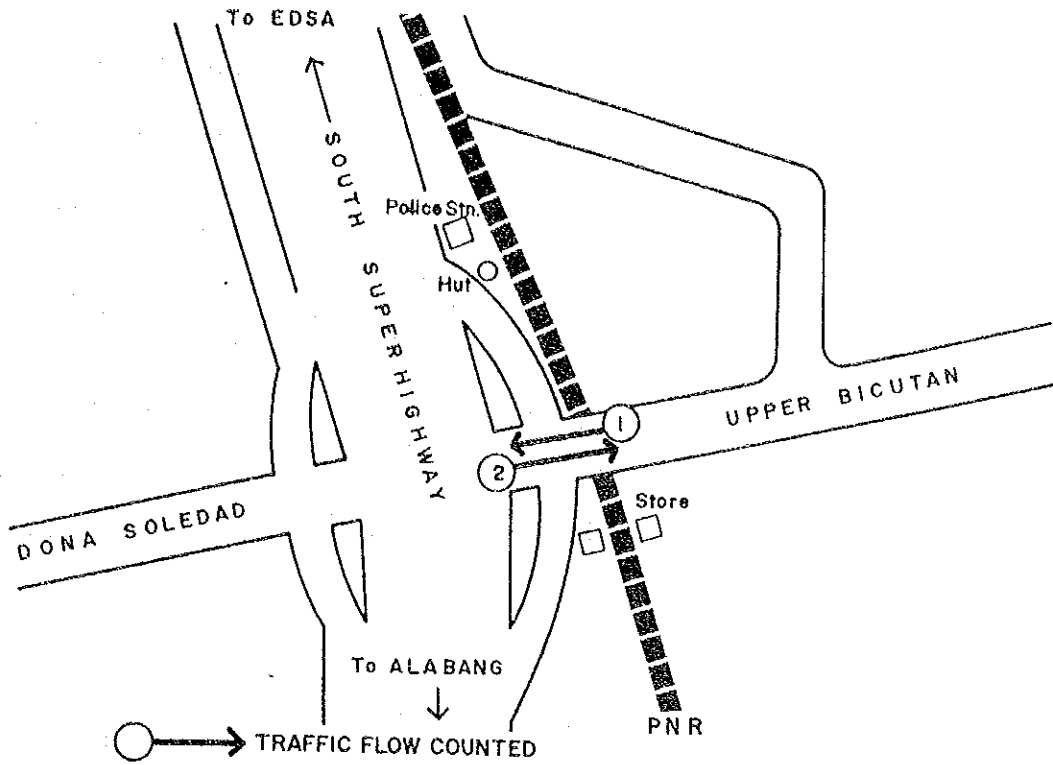


NOTE: Vehicles which cross the PNR should be counted.

STATION NO.: SL27

STATION NAME: Bicutan

DATE OF SURVEY: August 3, 1984

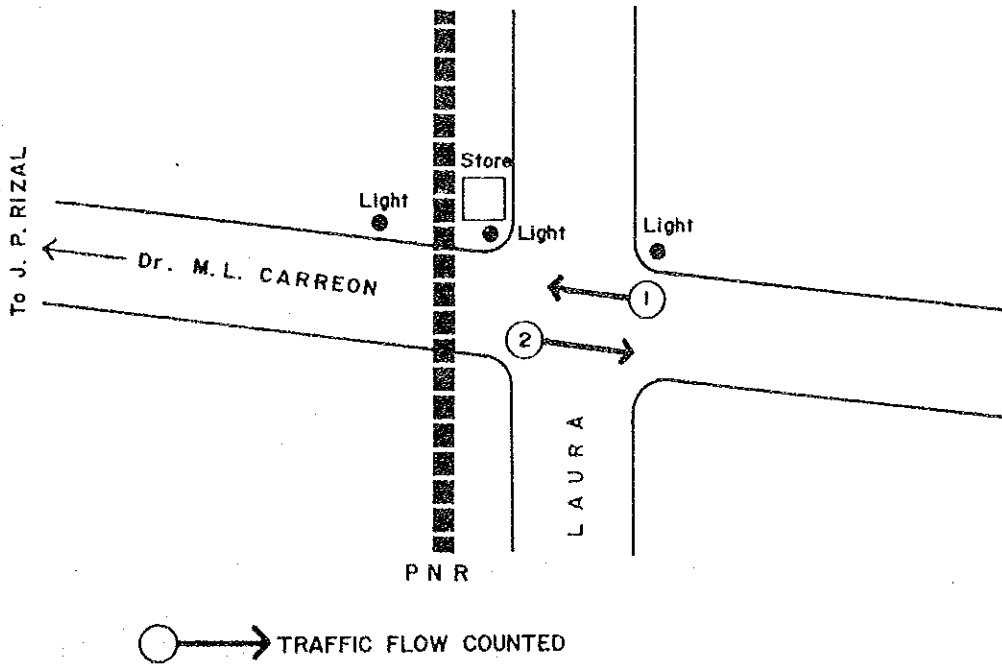


NOTE: Vehicles which cross the PNR should be counted.

STATION NO.: SL28

STATION NAME: M.L. Carreon

DATE OF SURVEY: July 20, 1984

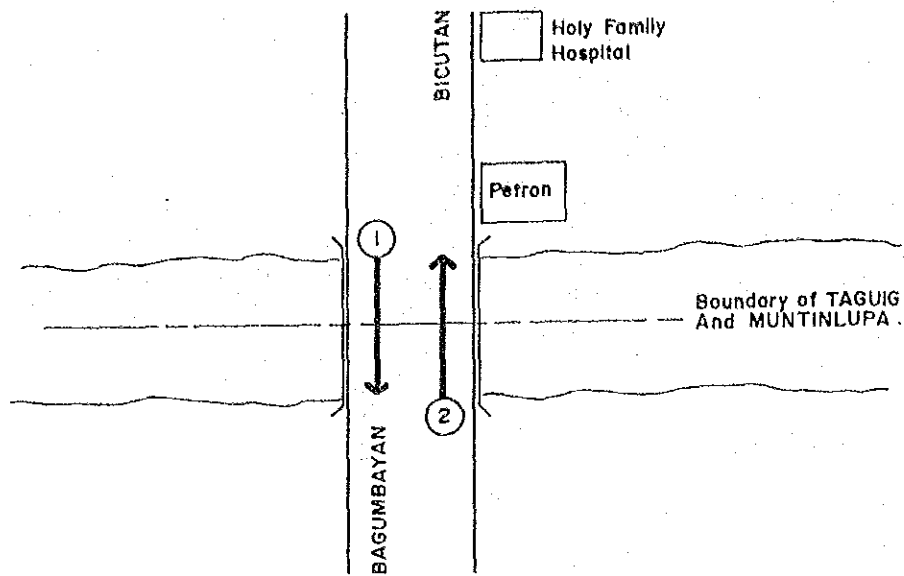


NOTE: Vehicles which cross the PNR should be counted.

STATION NO.: SL29

STATION NAME: Bagumbayan

DATE OF SURVEY: Aug. 2, 1984



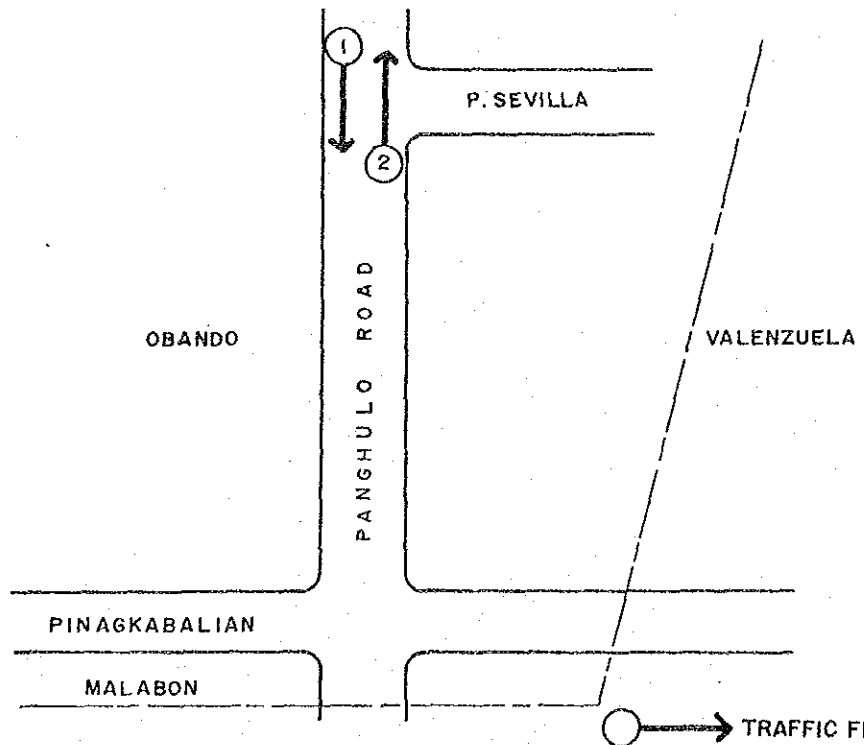
NOTE:

Vehicles which cross the river should be counted.

STATION NO.: CH02

STATION NAME: Panghulo Road

DATE OF SURVEY: Aug. 6, 1984



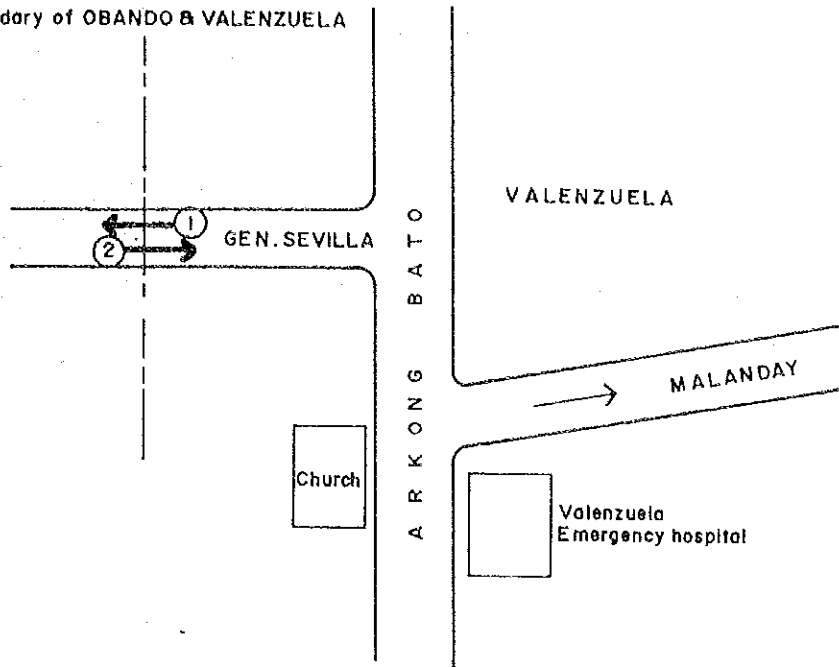
NOTE:

STATION NO.: CH03

STATION NAME: Gen. Vililla

DATE OF SURVEY: Aug. 6, 1984

Boundary of OBANDO & VALENZUELA

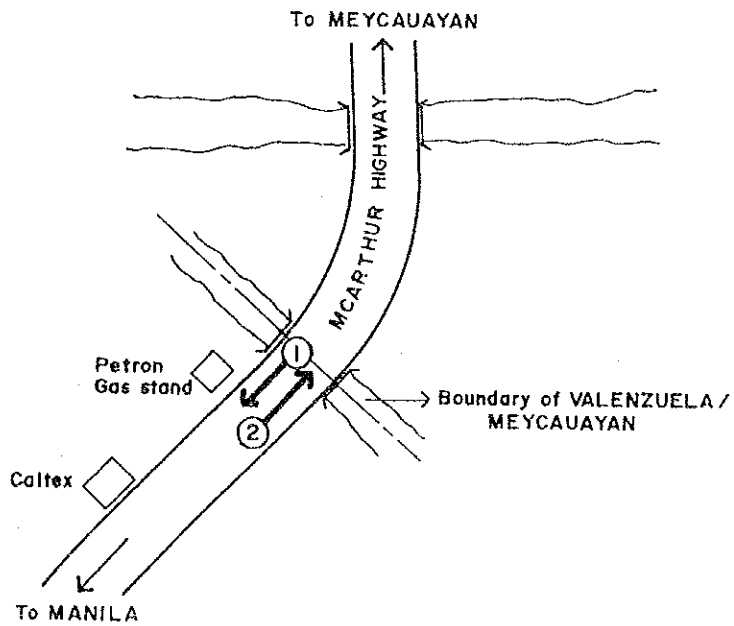


NOTE :

STATION NO.: CH04

STATION NAME: McArthur Highway

DATE OF SURVEY: July 27, 1984

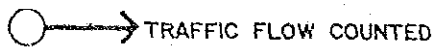
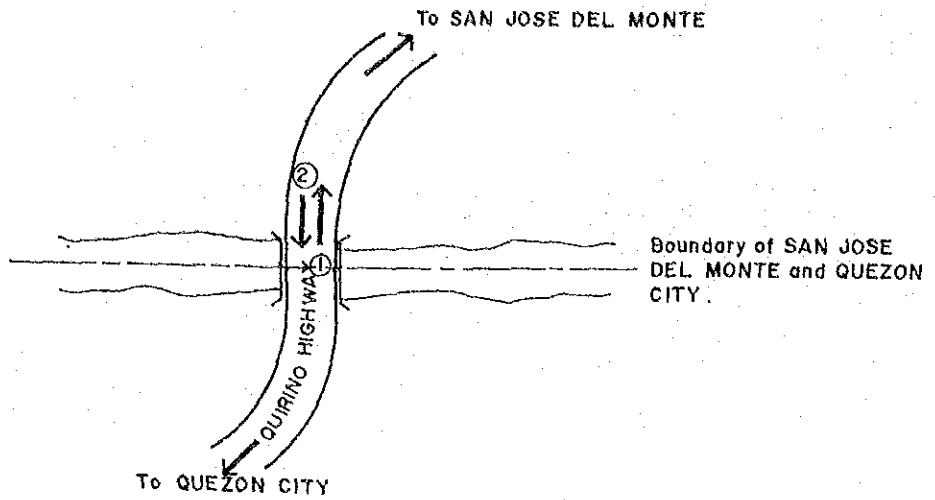


NOTE :

STATION NO.: CH05

STATION NAME: Quirino Highway

DATE OF SURVEY: July 30, 1984

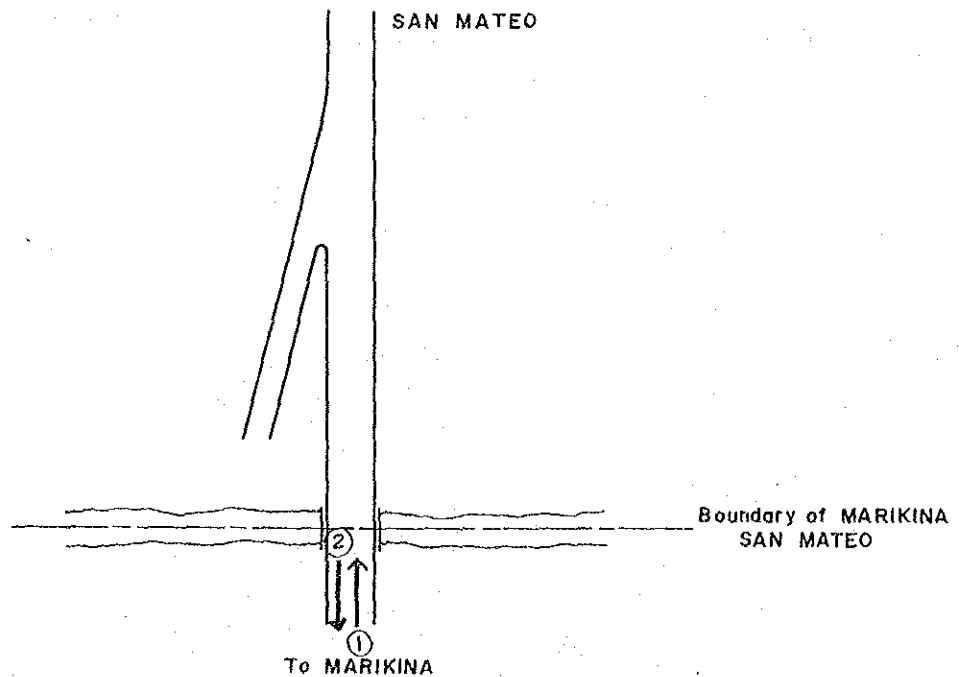


NOTE: Vehicles which cross the river should be counted.

STATION NO.: CH06

STATION NAME: Marikina-Sn. Mateo Road

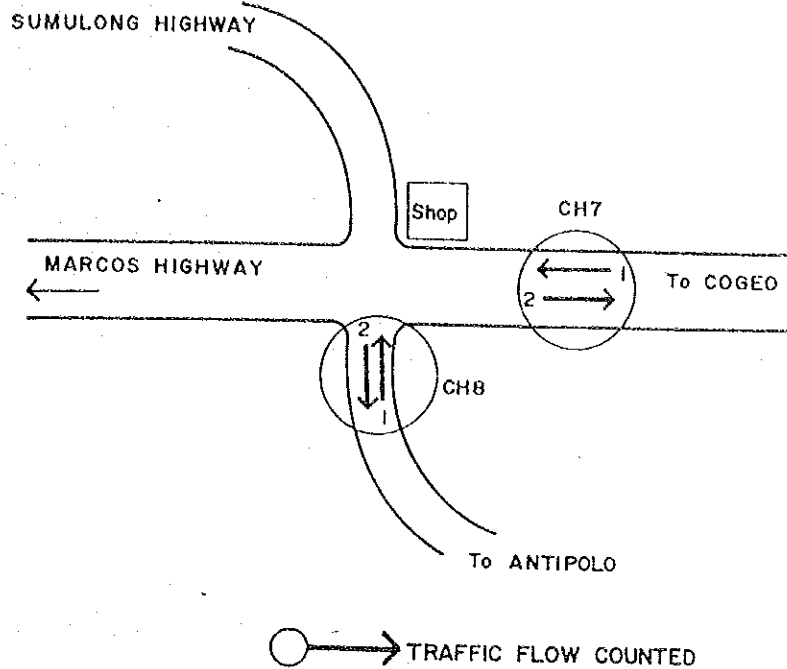
DATE OF SURVEY: July 31, 1984



NOTE: Vehicles which cross the boundary should be counted.

