DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REPUBLIC OF THE PHILIPPINES

THE FEASIBILITY STUDY

UPGRADING INTERFURBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (Stal Rita, Plandel - San Jose Section)

FINAL REPORT

APPENDIX

NOVEMBER 1999

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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APPENDIX

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APPENDIX 2

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											1997								-		1	-
Region	-		-	1987						-	F	-		ŀ.	ļ -	Acres &	Managar	A. Mareu.	Const	Flec. Gas Industrial Service	ustrial Se	Twice .
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		1 334	47 244	3 265	1747	23.571	20.945	57,460 19	9,780	428 27	27,500 7,	7,476 2	111 Rt 116	11167 111	-	•	1	1	İ	-		1
3 Central Lucon	1	2766	+	+			Ļ	9000	_		80 338 16	16.941	8.078 114.	154,357 161.101	01 275,458	28	-	2	2,00			
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	1666	2,600	2 0.2	699	7.7	6,112	2 674	11,342	3,322	2,023	3		1	1	1				14.4	\$ 62	6.12	1.26
CAR Cordellora Aoministrative		Ϊ	930	1 104	¥	2 679	7.785	18,294 1	11 633	556	1,705	2,380	209	4,850 10,728	4	1					1	۶
1 Hocos Region			Anar-	+	1		l	1	79.	162	701	1 094	340	2,297 6,101	_		55	14 18 -0.37		1	as:	
2 Cagayan Valley	6,911	43	773	795	33	90,		١.		L	Ļ		Ľ	Ľ	_			2.23 4.95	8.56	5.69	5.41	4.33
4 Southern Tenation	27,052	745	26.813	4,189	4,279	36,024	27,902	90.978	35.514	1			1	L	1-				5.35	4.93	5.23	3.63
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6 Western Visayas	200	ı	j	+		+		L		Ľ	14 974	1 489	1751 18	18.235 32,399	58,647		3.22	12.69 3.33	9 56	69.	5	20.
7 Central Visaves	5,834	2,569	0.601	28.	819	13.553	20,275	1	-2.00				1	L	L				9. 6.22	6.57	4.18	3.02
E Fredery Visybase	6,209		3,597	735	326	4,712	5,254	16,175	6,479	717	5,025	380	1	1.	Ļ				6.84	5.51	3.5	28
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9 Western Mindanso	2000	l			1		1		076 34	699		7.435	1.285 12.	12.140 16,890	44,309		0.83	5.93		ĺ		1
10 Northern Mindanao	14,073	376	286	25	73/	- - - - -	13,700	1			-	0.00	L	L			_	2.06	5 7.79	5.74	2.89	2
or in these distances	7.1 80.7	0.61	7,983	1,459	991	11.558	15,019	48,384 2	24,340	2,390	1	80.0	1	ł	ļ					. 98	7,7	2.08
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12 Control Mindepao	À	5	1000	1		-			4.989		339	572	493	1.604	7,232 8,	8,625	-	- 		•	•	1
RMM Marin Modern			*		1		Ļ	1	۱	20 20 20	22,672	57,327	29 357 320	320 659 387 616	46 893,018	_	2.08	0.83 3.76	6.09	6.38	4.16	4,35
Phinomes	150,414	11,232	154,504	31,742	15,811	.1	2, 40	1		1	1	1	ł									

SHARE OF REGIONAL ECONOMIC OUTPUT BY INDUSTRIAL ORIGIN

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							_			÷	2997								ı		1.	
Region			1987	ţ	L	-		-	-	t	ŀ	Clar Can land	_	Sacres		Agn. & M	Minung &	Manu-	Const. Eig	Elec., Gas Industrul	strut Service	VICE TOWN
	Agn.& Mining &		Const	Const. Elec. Gas Industrial		Service	Total	Marie Marie	Mining &	actoring .	rection	A. Water			10/3			factuong	ruction &	& Water Se	Sector Sector	-1
	Forestry Quarrying	ng facturing	ruction.	S VARIOR	2000	3600	=	+	1				70 77	3	0.33	1.78	-7.65	1.14	2.76	98.0	0.92	.0.74
	44.70	27.54	10.29	17.07	11.06	8.27	9.77	10.38	4.14	12.29	13.04	70.13	14.97	0.	3,75							
S CONTRACTOR		ļ	l	L	37.60	10 66	86.06	8	800	39.96	29,55	27.52	35.66	41.56	39,85	-	•		 - -			
NCR Metro Manife	0.00	41.3	33.67	1	+				1			4 80	160	1 18	2.18	0.10	F	1,88	9.90	0.37	23	0.12
Cac Coodillers Administrative		134	7.7	4.86	2.86	1.06	1.84	1.80	19.57	27.7	- 271	֭֓֞֜֝֜֜֝֟֝֟֝֟֝֟֝֓֓֓֓֟֟֓֓֓֓֓֓֟֟	,				950	80.0	9.0	500		10.34
			92.5	720	1.26	3,08	2.97	6.30	5.38	92.0	4.15	1,0	-	7		5					į	
1 illocos Region			l.	L		4.74	2	5.30	1.57	0.31	15,	1.16	0.72	1.57	204	0.71	1.18	61 0	03.00	BL.0		0.7
2 Cagayan Valley	4.59 0.38			1	Caro	1				77 07	16.63	, X	19.03	11.00	15.59	1.24	-0.86	5 09	3.42	172	2.15	C.02
4 Southern Tagalog	17.99 6.6	6,62 17.34	13.20	27.06	16.38	757	74.73	13.65		+		1		2.4	2 80	A 24	4.62	-0.03	-0.27	1.17	0.17	-0.20
Section Beating	5.13 3.75	75 0.18	96.0	60.6	1.59	2.96	70.0	5.09	8.37	0.16	196	7,77	-	2,10	1			0 0	94.0	A 74		0.03
C DICOL MANDE				ļ	30,	1 22	7.28	10.72	16.25	4.44	4.16	3,50	4,68 1	7.25	7.05 (60.0	10.03	8	3,			
6 Western Visayas				ĺ.	+	1			95. 3	3	6.78	5.96	5,69	8.36	6.57	0.46	.16.48	22	98	18/0	0.67	į
7 Central Visayas	3,68 22.67	67 5.56	4.93	_[1659	50.0	6.03	1			1		2.21	183	15.4	-0.62	0.65	80.0	0.03	0.04	0.01	-0.25
Treated Viscous	4.13	0,48 2,33	2.32	2.06	2.21	2.08	2.62	3.51	1.13	77.74	\$7				1	4,4	Į,	12.0	0.17	0.07		0.54 -0.52
9 Western Mindanao	6.71	1.09 1.19	2.34	0.87	1.32	2.48	3.11	6.26	8	26.0	7.47	l-	100			100	-		1.36	44.0	0.45	
An Mostbern Modeon	9.36	3.35 4.52		4,82	4.24	A.45	5.57	8.27	242	3.47	4.25	4	1	1		3 3	-	1	0.79	90 0	0.62	0.29
	Ĺ			_	5.42	5,93	7.84	11.55	23.12	£.	5.39	8	4.79	2,63	20.0			5 1				
OPURDUM WINDERPRO					3.44	2.06	3.82	4.55	0.03	2.95	2.90	00.0	2.68	1.65	2.69	2 80	-0.27	40,47	CS 01	GO.	2	
12 Central Mindapao	40°	V			50.0		8	2.70	80	64.0	8	1.68	0.44	0.58	6.0		7	-	+	-		
ARMIN Mustim Mindenso	00 00	98 98	1000	100 001	90 001	100.00	00.001	100.00	100.00	100.00	100,00	100.00	100.00 /	100.00	100.001	0.00	0.00	0.00	800	000	000	0.00
Phlippines	ľ	1	1	J								j										

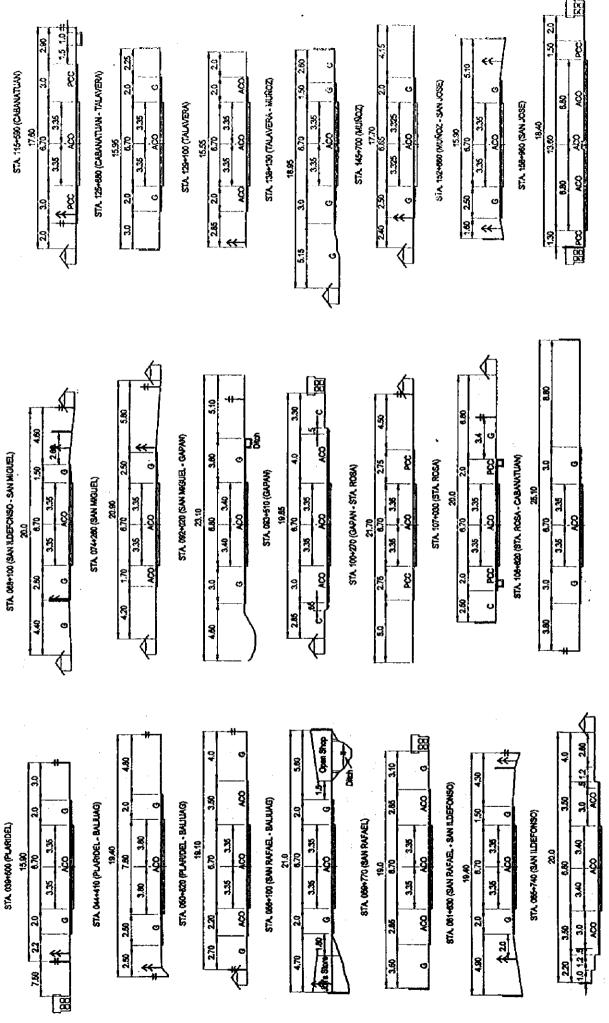
Source: 1. Philippine Statistical Yearbook, 1998, NSCB

INDUSTRIAL STRUCTURE BY REGION

1	Region				1987							•	1997							-	increase of Share	Share		
ļ		Agn.8 Forestry	Agri. & Mining & Manu- Forestry Quarrying facturing	: :	tion t	Clec. Gas & Water	industrial Sector	Sector	Total	Agrick Mining & Forestry Quarrying	Mining & Ouarrying	Manu- facturing	ron tron	Elec, Gas	Elec., Gas Industrial	Sector	Total	Agn.A Forestry	Manung & Guarryang	Many- factuning	Constr	Clec Gas Industrial & Water Sector	Sector	Sector
]رب	3 Control Luron	22.53	2.30		5.68	3,03	41.02	36.45	100.00	22.10	0,49	31.69	8.67	3.43	44.72	33,67	100.00	-0.42	18.1	1.68	2.93	0.40	3.28	-2.78
Ų.	NCR Metro Manila	8.0	0.00	35.36	6.93	2.13	44.42	55.58	100,00	0.00	0.00	32.43	6.15	7.93	41.52	58.48	100.00			-2.93	97.0	0.80	.2.90	2 90
ςi	CAR Cordillors Administrative Region 2	22.54	22.92	18.22	2.90	8,9	53.89	23.58	100.00	17.09	9 9	27.00	5.16	6.80	59.36	23.55	100,00	5,45	.12.52	18.73	27.4	000	5.48	-0.63
-1	Hocos Region	42.80	1.66	5.79	5.53	900	7	42.55	100.00	42.75	2.04	6.27	8,75	0,77	17.82	39,43	100.00	90'0	0,39	0.47	221	0.11	3.18	3.13
~."	2 Cagayan Valley	\$2.80	0.33	16,8	20.9	1.18	13.49	33.70	100.00	53,83	0.89	3.85	6.01	187	17.63	33.54	100,00	1.63	0.56	-2.05	90.0-	0.68	-0.87	95.0-
- ₹	Southern Tagatog	29.73	0.82	29.47	4 60	4.70	35.60	20.67	100.00	25.59	0.43	31.23	78.9	5.35	43.64	39 82	199.00	4.72	0.39	1,76	2.24	30	4.25	-0 03
٠,٠٠	5 Bicol Region	42.40	2.33	1.51	99'9	7.60	17.99	39.61	100.00	36,50	3.36	1,38	8.21	9.03	21.98	41.53	100,00	16.5	1.13	-0.13	1.57	1.42	66	1 92
o¦	Western Visayas	15,73	1,55	18.24	2.81	0.97	75 57	40.70	100,00	37.47	7,66	15.78	3.79	163	23.86	44.67	100.00	4.76	1,12	-2.46	76.0	95.0	0.29	3.97
- 1	7 Central Visayas	14,71	6,48	21.69	3,94	2.06	34.17	51.12	100,00	13.66	1.13	20.35	6.63	2,99	3.99	55.24	100,00	3.05	\$.36	23	2.69	26.0	3.08	4.12
w.!	Esstern Visyasas	28.39	0.33	22.24	25.	20.2	29.13	32.48	100.00	34.37	0.57	24.34	6.51	2.58	34.37	37.76	190.00	.202.	0.23	7.07	1.36	26.3	523	1.8
	Western Mindanao	52.56	79.0	9.56	19.13	0.72	14.73	32.71	100.00	50.03	0.85	9.41	6.13	1.02	17.41	32.57	100.00	-2.65	0.23	51.0	2,32	0.30	2 68	40.0-
۰.	10 Northern Mindanao	40.93	1.09	20.32	292	2.22	26.30	32.77	100.00	34.48	1.51	17.49	5,50	2.36	27.40	38,12	100.00	6.45	0.42	.2.83	2.80	0.68	1.10	5.35
Ξ	Southern Mindenao	45.07	4.03	16.50	3.02	0.34	23.69	31.04	100.00	36.42	₹.08	16,39	5.27	0.49	26 23	37.35	100.00	8.65	0.05	£.0	2.25	0,15	2.74	6.31
_ ^\	12 Central Mindanao	46.82	0.14	22.45	5.04	3,44	31.08	22.10	100.00	34,94	0.01	27.47	6.90	4.03	38.41	26,64	100.00	.11,88	-0.13	5.01	1,36	0.59	7.	4
≥ !	ARMM Autonomous Region of Muslim Mindanao		,		'	,			;	57.84	00.0	3.93	6,63	5.72	16.28	25.88	100.00		,					
	Phippines	24.38	1.82	25.06	5.15	2.56	34.59	41.03	100.00	20.68	1,16	25.05	6.42	3.29	35,91	43.61	100.00	-3.70	99:0-	10.0-	1.27	0.72	1,32	2.38
																			۱					

