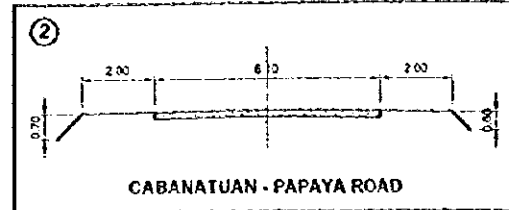
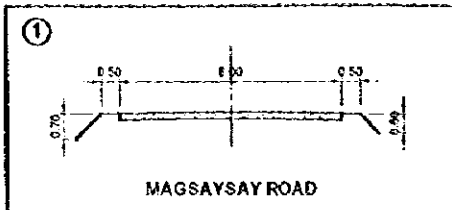


THE FEASIBILITY STUDY ON INTER-URBAN HIGHWAY SYSTEM ALONG
THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL-SAN JOSE SECTION)

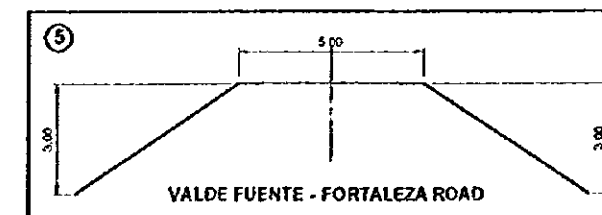
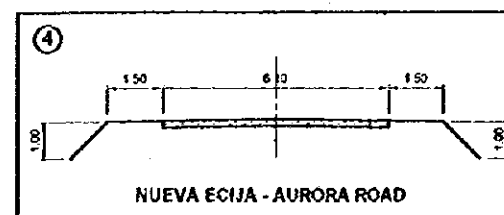
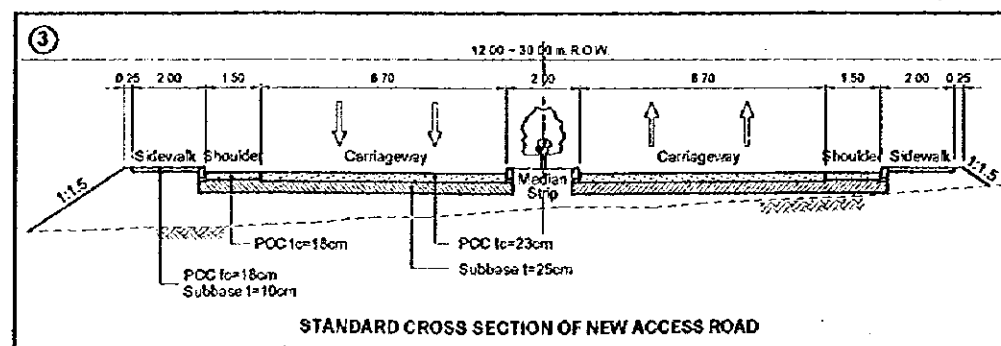
SCALE :
PLAN. 1:40000
SECT. 1:100