STATION NO.: CH07 & CH08
 DATE OF SURVEY: July 31, 1984

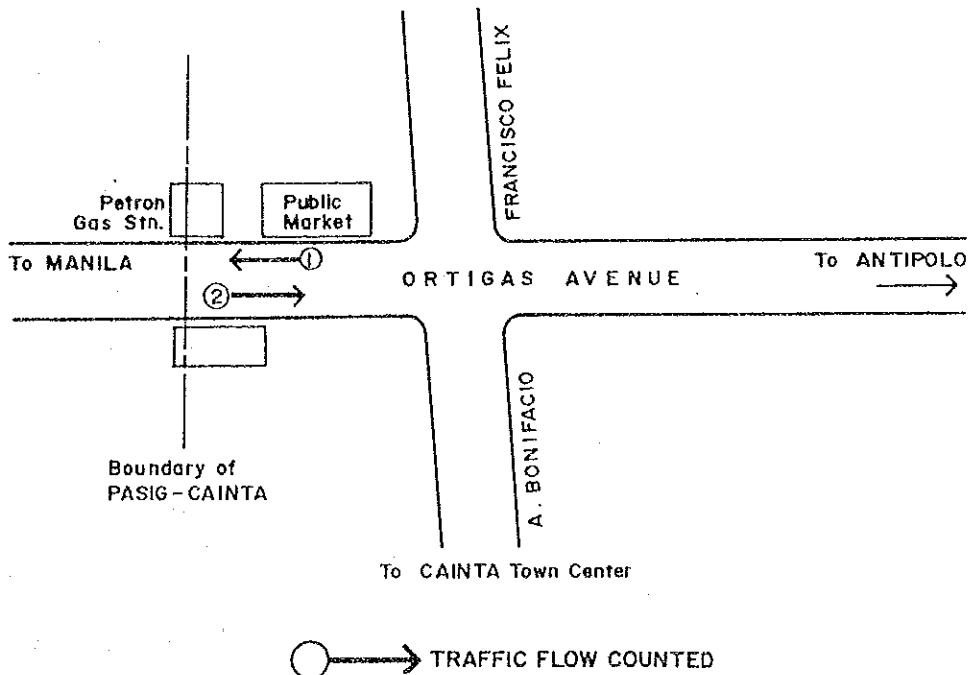
STATION NAME: Marikina-Cogeo Road
 Antipolo Road



NOTE: Traffic count should be done outside of the 4 intersections of Marcos Highway and Sumulong Highway.

STATION NO.: CH09
 DATE OF SURVEY: Aug. 1, 1984

STATION NAME: Ortigas Avenue

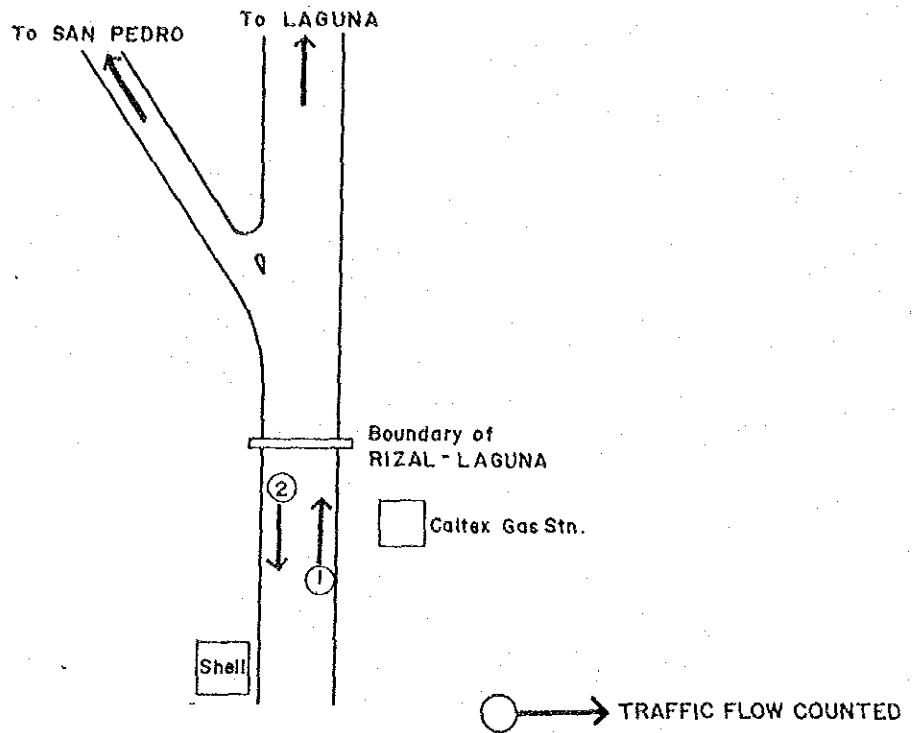


NOTE: Vehicles which cross the boundary line should be counted.

STATION NO.: CH10

STATION NAME: San Pedro

DATE OF SURVEY: Aug. 2, 1984

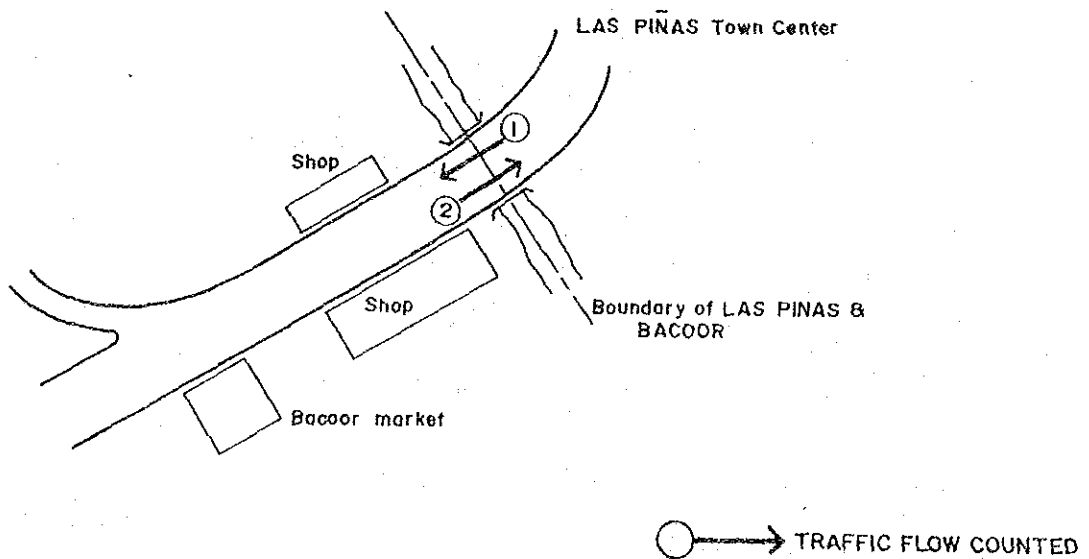


NOTE: Vehicles which cross the boundary should be counted.

STATION NO.: CH11

STATION NAME: Bacoor

DATE OF SURVEY: Aug. 2, 1984

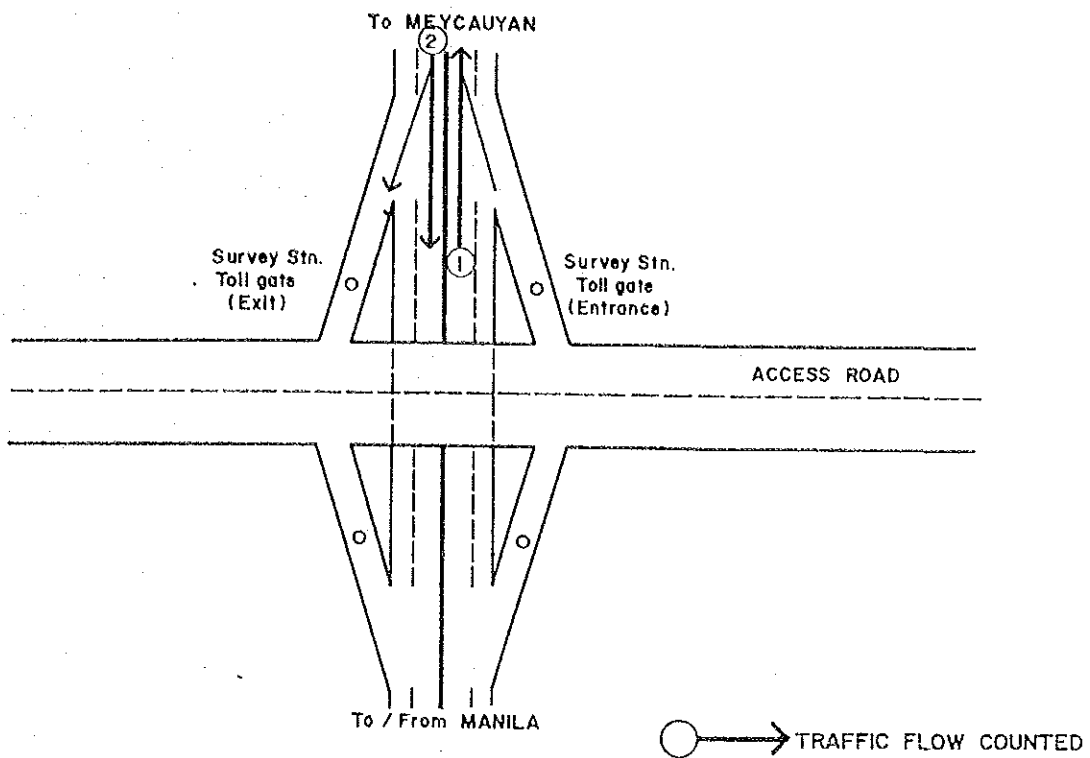


NOTE: Vehicles which cross the boundary should be counted.

STATION NO.: EX01

STATION NAME: Malinta-Meycauayan

DATE OF SURVEY: July 23, 1984

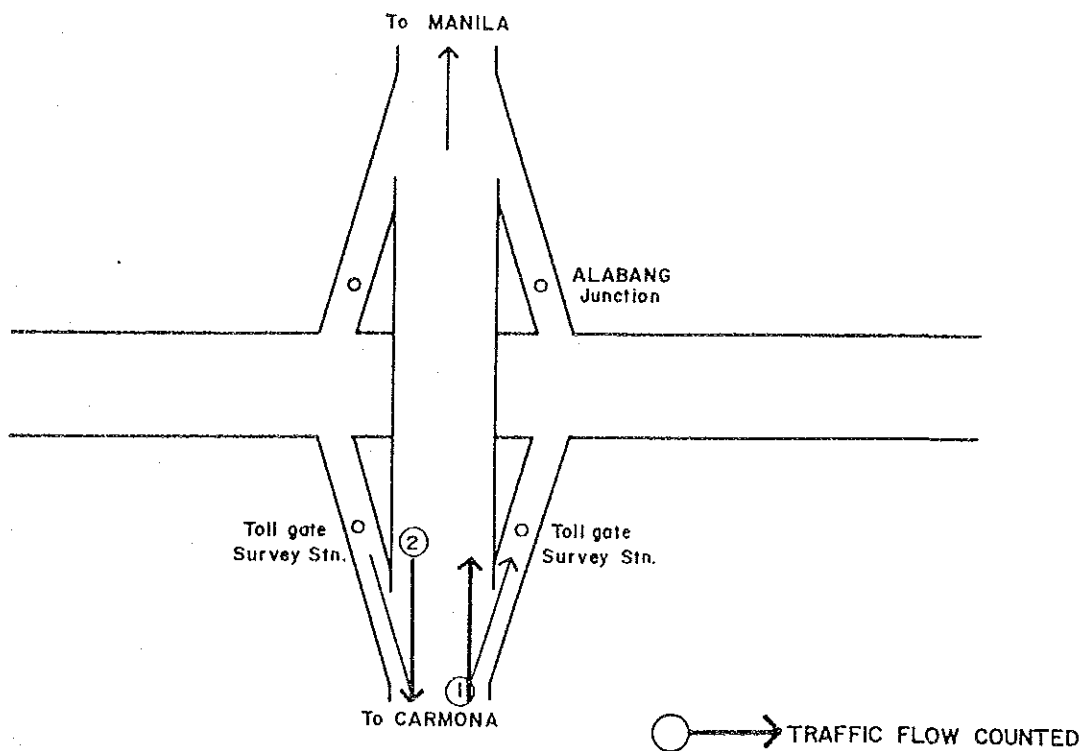


NOTE: Survey stations at Diamond Interchange on Expressway.

STATION NO.: EX02

STATION NAME: Alabang-Carmona

DATE OF SURVEY: Aug. 2, 1984

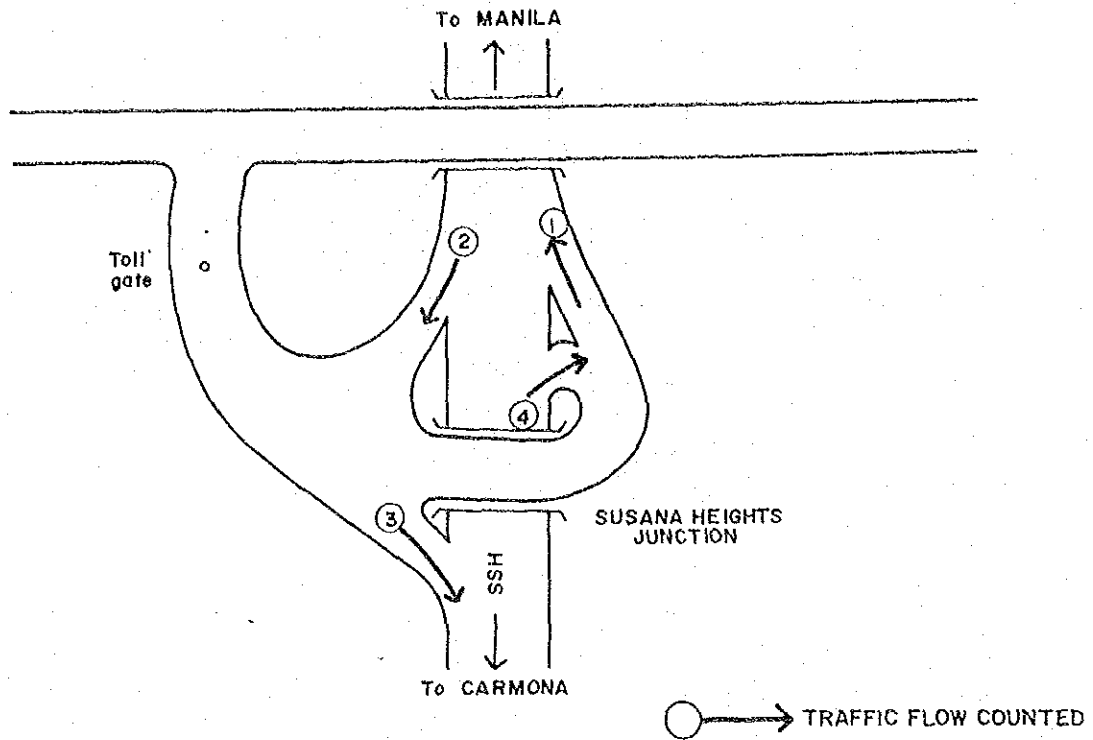


NOTE: Both of thru traffic and going into/out traffic will be counted.

STATION NO.: EX03

STATION NAME: Susana Heights

DATE OF SURVEY: Aug. 6, 1984



NOTE: 4 direction-traffic should be counted, respectively.