APPENDIX 3

• 3.1-1 Typical Cross-section of Existing Highway and List of Intersections



APPENDIX 3.1-1 Typical Cross Section of Existing Highways

LIST OF INTERSECTIONS SURVEYED ALONG THE PAN-PHILIPPINE HIGHWAY

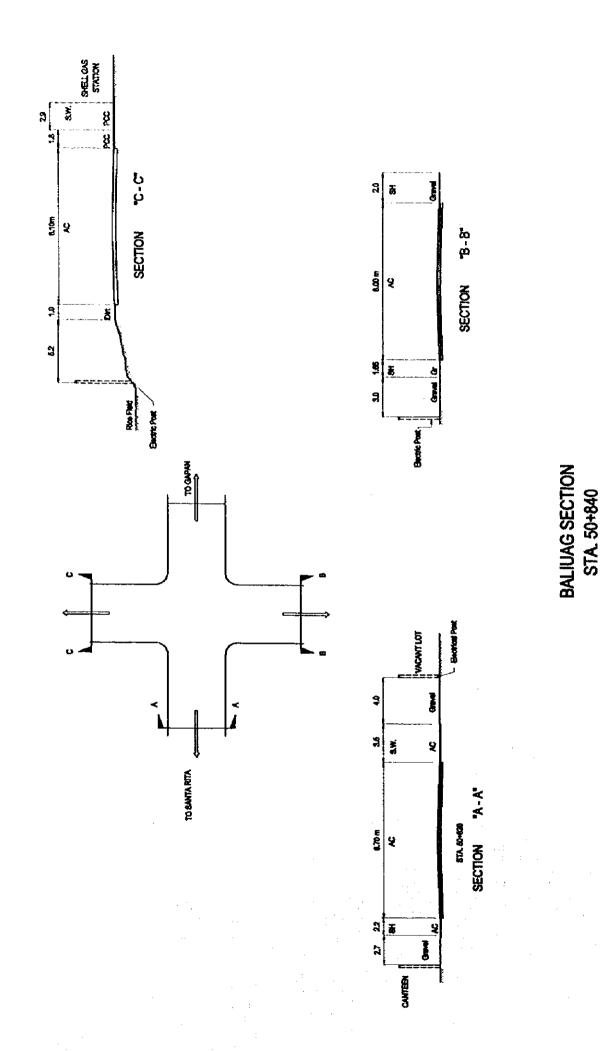
(Sta. Rita, Plaridel - San Jose Section)

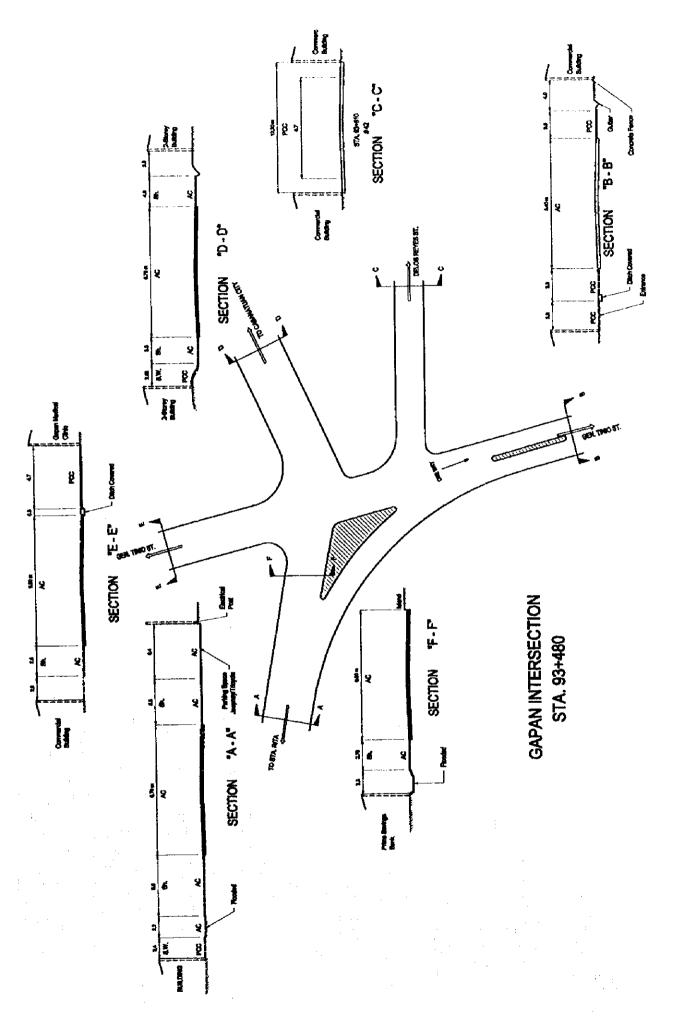
No. of Intersection	Major Intersection Surveyed	Station	City / Town	Twelve (12) Major Intersection	Eight (8) Intersection
THE SCOROLL	Curveyed			Selected	Traffic Surveyed and Analized
1	Plaridel Bypass	40+150	Plaridel		
2	Banga St./Gen. A. Santos	41+430	Plaridel	0	0
3	Pulilan / Baliuag Intersection	42+100	Pulilan		
4	Pulilan Intersection	42+306	Pulilan		
5	Pulilan/Baliuag Intersection	43+090	Pulilan		
6	Brgy. Concepcion Intersection	48+720	Baliuag		
7	Baliuag Intersection	50+840	Baliuag	0	0
8	San Rafael / Balivag Intersection	53+400	San Rafael		
9	Cruz Na Daan, San Rafael	59+780	San Rafael	0	
10	Viudez St. Intersection	65+720	San Ildefonso	0	
11	San Ildefonso Intersection	66+000	San Ildefonso		
12	San Miguel Intersection	72+880	San Miguel	0	. 0
13	San Miguel Intersection	76+160	San Miguel	·	
14	Gapan Intersection	93+480	Gapan	0	0
15	Sta. Rosa Intersection	107+050	Sta. Rosa	0	0
16	Cabanatuan City Hall Intersection	112+430	Cabanatuan City		
17	Jct. Cabanatuan Proper Int.	113+750	Cabanatuan City	0	О
18	Sanciangco Intersection	114+200	Cabanatuan City		
19	Paco Roman Intersection	114+350	Cabanatuan City		
20	Cabanatuan Intersection	115+220	Cabanatuan City		
21	Gen. Tinio Intersection	115+590	Cabanatuan City		
22	Quimson Intersection	115+800	Cabanatuan City		
23	Burgos Avenue Intersection	115+980	Cabanatuan City		
24	Cabanatuan/Baler Intersection	116+100	Cabanatuan City	0	0
25	Talavera Intersection	129+100	Talavera		
26	Talavera Intersection	129+700	Talavera	0	
27	Talavera Intersection	130+300	Talavera		
28	Baloc, Sto. Domingo Intersection	138+000	Sto. Domingo		
29	Intersection to Munoz Town Proper	145+450	Munoz	: 	
30	Intersection to Munoz Town Proper	145+650	Munoz		
31	Munoz Intersection	146+410	Munoz	0	
32	San Jose City/San Roque St. Int.	158+200	San Jose City		
33	San Jose City Hall Intersection	158+900	San Jose City		
34	San Jose City / Pangasinan Int.	159+089	San Jose City	0	0
35	Rizal St. Intersection	159+280	San Jose City		

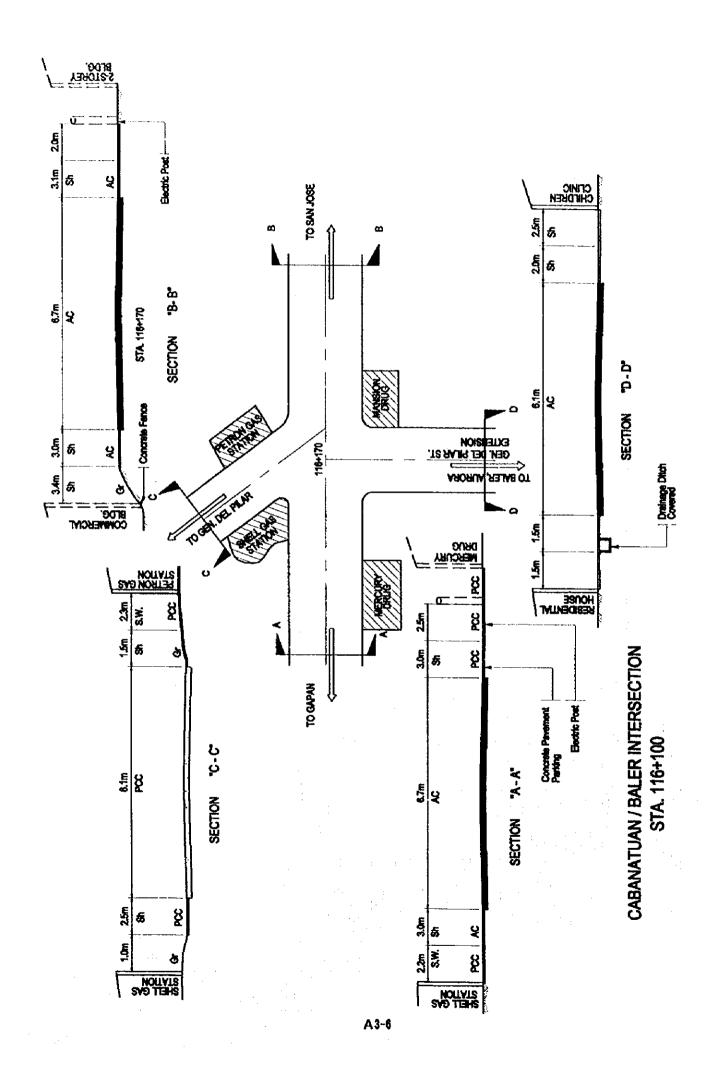
BANGA ST. / GEN. ALEJO SANTOS ST. INTERSECTION (PLARIDEL)

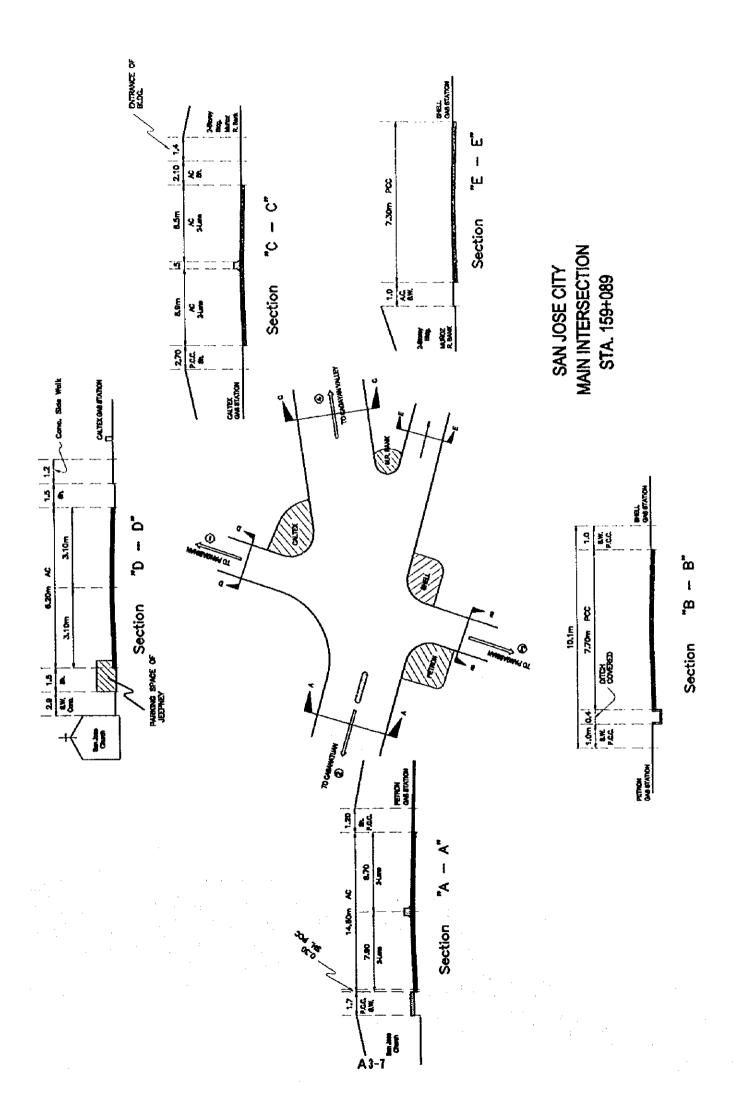
STA. 41+430

A3-3









APPENDIX 4

- 4.1-1 Field Traffic Survey Formats
- 4.2-1 Traffic Survey Results (AADT)
- 4.3-1 Intersection Traffic
- 4.4-1 Traffic Zones
- 4.4-2 Link Network
- 4.4-3 Integrated OD Matrix
- 4.6-1 Axle Load Distribution Data
- 4.7-1 Level of Service Analysis

APPENDIX 4.1-1 FIELD TRAFFIC SURVEY FORMATS

THE FEASIBILITY STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL - SAN JOSE SECTION)

TRAFFIC COUNT SURVEY SHEET

				111	M1 1	10 000111 0			5 h- 1 1					
STATIO	N NO :												 	
DATE :				 НО	UR F	ROM:	,			į	HQUR	to:		
WEATH	ER:						REC	ORDED	BY:					
SUB TOTAL	i i	1				VEHICLE TYPE	FRO	М					 SUB TOTAL	TOTAL
						1 CAR/TAXI JEEP								
						2 PASSENGER								

THE FEASIBILITY STUDY ON

UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PRILIPPINE HIGHWAY

(STA RITA, PLARIDEL - SAN JOSE SECTION)

O D INTERVIEW FIELD SHEET

STA. NO.	DATE	HOUR_	l?	YTERVIEWER		
•			10;			
I. VEHICLE TYPE	2 3 4	CAR/TAXIMEEP JEEPNEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS)	7. 8. 9.	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MORE MOTOR 1SINYOLE MOTOR CYCLE	: AXLES	
II. TYPE OF FUEL	1.0	ASOLINE	☐ ²	DIESEL		
III. ORIGIN	PROVINCE CITY / MUN BARANGAY	CIPALITY				
IV. DESTINATION	PROVINCE CITY / MUN BARANGAY	ICIPALITY				
V. PURPOSE OF TRIP (ONLY	for Car, Je					
1. TO / FROM WO	RK 2.T	O / FROM SCHOOL 3 W	ORK/BUSINESS	4 YOURISM	5 PRIVATE	
VI. NUMBER OF PERSONS	(INCLUDIN	3 DRIVER AND CONDUCTOR (S))				
VII. SEAT CAPACITY (ONLY	Y FOR BUS, JE	EPNEY)		SEATS		
VIII. COMMODITY TYPE! QUAI	NTITY	TYPE 1.				
IX. COMMODITY WEIGHT		TYPE 2. TYPE 3			KGS	
					•	
X. TOTAL COMMODITY WEIGH	r	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	KGS	
X. TOTAL COMMODITY WEIGH XI, NET LOAD CAPACITY	ĭ				KGS KGS	
XI, NET LOAD CAPACITY . STA. NO.	DATE	O D INTERVIEY			KGS	
XI, NET LOAD CAPACITY . STA. NO.	DATE		70:	NTERVIEWER	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION:	DATE FROM: 1. 2. 3. 4. 5.	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-8US (< 30 SEATS)	TO:	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MCRE MOTOR TRICYCLE	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: 1. VEHICLE TYPE	DATE FROM: 1. 2. 3. 4. 5.	HOUR CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE	TO:	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MCRE MOTOR TRICYOLE MOTOR CYCLE	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE II. TYPE OF FUEL	PROVINCE PROVINCE PROVINCE PROVINCE PROVINCE PROVINCE	HOUR CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY	TO:	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MCRE MOTOR TRICYOLE MOTOR CYCLE	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE II. TYPE OF FUEL III. ORIGIN	DATE FROM: 1. 2. 3. 4. 5. PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-8US (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (TO:	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MCRE MOTOR TRICYOLE MOTOR CYCLE	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. TYPE OF FUEL III. ORIGIN IV. DESTINATION	PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-8US (> 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SICIPALITY (SEEP)	TO:	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MATOR TRICYCLE MOTOR CYCLE 2. DIESEL	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. ORIGIN IV. DESTINATION V. PURPOSE OF TRIP (ONLY	DATE FROM: 1. 2. 3. 4. 5. PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA Y FOR CAR, JE ORK 2	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-8US (> 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SICIPALITY (SEP)	TO: 6 7. 8 9. 10 7	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MATOR TRICYCLE MOTOR CYCLE 2. DIESEL	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. ORIGIN IV. DESTINATION V. PURPOSE OF TRIP (ONL) VI. NUMBER OF PERSONS	DATE FROM: 1. 2. 3. 4. 5. PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA Y FOR CAR, JE ORK 2	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SICIPALI	TO: 6 7. 8 9. 10 7	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MATOR TRICYCLE MOTOR CYCLE 2. DIESEL	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. ORIGIN IV. DESTINATION V. PURPOSE OF TRIP (ONL) VI. NUMBER OF PERSONS	DATE FROM: 1. 2. 3. 4. 5. PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUI BARANGA Y FOR CAR, Ji ORK 2. (INCLUDIN Y FOR BUS, JR	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SICIPALI	TO: 6 7. 8 9. 10 7	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MOTOR TRICYCLE MOTOR CYCLE 2. DIESEL 4. TOURISM	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. TYPE OF FUEL III. ORIGIN IV. DESTINATION V. PURPOSE OF TRIP (ONL) VI. NUMBER OF PERSONS VII. SEAT CAPACITY (ONL)	DATE FROM: 1. 2. 3. 4. 5. PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUI BARANGA Y FOR CAR, Ji ORK 2. (INCLUDIN Y FOR BUS, JR	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SICIPA	TO: 6 7. 8 9. 10 7	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MOTOR TRICYCLE MOTOR CYCLE 2. DIESEL 4. TOURISM	KGS	
XI, NET LOAD CAPACITY STA. NO. DIRECTION: I. VEHICLE TYPE III. TYPE OF FUEL III. ORIGIN IV. DESTINATION V. PURPOSE OF TRUP (ONLY VI. NUMBER OF PERSONS VII. SEAT CAPACITY (ONLY VIII. COMMODITY TYPE / QUA	PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA PROVINCE CITY / MUR BARANGA V FOR CAR, JR CINCLUDIN V FOR BUS, JR	CAR/TAXI/JEEP JEEPHEY PICK-UP/VAN MINI-BUS (< 30 SEATS) LARGE BUS (> 30 SEATS) SASOLINE SICIPALITY (SEP) SO FROM SCHOOL 3.V SICIPALITY (SEP) SO PROM SCHOOL 3.V SICIPALITY (SEP) SICIPAL	TO: 6 7. 8 9. 10 7	TRUCK 2-AXLE TRUCK 3-AXLE TRUCK 3-AXLE TRUCK 4-AXLE OR MC RE MOTOR TRICYCLE MOTOR CYCLE 2. DIESEL 4. TOURISM	KGS KGS KGS KGS	

THE FEASIBILITY STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIGEL - SAN JOSE SECTION)

BUS / JEEPNEY PASSENGER O-D SURVEY FIELD SHEET

TATION NO	DATE:	DITER	MEMER [
ocation: Km.	name di	ROAD/SECTION:	والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع
			Talo outpose
STATION CODE:			TRIP PURPOSE
Ł HOUR			3 40 1 ksom schoor
3 DIRECTION:			1 VL MORK 1 STREET
A. VEHICLE TYPE:	BEATS)		4 TOURDAN 5 PROVATE
2. MM BUS (< 30 f	, ,	•	•
3. JEEPHEY		DESTINA	ATION TP
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PROVINCE :		PROVINCE :	┈┈┈┈┈
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BARANGAY :	11	BARANGAY :	10 20
PROVINCE :	,	PROVINCE :	
CITYMUMOPAUTY:	10	CITYMUNICIPALITY:	16
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PROVINCE :		PROVINCE :	14
CTYMUNCIPALITY:	10	CITY ANUBICIPALITY:	11

THE FEASIBILITY STUDY ON UPGRADING INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL - SAN JOSE SECTION) AXLE LOAD SURVEY

ST/	ATION NO:	DATE:	1	INTERVIEWER:	
DIR	ECTION NO: FROM	A:		то:	
f T	HOUR	44 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	VEHICLE TYPE	4. 80\$		5. TRUCK 11 6 TRUCK 12	
		11. SEMI TRAILER 11 12. SEMI TRAILER 11 13. SEMI TRAILER 12 14. SEMI TRAILER 12	1 - 2 2 - 1	7. TRUCK - TRAILER 11 - 11 8. TRUCK - TRAILER 11 - 12 9. TRUCK - TRAILER 12 - 11 10. TRUCK - TRAILER 12 - 12	3
3.	COMMODITY				
1	ТҮРЕ				
4.	TOTAL COMMODITY	/ WEIGHT		KGS	,
	SEAT CAPACITY			SEATS	13
0 >	LOAD	MOTOR VEHICLE		KGS.	14 18
2 A 2 O 2 O	4	TRAILER		KGS	19 23
C - C	GROSS VEHICLE	MOTOR VEHICLE		KG\$	24 29
(5)	WEIGHT	TRAILER		KGS	29 33
		LEFT WHEEL		RIGHT WHEEL	34 38
⊢		1st AxleKG	as.	1st Axie KGS	
U	MOTOR	2nd Axle KG		200	39 43
_	VEHICLE	2/M AXISNG	»s. '	2nd Axle KGS.	44 48
¥	1 1	3rd Axte KG	≩S. ;	3rd AxdeKGS	
					49 53
ш		1st AxieKG	SS.	1st Axe KG\$	
X L	TRAILER	2nd AxleKG	3S :	2nd Axle KGS	54 58
(e)		3rd AxleKG	3 S . (3rd Axle KGS	50 63

APPENDIX 4.2-1 TRAFFIC SURVEY RESULTS (AADT)

FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM Sta. Rita, Platidal - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No.

1

Date of Survey:

Nov. 23 & 24, 1998

Road Name:

BRGY. BANGA 1ST

Day

Monday & Tuesday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	TOA		Seasonal Factor	AADT
Car/Taxi/Jeep	1	5203	1.34	6972	0.94	6554			
,	2	4766	1.34	6 386	0 93	5939	6247	0.93	612
Pick-Up/Vans	1	3471	1.34	4651	0.91	4372		- [
(Cargo Jeepney)	5	3370	1.34	4516	0.93	4200	4766	0 93	42
Jeapney	1	2277	1.14	2596	0.83	2234			
	2	2204	1.14	2513	074	1859	2072	1.15	23
Mini Bus	1	0	0.00	0	0.00	0			
	2	0	0.00	0	0 00	0	٥	0 00	
Large Bus	1	863	1.34	1156	0 81	937			
C0. 80 000	2	771	1.34	1033	0 84	868	902	1 25	11
Truck 2-Axle	1	1180	1.32	1553	0.89	1386			
1100K E 1 Dag	2	1166	1.32	1539	1.21	1862	1624	1.14	18
Truck 3-Axle	1	557	1.32	735	0.89	654			:
11000 57000	2	600	1.32	792	1 21	958	806	1.14	
Truck 4-or more	1	125	1.33	166	1.08	180			
Axle	2	102	1 33	136	164	555	201	1.03	
SUB-TOTAL	1	13578		17834		16367			
(AADT1)	2	12979		16915		15909	16138	l	16
Motor Tricycle	1	985	1.59	1568	0 90	1412			
anoto: relejete	2	1032	1.59	1641	1.11	1321	1616	100	3
Motorcycle	1	401	1.59	638	0.90	574			
Motorcyclo	2	321	1.59	\$10	1.11	567	570	1.00	
Special	1	24	1.59	39	0.90	34			
Opcorer	2	11	1.59	17	1,11	19	27	1.00	
TOTAL	1	15087		20078		18386			<u> </u>
(AADT2)	2	14343		19083	1	18317	18351	ĺ	19

Note:

Total 1= excluding motorcycle/tricycle Total 2 = including motorcycle/tricycle FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandol - San Jose Section

TRAFFIC COUNT SUMMARY 1 LOCATION: TABANG PLARIDEL

BRGY BANGA 1ST

SECTION:

STATION NO.