Appendix 2.2A
Traffic Count Survey Form

STATION NO. _____ STATION NAME _____

DIRECTION FROM _____ TO _____

DATE _____ WEATHER _____

1st Shift 2nd Shift 3rd Shift Recorder _____

MODE TIME						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						
<input type="checkbox"/> AM <input type="checkbox"/> PM ~						

Appendix 2.2B
Traffic Count Tally Sheet

STATION NO. _____ STATION NAME _____

DIRECTION FROM _____ TO _____

DATE _____ WEATHER _____ RECORDER _____

- MODE
- | | | | | |
|------------------------------------|-------------------------------------|-----------------------------------|--|--|
| <input type="checkbox"/> 1st Shift | <input type="checkbox"/> JEEPNEY | <input type="checkbox"/> MINI-BUS | <input type="checkbox"/> BUS | <input type="checkbox"/> TRICYCLE |
| <input type="checkbox"/> 2nd Shift | <input type="checkbox"/> CAR/JEEP | <input type="checkbox"/> TAXI | <input type="checkbox"/> VAN / PICK-UP | <input type="checkbox"/> TRUCK / TRAILER |
| <input type="checkbox"/> 3rd Shift | <input type="checkbox"/> MOTORCYCLE | <input type="checkbox"/> OTHERS | | |

TIME	FOR COUNTING	TOTAL
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		
<input type="checkbox"/> AM <input type="checkbox"/> PM ~		

Appendix 2.2C
Traffic Count Survey Summary Form

STATION NO. _____ STATION NAME _____

DIRECTION FROM _____ TO _____

DATE _____ WEATHER 1st _____ RECORDER 1st _____
 2nd _____ 2nd _____
 3rd _____ 3rd _____

VEHICLE TYPE / HOUR	PUBLIC					PRIVATE							TOTAL
	JEEPNEY	MINI-BUS	BIG BUS	TRI-CYCLE	SUB TOTAL	CAR/JEEP	TAXI	VAN/PICK-UP	TRUCK/TRAILER	MOTOR CYCLE	OTHERS	SUB TOTAL	
6 - 7													
7 - 8													
8 - 9													
9 - 10													
10 - 11													
11 - 12													
12 - 13													
13 - 14													
14 - 15													
15 - 16													
16 - 17													
17 - 18													
18 - 19													
19 - 20													
20 - 21													
21 - 22													
22 - 23													
23 - 0													
0 - 1													
1 - 2													
2 - 3													
3 - 4													
4 - 5													
5 - 6													
TOTAL													

Appendix 2.3A
Vehicle Occupancy Survey Form

STATION NO. _____ STATION NAME _____
 DIRECTION: FROM _____ TO _____
 DATE _____ WEATHER _____ RECORDER _____
 TIME: _____ - _____ AM PM

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

MODE:		
NO.	NO. OF PASS. ON BOARD	SEATING CAPACITY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
TOTAL		

Appendix 2.3B
Vehicle Occupancy Survey Summary Form

STATION NO. _____ STATION NAME _____

DIRECTION FROM _____ TO _____

DATE _____ WEATHER 1st _____ RECORDER 1st _____
 2nd _____ 2nd _____
 3rd _____ 3rd _____

VEHICLE TYPE / HOUR	P R I V A T E																		SUBTOTAL		
	CAR / JEEP			TAXI			VAN / PICK - UP			TRUCK / TRAILER			MOTORCYCLE			OTHERS					
	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BD.	TOTAL SEAT- ING CAP.
6 - 7																					
7 - 8																					
8 - 9																					
9 - 10																					
10 - 11																					
11 - 12																					
12 - 13																					
13 - 14																					
14 - 15																					
15 - 16																					
16 - 17																					
17 - 18																					
18 - 19																					
19 - 20																					
20 - 21																					
21 - 22																					
22 - 23																					
23 - 0																					
0 - 1																					
1 - 2																					
2 - 3																					
3 - 4																					
4 - 5																					
5 - 6																					
TOTAL																					

(Cont. Appendix 2.3B)

STATION NO. _____ STATION NAME _____
 DIRECTION FROM _____ TO _____
 DATE _____ WEATHER 1st _____ RECORDER 1st _____
 2nd _____ 2nd _____
 3rd _____ 3rd _____

VEHICLE TYPE	P U B L I C															TOTAL		
	JEEPNEY			MINI BUS			BIG BUS			TRICYCLE			SUB-TOTAL			NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.
	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.	NO. OF SAM- PLES	TOTAL NO. OF PASS. ON BOARD	TOTAL SEAT- ING CAP.			
HOURLY																		
6 - 7																		
7 - 8																		
8 - 9																		
9 - 10																		
10 - 11																		
11 - 12																		
12 - 13																		
13 - 14																		
14 - 15																		
15 - 16																		
16 - 17																		
17 - 18																		
18 - 19																		
19 - 20																		
20 - 21																		
21 - 22																		
22 - 23																		
23 - 0																		
0 - 1																		
1 - 2																		
2 - 3																		
3 - 4																		
4 - 5																		
5 - 6																		
TOTAL																		

Appendix 2.4
Average Sample Rate by Vehicle Type and by Station

STATION NAME	P U B L I C M O D E					P R I V A T E M O D E							SUB-TOTAL	SUB-TOTAL	TOTAL
	JTY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CARY/JEEP	TAXI	VAN/PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL			
<u>EW SCREEN (WEST)</u>															
SLO1	54	50	35	-	54	33	36	28	43	45	23	34	35		
SLO2	45	84	91	50	47	32	49	45	100	68	89	40	42		
SLO3	11	74	80	25	14	25	13	26	78	56	10	24	18		
SLO4	22	-	44	25	49	23	41	37	70	88	49	32	27		
SLO5	36	56	50	-	49	13	30	22	47	63	0	19	22		
SLO6	64	7	87	-	63	24	58	32	59	38	55	32	34		
<u>EW SCREEN (EAST)</u>															
SLO7	20	-	-	102	21	27	33	18	45	49	84	31	28		
SLO8	51	32	11	-	14	2	7	16	15	22	75	5	6		
SLO9	19	76	77	11	15	23	87	32	45	80	47	37	21		
<u>NS SCREEN (NORTH)</u>															
SL10	-	35	11	67	12	10	21	7	15	51	92	12	12		
SL11	17	3	27	59	22	26	36	14	38	84	62	28	26		
SL12	10	34	53	58	12	5	10	5	46	47	24	7	9		
SL13	17	-	44	43	17	13	21	14	72	66	76	18	18		
SL14	17	90	62	31	19	8	15	9	67	39	59	11	13		
SL15	22	100	84	61	29	18	58	31	65	92	57	32	31		
SL22	17	64	53	9	20	19	23	20	35	59	53	23	22		
SL23	34	90	93	99	58	34	97	48	90	92	100	54	56		
SL24	63	67	92	76	66	16	94	26	78	100	66	36	50		
SL25	37	100	100	100	43	53	85	62	91	88	100	67	57		
<u>NS SCREEN (SOUTH)</u>															
SL16	48	-	59	39	49	48	59	62	63	78	59	55	53		
SL17	24	33	64	-	24	22	40	31	87	69	19	32	28		
SL18	24	58	83	58	27	7	10	17	80	29	36	11	12		
SL19	23	17	18	70	21	11	11	22	93	59	40	15	17		
SL20	18	46	43	22	19	12	18	17	39	26	57	15	16		
SL21	-	-	67	100	68	3	10	5	17	40	66	5	8		
SL26	41	-	59	23	41	6	55	17	65	60	100	19	25		
SL27	47	48	69	94	49	17	80	31	75	91	100	38	42		
SL28	48	100	30	72	71	17	38	36	84	98	100	37	48		
SL29	37	43	50	95	57	75	100	100	59	100	-	100	66		

(Cont. Appendix 2.4)

STATION NAME	P U B L I C M O D E					P R I V A T E M O D E					SUB-TOTAL	TOTAL	
	JPY	M-BUS	D-BUS	TRICYCLE	SUB-TOTAL	CAR/ JEEP	TAXI	VAN/ PICKUP	TRUCK	MOTOR-CYCLE			OTHERS
<u>CORDON (NORTH)</u>													
EX01	26	58	22	-	26	13	76	9	13	-	-	12	15
CI02	31	-	-	64	40	51	91	72	91	80	74	62	48
CI03	31	-	-	47	36	78	100	61	42	52	44	59	43
CI04	26	75	83	100	31	55	100	35	40	65	100	49	39
CI05	76	80	100	100	82	67	100	75	94	95	83	78	79
<u>CORDON (EAST)</u>													
CI06	41	-	75	82	45	63	86	73	61	100	100	71	58
CI07	29	67	74	60	36	39	100	87	73	100	79	62	50
CI08	58	73	50	86	75	22	43	41	96	100	25	36	48
CI09	27	76	60	159	42	36	100	17	27	58	38	32	37
<u>CORDON (SOUTH)</u>													
EX02	31	100	20	-	24	5	80	10	27	-	100	12	14
EX03	36	100	21	-	26	6	90	11	29	-	100	13	15
CI10	15	97	62	83	27	15	81	34	46	84	87	30	29
CI11	21	42	64	81	26	26	89	19	52	76	-	29	27

Source: 1984 Screenline/Cordonline Surveys

Appendix 2.5
Schedule of Screenline/Cordonline Surveys

STATION	DATE	REMARKS	STATION	DATE	REMARKS
SL01 Del Pan Bridge	July 17	24 hour count	SL20 Pasay Road	July 19	
SL02 Jones Bridge	July 17		SL21 SS H'way	July 24	
SL03 McArthur Bridge	July 17		SL22 Shaw Blvd.	July 20	
SL04 Quezon Bridge	July 16		SL23 Bagbaguin Road	July 27	
SL05 Ayala Bridge	July 16		SL24 Quirino H'way	July 30	
SL06 Nagtahan Bridge	July 18		SL25 Tandang Sora	July 30	
SL07 Panaderos	July 20		SL26 Nichols	July 25	
SL08 Guadalupe	August 1		SL27 Bicutan	August 3	
SL09 Bambang Bridge	August 1		SL28 Dr. M.L. Carreon	July 20	
SL10 EDSA near Roosevelt	July 24		SL29 Bagumbayan	August 3	
SL11 Del Monte	July 25		EX01 Malinta- Meycauayan	July 27	
SL12 Quezon Avenue	July 24		EX02 Alabang- Carmona	August 2	
SL13 E. Rodriguez	July 23		EX03 Susana Heights	July 26	Resurveyed on Aug. 6 due to change in survey points
SL14 Aurora Blvd.	July 23		CH02 Panghulo Road	July 26	Resurveyed on Aug. 6 due to flood
SL15 N. Domingo	July 23		CH03 Gen. Vililla	July 26	Resurveyed on Aug. 6 due to flood
SL16 P. Gil - Pres. Quirino	July 18		CH04 McArthur H'way	July 27	
SL17 San Andres	July 18		CH05 Quirino H.	July 30	
SL18 Vito Cruz	July 19		CH06 Marikina/ San Mateo	July 31	
SL19 Buendia	July 19		CH07 Mla-Cogeo	July 31	
		CH08 Antipolo Road	July 31		
		CH09 Ortigas Ave.	August 1		
		CH10 San Pedro	August 2		
		CH11 Bacoar	August 2		

Appendix 2.6
Screenline/Cordonline Traffic Volume by
Vehicle Type and by Station
(Number of Vehicles/16 Hours, Both Directions)

STATION NAME	P U B L I C M O D E						P R I V A T E M O D E						TOTAL
	JCY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/JEEP	TAXI	VAN/PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL	
SL01 Del Pan Bridge	2479	10	17	7	2513	10983	5402	5642	3089	862	791	26769	
SL02 Jones Bridge	10856	354	232	14	11456	20462	4624	3859	101	1463	809	31318	
SL03 McArthur Bridge	16769	336	277	4	17386	3317	1593	101	463	69	12735		
SL04 Quezon Bridge	35383	30	2320	8	37741	15292	4365	2379	391	466	77	60711	
SL05 Avaria Bridge	217	114	2692	22	3045	22038	5630	4430	1095	1008	59	32160	
SL06 Magtahan Bridge	2706	27	39	4	2776	31037	6793	10065	2479	2324	436	53934	
EW Screen (West)													
Sub-total	68410	871	5577	59	74917	107804	30031	27968	7256	6586	2241	181886	
SL07 Panaderos	5984	13	6	49	6052	7742	2039	3523	1152	915	698	16069	
SL08 Guadalupe	675	111	8356	7	9149	88080	6112	13023	3172	2477	484	113348	
SL09 Bambang Bridge	5068	17	300	8097	13482	2101	111	1388	690	402	771	5463	
EW Screen (East)													
Sub-total	11727	141	8662	8153	28683	97923	8262	17934	5014	3794	1953	134880	
SL10 EDSA near Roosevelt	0	55	8550	21	8626	18223	2097	8332	2648	646	349	32295	
SL11 Del Monte	5677	73	11	713	6474	7314	1300	3199	879	380	482	13554	
SL12 Quezon Avenue	18304	73	710	19	19106	35370	4750	8372	976	1159	21	50648	
SL13 E. Rodriguez	11492	35	36	60	11623	14197	2263	4069	383	593	420	21925	
SL14 Aurora Boulevard	11255	31	473	26	11785	25109	3151	5529	479	1016	337	35621	
SL15 N. Domingo	4402	27	564	36	5029	3152	814	1245	231	250	7	5699	
SL22 Shaw Boulevard	11307	347	694	57	12405	9981	2296	3367	1070	670	601	17985	
SL23 Bagbaguin Road	1751	438	596	165	2950	1759	29	1098	818	62	152	3918	
SL24 Quirino Highway	6889	6	635	66	7596	4024	413	2341	1052	388	362	8560	
SL25 Tandang Sora	1632	9	1	142	1684	1009	103	614	456	153	2	2337	
EW Screen (North)													
Sub-total	72609	1094	12270	1305	87278	120138	17216	38166	8992	5297	2733	192542	
SL16 P. Gil-P. Quirino	10827	14	1196	100	12137	7436	2851	2162	837	724	1485	15495	
SL17 San Andres	8041	52	14	31	8138	3913	2054	1090	209	434	59	7759	
SL18 Vito Cruz	3765	53	135	57	4010	27658	7050	5106	369	1383	467	42033	
SL19 Buendia	5292	35	3372	23	8722	19897	5611	3751	431	1150	515	31355	
SL20 Pasay Road	3462	74	37	54	3627	15254	3321	3171	703	969	35	23453	
SL21 EDSA/SSH	0	0	4235	1	4236	61235	5108	11170	1926	1157	154	80760	
SL26 Nichols	5472	179	679	13	6343	10730	685	3547	873	961	364	17160	
SL27 Bicutan	3999	150	269	53	4471	3866	213	1993	1069	568	197	7906	
SL28 Dr. M.L. Carreon	62	6	10	3383	3461	3395	1270	1080	973	357	14	7059	
SL29 Bagumbayan	783	7	4	401	1195	130	3	64	29	50	1	277	
NS Screen (South)													
Sub-total	41703	570	9951	4116	56340	153514	28166	33134	7419	7753	3291	233277	
Sub-total												289817	

(Cont. Appendix 2.6)

STATION NAME	PUBLIC MODE					PRIVATE MODE								SUB-TOTAL	TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/ JEEP	TAXI	VAN/ PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL			
EX01 Malinta-Meycauayan	2026	344	2921	0	5291	15255	107	5125	3677	0	0	24164	29455		
CH01 Malabon-Obando	2755	0	0	1062	3817	1083	11	326	105	110	270	1905	5722		
CH02 Panghulo Road	2014	0	2	1006	3022	454	8	180	92	60	9	803	3825		
CH03 Gen. Villita	7351	4	103	412	7870	3263	14	1420	1202	519	17	6435	14305		
CH04 McArthur Highway	578	383	79	50	1090	737	17	446	337	133	46	1716	2606		
CH05 Quirino Highway															
Cordon (North)															
Sub-total	14724	731	3105	2530	21090	20792	157	7497	5413	822	342	35023	56113		
CH06 Marikina/San Mateo	2316	8	102	201	2627	836	42	756	811	71	140	2656	5283		
CH07 Manila-Correo	2097	147	19	391	2654	1499	33	492	800	158	205	3187	5841		
CH08 Antipolo Road	755	41	10	1166	1972	2835	30	1061	392	161	4	4483	6455		
CH09 Ortigas Avenue	7018	243	694	723	8678	5293	102	2399	1314	446	8	9562	18240		
Cordon (East)															
Sub-total	12186	439	825	2481	15931	10463	207	4708	3317	836	357	19888	35819		
EX02 Atabang-Carmona	743	86	3161	0	3990	17798	99	4637	2058	0	575	25167	29157		
EX03 Susana Heights	647	85	3084	0	3816	15848	88	4304	1905	0	575	22420	26236		
CH10 San Pedro	5828	194	577	630	7229	4157	31	1770	1220	372	213	7763	14992		
CH11 Bacoar	9081	977	654	37	10749	6860	82	2335	787	552	55	10671	21420		
Cordon (South)															
Sub-total	15556	1256	4315	667	21794	26565	201	8409	3912	924	843	40854	62648		
SCREENLINE TOTAL	194449	2676	36460	13633	247218	479376	83675	117202	28681	23430	10218	742585	988803		
CORDONLINE TOTAL	42465	2426	8245	5678	58815	57820	565	20614	12642	2582	1542	95765	154580		
GRAND TOTAL	236915	5102	44705	19311	306033	537199	84240	137816	41323	26012	11760	838350	1144383		

Source: 1984 Screenline/Cordonline Surveys
 1/ Excludes EX02

Appendix 2.7
Screenline/Cordonline Traffic Volume by
Vehicle Type and by Station
(Number of Passengers/16 Hours, Both Directions)

STATION NAME	P U B L I C M O D E					P R I V A T E M O D E								SUB-TOTAL	TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/VEEP	TAXI	VAN/PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL			
SL01 Del Pan Bridge	23564	146	245	0	23955	26038	6040	15348	7583	1071	906	56986	80941		
SL02 Jones Bridge	110398	8065	2781	0	121244	44466	6206	12415	275	1816	1037	68215	187459		
SL03 McArthur Bridge	205678	6043	5828	0	217549	16461	5564	4013	345	598	155	27136	244685		
SL04 Quezon Bridge	370888	398	87479	2	458767	31305	3804	5087	574	496	81	41347	500114		
SL05 Ayala Bridge	697	4169	129391	36	134293	49272	7784	11998	2807	1238	68	73167	207460		
SL06 Nagtahan Bridge	29445	829	949	7	31230	76774	8379	37371	5667	2896	549	131636	162866		
EW Screen (West) Sub-Total	740670	19650	226673	45	987038	244316	37777	86232	17251	8115	2796	396487	1383525		
SL07 Panaderos	52609	286	126	57	53078	14943	2545	12207	3007	1110	828	34640	87718		
SL08 Guadalupe	8934	4365	490787	0	504866	205854	8017	36002	8365	2923	4542	265703	769789		
SL09 Bambang Bridge	46605	201	7563	9922	64291	4608	89	4554	1731	570	851	12403	76694		
EW SCREEN (EAST) Sub-Total	108148	4852	498476	9979	621455	225405	10651	52763	13103	4603	6221	312745	934201		
SL10 EDSA near Roosevelt	0	2242	303763	4	306009	38261	2326	27877	7036	824	798	77122	383131		
SL11 Del Monte	45998	1290	530	675	48493	15199	1410	11540	2064	502	611	31326	79819		
SL12 Quezon Avenue	215941	1047	30503	18	247509	82682	6178	23269	2692	1425	57	116303	363812		
SL13 E. Rodriguez	138092	565	1174	54	139985	29918	2581	12088	1518	773	551	47429	187414		
SL14 Aurora Blvd.	122554	589	23250	34	145427	56156	4010	14546	1295	1235	344	77586	224013		
SL15 N. Domingo	41735	223	33170	38	75166	6648	915	3306	648	323	13	11853	87019		
SL22 Shaw Blvd.	124740	12886	36942	25	174593	19040	2542	8690	2886	809	730	34697	209290		
SL23 Bagbaguin Rd.	12986	14453	18437	216	46092	4625	37	4056	2112	89	336	11255	57347		
SL24 Quirino H-way	70761	24	24893	53	95731	10869	500	7389	2669	449	1430	23306	119037		
SL25 Tandang Sora	11355	147	0	94	11596	2435	155	1695	1387	187	4	5863	17459		
NS SCREEN (NORTH) Sub-Total	784162	33566	472662	1211	1291601	265833	20654	114456	24307	6616	4874	436740	1728341		
SL16 P. Gil - P. Quirino	115284	248	70257	105	185894	17897	3449	6647	2099	895	2425	33412	219306		
SL17 San Andres	65971	904	157	31	67063	9690	2132	2794	621	539	127	15903	82966		
SL18 Vito Cruz	23968	586	6679	53	31286	58206	8487	15064	997	1705	589	85048	116334		
SL19 Buendia	41259	66	147931	24	189280	41574	6301	10319	1160	1359	608	61321	250601		
SL20 Passay Rd.	30505	1384	360	55	32304	34558	3762	7721	1924	1158	60	49183	81487		
SL21 EDSA/SSH	0	0	192310	0	192310	125205	6196	25670	4690	1291	154	163206	355516		
SL26 Nichols	57662	3580	29442	22	90706	23531	763	13519	2307	1223	2254	43897	134303		
SL27 Bicutan	37101	2207	6881	60	46249	8840	6887	179	2866	675	827	20274	66523		
SL28 Dr. M. L. Carreon	162	60	0	5120	5342	7875	1636	2848	2231	578	21	15189	20531		
SL29 Bagumbayan	4173	126	58	636	4993	314	6	175	75	83	0	653	5646		
NS SCREEN (SOUTH) Sub-Total	376085	9161	454075	6106	845427	327690	32911	91644	18970	9506	7065	487786	1332213		