DATE: NOVEMBER 23, 1996

	P# 1:	From:	TABANG				Š.	PLARIDEL				-	D#R 2 :	From:	PLARIDEL				70.	TABANO				
4004	CANU TAXW JEEP	ACEP.	NAV BUS	[<u> </u>	TRUCK 2-AVLE	TAUCK	F	MOYOR W TRL C	WOYSA S	SPECIAL TOTAL	TOTAL	7×X	d Sar	/47.77.0d .	1 SN8	CARGE BUS	PRUCK 2-AXLE	TRUCK 3-AXLE	. u	**OTOR	CYCLE CYCLE	SPECIAL	TOTAL
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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY STB. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Plaridel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No.

Date of Survey:

Nov. 26 & 27, 1998

Road Name:

BRGY, ANYATAN, KM. 68

Day

Thursday & Friday

ocation :		FONSO-SAN MK	SUFI			Day	•	thorsasy a r	uug
Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	TOA		Seasonal Factor	AADT
CarffaxiVJeep	1	2164	1 34	2900	0 98	2842			·
•	5	2184	1 34	2927	0.97	2839	2840	66 0	27
Pick-Up/Vans	1	2225	1 34	2982	0 98	3933			
(Cargo Jeepney)	2	2315	1 34	3102	0 97	3009	2965	0.98	29
Jeepney	1	282	1.14	321	1.05	338			
	2	354	1.14	435	1.06	464	401	1.15	
Mini Bus	1	0	0.00	0	0.00	0			<u></u>
	2	0	0 00	o	000	0	0	000	
Large Bus	1	530	1 34	710	0.93	\$60			
	2	531	1 34	712	097	690	675	1.25	
Truck 2-Axle	1	733	1.32	908	0 98	948			
	2	715	1.32	939	1 00	933	943	1.14	1
Truck 3-Axle	1	231	1.32	305	0.98	299			
	2	314	1 32	414	1.00	414	357	1,14	
Truck 4-or more	1	70	1 33	93	1 25	116			
Axte	2	74	1 33	98	1.03	101	109	1.03	
SUB-TOTAL	1	6235		8279		8125			
(AADT1)	2	6513		8629		8456	8291		
Motor Tricycle	1	1459	1 59	2336	0 84	1962			
	2	1847	1 59	2937	680	2584	2273	1 00	2
Motorcycle	1	309	1.59	491	084	413			
	2	321	1 59	510	88.0	449	431	100	
Special	1	8	1.59	13	084	11			
<u> </u>	2	10	1 59	16	580	14	12	1.00	İ
TOTAL	1	8021		11118		10510			
(AADT2)	2	8691		12092		11504	11007		11

Total 1= excluding motorcycle/tricycle Total 2= including motorcycle/tricycle

FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

LOCATION: SAN ILDEFONSO-SAN MICUEL TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Planidel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

\$ta. No.

3

Date of Survey:

Dec. 03 & 04, 1998

Road Name:

BRGY, TABUATING, KM. 104

Day

Thursday & Friday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANOEO	Daily Factor	ADT		Seasonal Factor	AADT
CarffaxiUseep	1	3486	1.34	4ô71	0 98	4578			
•	2	3241	1.34	4343	0.97	4213	4395	0.98	430
Pick-Up/Vans	1	2460	1.34	3295	0 98	3230			
(Cargo Jeepney)	2	2713	1 34	3635	160	3526	3378	56.0	33
Jeepney	1	1251	1.14	1426	1 05	1497			
	2	1213	1.14	1383	106	1465	1492	1,15	17
Mini Bus	1	0	0.00	0	0.00	٥			
	2	0	0.00	0	0.00	0	0	900	
Large Bus	1	478	1.34	541	0.93	596			
_	2	492	1.34	659	0.97	640	618	1 25	7
Truck 2-Axle	1	899	1,32	1187	0.98	1163			
	2	786	1 32	1038	100	1038	1100	1.14	17
Truck 3-Axla	1	319	1.32	421	0.98	413			
	2	293	1 32	337	1.00	387	400	1.14	
Truck 4-or more	1	106	1.33	141	1 25	176			
Axle	2	106	1.33	141	1.63	145	161	1.03	
SUB-TOTAL	1	8999		11783		11553			
(AADT1)	2	6844		11586		11414	11534		111
Motor Tricycle	1	480	1,59	178	084	653			
	2	433	1 59	768	880	676	664	1.00	
Motorcycle	1	279	1 59	444	084	373			
	2	260	1 59	413	0.83	364	868	1.00	
Special	1	15	1 59	25	084	21			
	2	16	1,59	25	0.88	22	22	1.00	
TOTAL	1	9783		13030		12700			
(AADT2)	2	9603		12793		12476	12588	1	133

Note:

Total 1= excluding motorcycle//ricycla Total 2 = including motorcycle//ricycla FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Riu, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY 1

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta, Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta Rita, Pioridel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No.

4

Date of Survey:

Dec. 01 & 02, 1998

Road Name:

BRGY, BALOC, KM. 102

Day

Tuesday & Wednesday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	ADT		Seasonal Factor	AADT
Car/Taxi/Jeep	1	1476	1.29	1904	0.98	1866	T		
	2	1567	1 29	2021	1 07	2163	2014	1.34	269
Pick-Up/Vans	1	1462	1.29	1886	Se 0	1849			
(Cargo Jeepney)	2	1603	1.29	2068	1 03	2213	2030	1.34	277
Jeepney	1	1770	1 26	2230	1 00	2230			
	2	1687	1 26	2126	1 06	2253	2242	1 16	280
Mini Bus	1	0	0 00	6	2 00	0			
	2	0	0.00	0	0 00	0	0	0 00	
Larga Bus	1	175	3.15	201	0.06	193			
	2	183	1.15	210	1 55	326	260	1 02	26
Truck 2-Axle	1	680	1 28	870	0.84	731			
	2	624	1.28	799	1.20	958	845	200	169
Truck 3-Axie	1	149	1.28	191	0.84	160			
	2	178	1 28	228	1.20	273	217	2 00	43
Truck 4-or more	1	102	1 24	126	62.0	121	~~~		
Axie	2	96	1.24	119	1 25	149	135	0.73	•
SUB-TOTAL	1	5814		7469		7150		<u>-</u>	
(AADT1)	2	5938		7571		8336	7743	i	1050
Motor Tricycle		1305	121	1579	ri 20	1421			
	2	1317	1.21	159-1	1 00	1594	1507	1 23	185
Molorcycle	1	364	1 21	465	17.03	418			
	2	387	3 21	406	1 50	468	443	1 23	54
Special	1	122	1 21	145	0,90	133			
	2	119	1.21	144	1 00	(14	138	1 23	17
TOTAL	1	7625		9600		9123			
(AADT2)	5	7751		9777		10541	9832	.]	1307

Note:

Total 1* excluding motorcycle/tricycle Total 2 = including motorcycle/tricycle FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rha, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY 1

STATK	STATION NO.		. sec	SECTION:	BPGY, 6A	BRGY, 64,0C, KW, 10				50	LOCATION:	TALAVERALAUNOZ	2040									DATE: 2	DECEMBER OF 1994	8
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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Plaridel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No. :

5

Date of Survey :

Dec. 01 & 02, 1998

Road Name:

BRGY, MALASIN, KM. 161

Day

Tuesday & Wednesday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDEO	Daily Factor	ADT		Seasonal Factor	TOAA
Car/Taxi/Jeep	1	497	1 29	541	0 93	628	-		
California	2	460	1 29	593	1 07	635	632	1.34	84
Pick-Up/Vans	1	662	1 29	854	0 93	837			
(Cargo Jeepney)	2	711	1.29	917	1 07	981	909	1 34	121
Jeepney	1	194	1 20	244	1.00	244			
acciaic i	5	176	1 26		1 06	235	240	1.16	2
Mini Bus	1	7	1.14	8	0.64	7			
nar ody	2	19	1.14	22	1.19	26	16	Q 59	
Large Bus	ı	168	1,15	193	0 96	155			
ca.ge out	2	153	1.15	176	1 55	273	229	1.02	2
Truck 2-Axie	1	297	1 28	380	0 84	319			
HOOK E-FORE	5	272	1 28	348	1 20	418	369	200	7
Truck 3-Axle	1	135	1 28	173	0.84	145			
Hack 3-yala	2	138	1.28	177	1 20	212	179	200	3
Truck 4-or more	1	84	1 24	104	0 96	100			
Axia	2	66	1.24		1.25	102	101	0.73	
SUB-TOTAL	1	2044		2598		2486			
(AADT1)	2	1995		2537		2882	2674		37
Molor Tricycle	1	2497	1 21	3009	0 90	2708			
Moior troyese	2	2337	1 21	2828	1.00	2828	2768	1.23	3.
Motorcycle	1	329	1.21	398	0 90	358			
MANUCYNE	2	293	1.21	355	1.00	355	356	1 23	
Special	1	83	1.21		0.90	90			
Option .	2	71	1.21	86	1.60	66	88	1.23	
TOTAL	1	4943		6106		\$623			
(AADT2)	2	4596		5805		6150	5587		7

Note:

Total 1= excluding motorcycle/fricycle Total 2= including motorcycle/fricycle

FS ON UPGRADING INTER-URAN HICHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandol - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HICHWAY SYSTEM ALONG THE PAN PHILIPPINE HICHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY 1

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Plaridet - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No.

RTC-2

Date of Survey:

Nov. 23 & 24, 1998

Road Name :

BRGY, KRUS-NA-DAAN, KM. POST 60

Day

Monday & Tuesday

Location :	SAN RAF	AEL, BULAÇAN				· · · · · · · · · · · · · · · · · · ·			
Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	ADŢ		Seasonal Factor	AADT
Car/TaxVJeep	1	3143	1 34	4212	0 94	3959			
	2	3023	1 34	4951	093	3767	3863	0.98	378
Pick-Uo/Vans	1	2781	1 34	3727	0.94	3503			* ************************************
(Cargo Jeepney)	2	2708	1.34	3529	0.93	3375	3439	0.98	337
Jeepney	1	1380	1.14	1573	0.88	1384			
	2	1132	1.14	1290	0.74	955	1170	1.15	134
Mini Bus	1	0	0.00	0	0.00	0			
	2	0	0.00	٥	0.00	0	0	0.00	
Large Bus	1	586	1.34	785	081	636			
	2	523	1 34	701	0.84	589	612	1.25	76
Truck 2-Axle	1	879	1 32	1160	0.89	1033			
	2	923	1.32	1218	1.21	1474	1253	1.14	142
Truck 3-Axle	t	420	1.32	554	98.0	493	-		
	2	378	1.32	499	1 21	604	549	1.14	62
Truck 4-or more)	86	1.33	114	1.08	124			
Ax'e	2	64	1 33	85	1.64	140	132	1 03	. 13
SUB-TOTAL	1	9275		12126		11132			
(AADT1)	2	8751		11473	•	10 9 03	11018		1145
Motor Tricycle	1	1377	1.59	2189	0 90	1970			
	2	1430	1 59	2274	1.11	2524	2247	100	224
Motorcycle	1	436	1.59	693	0.40	624			
	2	386	1 59	614	1.11	681	653	1 00	65
Special	1	22	1.59	35	0.90	31			
	2	5	1.59	8	1.11	9	20	1.00	. 2
TOTAL	1	11110		15043		13758			
(AADT2)	2	10572		14369		14117	13937		1437

Note:

Total 1= excluding motorcycle/tricycle Total 2 = including motorcycle/tricycle FS ON UPGRADING INTER-URAN HICHWAY SYSTEM ALONG THE PAN PHILIPPINE HICHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY (

000 1 From NEW 1 From New 1 From	PICKUP	W.W.																	
7000 NECES	NAN YAAN	L			To SANK	SAN ILDEFONSO				DIR 2. From		SAN KOEFONSO			٥	BALVAG			
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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Plaridel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No. :

RTC-3

Date of Survey:

Nov. 26 & 27, 1998

Road Name:

KM. POST 66

Day

Thursday & Friday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	ADT		Seasonal Factor	AADT
Car/Taxi/Jeep	1	3565	1 34	4777	0 93	4682			
Carrenter	5	3440	1 34	4510	0.97	4471	4576	0 93	4485
Pick-Up/Vans	1	2713	1 34	3635	0 93	3563			
(Cargo Jeepney)	5	2596	1 34	3479	0 97	3374	3468	0 98	3399
Jeepney	1	1244	1.14	1418	1 (5	1459			
VV-p,	2	1374	3.14	1506	1.05	1660	1575	1.15	1811
Mini Bus	1	0	0.60	0	0.00	0			
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Large 8us	1	592	1.34	793	0.93	738			
24.90.003	2	538	1 34	721	0.97	699	719	1.25	89
Truck 2-Axle	1	890	1.32	1175	0 98	1151			
HACK EAVING	2	851	1.32	1123	1.00	1123	1137	5.14	129
Truck 3-Axle	1	281	1.32	371	0 93	364			
Hiter Savie		338	1.32	446	1.00	446	405	1.14	45
Truck 4-or more	1	100	1 33	133	1 25	166			
Axie	2	52	1 33	69	1 03	71	119	1.03	17
SUB-TOTAL	,	9385		12303		12152			
(AADT1)	2	9189	•	12014		11846	11999		124
Motor Tricycle	1	1737	1.59	2762	084	2320			
motor trackers	2	1622	1.59	2579	0 88	2270	2295	100	221
Motorcycle	1	491	1.59	781	084	656			
motor of me	2	640	1.59	1018	88.0	895	776	1.00	17
Special	1	9	1.59	14	084	12			
- Sheare	2	3	1 59	5	0 68	4	8	1.00	
TOTAL	1	11522		15860		15140			
(AADT2)	2	11454		15515	************	15015	15078		155

Note

Total 1= excluding motorcycle/tricycle Total 2 = including motorcycle/tricycle

FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita. Plandel - San Jose Section
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LOCATION: SAN RDEFONSO TOWN PROPER, BULACAN

TRAFFIC COUNT SUMMARY I

DATE: NOVEMBER 27, 1996

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FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM

Sta. Rita, Plaridel - San Jose Section

MANUAL TRAFFIC CLASSIFICATION COUNT

Sta. No. :

RTC-6

Date of Survey:

Dec. 01 & 02, 1998

Road Name:

BRGY, MARCOS DISTRICT, TALAVERA, NUEVA ECIJA

Dav

Tuesday & Wednesday

Vehicle Type	Day	12 Hr. COUNT	24 Hr. ADJ.	24 Hr. EXPANDED	Daily Factor	TOA		Seasonal Factor	AADT
Саг/Тахі/Јеер	1	2976	1 29	3839	0.98	3762			
•	2	3097	1.29	3995	1 07	4275	4019	1 34	538
Pick-Up/Vans	1	2539	1 29	3275	0.98	3210			
(Cargo Jeepnay)	2	2741	1 29	3530	1 07	3783	3497	1 34	468
Jeepney	1	2359	1.26	2972	100	2972			
	2	2241	1 26	2624	1.06	2993	2983	1.16	34
Mini Bus	1	0	0.00	o	000	٥			
	2	0	0.00	0	000	0	0	0.00	I
Large Bus	1	210	1.15	242	0 96	232			
torgo cos	5	248	1.15	265	1.55	442	337	1 02	3.
Truck 2-Axle	1	845	1 28	1082	0.84	909			 [
1100.5-100	5	781	1.28	1000	1.20	1200	1054	200	21
Touch 2 Avia	1	150	1.28	192	0.84	161			
Truck 3-Axie	2	180	1 28	230	1.20	276	219	2 00	4
Truck 4-or more	,	91	1 24	113	0 96	108			
Axie	2	17	1 24	95	1 25	119	114	073	
SUB-TOTAL	í	9170		11715		11354			
(AADT1)	5	9365		11965	İ	13089	12222		165
	1	9217	1.21	11153	0.90	19037			
Motor Tricycle	2	8276	1.21	10014	100	10014	10026	1 23	123
	1	857	1.21	1037	0 90	933			
Molorcycle	2	in in		940	100	940	937	1.23	11
	·	104	1 21	126	0 90	113			
Special	2	103		125	100	125	119	1.23	,
	1	19348		24030		22438		1	
TOTAL (AADT2)		16521		23044		24168	23303		30

Note:

Total 1= excluding motorcycle/tricycle Total 2 = including motorcycle/tricycle FS ON UPGRADING INTER-URAN HIGHWAY SYSTEM ALONG THE PAN PHILIPPINE HIGHWAY Sta. Rita, Plandel - San Jose Section

TRAFFIC COUNT SUMMARY I

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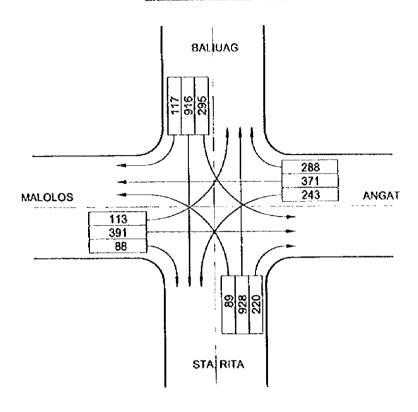
FS ON UPGRADING INTER-URAN HICHWAY SYSTEM ALONG THE PAN PHILIPPINE HICHWAY Sta. Rita, Plaridel - San Jose Section

TRAFFIC COUNT SUMMARY I

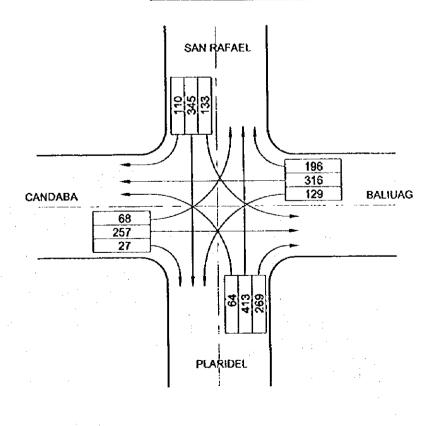
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13. 13. 13. 13. 13. 13. 13. 13. 13. 13.	<u>.</u> ب	•		Ŷ.	••	7	.7	•	••	ř	:		7.	7	36	*		₹1	2			::	•		424
15	100				Ţ	٠.	į			÷.	: }		č	ä	20	7.	•	?	5			?	27,	·r	
141 107 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Đ	_		Ŗ	¢	ē	3		7	ŝ	٠.		79.0	:2	G	e.	Ð	T	11			1)	17		
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1533 VVV (1544 0) 244 788 100 37 1076 777 107 105 1551 1757 107 1557	3																	-					: .		
1535 1777 153 0 90 3360 1066 25 5000 377 153 1556 155 1557 0) 1577 153 1557 1557 1557 1578 0) 1577	33.24							-						•		•	:					:	į.	 	i
1533 1777 173 0 90 396 106 25 0000 377 103 1556 155 155 01 1577 103 1557	74 Hrs.							,								-									ľ
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APPENDIX 4.3-1 INTERSECTION TRAFFIC AT PEAK HOUR

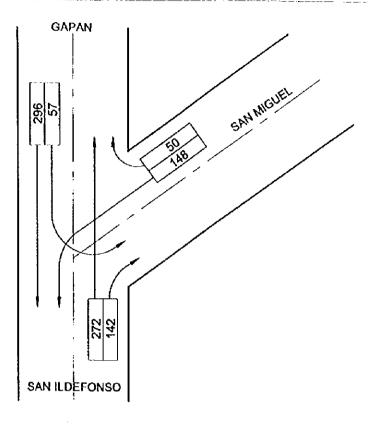
STATION NO. ITC - 1 (PLARIDEL INTERSECTION)



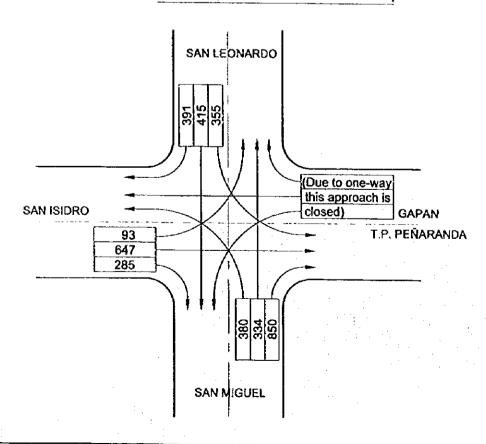
STATION NO. ITC-2 (BALIUAG INTERSECTION)



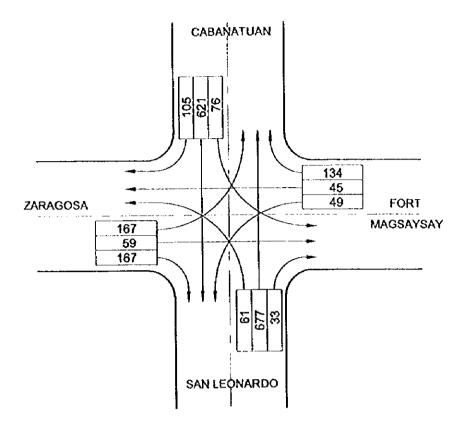
STATION NO. ITC - 3 (SAN MIGUEL BYPASS INTERSECTION)



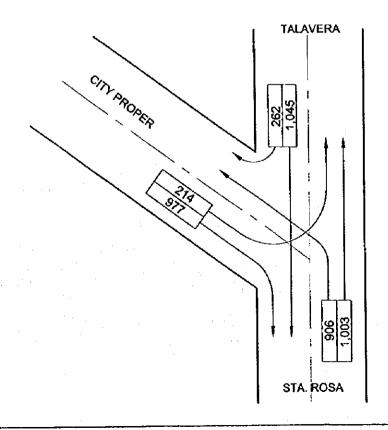
STATION NO. ITC - 4 (GAPAN INTERSECTION)



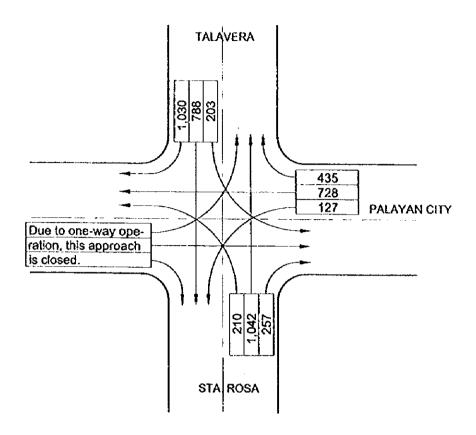
STATION NO. ITC - 5 (STA. ROSA INTERSECTION)



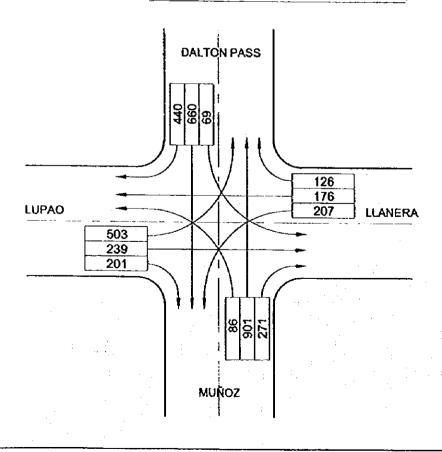
STATION NO. ITC - 3 (SAN MIGUEL BYPASS INTERSECTION)



STATION NO. ITC - 7 (CABANATUAN - 2 INTERSECTION)



STATION NO. ITC - 8 (SAN JOSE INTERSECTION)



APPENDIX 4.4-1 TRAFFIC ZONES

ZONIING FOR ADMINISTRATIVE DIVISION FOR BULACAN PROVINCE(1)

No.	Zone No	Province	Municiplaity	Barangay
1	0100	Bulacan	Angat	All Barangays
		Bulacan	Balagtas	All Barangays
3		Bulacan	8aliuag	Pagala
1				Santo Cristo
4	0302	Bulacan	Baliuag	Sabang
5	0302	Bulacan	Balluag	Bagong Nayon
				Concepcion
				Poblacion
}				San Jose
				Subic
				Tibag
6	0304	Bulacan	Baliuag	Makinabang
			1	Tarcan
		•		Tiaong
				Virgen delas Flores
7	0305	Bulacan	Baliuag	Calantipay
	1	1		Catulinan
	1			Matangtubig
l	ł	İ	İ	Pinagbarilan
				Santa Barbara
1	ŀ			Sulivan
	<u> </u>			Tilapayong
8	0306	Bulacan	Baliuag	Barangca
	<u> </u>		1	Hinukay
		1	ļ	Paitan
ł		ł	1	Piel
l	l			San Roque
1				Santo Nino
L		<u> </u>		Tangos
	0400	Bulacan	Bocaue	All Barangays
10	0500	Bulacan	Guiguinto	All Barangays
<u></u>	<u> </u>	<u> </u>	Bulacan	All Barangays
11	06 0 1	Bulacan	Bustos	Bonga Mayor
İ			}	Poblacion Con Podro
1		1	1	San Pedro
<u>L</u>		<u> </u>		Tanawan
1 12	0602	Bulacan	Bustos	Liciada
1	1		1	Buisan Camachilihan
	ł	1	İ	
	1	•	1	Cambaog
	1	1	•	Malamig
<u> </u>		10.15.55	Divotos	Talampas Bonga Menor
1 13	3 0 6 0 3	Bulacan	Bustos	Catacte
ł		1		Malawak
	1	1		Tibagan
<u></u>	11	<u>.l</u>		Tipayan

ZONIING FOR ADMINISTRATIVE DIVISION FOR BULACAN PROVINCE(2)

No.	Zone No	Province	Municiplaity	Barangay
14	07 0 0 08 0 0	Bulacan	Calumpit	All Barangays
15	0800	Bulacan	Paombong	All Barangays
			Hagonoy	All Barangays
			Malolos	All Barangays
16	0900	Bulacan	Obando	Ali Barangays
			Mapilao	Ali Barangays
			Meycauayan	All Barangays
	1000	Bulacan	Norzagaray	All Barangays
18	1101	Bulacan	Pandi	Bagbaguin
1			1	Bunsuran I
				Bunsuran II
1				Bunsuran III
				Cacarong Bata
•				Cacarong Matanda
				Cupang
				Malibong Matanda
1				Manatai
				Masagana
19	1102	Bulacan	Pandi	Bagong Barrio
				Baka-bakahan
				Malibong Bata
				Mapulang Lupa
				Masuso
				Pinagkuartelan
				Poblacion
			·	Real de Cacarong
				San Roque
		-		Santo Nino
	Į			Siling Bata
			<u> </u>	Siling Matanda
20	1201	Bulacan	Plaridel	Banga II
	•]		Bintog
	İ	1		Bulihan
				Parulan
<u> </u>	1	D. J.	151 : 1 1	San Jose
21	1202	Bulacan	Plaridel	Agnaya
1	[1	Dampol(I&II)
1				Lagundi
Ī				Lalangan
1	1	1		Lumang Bayan
1				Poblacion
[1			Rueda
1		l		Santa Ines
				Santo Nino
L			1	Sipat
22	1203	Bulacan	Plaridel	Bagong Silang
1	1	1	1	Banga I
L	<u> </u>	1		Tabang
23	1204	Bulacan	Plandel	Culianin

ZONIING FOR ADMINISTRATIVE DIVISION FOR BULACAN PROVINCE(3)

No.	Zone No	Province	Municiplaity	Baranqay
24	1301	Bulacan	Pulilan	Cutcot
			{	Longos
1				Paltao
				Poblacion
1				Santo Cristo
				Taal
1 1		1		Tinejero
25	1302	Bulacan	Pulilan	Balatong A
-~				Balatong B
			1	Dampol I
1 1		,	1	Dampoi II-A
ll	•			Dampol II-B
			l l	Dulong Malabon
				Inaon
		ļ		Lumbac
				Penabatan
1				Santa Peregrina
				Tabon
				Tibag
26	1401	Bulacan	San Ildefonso	Calasag
20	1'70'	Daidoan	Can incorping	Calawitan
]	l .	Į	Poblacion
Ì				Pulong Tamo
27	1402	Bulacan	San lidefonso	Anyatam
-1	1702	Dulacari	Out the Control	Bubulong Malaki
				Bubulong Munti
	1	1		Buhol na Mangga
	i			Bulusukan
	1		· ·	Garlang
				Lapnit
1	•			Makapilapil
				Mataas Na Parang
	ļ.	1	\	Nabaong Garlang
	l	1		Pinaod
ŀ		<u> </u>	1	San Juan
1	1	1:	1	Santa Catalina Bata
1	1	-		Santa Catalina Matanda
1			1	Sumandig
20	1403	Bulacan	San Ildefonso	Maasim
~	7'7		4-11-11-11-11-11-11-11-11-11-11-11-11-11	Malipampang
		1		Matimbubong
			1	Sapang Putik
1		1		Sapang Putol
ŀ	1	1		Telepatio
29	1404	Bulacan	San Ildefonso	Akle
23	1'''	- Culdical i	COLL ROOSOFIGO	Alagao
1	1			Bagong Barrio
ı				Basuit
	1	1		Casalat
		1	1	Gabihan
		į.		Palapala
	1	<u></u> ,		Ti diseptores

ZONIING FOR ADMINISTRATIVE DIVISION FOR BULACAN PROVINCE(4)

No.	Zon o No	Province	Municiplaity	Barandav
29	1404	Bulacan	San Ildefonso	Pasong Bangkal
ll				Sapang Dayap
li				Umpucan
				Upig
30	1500	Bulacan	San Jose Del Monte	All Barangays
31	1601	Bulacan	San Miguel	Batasan Bata
			,	Paliwasan
			1	Salangan
				San Agustin
				Santa Rita Bata
32	1602	Bulacan	San Miguel	Biclat
			-	Magmarale
ļ ļ				San Juan
			ì	Santa Rita Matanda
		1		Tibagan
23	1603	Bulacan	San Miguel	Batasan Matanda
~				Mandile
]		ŀ		San Vicente
34	1604	Bulacan	San Miguel	Balite
"		o di cocci i	Jan mgao.	Buliran
				Camias
				Poblacion
			*	Santa Ines
1				Tigpalas
35	1605	Bulacan	San Miguel	Balaong
			justings.	Labne
	1			Masalipit
	i	!		Pacalag
				Pulong Bayabas
	l			San Jose
				Sibul
	-		1	Tartaro
36	1606	Bulacan	San Miguel	Bagong Pag-asa
	•	1	_	Bagong Silang
1	1			Bantog
1	1	ł		Baritan
1		1	1	Biak-na-Bato
1				Buga
1				Bulualto
1				Cambio
1	:		1	llog-Bulo
				Pulong Duhat
1	1			Sacdalan
1				Salacot
L	<u> </u>			Sapang
37	1607	Bulacan	San Miguel	Bardias
				Calumpang
	1	1		King Kabayo
	1			Lambakin
	1	1		Malibay

ZONIING FOR ADMINISTRATIVE DIVISION FOR BULACAN PROVINCE(5)

No.	Zone No	Province	Municiplaity	Barangay
37	1607	Bulacan	San Miguel	Maligaya
			_	Partida
				Pinambaran
				Santa Lucia
38	1701	Bulacan	San Rafael	Banca-banca
				BMA-Balagtas
				Coral na Bato
				Libis
				Lico
			•	Maronguillo
1	ŀ			Pasong Callos
				Pasong Intsik
	•	[Poblacion
İ		1		Pulo
1	Į.		:	Talacsan
		I		Tukod
39	1702	Bulacan	San Rafael	Caingin
1	<u> </u>			Capihan
1		1		Cruz na Daan
	1	j	l	Dagat-dagatan
				Diliman I
1			1	Diliman II
	Ì	l		Maasim
	ŀ	1	ļ	Mabalas-balas
	ŀ	[ĺ	Maguinao
				Paco
1		i		Pansumaloc
1	Į.		Į	Pantubig
1			1	Pasong Bangkal
		}		Pinacpinacan
1	1	1	1	Pulong Bayabas
				Salapungan
	•			Sampaloc
1				San Agustin
				San Roque
1	•			Sapang Pahalang
1				Tambubong
1		1		Ulingao
4(1800	Bulacan	Sta. Maria	All Barangays
4	1 1900	Bulacan	Dona Remedios Trinidad	All Barangays

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(1)

No.	Zone No.	Province	Municiplaity	Barangay
42	3 1 0 0	Nueva Ecija	Aliaga	All Barangays
		Nueva Ecija	Bongabong	All Barangays
44	3 3 0 1	Nueva Ecija	Cabanatuan City	Dionisio S. Garcia
		,	1	Hermogenes C. Concepcion, Sr.
				Kapitan Pepe (Pob.)
				San Juan Pob. (Acofa)
				San Roque Sur
45	3 3 0 2	Nueva Ecija	Cabanatuan City	Bonifacio District (Pob.)
				Rizdelis (Pob.)
				Vijandre District (Pob.)
46	3 3 0 3	Nueva Ecija	Cabanatuan City	Barrera District (Pob.)
				Bernardo District (Pob.)
ĺ				City Supermarket (Pob.)
				Dimasalang (Pob.)
				Fatima (Pob.)
1				M. S. Garcia
				Melojavilla (Pob.)
				Zulueta District (Pob.)
47	3 3 0 4	Nueva Edija	Cabanatuan City	Imelda District
48	3 3 0 5	Nueva Edja	Cabanatuan City	San Josef Norte
l ' '		Tracta Esqu	Oubdinated TORY	San Josef Sur
				Sumacab Norte
49	3 3 0 6	Nueva Ecija	Cabanatuan City	Aduas Sur
				General Luna (Pob.)
1				Matadero (Pob.)
			Ì	Nabao (Pob.)
				Padre Burgos (Pob.)
				Sanbermicristi (Pob.)
50	3 3 0 7	Nueva Ecija	Cabanatuan City	Aduas Centro (Aduas)
	1	•		Isla (Pob.)
	·		Į.	Pagas
51	3 3 0 8	Nueva Edja	Cabanatuan City	San Roque Norte
		<u> </u>	1	Sangitan
52	3 3 0 9	Nueva Ecija	Cabanatuan City	Bantug Bulalo
				Caridad
				Dicarma (Pob.)
	1		1	Mabini Extension
1	1			Magsaysay South
				Maria Theresa
ļ		ļ		Padre Crisostomo
				Quezon District (Pob.)
				Villa Ofelia-Caridad
53	3 3 1 0	Nueva Ecija	Cabanatuan City	Bantug Norte
				Magsaysay District
<u></u>				Sangitan East
54	3 3 1 1	Nueva Ecija	Cabanatuan City	Bitas
55	3 3 1 2	Nueva Ecija	Cabanatuan City	Aduas Norte
1				Cruz Roja
1	1			Daang Sanle
L	1			Valdefuente

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(2)

No.	Zone No.	Province	Municiplaity	Barangay
56	3 3 1 3	Nueva Ecija	Cabanatuan City	Bagong Sikat
		•	1	Lagare
			!	Obrero
57	3 3 1 4	Nueva Ecija	Cabanatuan City	San Isldro
.		, , , , , , , , , , , , , , , , , , , ,		Valle Cruz
58	3 3 1 5	Nueva Ecija	Cabanatuan City	Bakero
	1			Bangad
1	Ì			Campo Tinio
	•		1	Lourdes (Matungai-tungal)
59	3 3 1 6	Nueva Ecija	Cabanatuan City	Cabu
``				Calawagan (Kalawagan)
	1	}	Ì	Communal
]		ŀ		Macatbong
1	Ļ			Pangatian
60	3 3 1 7	Nueva Ecija	Cabanatuan City	Bagong Buhay
l ~~	, , ,	, raora noja		Patelac
61	3 3 1 8	Nueva Ecija	Cabanatuan City	Kalikid Norte
~'	100.0	I I I I I I I I I I I I I I I I I I I		Kalikid Sur
62	2 2 1 0	Nueva Ecija	Cabanatuan City	Bakod Bayan
02	12,2,3	140644 Coja	Caba lataan on,	Mabini Homesite
1	<u> </u>	ļ .	1	Santa Arcadia
63	12 2 2 4	Nueva Ecija	Cabanatuan City	Sumacab Este
100	3320	IAnesa Cola	Cabanattanion	Sumacab South
64	3 3 2 1	Nueva Ecija	Cabanatuan City	Balite
04	3 3 2 1	INUEVA CUJA	Cabanattan City	Caalibangbangan
1	1			Caudillo
	İ			Cinco-Cinco
	1			Ibabao Bana
	1		ì	Palagay
	1			Pamaklan
	1			Politio
1	1	ļ		Samon
	ŀ	· ·		Santo Nino
1	Į.	Į.		Talipapa
	12 2 2 2	Nuovo Ecijo	Cabanatuan City	Barlis
65	3 3 2 2	Nueva Ecija	Capanatuan City	Buliran
1		ļ		Dalampang
	1			Mayapyap Norte
1	1		ŧ.	Mayapyap Sur
}				Pula
			,	Sapang
	1	N 5-#2	Cabiao	All Barangays
66		Nueva Ecija	Carrangian	All Barangays
67		Nueva Edja		All Barangays
		Nueva Ecija	Cuyapo	All Barangays
		Nueva Ecija	Gabaidon	San Nicolas
		Nueva Ecija	Gapan	San Vicente (Pob.)
71	13802	Nueva Ecija	Gapan	Joan Mente (FUU.)