(Cont. Appendix 2.7)

STATION NAME	P U B L I C M O D E						P R I V A T E						SUB-TOTAL	SUB-TOTAL	TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	TAXI	CAR/ JEEP	VAN/ PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL	TOTAL			
EX01 Malinta - Meycauayan	23763	13040	131893	0	192	34711	18564	8768	0	0	62235	230931			
CI01 Malabon - Obando	25014	0	0	1326	15	2668	972	308	143	307	4413	30953			
CI02 Panghulo Road	17873	0	34	1443	8	1090	456	262	97	9	1922	21272			
CI03 Gen. Villa	64497	9	1653	455	13	7656	3689	3310	682	32	15382	81996			
CI04 McArthur Hwy.	5076	12512	2311	62	40	1996	1394	911	188	50	4579	24540			
CI05 Quirino Hwy.															
CORDON (NORTH)															
Sub-Total	136223	25561	135891	3486	268	48121	25075	13559	1110	398	88531	389592			
CI06 Marikina/San Mateo	29762	144	3625	276	47	1722	2762	2117	101	772	7521	41328			
CI07 Manila/Cogeo	17826	3209	632	392	45	4013	2022	1748	205	213	8246	30305			
CI08 Antipolo Road	8495	639	337	1300	30	7863	3571	1126	206	4	12800	23571			
CI09 Ortigas Avenue	67218	7490	27458	815	111	12657	7404	3474	588	25	24239	127220			
CORDON (EAST)															
Sub-Total	123301	11482	32052	2783	233	26255	15759	8465	1080	1014	52806	222424			
EX02 Alabang - Carmona	8250	2965	106023	0	168	38891	17134	5271	0	5759	67223	184461			
EX03 Susana Heights	7105	2921	102579	0	147	33806	15950	4878	0	3800	58591	171196			
CI10 San Pedro	60700	3283	21072	625	28	9196	5047	3088	505	307	18171	103851			
CI11 Bacoor	73045	26951	35424	30	98	20643	7304	2278	713	0	31036	166486			
CORDON (SOUTH)															
Sub-Total	140850	33155	159075	655	273	63645	28311	10244	1218	4107	76762	441533			
SCREENLINE TOTAL	2009065	67229	1651886	17341	101993	1063244	345095	73631	28840	20956	1633759	5379280			
CORDONLINE TOTAL	400374	70198	327018	6924	774	138021	69145	32268	3408	5519	181912	986426			
GRAND TOTAL	2409439	137427	1978904	24265	102767	1201265	414240	105899	32248	26475	1815671	6365706			

Source: 1984 Screenline/Cordonline Surveys

1/ Excludes EX02

Appendix 2.8
Screenline/Cordonline Traffic Volume by
Vehicle Type and by Station (ADT)
Number of Vehicles, Both Directions

STATION NAME	P U B L I C M O D E						P R I V A T E M O D E						SUB-TOTAL	TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/ JEEP	TAXI	VAN/ PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL		
SL01 Del Pan Bridge	2780	10	19	12	2821	12191	6809	6027	7335	936	923	34221	37042	
SL02 Jones Bridge	12211	368	248	30	12857	22758	5847	4168	238	1583	927	35521	48378	
SL03 McArthur Bridge	18448	347	291	0	19086	8130	4511	1707	143	531	89	15111	34197	
SL04 Quezon Bridge	35383	30	2320	8	3741	15292	4365	2379	391	466	77	22970	60711	
SL05 Ayala Bridge	521	121	2735	11	3388	23140	7009	4607	1244	1064	80	37144	40532	
SL06 Naatahan Bridge	3232	27	41	4	3304	35507	8483	10420	3287	2431	436	60564	63868	
EW Screen (West)														
Sub-total	72575	903	5654	65	79197	117018	37024	29308	12638	7011	2532	205551	284728	
SL07 Panaderos	6763	16	6	60	6845	8505	2784	3735	1244	967	1473	18708	25553	
SL08 Guadalupe	817	139	8962	7	9925	94246	7519	13751	3875	2577	499	122467	132392	
SL09 Bambang Bridge	5727	19	311	9438	15495	2355	160	1478	728	438	783	5942	21437	
EW Screen (East)														
Sub-total	13307	174	9279	9505	32265	105106	10463	18964	5847	3982	2755	147117	179382	
SL10 EDSA near Roosevelt	0	71	9670	28	9769	20393	3005	9020	3439	726	355	36939	46708	
SL11 Del Monte	6419	79	14	810	7322	8169	1903	3377	931	414	526	15340	22662	
SL12 Quezon Avenue	19769	88	743	28	20628	38565	6176	8917	1097	1275	24	56054	75682	
SL13 E. Rodriguez	12473	36	41	60	12610	15333	2620	4715	412	652	425	24157	36767	
SL14 Aurora Boulevard	12437	54	480	30	13001	27127	4015	5888	608	1107	361	39106	52107	
SL15 N. Domingo	5215	33	572	37	5857	3411	1100	1351	239	263	7	6371	12228	
SL22 Shaw Boulevard	13002	395	743	105	14245	11090	3226	3675	1198	721	611	20521	34766	
SL23 Bagbaguin Road	2079	686	715	272	3752	1973	44	1204	1050	79	197	4547	8299	
SL24 Quirino Highway	8154	9	767	108	9038	4513	662	2593	1344	454	470	10056	19094	
SL25 Tandang Sora	1817	13	1	234	2065	1131	164	679	576	191	3	2744	4809	
NS Screen (North)														
Sub-total	81365	1464	13746	1712	98287	131725	22935	41419	10894	5882	2980	215835	314122	
SL16 P. Gil - P. Quirino	12660	15	1220	110	14005	8262	3890	2335	932	781	1581	17781	31786	
SL17 San Andres	8928	61	14	31	9034	4174	2487	1139	226	459	59	8544	17578	
SL18 Vito Cruz	4121	59	135	63	4378	29726	9026	5440	390	1469	509	46620	50998	
SL19 Buendia	5662	36	3525	27	9250	21711	6608	3883	472	1190	517	34381	43631	
SL20 Pasy Road	3686	76	42	72	3876	16160	4233	3298	787	993	39	25510	29386	
SL21 EDSA/SSH	0	0	4489	1	4490	66469	6154	11845	2290	1198	156	88112	92602	
SL26 Nichols	6306	223	797	15	7341	11940	836	3804	974	1067	475	19096	26437	
SL27 Bicutan	4600	187	312	62	5161	4316	260	2130	1243	631	252	8832	13993	
SL28 Dr. M.L. Carreon	72	7	11	3954	4044	3810	1550	1158	1126	395	18	8058	12102	
SL29 Bagumbayan	915	7	4	441	1367	144	4	69	33	54	1	305	1672	
NS Screen (South)														
Sub-total	46950	671	10549	4776	62946	166712	35048	35101	8473	8238	3667	257239	320185	

(Cont. Appendix 2.8)

STATION NAME	P U B L I C M O D E					P R I V A T E M O D E							SUB-TOTAL	SUB-TOTAL	TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/ JEEP	TAXI	VAN/ PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL			
EX01 Malinta-Meycauyan	2240	378	3199	0	5817	16524	135	5696	4713	0	0	27068	32885		
CI01 Malabon-Obando	3266	0	0	1752	5018	1212	18	359	134	139	351	2213	7231		
CI02 Panghulo Road	2384	0	2	1661	4047	508	15	199	119	75	12	928	4975		
CI03 Gen. Villilla	8717	6	124	681	9528	3649	23	1560	1538	643	23	7436	16964		
CI04 McArthur Highway	685	606	95	83	1469	827	28	491	431	167	60	2004	3473		
CI05 Quirino Highway															
Cordon (North)															
Sub-total	17292	990	3420	4177	25879	22720	219	8305	6935	1024	446	39649	65528		
CI06 Marikina/San Mateo	2748	9	119	231	3107	949	65	827	1064	79	167	3151	6258		
CI07 Manila-Gogeo	2468	166	22	447	3103	1702	51	539	1048	177	246	3763	6866		
CI08 Antipolo Road	890	46	12	1328	2276	3220	48	1163	514	180	5	5130	7406		
CI09 Ortigas Avenue	8275	276	808	823	10182	6008	160	2626	1721	499	10	11024	21205		
Cordon (East)															
Sub-total	14381	497	961	2829	18668	11879	324	5155	4347	935	428	23066	41736		
EX02 Alabang-Carmona	899	101	3424	0	4424	19162	139	5147	2745	0	674	27867	32291		
EX03 Susana Heights	783	100	3338	0	4221	16743	124	4780	2541	0	674	24862	29083		
CI10 San Pedro	6739	241	680	737	8397	4631	38	1890	1415	413	291	8678	17075		
CI11 Bacoor	10655	1051	690	112	12508	7735	108	2426	931	629	61	11890	24398		
Cordon (South)															
Sub-total	18177	1392	4708	849	25126	29109	270	9096	4887	1042	1026	45430	70556		
SCREENLINE TOTAL	214197	3212	39228	16058	272595	520561	105470	124792	37852	25113	11934	825722	1098417		
CORDONLINE TOTAL	49850	2879	9089	7855	69673	63708	813	22556	16169	3001	1900	106147	177820		
GRAND TOTAL	264047	6091	48317	23913	342368	584269	106283	147348	54021	28114	13834	933869	1276237		

Source: 1984 Screenline/Cordonline Surveys

1/ Excludes EX02

Appendix 2.9
Screenline/Cordonline Traffic Volume by
Vehicle Type and by Station (ADT)
Number of Passengers, Both Directions

STATION NAME	P U B L I C M O D E						P R I V A T E M O D E						SUB-TOTAL	TOTAL
	JBY	M-BUS	D-BUS	TRICYCLE	SUB-TOTAL	CAR/JEEP	TAXI	VAN/PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL		
SL01. Del Pan Bridge	26407	153	274	0	26834	28886	7609	16360	18374	1163	1058	73450	100284	
SL02. Jones Bridge	124297	8442	2993	0	135732	49451	7846	13401	620	1967	1198	74483	210215	
SL03. McArthur Bridge	226297	6239	6109	0	238645	18595	7574	4301	488	688	197	31841	270486	
SL04. Quezon Bridge	389029	540	88901	2	478472	35565	5745	5831	945	567	81	48734	527206	
SL05. Ayala Bridge	1874	4415	131401	19	137709	51735	9860	12478	3188	1307	92	78660	216369	
SL06. Magtahan Bridge	35093	829	987	7	36916	85700	10476	38507	7494	3028	549	145754	182670	
EW SCREEN (WEST)														
Sub-Total	802997	20618	230665	28	1054308	269932	49110	90878	31109	8718	3175	452922	1507230	
SL07. Panaderos	59480	340	126	72	60018	16423	3475	12939	3247	1172	1673	39929	98947	
SL08. Guadalupe	10824	5511	526814	0	543149	220208	9859	38027	10241	3042	4716	286093	829242	
SL09. Bambang Bridge	52646	235	7823	11569	72273	5167	128	4847	1827	622	865	13455	85729	
EW SCREEN (EAST)														
Sub-Total	122950	6086	534763	11641	675440	241798	13462	55813	15315	4836	7254	338478	1013918	
SL10. EDSA near Roosevelt	0	2907	343507	5	346419	42826	3369	30252	9130	925	618	87320	433739	
SL11. Del Monte	51987	1393	663	770	54813	17026	2067	12161	2183	547	666	34650	89463	
SL12. Quezon Avenue	233217	1269	31873	24	266383	89977	8039	24786	3027	1567	65	127461	393844	
SL13. E. Rodriguez	149878	691	1347	54	151970	32311	2977	14220	1629	850	559	52546	204516	
SL14. Aurora Blvd.	135452	1125	23603	38	160218	60614	5105	15490	1643	1346	368	84566	244784	
SL15. N. Domingo	49445	266	33655	39	83405	7190	1240	3586	671	339	13	13039	96444	
SL22. Shaw Blvd.	143398	14691	39545	55	197689	21152	3580	9486	3233	871	743	39065	236754	
SL23. Bagbaguin Road	15429	22496	22108	356	60389	5190	55	4441	2713	113	437	12949	73338	
SL24. Quirino Highway	83718	38	30108	87	113951	12210	796	8179	3414	556	1859	27014	140965	
SL25. Tandang Sora	13497	217	0	155	13869	2725	261	1875	1748	234	5	6848	20717	
NS SCREEN (NORTH)														
Sub-Total	876021	45093	526409	1583	1449106	291221	27489	124476	29391	7348	5533	485458	1934564	
SL16. P. Gil-P. Quirino	134762	257	71663	115	206797	19900	4704	7179	2336	966	2595	37670	244467	
SL17. San Andres	73265	1067	159	31	74522	10308	2588	2918	669	570	127	17180	91702	
SL18. Vito Cruz	26249	641	6679	58	33627	62562	10867	16057	1051	1810	718	93065	126692	
SL19. Buendia	44147	67	154677	33	198924	45281	7422	10682	1270	1407	610	66672	265596	
SL20. Pasay Road	32484	1421	397	73	34375	36559	4810	8030	1251	1187	67	52804	87179	
SL21. EDSA/SSH	0	0	203849	0	203849	136019	7399	27220	5572	1337	156	177703	381552	
SL26. Nichols	66317	4458	34140	26	104941	26226	931	14529	2577	1357	4370	48360	153301	
SL27. Bicutan	42616	2750	7917	70	53353	9868	218	7355	3334	749	1195	22719	76072	
SL28. Dr. M.L. Carreon	187	74	0	0	6248	8816	1996	3050	2580	641	28	17111	23359	
SL29. Bagumbayan	4878	132	59	700	5769	348	8	189	84	89	0	718	6487	
NS SCREEN (SOUTH)														
Sub-Total	424905	10887	479540	7093	922405	355887	40943	97209	21624	10113	8226	534002	1456407	

(Cont. Appendix 2.9)

STATION NAME	P U B L I C M O D E					P R I V A T E M O D E					SUB-TOTAL	TOTAL	
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/JEEP	TAXI	PICKUP	TRUCK	MOTOR-CYCLE			OTHERS
EX01 Malinta-Meycauayan	26190	14333	144472	0	184995	37637	241	20633	11226	0	0	69739	254732
CI01 Malabon-Obando	29652	0	0	2517	32169	2987	25	1066	392	182	399	5051	37220
CI02 Panghulo-Road	21165	0	40	2390	23595	1221	15	504	336	120	12	2208	25803
CI03 Gen. Villa	76600	13	2002	754	79369	8565	19	4052	4231	847	42	17756	97125
CI04 McArthur Highway	6033	19475	2768	102	28378	2241	64	1534	1167	235	65	5336	33684
CI05 Quirino Highway													
CORDON (NORTH)													
Sub-Total	159640	33821	149282	5763	348506	52651	364	27789	17352	1384	518	100058	448564
CI06 Marikina/San Mateo	35315	163	4227	317	40022	1955	73	3020	2775	113	934	8870	48892
CI07 Manila-Cogeo	21051	3610	736	450	25847	4555	70	2212	2292	3270	256	12655	38502
CI08 Antipolo-Pd.	10029	720	391	1488	12628	8933	47	3913	1475	230	5	14604	27232
CI09 Ortigas Avenue	79093	8490	31971	931	120485	14371	170	8106	4547	635	30	27859	148344
CORDON (EAST)													
Sub-Total	145488	12983	37325	3186	198982	29814	360	17251	11090	4248	1225	63988	262970
EX02 Atabang-Carmona	9982	3425	114109	0	127516	41855	235	18974	7019	0	6305	74388	201904
EX03 Susana Heights	8597	3377	110371	0	122345	36394	206	17681	6496	0	4294	65071	187416
CI10 San Pedro	69898	4086	24696	730	99410	10259	34	5411	3580	560	448	20292	119702
CI11 Bacoor	85744	28984	37378	87	152193	23422	125	7611	2699	813	0	34670	186863
CORDON (SOUTH)													
Sub-Total	164239	36447	172445	817	373948	70075	365	30703	12775	1373	4742	120033	493981
SCREENLINE TOTAL	2226873	82664	1771377	20345	4101259	1158838	131004	368376	97439	31015	24188	1810860	5912119
CORDONLINE TOTAL	469367	83251	359052	9766	921436	152540	1089	75743	41217	7005	6485	284079	1205515
GRAND TOTAL	2696240	165915	2130429	30111	5022695	1311378	132093	444119	138656	38020	30673	2094939	7117634

Source: 1984 Screenline/Cordonline Surveys

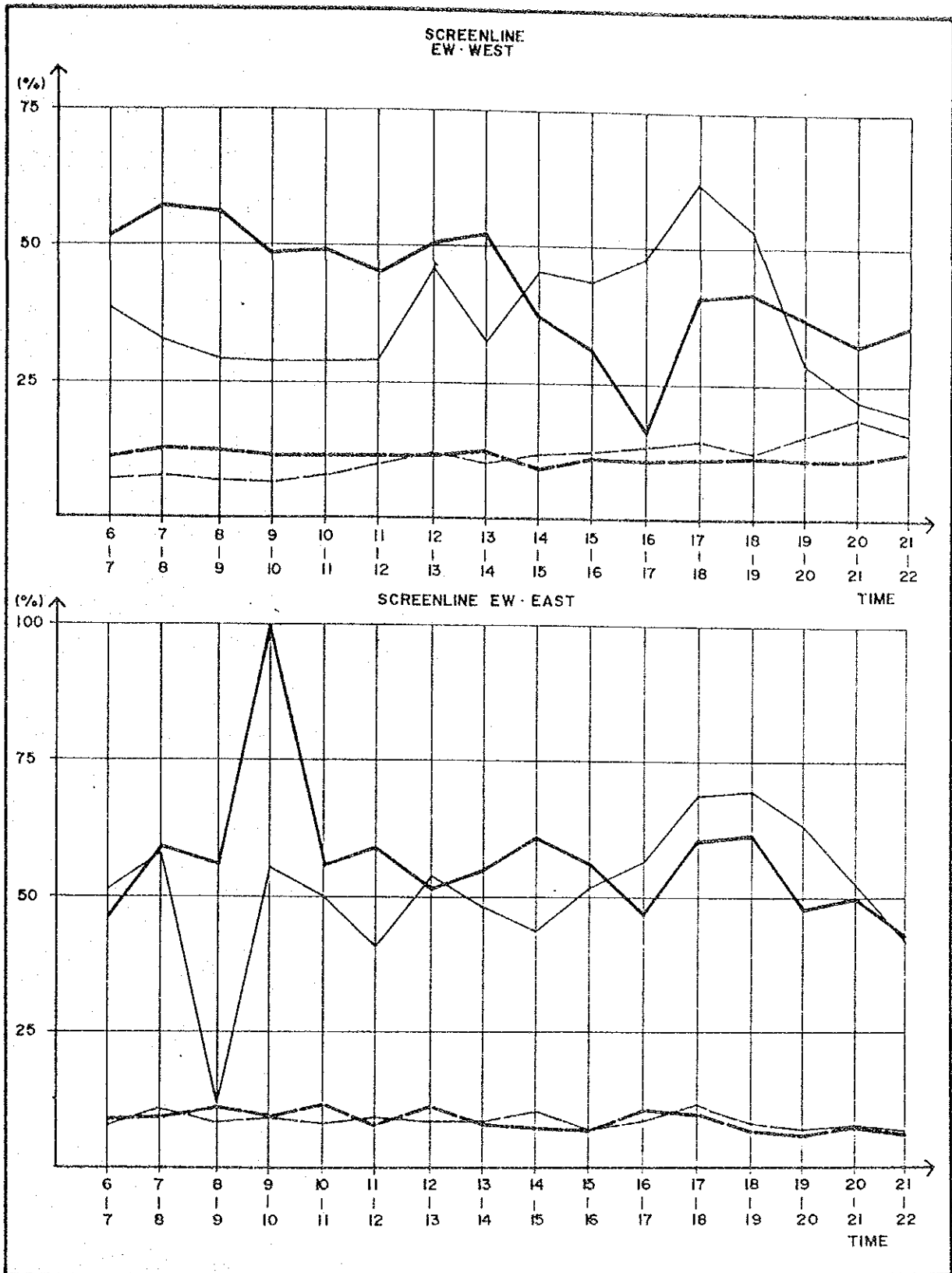
1/ Excludes EX02

Appendix 2.10
Vehicle Composition by Vehicle Type (%)

Station Name	Public Mode				Private Mode				Total
	Jeepney ^{1/}	Bus ^{1/}	Tri-1/ cycle	Sub-2/ total	Car ^{3/} / Jeep	Truck ^{3/}	Others ^{3/}	Sub-2/ total	
SL01 Del Pan Bridge	98.5	1.0	0.4	7.6	55.5	39.0	5.4	92.4	100.0
SL02 Jones Bridge	95.0	4.8	0.2	26.6	75.8	12.4	7.1	73.4	100.0
SL03 McArthur Bridge	96.7	3.3	0.0	55.8	83.7	4.5	4.1	44.2	100.0
SL04 Quezon Bridge	93.8	6.2	0.0	62.2	85.6	12.1	2.4	37.8	100.0
SL05 Ayala Bridge	15.4	84.3	0.3	8.4	81.2	15.8	3.1	91.6	100.0
SL06 Nagtahan Bridge	97.8	2.1	0.1	5.2	72.6	22.6	4.7	94.8	100.0
EW Screen (West)									
Sub-total	91.6	8.3	0.1	27.8	74.9	20.4	4.6	72.2	100.0
SL07 Panaderos	98.8	0.3	0.9	26.8	60.3	26.6	13.0	71.2	100.0
SL08 Guadalupe	8.2	91.7	0.1	7.5	83.1	14.4	2.5	92.5	100.0
SL09 Bambang Bridge	37.0	2.1	60.9	72.3	42.3	37.1	20.5	27.7	100.0
EW Screen (East)									
Sub-total	41.2	29.3	29.5	18.0	78.6	16.9	4.6	82.0	100.0
SL10 EDSA near Roosevelt	0.0	99.7	0.3	21.4	63.3	33.7	2.9	80.8	100.0
SL11 Del Monte	87.6	1.3	11.1	32.3	65.8	28.1	6.1	67.7	100.0
SL12 Quezon Avenue	95.8	4.0	0.1	26.9	79.8	17.9	2.3	73.1	100.0
SL13 E. Rodriguez	98.9	0.6	0.5	34.3	74.3	21.2	4.5	65.7	100.0
SL14 Aurora Boulevard	95.7	4.1	0.2	25.0	79.6	16.6	3.8	75.0	100.0
SL15 N. Domingo	89.0	10.3	0.6	47.9	70.8	25.0	4.2	52.1	100.0
SL22 Shaw Boulevard	91.3	8.0	0.7	41.0	69.8	23.7	6.5	59.0	100.0
SL23 Bagbaguin Road	55.4	37.3	7.2	45.2	44.4	49.6	6.1	54.8	100.0
SL24 Quirino Highway	90.2	8.6	1.2	47.3	51.7	39.2	9.2	52.7	100.0
SL25 Tandang Sora	88.0	0.7	11.3	42.9	47.2	45.7	7.1	57.1	100.0
NS Screen (North)									
Sub-total	82.8	15.5	1.7	31.3	71.7	24.2	4.1	68.7	100.0
SL16 P. Gil - P. Quirino	90.4	8.8	0.8	44.1	68.3	18.4	13.3	55.9	100.0
SL17 San Andres	98.8	0.8	0.3	51.4	78.0	16.0	6.1	48.6	100.0
SL18 Vito Cruz	94.1	4.4	1.4	8.6	83.1	12.5	4.4	91.4	100.0
SL19 Buendia	61.2	38.5	0.3	21.2	82.4	12.7	5.0	78.8	100.0
SL20 Pasay Road	95.1	3.0	1.9	13.2	80.0	16.0	4.0	86.8	100.0
SL21 EDSA/SSH	0.0	100.0	0.0	4.8	82.4	16.0	1.5	95.2	100.0
SL26 Nichols	85.9	13.9	0.2	27.8	66.9	25.0	8.1	72.2	100.0
SL27 Bicutan	89.1	9.7	1.2	36.9	51.8	38.2	10.0	63.1	100.0
SL28 Dr. M.L. Carreon	1.8	0.4	97.8	33.4	66.5	28.3	5.1	66.6	100.0
SL29 Bagumbayan	66.9	0.8	32.3	81.8	48.5	33.4	18.0	18.2	100.0
NS Screen (South)									
Sub-total	74.6	17.8	7.6	19.7	78.4	17.0	4.6	80.3	100.0
EX01 Malinta - Meycauayan	38.5	61.5	0.0	17.7	61.5	38.5	0.0	82.3	100.0
CH01 Malabon - Obando									
CH02 Panghulo Road	65.1	0.0	34.9	69.4	55.6	22.2	22.2	30.6	100.0
CH03 Gen. Villilla	58.9	0.0	41.0	81.3	56.4	34.3	9.4	18.7	100.0
CH04 McArthur Highway	91.5	1.4	7.1	56.2	49.4	41.7	9.0	43.8	100.0
CH05 Quirino Highway	46.6	47.7	5.7	42.3	42.7	46.0	11.3	57.7	100.0
Cordon (North)									
Sub-total	66.8	17.0	16.1	39.5	57.9	38.4	3.7	60.5	100.0
CH06 Marikina/San Mateo	88.4	4.1	7.4	49.6	32.2	60.0	7.8	50.4	100.0
CH07 Manila - Cogeo	79.5	6.1	14.4	45.2	46.6	42.2	11.2	54.8	100.0
CH08 Antipolo Road	39.1	2.5	58.3	30.7	63.7	36.7	3.6	69.3	100.0
CH09 Ortigas Avenue	81.3	10.6	8.1	48.0	56.0	39.4	4.6	52.0	100.0
Cordon (East)									
Sub-total	77.0	7.8	15.2	44.7	52.9	41.2	5.9	55.3	100.0
EX02 Alabang - Carmona	20.3	79.7	0.0	13.7	69.3	28.3	2.4	86.3	100.0
EX03 Susana Heights	18.6	81.4	0.0	14.5	67.8	29.4	2.7	85.5	100.0
CH10 San Pedro	80.3	11.0	8.7	49.2	27.3	19.4	4.1	50.8	100.0
CH11 Bacoar	85.2	13.9	0.9	51.3	67.0	28.2	5.8	48.7	100.0
Cordon (South)									
Sub-total	72.3	24.3	3.4	35.6	64.7	30.8	4.6	64.4	100.0
SCREENLINE TOTAL	78.5	15.6	5.9	24.8	75.8	19.7	4.5	75.2	100.0
CORDONLINE TOTAL	71.5	17.2	11.3	39.2	59.7	35.8	4.5	60.8	100.0
GRAND TOTAL	77.1	15.9	7.0	26.8	73.9	21.6	4.5	73.2	100.0

Source: 1984 Screenline/Cordonline Surveys

- 1/ Ratio to public sub-total
- 2/ Ratio to total
- 3/ Ratio to private sub-total



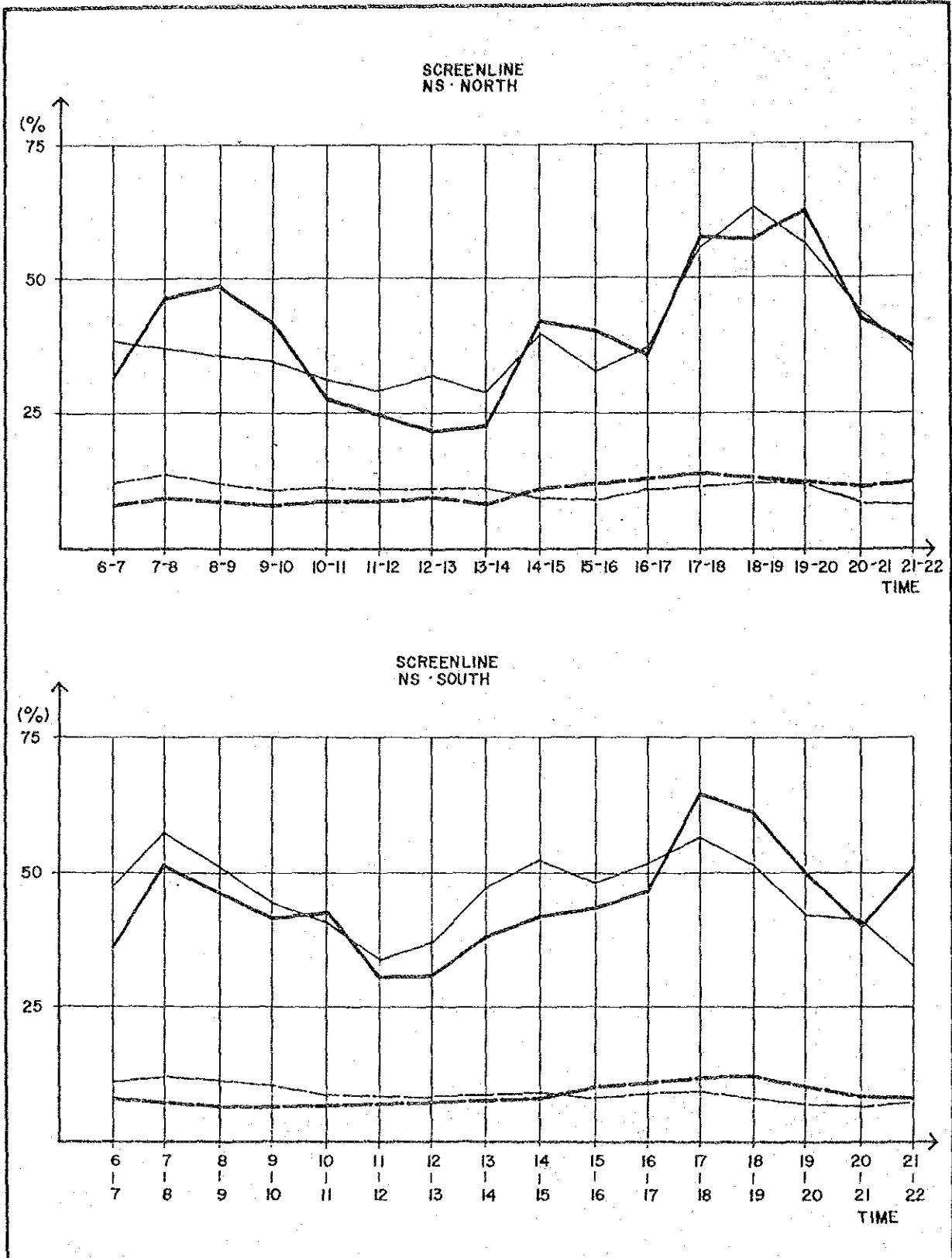
LEGEND :

- JEEPNEY (S-N)
- BUS (S-N)
- JEEPNEY (N-S)
- BUS (N-S)

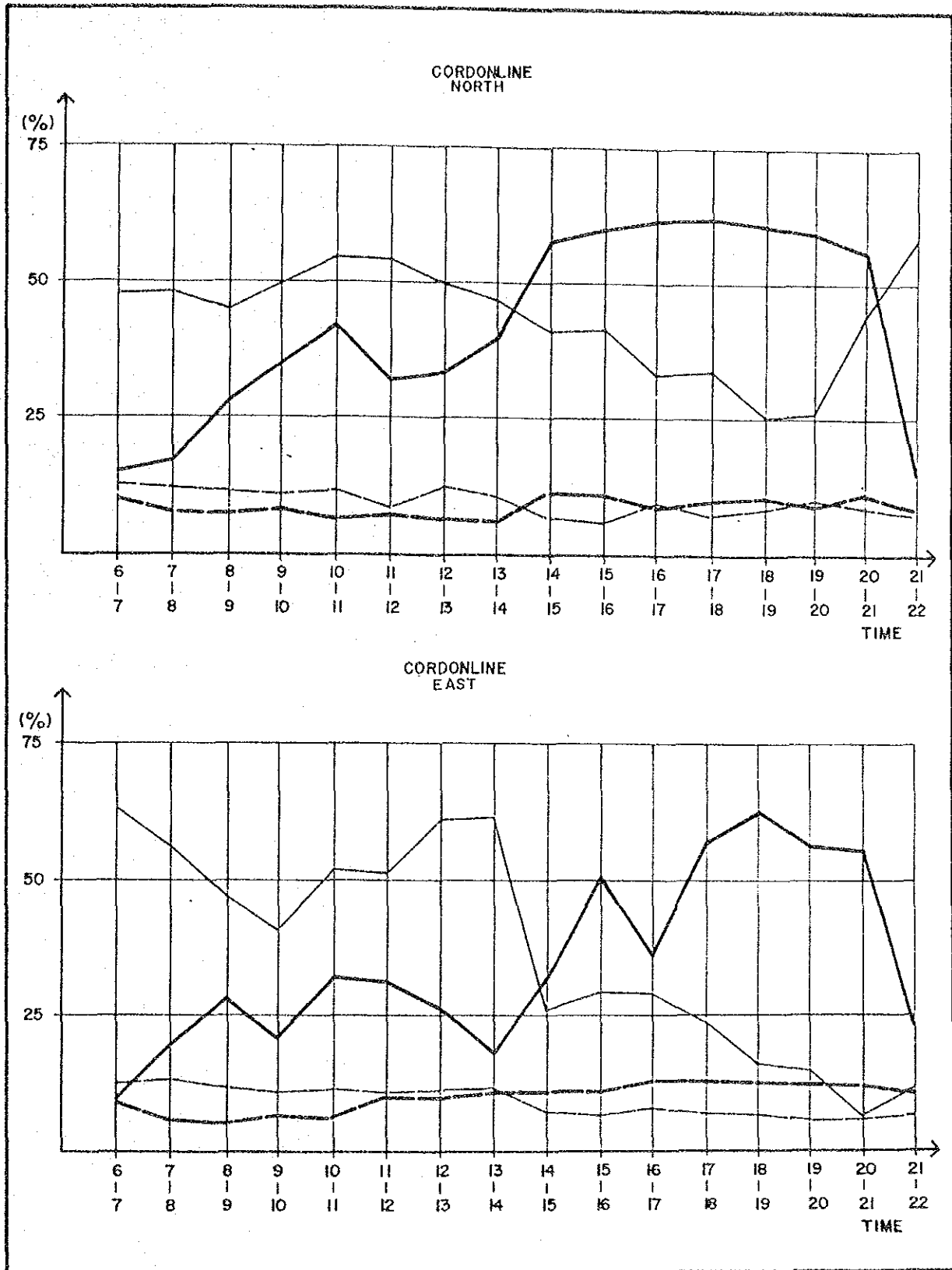
SOURCE:
1984 SCREENLINE/CORDONLINE
SURVEYS