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(3)

No.	Zone No.	Province	Municiplaity	Barangay
		Nueva Ecija	Gapan	Santo Nino
73	3 8 0 4	Nueva Ecija	Gapan	Pambuan
	'		1	San Lorenzo (Pob.)
74	3 8 0 5	Nueva Ecija	Gapan	Bayanihan
75	3 8 0 6	Nueva Ecija Nueva Ecija	Gapan	Mangino
		·	1	Puting Tubig
1				Santa Cruz
76	3 8 0 7	Nueva Ecija	Gapan	Balante
		·		Malimba
		j		Marelo
				Parcutela
				San Roque
!	ì		1	Santo Cristo Norte
•	1	,	i	Santo Cristo Sur
77	3 8 0 8	Nueva Ecija	Gapan	Bulak
1	1	ĺ	1	Bungo
İ		}	1	Kapalangan
l			i	Mabunga
1	1	j		Maburak
1]	Mahipon
1	.a 7	A Section of the sect		Makabaciay
78	3 9 0 0	Nueva Ecija	Nantividad	All Barangays
		Nueva Ecija	General Tino	Ali Barangays
		Nueva Ecija	Guimba	Ali Barangays
		Nueva Ecija	Jaen	All Barangays
82		Nueva Ecija	Laur	All Barangays
83		Nueva Ecija	Licab	All Barangays
		Nueva Ecija	Llanera	All Barangays
85	4600	Nueva Ecija	Lupao	All Barangays
86	4 7 0 1	Nueva Ecija	Munoz	Catalanacan
		·		Poblacion East
1	1	İ		Poblacion North
1	Į.			Poblacion South
1	i		<u> </u>	Poblacion West
87	4 7 0 2	Nueva Ecija	Munoz	Bical
1				Calisitan
		!		Franza
1	1	1		Linglingay
1	1			Mangandingay
1	1	1	:	Mapangpang
ĺ	1			Pandalla
i	1			Rang-ayan
	}			Rizal
				San Andres
1	1			San Felipe
1				Villa Isla
1				Villa Santos

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(4)

No.	Zone No.	Province	Municiplaity	Barangay
88	4703	Nueva Ecija	Munoz	Bagong Sikat
. 1	1	•		Balante
				Bantug
·				Cabisuculan
				Licaong
i				Magtanggol
				Maragol
				Sapang Cawayan
1				Villa Cuizon
80	4704	Nueva Ecija	Munoz	Calabalabaan
09	7,07	Tructa Loja	11101102	Curva
\ '		Ì		Gabaldon
				Labney
			{	Maligaya
1				Matingkis
1			ł	Naglabrahan
1		}		
•			İ	Palusapis
İ			1	San Antonio
<u> </u>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Villa Nati
		Nueva Ecija	Mapicuan	All Barangays
		Nueva Ecija	Panayan City	Ail Barangays
		Nueva Ecija	Pantabangan	All Barangays
		Nueva Ecija	Penaranda	All Barangays
94	5 2 0 0	Nueva Ecija	Qezon	All Barangays
		Nueva Ecija	Rizal	All Barangays
96	5 4 0 0	Nueva Ecija	San Antonio	All Barangays
97	5 5 0 1	Nueva Ecija	San Isidro	Malapit
				Poblacion
1	Į.			San Roque
1	i			Tabon
98	5 5 0 2	Nueva Ecija	San Isidro	Alua
1	ľ	1 .		Calaba
1	ł			Santo Cristo
99	5 5 0 3	Nueva Ecija	San Isidro	Mangga
"				Pulo
l l			1	Sub-Total
100	5 6 0 1	Nueva Ecija	San Jose City	Calaocan
		Nueva Ecija	San Jose City	Bagong Sikat
1'''	1000	1,10014 6.094		Canuto Ramos Pob. (District III)
	1			Kita-Kita
	1]	Manicia
1	j			Palestina
1	1			Pinili
			•	Porais
			1	Rafael Rueda, Sr. Pob. (District I)
				San Agustin
į.				San Juan
1	1			Sibut
1		•	· :	Tayabo
l		}		Villa Floresca
ı	<u> </u>	<u> </u>		Villa Marina

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(5)

110.	Zone No.	Province	Municiplaity	Barangay
102	5603	Nueva Ecija	San Jose City	Parang Mangga
				Raymundo Eugenio Pob. (District IV)
103	5 6 0 4	Nueva Ecija	San Jose City	Culaylay
				Dizol
				Ferdinand E. Marcos Pob. (District I
				Kaliwanagan
				San Mauricio
	1	}		Tondod
				Villa Joson (Parilla)
104	5605	Nueva Ecija	San Jose City	Abar 2nd
		[Abar Ist
	i .			Santo Nino 2nd□
				Santo Nino 3rd∃
				Tabulac
105	5606	Nueva Ecija	San Jose City	A. Pascual
		' }	·	Caanawan
	1			Camanacsacan
				Crisanto Sanchez Pob. (District V)
	1	1		Malasin
	l			Santo Nino 1st□
	1			Santo Tomas
	1	•		Sinipit Bubon
	1			Tulat
106	5 7 0 0	Nueva Ecija	San Leonardo	All Barangays
107	5 8 0 1	Nueva Ecija Nueva Ecija	Sta. Rosa	Aguinaldo
, ,	1, , ,			Burgos
	ł		•	Mabini
	1	ļ		San Gregorio
	ì			Tramo
108	5 8 0 2	Nueva Ecija	Sta. Rosa	San Mariano
l' ^{\\\}	1002	110010 Edje	<u> </u>	Zamora (Pob.)
109	5 0 0 2	Nueva Ecija	Sta. Rosa	Berang
109	12 0 0 2	Nucya Loja	O(2. 11000	Inspector
1				Isla
i	1	ł		La Fuente
1	l.	1		
i	1			Logides
1	Į.		ļ	Maliolio
l	1		1	Rajal Centro
l				Rajal Norte
1	1			Rajai Sur
ı			1	San Isidro
1				San Josep
1			,	San Pedro
1				Santa Teresita
	1			Santo Rosario
1			:	Sapsap
110	1500	Nueva Ecija	Sta. Rosa	Cojuangco (Pob.)
1130	12004	i jivucva CUja	Sola. INUSE	Del Pilar
	1			
1		• •		Gornez
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Liwayway
ŀ	1	<u> </u>		Luna

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(6)

No.	Zone No.	Province	Municiplaity	Barangay
10	5 8 0 4	Nueva Ecija	Sta. Rosa	Malacanag
		•		Mapalad
			ì	Rizal (Pob.)
				Soledad
	,		,	Tagpos
			ĺ	Valenzuela (Pob.)
444	E 0 0 1	Nueva Ecija	Sto. Domongo	Buasao
111	2 8 0 1	ivueva Euja	Gto. Domongo	Cabugao
	1		1	Concepcion
	ļ.		ļ	Dolores
	l			Hulo
	1			Malasin
				Malaya (Pook Malaya)
	l .		l l	Mambarao
	1			Poblacion
	}			Pulong Buli
				Sagaba
	}			San Agustin
				San Fabian
				San Pascual
				Santa Rita
112	5 9 0 2	Nueva Ecija	Sto. Domongo	Baloc
				Burgos
	1		Į	Casulucan
	1	ł		Comitang
ĺ			· ·	General Luna
	1			Mabini
	l	į.		Malayantoc
	1			San Francisco
	1			Santo Rosario
113	6 0 0 1	Nueva Ecija	Talavera	Esguerra District (Pob.)
` ` `	1			Maestrang Kikay (Pob.)
İ				Marcos District (Pob.)
1	1			Pag-asa (Pob.)
	. [Poblacion Sur
1				Purok Matias (Pob.)
114	6002	Nueva Ecija	Talavera	Baluga
l'''			. .	Bantug
1				Dinarayat
Į	1			La Torre
	j	1		Mamandil
	1			Pinagpanaan
1			· •	San Miguel Na Munti
445	6000	Nueva Ecija	Talavera	Bagong Sikat
Fire	lo o o	O INDENA EDIA	1 digaeta	Dimasalang Norte
1				Dimasalang Sur
1				Gulod
•				
	1			Homestead I

ZONIING FOR ADMINISTRATIVE DIVISION FOR NUEVA ECIJA PROVINCE(7)

No.	Zone No.			Province	Municiplaity	Barangay	
115	6	0	0	3	Nueva Ecija	Talavera	Homestead II
	ı				-		Minabuyoc
	1						Paludpod
	l						Pula
						ļ	Sampaloc
l i							San Ricardo
116	6	0	0	4	Nueva Ecija	Talavera	Andal Alino (Pob.)
[Bagong Silang
	l						Bantug Haclenda
							Bantug Hamog (Basang Hamog)
						İ	Bugtong na Buli
	l				•	1	Bulac
1	ı					Į	Burnay
	l					İ	Caaniplahan
ŀ	l						Cabubulaonan
ł	ļ						Calipahan
]	1						Campos
l	ı					ļ	Caputican
l	l						Casulucan Este
Į.	l					· ·	Collado
1	ı						Kinalanguyan
l	l						Lomboy
1	ı						Mabuhay
]	1						Pantoc Bulac
	1					1	Pulong San Miguel (Pob.)
					1		San Pascual
ŀ	l					1	Sibul
						1	Sicsican Matanda
l l	ŀ					Į.	Tabacao
I							Tagaytay
							Valle
1	1						Bakal I
1	1						Bakai ii
						}	Bakal III
	Ĺ				1_	.1.	Matingkis
					Nueva Ecija	Talgutug	All Barangays
118	6	2	0	0	Nueva Ecija	Zaragosa	All Barangays

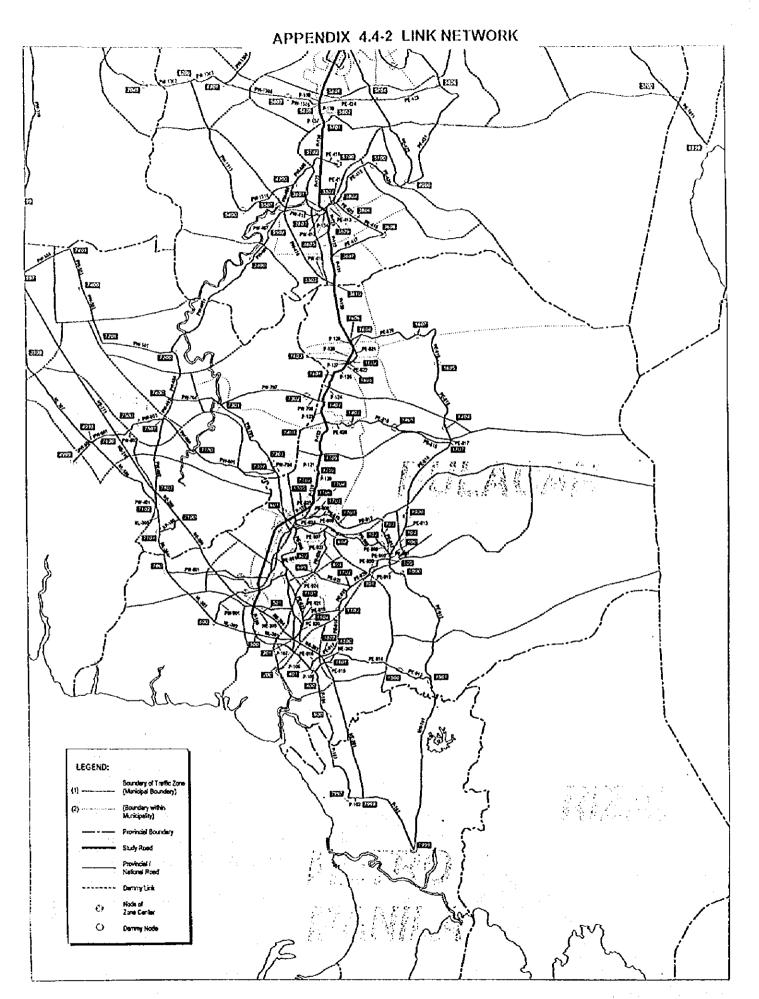
ZONIING FOR ADMINISTRATIVE DIVISION FOR PAMPANGA PROVINCE AND OTHER AREAS(1)