Appendix 2.11
Hourly Fluctuation of
Average Vehicle Occupancy
on Screenline/Cordonline
Stations

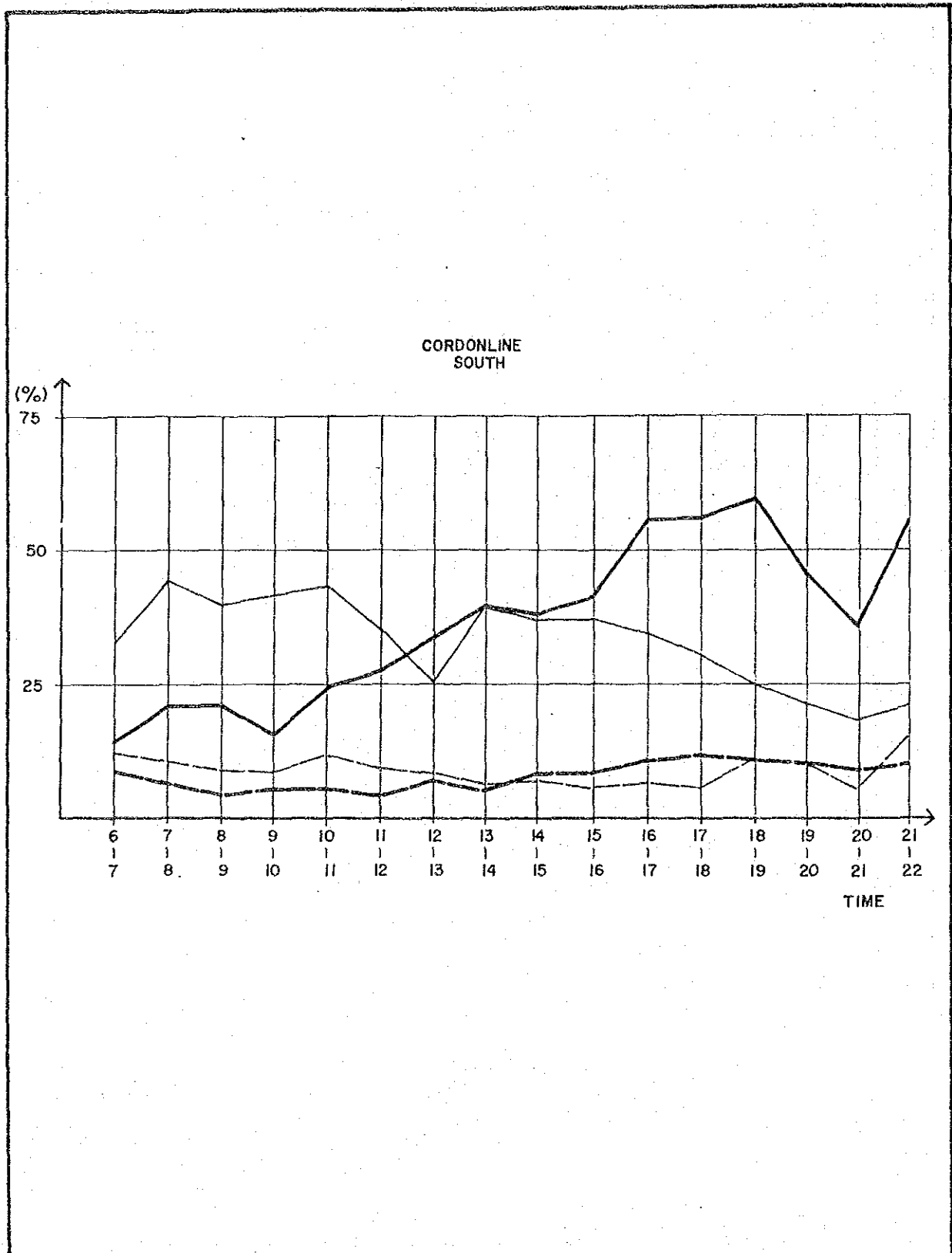
(Cont. Appendix 2.11)



(Cont. Appendix 2.11.)



(Cont. Appendix 2.11)



Appendix 2.12
Average Occupancy by Vehicle Type
and by Station

STATION NAME	PUBLIC MODE						PRIVATE MODE						TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CAR/JEEP	TAXI	PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL	
<u>EW SCREEN (WEST)</u>													
SL01 Del Pan Bridge	9	15	14	-	10	2	1	3	3	1	1	2	3
SL02 Jones Bridge	10	23	12	-	11	2	1	3	3	1	1	2	4
SL03 McArthur Bridge	12	18	21	-	13	2	2	3	3	1	2	2	8
SL04 Quezon Bridge	11	18	38	-	13	2	1	2	2	1	1	2	9
SL05 Ayala Bridge	4	36	48	2	41	2	1	3	3	1	1	2	5
SL06 Nagtahan Bridge	11	31	24	2	11	2	1	4	2	1	1	2	5
<u>EW SCREEN (EAST)</u>													
SL07 Panaderos	9	21	21	1	9	2	1	3	3	1	1	2	4
SL08 Guadalupe	3	40	59	-	55	2	1	3	3	1	9	2	6
SL09 Bambang Bridge	9	12	25	1	5	2	1	3	3	1	1	2	4
<u>NS SCREEN (NORTH)</u>													
SL10 EDSA near Roosevelt	0	41	36	-	35	2	1	3	3	1	2	2	9
SL11 Del Monte	8	18	47	1	7	2	1	4	2	1	1	2	4
SL12 Quezon Avenue	12	14	43	1	13	2	1	3	3	1	3	2	5
SL13 E. Rodriguez	12	19	33	1	12	2	1	3	4	1	1	2	6
SL14 Aurora Blvd.	11	21	49	1	12	2	1	3	3	1	1	2	6
SL15 N. Domingo	9	8	59	1	14	2	1	3	3	1	2	2	6
SL16 Shaw Blvd.	11	37	53	1	14	2	1	3	3	1	1	2	7
SL17 Bagbaguin Road	7	33	31	1	16	3	1	4	3	1	2	3	9
SL18 Quirino Highway	10	4	39	1	13	3	1	3	3	1	4	3	7
SL19 Tandang Sora	7	17	-	1	7	2	2	3	3	1	2	2	4
<u>NS SCREEN (SOUTH)</u>													
SL16 P. Gil - P. Quirino	11	17	59	1	15	2	1	3	3	1	2	2	9
SL17 San Andres	8	17	11	1	8	2	1	3	3	1	2	2	5
SL18 Vito Cruz	6	11	49	1	8	2	1	3	3	1	1	2	2
SL19 Buendia	8	2	44	1	22	2	1	3	3	1	1	2	6
SL20 Pasay Road	9	19	9	1	9	2	1	2	3	1	2	2	3
SL21 EDSA/SSH	-	-	45	-	45	2	1	2	2	1	1	2	4
SL22 Nichols	11	20	43	2	14	2	1	4	3	1	6	3	6
SL23 Bicutan	9	15	25	1	10	2	1	3	3	1	5	3	5
SL24 Dr. M.L. Carreon	3	11	-	2	2	2	1	3	2	1	2	2	2
SL25 Bagumbayan	5	19	15	2	4	2	2	3	3	2	1	2	4

(Cont. Appendix 2.12)

STATION NAME	PUBLIC MODE					PRIVATE MODE							SUB-TOTAL
	JPY	M-BUS	B-BUS	TRICYCLE	SUB-TOTAL	CARY JEEP	TAXI	VAN/PICKUP	TRUCK	MOTOR-CYCLE	OTHERS	SUB-TOTAL	
<u>CORDON (NORTH)</u>													
EX01 Malinta-Meycauayan	12	35	45	-	32	2	2	4	2	-	-	3	8
CI01 Malabon-Obando	-	-	-	-	-	-	-	-	-	-	-	-	-
CI02 Panghulo Road	9	-	-	1	6	2	1	3	3	1	1	2	5
CI03 Gen. Villita	9	-	20	1	6	2	1	3	3	2	1	2	5
CI04 McArthur Highway	9	2	16	1	8	2	1	3	3	1	2	2	6
CI05 Quirino Highway	9	32	29	1	19	3	2	3	3	1	1	3	10
<u>CORDON (EAST)</u>													
CI06 Marikina/San Mateo	13	18	36	1	13	2	1	4	3	1	6	3	8
CI07 Manila-Cogeo	9	22	33	1	8	3	1	4	2	1	1	3	6
CI08 Antipolo Road	11	16	33	1	6	3	1	3	3	1	1	3	4
CI09 Ortigas Avenue	10	31	40	1	12	2	1	3	3	1	3	3	7
<u>CORDON (SOUTH)</u>													
EX02 Alabang-Carmona	11	34	33	-	29	2	2	4	3	-	9	3	6
EX03 Susana Heights	11	34	33	-	29	2	2	4	3	-	6	3	6
CI10 San Pedro	10	17	36	1	12	2	1	3	3	1	2	2	7
CI11 Bacoor	8	28	54	1	12	3	1	3	3	1	-	3	8

Source: 1984 Screenline/Cordonline Surveys

Appendix 3.1
1984 Supplemental Home Interview Survey Manual

1984 Supplemental Home Interview Survey

Table of Contents

		Page No.
1.	Background	
2.	The 1984 Supplemental Home Interview Survey	
	2.1 Objective	
	2.2 Scope of Survey	
	2.3 Sampling Methodology	
	2.4 Sample Barangays and Households	
	2.5 Survey Procedure	
	2.6 Tabulation Plan	
	2.7 Questionnaire Forms	

List of Tables

Table	1	HIS Zone Conversion	
	2	Coverage of 1984 Supplemental HIS	

EXHIBIT

1. Background

The Home Interview Survey (HIS) is one of the surveys from which various data for transportation planning can be derived. A survey was conducted in 1980 under the Metro Manila Urban Transport Improvement Project (MMUTIP) with a total of 25,000 households sampled representing 2.5 percent of Metro Manila's household population. A preliminary analysis was done based on the expanded samples by the provisional 1980 population census. The lack of non-home-based trips, especially "at work" trips, was revealed at this stage. This was thoroughly checked and a supplementary survey was deemed necessary. Hence, the 1983 Supplemental Home Interview Survey was undertaken with 3,000 household samples. The purpose was to further review and analyze 1980 HIS results in order to identify the areas which need to be adjusted and refined, as well as to provide updated information on the travel characteristics of Metro Manila residents.

2. The 1984 Supplemental Home Interview Survey

The 1984 Home Interview Survey is a limited survey conducted in the immediate adjoining municipalities of Metro Manila.

2.1 Objective

The general objective is to supplement the data on travel characteristics by adding those of the residents in the peripheral areas of Metro Manila which may be considered as part of the actual metropolitan area.

2.2 Scope of the Survey

The survey areas include those more or less within the 30-kilometer radius of Metro Manila. The total population of these areas is approximately 1.0 to 1.4 million.

2.3 Sampling Methodology

The two-stage sampling method was used for the previous Home Interview Surveys and the same method is used for the 1984 Supplemental HIS. Firstly, barangays surveyed were sampled from each zone and secondly, households were sampled at equal intervals in selected barangays.

Sample barangays were selected from each zone based on both accessibility to transportation and their distribution on the total land area of the zone. On the other hand, the procedure taken in selecting the household samples is as follows:

- a) The sample size for each of the selected barangay was 14, determined based on its proportion to the total number of households per zone.

- b) The following formula was used in determining the interval in the listing of samples:

$$\text{Interval} = \frac{\text{Total No. of Households per Barangay}}{\text{No. of Sample Households per Barangay}}$$

- c) Hence, the listing of samples was systematic with a random start. The calculated interval was used to pick the succeeding sample households from the list until the required number of sample households was reached.

The areas outside Metro Manila were subdivided into 59 external zones based on the following criteria:

- a) The areas adjoining Metro Manila were zoned at municipality level;
- b) The rest of Luzon Island was zoned at provincial level.

The HIS zone code list showing the zone conversion from 1980 HIS to 1983 Supplemental HIS is presented in Table 1.

The sampling rate concluded to be adequate for this survey is 0.75%. This rate is equivalent to roughly 2,000 households assuming (1) a total population of approximately 1.4 million for the survey area and (2) an average of six members per household.

2.4 Sample Barangays and Households

The barangays sampled for the 1984 Supplemental HIS and the number of sample households for each barangay are shown in Table 2.

All household members above the age of 7 years of the sample household were interviewed.

2.5 Survey Procedure

Approximately 60 interviewers and 10 editors/coders were employed for the 1984 Supplemental Home Interview Survey. The number of interviewers required per province is as follows:

<u>Province</u>	<u>No. of Sample Household</u>	<u>No. of Interviewers</u>
Bulacan	520	16
Rizal	539	16
Laguna		
Cavite	941	28
TOTAL	2,000	60

The quota of 2-3 households per day per interviewer was set. The interviewers were assigned a list of households to visit and conduct personal interviews. All household members above 7 years

old were interviewed. Two call-backs were allowed for an interviewer to cover his assigned samples. Otherwise, the interviewer had to interview the household nearby the assigned sample.

Four "Coordination Centers" were set up, one for every survey province. The supervisors were responsible for coordinating with their interviewers as well as with the overall survey coordination at the MOTC office.

The activities, duties and responsibilities of the supervisors, interviewers and editors/coders are given in the survey manuals which are similar to the ones used in the 1983 Supplemental HIS.

2.6 Tabulation Plan

The expected output tables are as follows:

- a) Population Characteristics
 - by sex and age group
 - by occupation
- b) Trip Rates
 - Trip rate by sex and age group
 - Trip rate by occupation
 - Trip rate by municipality
- c) Traffic Generation/Attraction
 - Composition of trips by purpose
 - Traffic generation/attraction by municipality
- d) Travel Characteristics
 - Travel mode composition
 - Percentage of intra-municipality trips
 - Travel mode by purpose
 - Travel mode by municipality

2.7 Questionnaire Forms

As a recent government regulation, a survey with sample size of more than 500 should be coordinated with the National Economic and Development Authority (NEDA). This is pursuant to the implementation of Presidential Letter of Instructions No. 1082 directing the proper allocations of statistical functions and responsibilities of government agencies through a review and clearance of statistical survey forms and questionnaires. Hence, the questionnaire forms for 1984 Supplemental HIS, which are actually the same forms used during the 1983 Supplemental HIS, were coursed through NEDA's Statistical Coordination Office for clearance.

The only change in the HIS questionnaire forms is the inclusion of NEDA's clearance notation which is printed on the the first page of the form. This is shown in Exhibit 1.

Table 1
HIS Zone Conversion

Area	1980 HIS Zones	1983 Supplemental HIS Zones	1984 Supplemental HIS Zones
Metro Manila	111-842	1 - 202	1 - 202
	843	203	843
	844	204	844
	845	205	845
	846	206	846
	847	207	847
Reclamation Area	848	208	848
	849	209	849
	850	210	850
	851	211	851
	852	212	852
	853	213	853
	854	214	854
Bulacan Province: Obando	901	215	203
Bulacan	902	216	204
Marilao, Meycauayan	903	217	205
San Jose del Monte	904	218	207
Norzagaray	905	219	222
Bocaue, Sta. Maria	906	220	206
Rest of Bulacan Province			221
Rizal Province: Montalban	911	221	208
San Mateo			209
Antipolo	912	222	210
Cainta	913	223	211
Taytay	914	224	212
Angono, Binagonan	915	225	213
Rest of Rizal Prov.			223
Laguna Province: San Pedro	921	226	214
Biñan, Sta. Rosa, Cabuyao	922	227	215
Rest of Laguna Prov.	923	228	224
Cavite Province: Bacoor	924	229	216
Kawit, Cavite, Noveleta, Rosario	925	230	217
Imus	926	231	218
Dasmariñas			219
Silang			225
Carmona	927	232	220
Rest of Cavite Prov.	928	233	226
Pampanga Province	931	234	931
Bataan Province	932	235	932
Zambales Province	933	236	933
Tarlac Province	934	237	934
Nueva Ecija Province	935	238	935
Pangasinan Province	941	239	941
La Union Province	942	240	942
Benguet Province	943	241	943
Ilocos Sur Province	944	242	944
Mountain Province	945	243	945

Table 1 (cont'd).