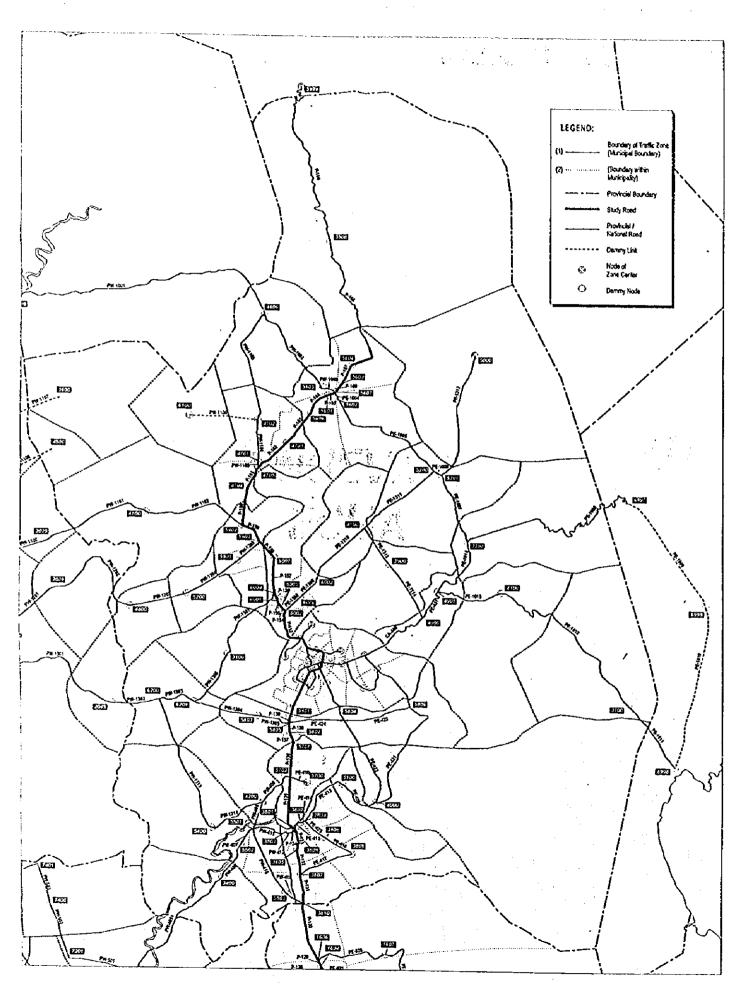
No.	Zone No.	,Region/Province	Municiplaity	Barangay
119	7100	Pampanga	San Simon	All Barangays
		, ,	Apalit	All Barangays
120	7200	Pampanga	Arayat	All Barangays
121	7301	Pampanga	Candaba	Buas (Pob.)
		, ,		Gulap
				Lanang
				Mandasig
	'			Paralaya (Pob.)
				Pasig
!	1			Pescadores (Pob.)
				San Agustin (Pob.)
122	7302	Pampanga	Candaba	Barangca
				Cuayang Bugtong
	Ì	İ		Lourdes
	l			Magumbali
ŀ				Mandili
l	Į.			Mapaniqui
1		ļ		Pangdara
ŀ				Pansinao
Ì	İ			Pulong Gubat
l	ŀ			Salapungan
1	1			Santo Rosario
*				Tagulod
123	7303	Pampanga	Candaba	Bahay Pare
ŀ	1	. •		Bambang
i	•	!		Barit
				Dalayap
1				Dulong Ilog
	ì			Mangga
				Paligui
	1			Pulong Palazan
1	1			Talang
	1			Tenejero
	1			Vizal San Pablo
	l			Vizal Santo Cristo
1	1		!	Vizal Santo Nino
124	7400	Pampanga	Magalang	All Barangays
		Pampanga	Mexico	All Barangays
-	_	Pampanga	San Fernando	All Barangays
		Pampanga	San Luis	All Barangays
		Pampanga	Sta Ana	All Barangays
		Luzon North West		All Barangays
	02019		Other tarlac	All Barangays
	12029		Pura	All Barangays
	22039		Victoria	All Barangays
	3 2 0 4		Lapaz	All Barangays

ZONIING FOR ADMINISTRATIVE DIVISION FOR PAMPANGA PROVINCE AND OTHER AREAS(2)

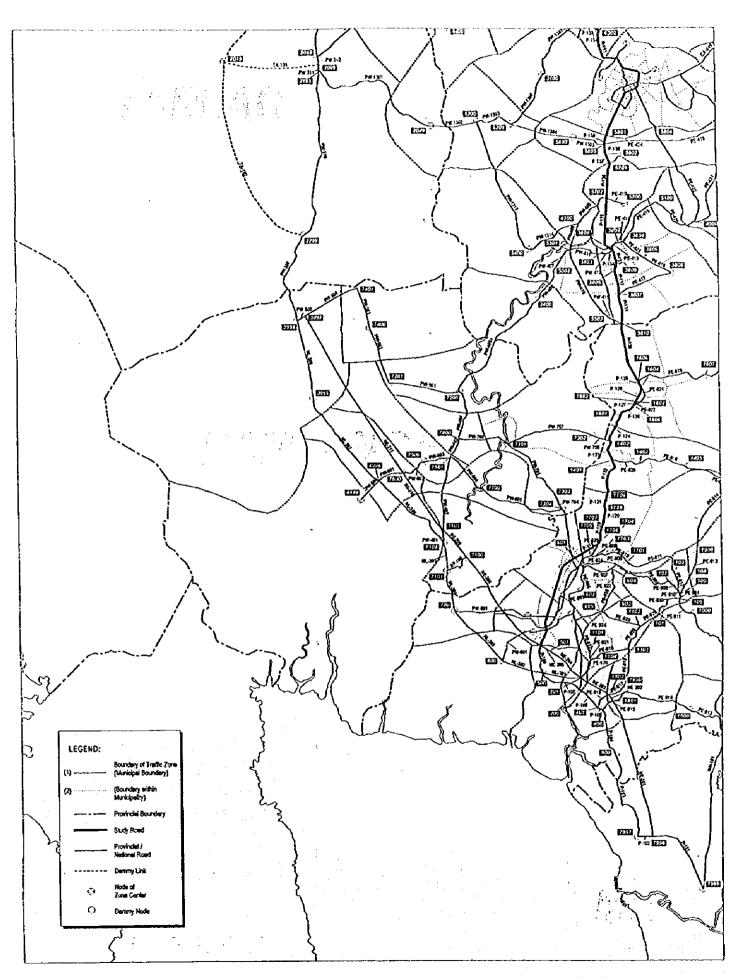
No.	Zone No.	Region/Province	Municiplaity	Barangay
134	3999	Pampanga	Mabalakat	All Barangays
			Angeles City	All Barangays
	l		Porac	All Barangays
		Zambales	All Provinces	All Barangays
135	4999	Pampanga	Floridabianca	All Barangays
			Lubao	All Barangays
			Sasumuan	All Barangays
	1		Masantol	Ail Barangays
			Guagua	All Barangays
:			Minalin	All Barangays
i			Sto Tomas	All Barangays
			Bacolor	All Barangays
			Macabebe	All Barangays
	1		Sta Rita	All Barangays
	1	Bataan	All Provinces	All Barangays
136	5 9 9 9	Luzon North East	All Provinces	All Barangays
137	6999	Aurora	All Provinces	All Barangays
138	7999	NCR & Rergion IV	All Provinces	All Barangays

Note: OD matrices was actually prepared not for 138 zones but for 137 zones, by integrating zone 41 (Bulacan/Dona Remedios Trinidad) with zone 1 (Bulacan)/Angat and renumbering zone 42 to 138 shifting their numbers downward by minus one.

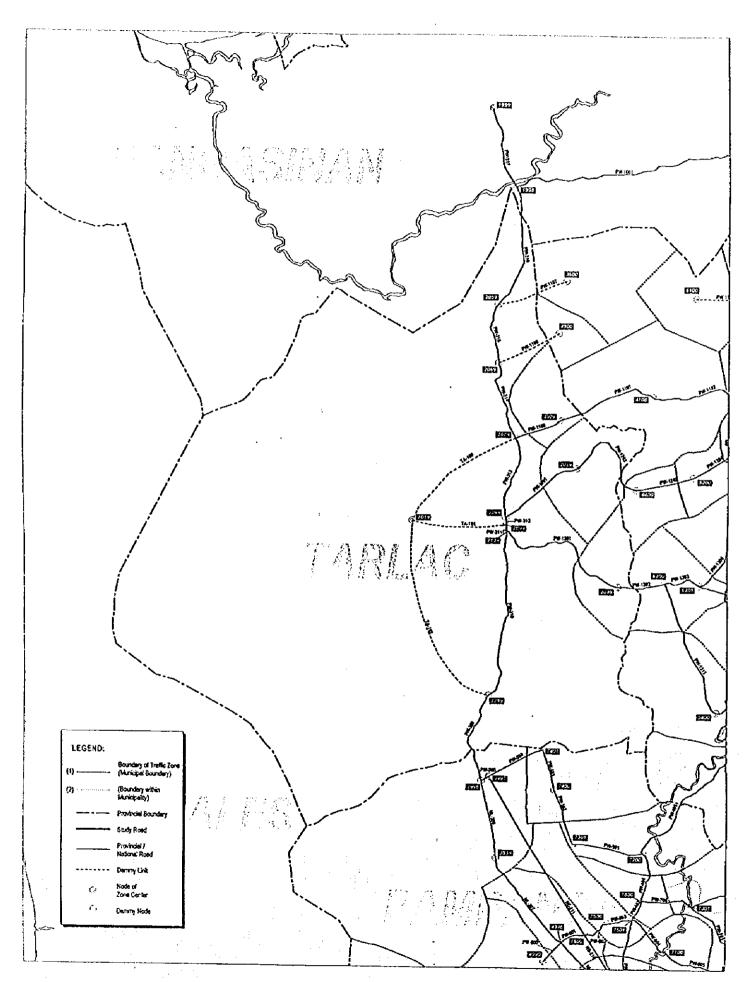




MAP FOR ZONING & LINKNETWORK FOR NUEVA ECIJA PROVINCE A4-48

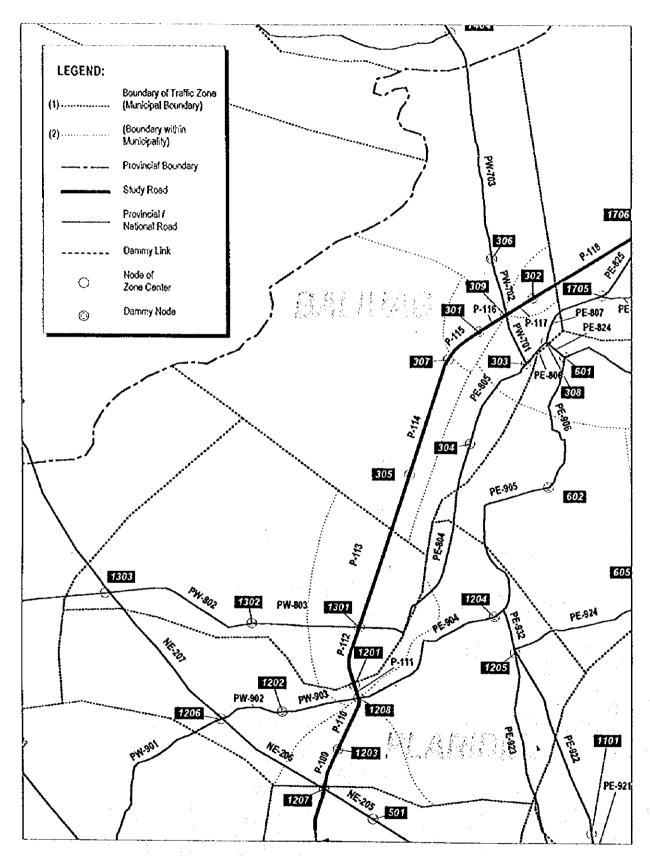


MAP FOR ZONING & LINKNETWORK FOR PAMPANGA PROVINCE



MAP FOR ZONING & LINKNETWORK FOR TARLAC PROVINCE

MAP ZONING AND LINK NETWORK FOR CABANATUAN CITY



MAP ZONING AND LINK NETWORK FOR BALIUAG & PLARIDEL