Area	1980 HIS Zones	1983 Supplemental HIS Zones	1984 Supplemental HIS Zones
Abra Province	946	244	946
Ilocos Norte Province	947	245	947
Nueva Vizcaya Province	951	246	951
Quirino Province	952	247	952
Ifugao Province	953	248	953
Isabela Province	954	249	954
Cagayan Province	955	250	955
Kalinga-Apayao Province	956	251	956
Aurora (Mt. Province)	961	252	961
Quezon Province (Northern)	962	253	962
Quezon Province (Southern)	963	254	963
Batangas Province	964	255	964
Romblon Province	965	256	965
Camarines Norte Province	971	257	971
Camarines Sur Province	972	258	972
Albay Province	973	259	973
Sorsogon Province	974	260	974
Masbate, Catanduanes Province	975	261	975
Region VI	981	262	981
Region VII	982	263	982
Region VIII	983	264	983
Region X	984	265	984
Region XI	985	266	985
Region XII	986	267	986
Region IX	987	268	987

Table 2
Coverage of 1984 Supplemental HIS

Province	Zone No.	Municipality	Barangays		No. of Households	Sample ^{1/} Households
			No.	Name		
Bulacan	203	Obando	1.	Panghulo	1,288	17
			2.	Catangalan	524	7
			3.	Paliwas	783	11
			4.	Hulo	423	5
			5.	Paco	1,103	14
	204	Bulacan	1.	Perez	296	6
			2.	Bagumbayan	290	9
			3.	San Jose	329	9
			4.	Matungao	879	19
			5.	San Nicolas	435	9
	205	Meycauayan	1.	Banga	495	11
			2.	Poblacion	124	3
			3.	Zamora	497	12
			4.	Liputan	203	5
			5.	Ubihan	283	6
			6.	Lawa	480	11
			7.	Malhacan	2,325	56
			8.	Iba	475	10
			9.	Perez	95	3
			10.	Camalig	192	4
		Marilao	11.	Poblacion I	229	9
			12.	Poblacion II	556	11
			13.	Lias	989	20
			14.	Prenza	205	5
	206	Bocaue	1.	Poblacion	146	2
			2.	Taal	953	14
			3.	Batia	241	4
4.			Bundukan	397	6	
5.			Turo	556	8	
6.			Sulucan	264	4	
7.			Lolomboy	1,923	28	
8.			Mahabang Parang	198	3	
9.			San Gabriel	406	6	
10.			Poblacion	1,499	23	
11.			Manggahan	132	2	
12.			Pulong Buhangin	1,602	25	
13.			Bulac	380	5	
14.			Parada	490	7	
15.			Sta. Clara	435	7	
207	San Jose del Monte	1.	Muzon	595	10	
		2.	Poblacion	512	8	
		3.	Dulong Bayan	313	5	
		4.	Sapang Palay	301	5	
		5.	Bagong Buhay	1,047	18	
		6.	Minuyan	1,535	15	

Table 2 (cont'd)

Province	Zone No.	Municipality	Barangays		No. of Households	Sample Households
			No.	Name		
			7.	Kaydian	586	9
			8.	Gaya-Gaya	1,255	21
			9.	Sto. Cristo	462	7
			10.	Tungkong Mangga	768	13
Rizal	208	Montalban	1.	Burgos	1,688	17
			2.	Rosario	374	4
			3.	San Jose	1,514	25
			4.	Geronimo	448	5
			5.	San Isidro	312	3
			6.	San Rafael	1,294	12
	209	San Mateo	1.	Ampid	3,102	30
			2.	Sta. Ana	1,078	10
			3.	Dulong Bayan II	755	7
			4.	Dulong Bayan I	561	5
			5.	Malanday	987	8
			6.	Guinayang	584	5
			7.	Guinayang Bayan I	770	7
	210	Antipolo	1.	Cupang	1,178	9
			2.	De la Paz	2,462	17
			3.	Mayamot	747	6
			4.	San Isidro	1,830	13
			5.	San Jose	3,770	25
			6.	San Roque	2,344	17
			7.	Mambugan	628	5
	211	Cainta	1.	San Andres	1,979	14
			2.	San Juan	2,984	21
			3.	San Roque	411	3
			4.	Santa Rosa	346	3
			5.	Santo Nino	639	4
			6.	Sto. Domingo	2,779	19
	212	Taytay	1.	Dolores	4,292	32
			2.	Muzon	1,230	10
			3.	San Isidro	2,408	32
			4.	San Juan	3,531	26
5.			Santa Ana	1,721	14	
213	Angono	1.	Bagumbayan	349	4	
		2.	Poblacion Ibaba	255	4	
		3.	San Isidro	1,399	16	
		4.	San Roque	929	12	
		5.	Batingan	149	4	
		6.	Tagpos	244	5	
		7.	Calumpang	93	4	
		8.	Gulod	263	0	
		9.	Libis	837	15	
		10.	Lunsad	524	10	

Table 2 (cont'd)

Province	Zone No.	Municipality	Barangays		No. of Households	Sample ^{1/} Households	
			No.	Name			
			11.	Pila-pila	677	12	
			12.	Kalawaan	207	4	
			13.	Tayuman	2,091	38	
			14.	Libid	816	16	
Laguna	214	San Pedro	1.	Cuyab	1,129	11	
			2.	GSIS-Holiday Village	1,171	11	
			3.	Landayan	1,517	14	
			4.	Magsaysay	526	5	
			5.	Poblacion	795	7	
			6.	San Antonio	1,458	14	
			7.	San Vicente	2,515	21	
			8.	United Bayanihan	173	4	
			9.	Nueva	540	5	
			10.	Sto. Niño	636	6	
	215	Biñan	1.	Calabuso	220	4	
			2.	Canlalay	1,373	12	
			3.	De la Paz	2,461	23	
			4.	Halang (San Francisco)	268	3	
			5.	Malaban	2,529	24	
			6.	Poblacion	674	6	
			7.	San Antonio	2,350	22	
			8.	San Vicente	1,275	12	
			9.	Sto. Domingo	476	4	
			10.	Tubigan	382	3	
			Sta. Rosa	11.	Aplaya	1,189	16
				12.	Caingin	786	10
				13.	Dila	862	10
				14.	Ibaba	271	4
				15.	Makabling	552	7
		16.	Malusak	533	6		
		17.	Kanluran	799	10		
		18.	Pulong Sta. Cruz	526	7		
		19.	Tagapo	1,150	15		
		20.	Niugan	598	12		
		21.	Bigaa	659	14		
		22.	Mamatid	799	16		
		23.	Pulo	482	10		
		24.	Butong	272	5		
		25.	Baclaran	220	5		
Cavite	216	Bacoor	1.	Aniban	917	15	
			2.	Bayanan	276	4	
			3.	Daang Bukid	322	5	
			4.	Habay	666	10	
			5.	Kaingen	379	6	
			6.	Mabolo	379	9	

Table 2 (cont'd)

Province	Zone No.	Municipality	Barangays		No. of Households	Sample ^{1/} Households
			No.	Name		
			7.	Molino	1,830	29
			8.	Pedro Espiritu	1,323	21
			9.	Salinas	557	9
			10.	San Nicolas	705	12
	217	Cavite City	1.	Malvarez (Bgy. 1)	209	5
			2.	Loro (Bgy. 14)	173	5
			3.	Virgo (Bgy. 20)	94	4
			4.	Cancer (Bgy. 26)	196	6
			5.	Maya-Maya (Bgy. 31)	201	5
			6.	Cadena de Amor (Bgy. 37)	491	13
			7.	Pinagbuklod	932	28
			8.	Narra (Bgy. 48)	360	10
			9.	Yakal (Bgy. 53)	641	22
			10.	Kangkong (Bgy. 62)	664	19
		Kawit	11.	Binakayan	3,198	33
			12.	Marulas	475	5
			13.	Poblacion	198	4
			14.	Santa Isabel	357	4
			15.	Wakas	550	6
		Noveleta	16.	Poblacion	178	4
			17.	Salcedo	382	7
			18.	San Rafael II	445	8
		Rosario	19.	Silangan (Ave Maria)	804	12
			20.	Ligtong I	771	13
			21.	Poblacion	324	5
			22.	Sapa	966	14
	218	Imus	1.	Anabu 1st	812	14
			2.	Barangay 1	450	7
			3.	Barangay 4	451	8
			4.	Bucandala	512	9
			5.	Malagasang 1st	894	15
			6.	Mendicion 1st	614	10
			7.	Palico	412	8
			8.	Toclong 2nd	220	7
	219	Dasmariñas	1.	Burol	4,595	41
			2.	Paliparan	474	5
			3.	Salawag	221	4
			4.	Sampalok	667	6
			5.	San Jose	331	4
			6.	Barangay 1	340	4
			7.	Barangay 4	288	4

Table 2 (cont'd)

Province	Zone No.	Municipality	Barangays		No. of Households	Sample ^{1/} Households
			No.	Name		
	220	Carmona	1.	Cabilang Baybay	7,201	54
			2.	Mabuhay	372	4
			3.	Milagrosa	342	4
			4.	Barangay 1	203	4
			5.	Barangay 3	100	4
			6.	Barangay 4	98	4
			7.	Barangay 7	114	4
			8.	Barangay 8	221	4
			9.	Barangay 6	101	4

TOTAL 157,674 2,031

Source: NCSO

1/ Derived by JUMSUT Phase II

Exhibit 1
HIS Questionnaire Form

INSTRUCTIONS FOR ANSWERING QUESTIONNAIRE FORMS

Please answer all the questions one by one according to its numbering.

Print the information in the space provided, or put a check mark in the appropriate box.

If you have doubts in answering any point in the questionnaire, please consult the interviewer.

Form 1. Household Information

1. Only the "head" of the household should complete Form 1. The head of the household is the Father, Mother or the household member who is responsible for the economic well being of the household.

Form 2. Household Members Information

1. Form 2 should be completed for every member of the household who is aged 7 years or older, one sheet per person.
2. In Question 6, "service workers" include firefighters, policemen, guards, housekeepers, maids, waiters, bartenders, building caretaker and cleaners, barbers, hairdressers, beauticians, launderers, sportsmen, photographers, and undertakers.
3. In Question 7, "commerce" include wholesale trade, retail trade, banks and financial institutions, insurance and real estate.

Form 3. Trip Information

1. Form 3 should be completed for every member of the household who is aged 7 years or older.
2. Provide the required information about ALL THE TRIPS, both home-based and non-homebased, during the survey date indicated in Form 3. The survey date covers 24-hours (one day) beginning at 3:00 a.m. and ending at 3:00 a.m. of the following day. For example, if the survey date is Jan. 28 (Friday), the information requested relates to the period from 3:00 a.m. Friday to 3:00 3:00 a.m. Saturday.
3. Start with the first trip (TRIP NO. 1) and proceed sequentially to the next trip. Give all informations on each trip.
4. If more than 6 trips were made on the survey date, record the information of TRIP 7, TRIP 8, TRIP 9, etc., on another sheet and number the trips accordingly.

THIS PORTION IS
FOR OFFICE USE
ONLY

HIS Zone No.

--	--	--

Traffic Zone No.

--	--	--

Household No.

--	--	--	--

No. H.H. Members' Sheets

--	--

Supervisors' Check

	Date	Name
For Interviewers		
For Editors		
For Coders		

Exhibit 1 (cont'd.)

FORM 1 HOUSEHOLD INFORMATION

INSTRUCTION: To be completed by HEAD of HOUSEHOLD

(1) NAME _____
 Family Name First Name M.I.

(2) ADDRESS OF HOUSEHOLD _____
 No. Street Barangay (a)

 City/Municipality (b)

(3) HOW MANY PEOPLE RESIDE IN YOUR HOUSEHOLD

	UNDER 7 YRS. OLD	7 YRS. AND ABOVE	HOUSEHOLD HELPERS
1 MALE			
2 FEMALE			
3 TOTAL			

THIS PORTION IS FOR OFFICE USE ONLY

1 3
2

11 14
HH

19 24
1

25 30
2

31 36
3

14
37 38

(4) WHAT IS THE TOTAL MONTHLY HOUSEHOLD INCOME (Check One)

- 1 BELOW ₱ 500
- 2 501 to 1000
- 3 1001 to 1500
- 4 1501 to 2000
- 5 2001 to 2500
- 6 2501 to 3000
- 7 3001 to 3500
- 8 3501 to 4000
- 9 4001 to 5000
- 10 5001 to 7000
- 11 OVER ₱ 7000

(5) HOW MANY VEHICLES ARE OWNED BY HOUSEHOLD MEMBERS

TYPE	NO. OF UNITS
1 BICYCLE	
2 MOTORCYCLE	
3 JEEPNEY	
4 JEEP	
5 CAR	
6 VAN/PICK-UP	
7 TRUCK	
8 TRICYCLE	
9 OTHER SPECIFY	
10 NONE (check) <input type="checkbox"/>	

(6) HOW MANY VEHICLES WERE GARAGED AT OR NEAR YOUR HOUSE BY HOUSEHOLD MEMBERS

TYPE	NO. OF UNITS
1 BICYCLE	
2 MOTORCYCLE	
3 JEEPNEY	
4 JEEP	
5 CAR	
6 VAN/PICK-UP	
7 TRUCK	
8 TRICYCLE	
9 OTHER SPECIFY	
10 NONE (check) <input type="checkbox"/>	

15 16
39 40 87 88

41 42 89 90

43 44 91 92

45 46 93 94

47 48 95 96

49 50 97 98

51 52 99 100

53 54 101 102

55 56 103 104

79 80
114

FORM 2 HOUSEHOLD MEMBER INFORMATION

INSTRUCTION: To be completed for every HOUSEHOLD MEMBER aged 7 years and over

THIS PORTION IS FOR OFFICE USE ONLY

(1) NAME _____
 Family Name First Name M.I

(2) AGE _____ (3) SEX (Pls. Check) 1. MALE 2. FEMALE

(4) WORK ADDRESS _____
 No. Street Barangay (a)

 City / Municipality (b)

(5) SCHOOL ADDRESS _____
 No. Street Barangay (a)

 City / Municipality (b)

(6) OCCUPATION (Please Check) (7) EMPLOYMENT SECTOR (Please Check) (8) MONTHLY INCOME (Please Check)

- 01 SERVICE WORKER
- 02 ADMINISTRATIVE & EXEC. WORKER
- 03 SALES WORKER
- 04 CLERICAL WORKER
- 05 FACTORY WORKER / CRAFTSMAN
- 06 TRANSPORT WORKER
- 07 PROFESSIONAL WORKER
- 08 STUDENT / ELEM SCHOOL
- 09 STUDENT / HIGH SCH. & UNIV.
- 10 HOUSEWIFE
- 11 JOBLESS
- 12 OTHER, SPECIFY

- 01 SERVICE INDUSTRY
- 02 SCHOOL
- 03 UNIVERSITY
- 04 GOVERNMENT
- 05 AGRICULTURAL MINING
- 06 MANUFACTURING
- 07 PUBLIC UTILITY COMPANY
- 08 CONSTRUCTION
- 09 TRANSPORTATION COMMUNICATIONS
- 10 HOME BASED
- 11 COMMERCE
- 12 OTHER, SPECIFY

- 01 Below P 300
- 02 301 to 500
- 03 501 to 700
- 04 701 to 900
- 05 901 to 1000
- 06 1001 to 1500
- 07 1501 to 2000
- 08 2001 to 2500
- 09 2501 to 3000
- 10 3001 to 4000
- 11 4001 to 5000
- 12 ABOVE 5000

(9) STATE TYPE OF DRIVERS LICENSE HELD.
 1. STUDENT 2. NON - PROF. 3. PROFESSIONAL 4. NONE

(10) Please list all the places you visited on survey day.

- 1) _____ 6) _____
- 2) _____ 7) _____
- 3) _____ 8) _____
- 4) _____ 9) _____
- 5) _____ 10) _____

1 3
2

11 14
15 16
17 18
19 20
21

30 (4) 32
33

38 40

46 51

52 53

54 55

56

57 58

79 80
2 4



TRIP INFORMATION	5th TRIP	6th TRIP
<p>(1) <u>ORIGIN</u> Where did this trip begin? (Give Address / Land Mark, Famous Bldg. nearby)</p>	<p>NO NEED TO FILL UP INFORMATION IS SAME AS IN DESTINATION OF 4th TRIP</p>	<p>NO NEED TO FILL UP. INFORMATION IS SAME AS IN DESTINATION OF 5th TRIP</p>
(2) INSTITUTION OF ORIGIN		
(3) TIME STARTED	<p>Hours Minutes AM <input type="checkbox"/> PM <input type="checkbox"/></p>	<p>Hours Minutes AM <input type="checkbox"/> PM <input type="checkbox"/></p>
FOR OFFICE USE ONLY	<p>19 (f) 21 22 (e) 23 24 c 27</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>	<p>19 (f) 21 22 (e) 23 24 c 27</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
(4) TIME of ARRIVAL	<p>Hours Minutes AM <input type="checkbox"/> PM <input type="checkbox"/></p>	<p>Hours Minutes AM <input type="checkbox"/> PM <input type="checkbox"/></p>
(5) INSTITUTION of DESTINATION		
<p>(6) <u>DESTINATION</u> Where did this trip end? (Give the Address Land Mark, Famous Bldg. nearby)</p>	<p>No. Street</p> <p>Barangay Municipality</p> <p><input type="text"/></p>	<p>No. Street</p> <p>Barangay Municipality</p> <p><input type="text"/></p>
FOR OFFICE USE ONLY	<p>28 d 31 32 (e) 33 34 f 36</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>	<p>28 d 31 32 (e) 33 34 f 36</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
(7) TRIP PURPOSE	<p>To</p>	<p>To</p>
<p>(8) <u>MODE of TRAVEL</u></p> <p>(9) <u>TRANSFER</u> If you transferred to another vehicle / mode during the Trip, state the Mode you changed to and the Place of Alightment. (Give street Intersection / Famous Bldg. or Land Mark).</p> <p>If Driver write D If Passenger write P after mode of travel</p>	<p>Original Mode</p> <p>TRANSFER POINT</p> <p>1st Transfer</p> <p>Next Mode</p> <p>2nd Transfer</p> <p>Next Mode</p> <p>3rd Transfer</p> <p>Next Mode</p> <p>4th Transfer</p> <p>Next Mode</p> <p>PLS. continue to answer next trip</p>	<p>Original Mode</p> <p>TRANSFER POINT</p> <p>1st Transfer</p> <p>Next Mode</p> <p>2nd Transfer</p> <p>Next Mode</p> <p>3rd Transfer</p> <p>Next Mode</p> <p>4th Transfer</p> <p>Next Mode</p> <p>Thank you .</p>
THIS PORTION IS FOR OFFICE USE ONLY	<p>37 g 38 39 h 40 41 i 43</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>44 j 46 47 k 49 50 l 52</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>53 m 55 56 n 58 59 o 61</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>62 p 64 65 q 67 79 80</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>	<p>37 g 38 39 h 40 41 i 43</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>44 j 46 47 k 49 50 l 52</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>53 m 55 56 n 58 59 o 61</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>62 p 64 65 q 67 79 80</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>

Appendix 4.1
Comparison Between 1980 and 1984
Vehicular Traffic Volume
(24 Hours, Both Directions)

Station Name	1984 (JMSUI I)			1980 (MNLIP)			1984/1980 (RAJIN)		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
SI01 Del Pan Bridge	2821	34221	37042	3871	34181	38052	0.73	1.00	0.97
SI02 Jones Bridge	12857	35521	48378	12854	37414	50268	1.00	0.95	0.96
SI03 McArthur Bridge	19086	15111	34197	32331	20322	52653	0.59	0.74	0.65
SI04 Quezon Bridge	37741	22970	60711	31489	23813	55302	1.20	0.96	1.10
SI05 Ayala Bridge	3308	37144	40532	2896	35641	38537	1.17	1.04	1.05
SI06 Maglahan Bridge	3304	60564	63868	4692	59365	64057	0.70	1.02	0.98
LW SCREEN (West)									
Sub-total	79197	205531	284728	88133	210736	298869	0.90	0.98	0.95
SI07 Panaderos	6845	18708	25553	7135	19196	26331	0.96	0.97	0.97
SI08 Guadalupe	9925	122467	132392	18960	14729	125689	0.91	1.07	1.05
SI09 Bambang Bridge	15495	5942	21437	14967	7903	22870	1.04	0.75	0.94
LW SCREEN (East)									
Sub-total	32265	147117	179382	33062	141828	174890	0.98	1.04	1.03
SI10 EDSA near Roosevelt	9769	36939	46708	10149	40676	50825	0.96	0.91	0.92
SI11 Del Monte	7322	15340	22662	7504	20190	27694	0.98	0.76	0.82
SI12 Quezon Avenue	20628	56054	76682	20708	54209	74917	1.00	1.03	1.02
SI13 E. Rodriguez	12610	24157	36767	14594	24813	39407	0.86	0.97	0.93
SI14 Aurora Boulevard	13001	39106	52107	11981	38578	50559	1.09	1.01	1.03
SI15 R. Domingo	5857	6371	12228	7160	8873	16033	0.82	0.72	0.76
SI22 Shaw Boulevard	14245	20521	34766	13553	22211	35764	1.05	0.92	0.97
HS SCREEN (North)									
Sub-total	83432	198488	281920	85649	209550	295199	0.97	0.95	0.96
SI16 P. Gil-P. Quirino	14005	17781	31786	13520	19410	32930	1.04	0.92	0.97
SI17 San Andres	9034	8544	17578	10618	11822	22440	0.85	0.72	0.78
SI18 Vito Cruz	4378	46620	50998	4681	32372	37053	0.94	1.44	1.38
SI19 Buendia	9250	34381	43631	8418	56976	65394	1.10	0.60	0.67
SI20 Pasay Road	3876	25510	29386	3391	30935	34326	1.14	0.82	0.86
SI21 EDSA/SSII	4490	80112	84602	9128	72770	81898	0.49	1.21	1.13
HS SCREEN (South)									
Sub-total	45033	220948	265981	49756	224285	274041	0.91	0.99	0.97
CORRIDOR (North)									
Sub-total	25879	39649	65528	30565	36855	67420	0.85	1.08	0.97
CORRIDOR (East)									
Sub-total	18668	23068	41736	18380	24833	43213	1.02	0.93	0.97
SI02	4221	24862	29083	4612	8837	13449	0.92	2.81	2.16
CHI0	8397	8678	17075	7873	8534	16407	1.07	1.02	1.04
CHI1	12508	11890	24398	12896	12372	25268	0.97	0.96	0.97
CORRIDOR (South)									
Sub-total	25126	45430	70556	25381	29743	55124	0.99	1.53	1.28
SCREENLINE TOTAL	239927	772084	1012011	256600	786399	1042999	0.94	0.98	0.97
CORRIDOR TOTAL	69673	108147	177820	74326	91431	165757	0.94	1.18	1.07
GRAND TOTAL	309600	880231	1189831	330926	877830	1208756	0.94	1.00	0.98

Appendix 4.2
Comparison of 1980, 1983, and 1984
Vehicular Traffic Volume by Station (24 Hours)

Name of Station	1980			1983			1984		
	JEEPNEY	BUS	TOTAL	JEEPNEY	BUS	TOTAL	JEEPNEY	BUS	TOTAL
SL01 Del Pan Bridge	3,724 (1.00)	142 (1.00)	3,866 (1.00)	376 (0.10)	0(0)	376 (0.10)	2,780 (0.75)	29 (0.20)	2,809 (0.73)
SL02 Jones Bridge	12,285 (1.00)	555 (1.00)	12,840 (1.00)	8,653 (0.70)	445(0.80)	9,098 (0.71)	12,211 (0.99)	616 (1.11)	12,827 (1.00)
SL03 McArthur Bridge	30,512 (1.00)	1,011 (1.00)	32,323 (1.00)	28,233 (0.93)	867(0.48)	29,100 (0.90)	18,448 (0.60)	638 (0.35)	19,086 (0.59)
SL04 Quezon Bridge	28,653 (1.00)	2,834 (1.00)	31,487 (1.00)	34,912 (1.22)	2,474(0.87)	37,386 (1.19)	35,383 (1.23)	2,350 (0.83)	37,733 (1.20)
SL05 Ayala Bridge	275 (1.00)	2,620 (1.00)	2,895 (1.00)	53 (0.19)	2,057(1.09)	2,910 (1.01)	521 (1.89)	2,056 (1.09)	3,377 (1.17)
SL06 Magtalan Bridge	4,470 (1.00)	290 (1.00)	4,570 (1.00)	1,301 (0.29)	69(0.35)	1,370 (0.29)	3,232 (0.72)	68 (0.34)	3,300 (0.71)
EW SCREEN (WEST) Sub-Total	79,919 (1.00)	9,162 (1.00)	88,081 (1.00)	73,528 (0.92)	6,712(0.82)	80,240 (0.91)	72,575 (0.91)	6,557 (0.80)	79,132 (0.90)
SL07 Panaderos	7,064 (1.00)	22 (1.00)	7,086 (1.00)	3,534 (0.52)	32(1.45)	3,715 (0.52)	6,763 (0.96)	22 (1.00)	6,785 (0.96)
SL08 Guadalupe	2,209 (1.00)	8,749 (1.00)	10,957 (1.00)	1,527 (0.69)	13,290(1.51)	14,727 (1.34)	817 (0.37)	9,101 (1.04)	9,918 (0.91)
SL09 Bambang Bridge	7,795 (1.00)	563 (1.00)	8,358 (1.00)	3,459 (0.44)	191(0.34)	3,650 (0.44)	5,727 (1.36)	330 (0.59)	6,057 (0.72)
EW SCREEN (EAST) Sub-Total	17,068 (1.00)	9,333 (1.00)	26,401 (1.00)	8,579 (0.51)	13,423(1.44)	22,093 (0.84)	13,397 (0.78)	9,453 (1.01)	22,760 (0.86)
SL10 EDSA near Roosevelt	1,670 (1.00)	8,455 (1.00)	10,125 (1.00)	182 (0.11)	10,994(1.29)	11,086 (1.09)	0 (0.00)	9,741 (1.15)	9,741 (0.96)
SL11 Del Monte	7,134 (1.00)	191 (1.00)	7,215 (1.00)	9,872 (1.24)	0(0.00)	9,872 (1.23)	6,419 (0.90)	93 (0.92)	6,512 (0.90)
SL12 Quezon Avenue	19,464 (1.00)	1,239 (1.00)	20,703 (1.00)	25,345 (1.30)	1,041(0.84)	26,386 (1.27)	19,769 (1.02)	931 (0.67)	20,600 (1.00)
SL13 E. Rodriguez	14,250 (1.00)	325 (1.00)	14,575 (1.00)	35,087 (1.11)	0(0.00)	35,087 (1.09)	12,473 (0.89)	77 (0.24)	12,550 (0.86)
SL14 Aurora Blvd.	11,269 (1.00)	583 (1.00)	11,957 (1.00)	13,560 (1.20)	373(0.54)	13,942 (1.17)	12,437 (1.10)	534 (0.78)	12,971 (1.00)
SL15 H. Domingo	6,927 (1.00)	193 (1.00)	7,120 (1.00)	7,976 (1.15)	561(2.91)	8,537 (1.20)	5,215 (0.75)	605 (3.13)	5,820 (0.82)
SL22 Shaw Boulevard	11,479 (1.00)	2,042 (1.00)	13,521 (1.00)	13,437 (1.17)	1,464(0.72)	14,901 (1.10)	13,092 (1.13)	1,138 (0.56)	14,140 (1.05)
NS SCREEN (NORTH) Sub-Total	72,193 (1.00)	13,043 (1.00)	85,236 (1.00)	95,258 (1.18)	14,343(1.10)	99,611 (1.17)	69,315 (0.96)	13,019 (1.00)	82,334 (0.97)
SL16 P.Gil-P. Quirino	12,942 (1.00)	1,442 (1.00)	13,434 (1.00)	11,267 (0.94)	1,538(1.07)	12,805 (0.95)	12,660 (1.05)	1,235 (0.86)	13,895 (1.03)
SL17 San Andres	10,238 (1.00)	345 (1.00)	10,583 (1.00)	6,566 (0.64)	83(0.24)	6,649 (0.63)	8,928 (0.87)	75 (0.22)	9,003 (0.85)
SL18 Vito Cruz	4,173 (1.00)	452 (1.00)	4,625 (1.00)	4,327 (1.16)	150(0.33)	4,977 (1.08)	4,121 (0.99)	194 (0.43)	4,315 (0.93)
SL19 Buendia	4,853 (1.00)	3,555 (1.00)	8,408 (1.00)	2,943 (0.61)	3,044(1.00)	6,787 (0.81)	5,662 (1.17)	3,561 (1.09)	4,221 (1.10)
SL20 Pasay Road	3,202 (1.00)	169 (1.00)	3,371 (1.00)	3,343 (1.04)	0(0.00)	3,343 (0.99)	3,586 (1.15)	118 (0.70)	3,804 (1.13)
SL21 EDSA/SSA	1,486 (1.00)	7,639 (1.00)	9,125 (1.00)	0 (0.00)	9,491(1.24)	9,491 (1.04)	0 (0.00)	4,489 (0.59)	4,489 (0.49)
NS SCREEN (SOUTH) Sub-Total	35,994 (1.00)	13,692 (1.00)	49,596 (1.00)	28,946 (0.80)	15,106(1.11)	44,052 (0.89)	35,057 (0.97)	9,672 (0.71)	44,729 (0.90)
EX01 Malinta-Maycauayan	2,896 (1.00)	3,950 (1.00)	6,846 (1.00)	-	-	-	2,240 (0.77)	3,577 (0.91)	5,817 (0.85)
EX01 Malabon-Obando	660 (1.00)	3 (1.00)	663 (1.00)	-	-	-	-	-	-
CH02 Panghulo Road	3,595 (1.00)	117 (1.00)	3,712 (1.00)	-	-	-	3,265 (0.91)	0 (0.00)	3,265 (0.88)
CH03 Gen. Villa	3,331 (1.00)	80 (1.00)	3,411 (1.00)	-	-	-	2,384 (0.72)	2 (0.03)	2,386 (0.70)
CH04 McArthur Highway	12,474 (1.00)	52 (1.00)	12,526 (1.00)	-	-	-	8,717 (0.70)	130 (2.50)	8,847 (0.71)
CH05 Quirino Highway	379 (1.00)	330 (1.00)	709 (1.00)	-	-	-	665 (1.81)	791 (2.12)	1,306 (1.95)
CORDON (NORTH) Sub-Total	23,335 (1.00)	4,532 (1.00)	27,867 (1.00)	-	-	-	17,292 (0.74)	4,410 (0.97)	21,702 (0.78)
CH06 Marikina/San Mateo	4,260 (1.00)	27 (1.00)	4,287 (1.00)	-	-	-	2,748 (0.65)	128 (4.74)	2,876 (0.67)
CH07 Manila-Cogeo	811 (1.00)	136 (1.00)	947 (1.00)	-	-	-	2,453 (3.04)	188 (1.38)	2,656 (2.80)
CH08 Antipolo Road	496 (1.00)	38 (1.00)	534 (1.00)	-	-	-	890 (1.79)	58 (1.53)	948 (1.78)
CH09 Ortigas Avenue	9,861 (1.00)	1,679 (1.00)	11,540 (1.00)	-	-	-	8,275 (0.84)	1,084 (0.65)	9,359 (0.81)
CORDON (EAST) Sub-Total	15,428 (1.00)	1,880 (1.00)	17,308 (1.00)	-	-	-	14,381 (0.93)	1,458 (0.78)	15,839 (0.92)
EX02 Alabang-Carmona	3,062 (1.00)	1,550 (1.00)	4,612 (1.00)	-	-	-	783 (0.39)	3,438 (2.22)	4,221 (0.92)
CH10 San Pedro	6,019 (1.00)	932 (1.00)	7,751 (1.00)	-	-	-	6,739 (0.99)	921 (0.99)	7,660 (0.99)
CH11 Bacoor	9,974 (1.00)	2,773 (1.00)	12,747 (1.00)	-	-	-	19,655 (1.97)	1,741 (0.63)	12,396 (0.97)
CORDON (SOUTH) Sub-Total	19,055 (1.00)	5,255 (1.00)	25,110 (1.00)	-	-	-	13,177 (0.92)	6,100 (1.16)	24,277 (0.97)
SCREENLINE TOTAL	295,174 (1.00)	44,140 (1.00)	249,314 (1.00)	195,412 (0.96)	49,504(1.12)	245,996 (1.09)	190,254 (0.93)	38,701 (0.88)	228,955 (0.92)
CORDONLINE TOTAL	50,618 (1.00)	11,667 (1.00)	79,285 (1.00)	-	-	-	49,850 (0.85)	11,960 (1.03)	61,810 (0.88)
GRAND TOTAL	263,792 (1.00)	47,408 (1.00)	311,200 (1.00)	196,412 (0.81)	49,504(0.98)	245,996 (1.00)	240,104 (0.91)	50,669 (1.07)	290,771 (0.93)

Note: Numbers in parentheses are ratios to 1980 volume.

Appendix 5.1
Comparative Analysis of Selected HIS
and NCSO Results

Comparative analyses in terms of population composition by employment and occupation were carried out between the 1984 Supplemental HIS and 1980 NCSO results. The population of the urban areas were chosen from the NCSO data to effect comparison with HIS results since sampling in the latter was predominantly in this type of areas.

Generally, population composition of employment within each province of the study area indicates that both NCSO and HIS results have the same trend, except Rizal, in the distribution of workers in the primary, secondary and tertiary industry sectors (see Table 1). However, the NCSO data shows a bigger share of workers in the primary and secondary industries as against the HIS results. This may be attributable to the difference in the period of both data (1984-HIS; 1980-NCSO) which could be indicative of the shift of workers from the agricultural or primary industry sectors to other sectors.

The above finding is further supported by Table 2. The occupation structure of each province from 1980 to 1984 reveals the same shift of workers from occupations related to the primary industries to secondary and tertiary sectors. On the whole, there is a decrease of agricultural and related workers from 7.7% to 2.9% of total population of the surveyed areas. The same is noted for clerical workers, bearing only a slight decrease, and production related workers with percentage shares from 3.7% and 22.3% to 3.1% and 14.9%, respectively. Meanwhile, an increasing trend is generally seen for other gainful occupations as well as non-gainful occupations.

Table 1
Comparative Employment within Provinces
by Industry Sector (%)^{1/}

Industry Sector	Bulacan		Rizal		Laguna		Cavite		Total	
	NCSO	HIS	NCSO	HIS	NCSO	HIS	NCSO	HIS	NCSO	HIS
Primary	20.3	6.9	15.2	4.2	21.4	6.9	18.9	8.0	19.3	6.5
Secondary	38.5	39.1	47.5	44.7	36.1	41.3	30.6	30.1	37.9	38.5
Tertiary	41.2	54.0	37.3	51.2	42.6	51.8	50.5	61.9	42.8	55.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

^{1/} NCSO results were derived from the 1980 Census on Population and Housing (urban areas) while the HIS results were taken from the 1984 Supplemental HIS

Table 2
Percentage Occupation Structure within Provinces
(HIS and NCSO) 1/

Occupation	Bulacan		Rizal		Laguna		Cavite		Total	
	NCSO	HIS	NCSO	HIS	NCSO	HIS	NCSO	HIS	NCSO	HIS
° Service Workers	5.2	10.9	5.4	7.5	6.1	5.6	7.2	9.4	6.0	8.7
° Adm. & Exec. Workers	0.5	1.3	0.6	0.7	0.8	0.3	0.4	1.3	0.6	1.0
° Sales Workers	7.0	7.6	5.0	7.9	6.4	10.0	5.9	7.4	6.2	8.0
° Clerical and Related Workers	3.6	2.9	3.3	3.6	3.9	2.8	4.1	3.1	3.7	3.1
° Production & Related Workers, Transport Equipment Operators and Laborers	24.3	14.1	27.2	17.9	20.2	19.7	18.4	10.1	22.3	14.9
° Professional, Technical, & Related Workers	4.0	4.5	4.3	4.7	5.0	4.2	4.4	4.5	4.4	4.5
° Agri'ral, Animal Husbandry, Forestry, & Related Workers	8.6	3.2	6.4	1.9	9.1	3.5	6.1	3.3	7.7	2.9
° Students ^{2/}	11.7	18.2	13.0	19.6	14.4	17.6	14.1	19.3	13.3	18.8
° Non-gainful Occupation ^{3/}	32.5	35.6	33.5	34.9	32.0	32.4	36.4	38.8	33.5	35.8
° Others	2.5	1.7	1.3	1.4	2.0	3.8	2.9	2.7	2.2	2.3

1/ 1984 Supplemental HIS and 1980 Census on Population and Housing by NCSO (Urban Areas)

2/ 15 years old and above for NCSO and 13 years old and above for HIS

3/ Housewives, housekeepers, volunteers, pensioners, retired, disabled and jobless persons

JICA