CABANATUAN BYPASS
ACCESS ROADS

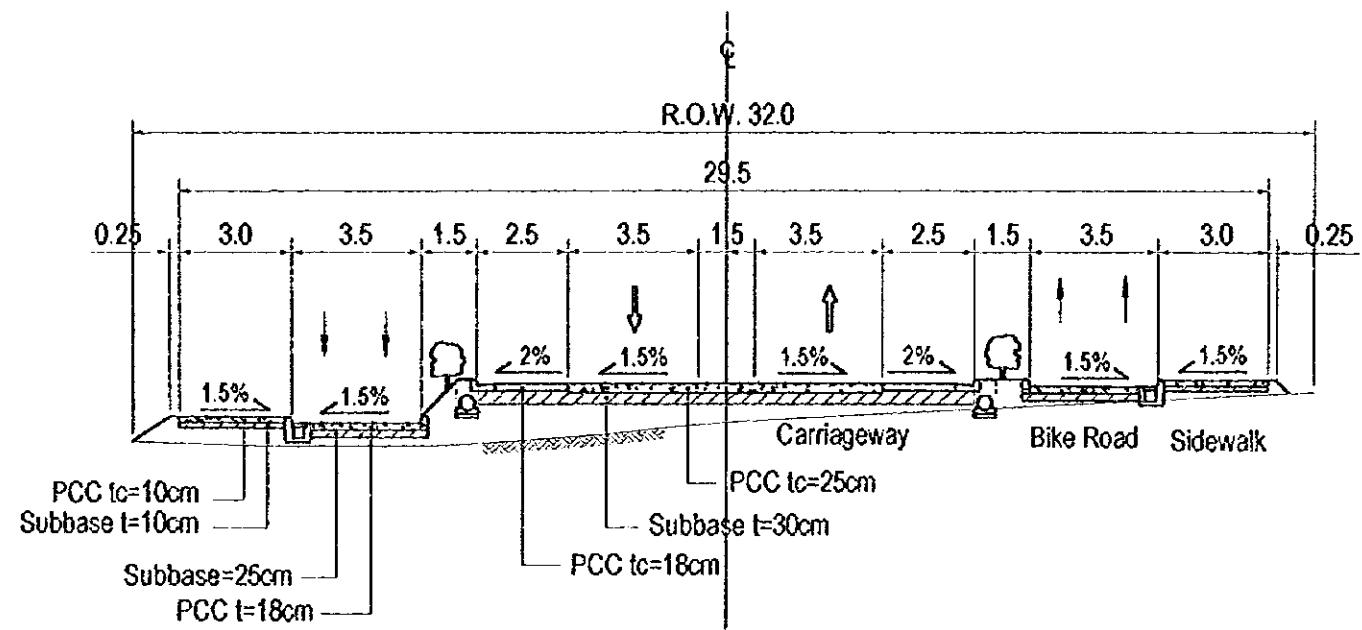
DRAWING NO.
57/68



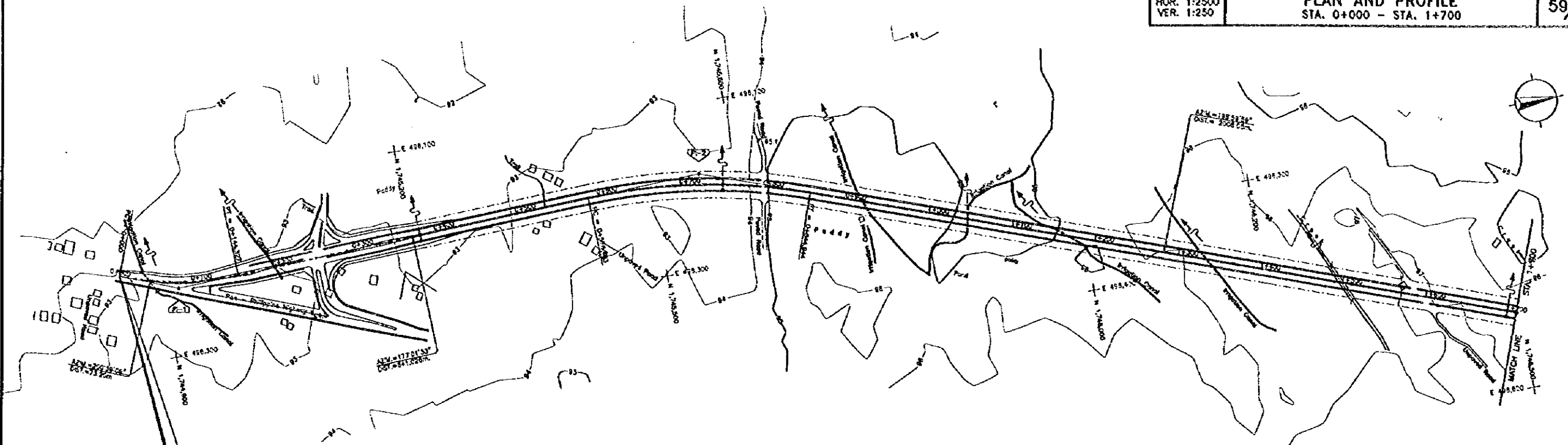
LIST OF ACCESS ROAD						
ROAD NO.	ROAD NAME	LENGTH (km)	WIDTH (m)	NO. OF LANE	PAVEMENT TYPE	REMARKS
①	MAGSAYSAY ROAD	3.10	7.0	2	PCC	PROVINCIAL ROAD
②	CABANATUAN - PAPAYA ROAD	1.80	10.1	2	PCC	PROVINCIAL ROAD
③	NEW ACCESS ROAD	2.98	22.4	4	PCC	IMPROVED RD. L=0.58Km.
④	NUEVA ECUA - AURORA ROAD	2.05	9.1	2	ASPHALT	NATIONAL ROAD
⑤	VALDE FUENTE - FORTALEZA ROAD	3.33	5.0	2	GRAVEL	PROVINCIAL ROAD



THE FEASIBILITY STUDY ON INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL-SAN JOSE SECTION)		
SCALE :	SAN JOSE BYPASS	DRAWING NO.
1:200	STANDARD CROSS SECTIONS	58/68

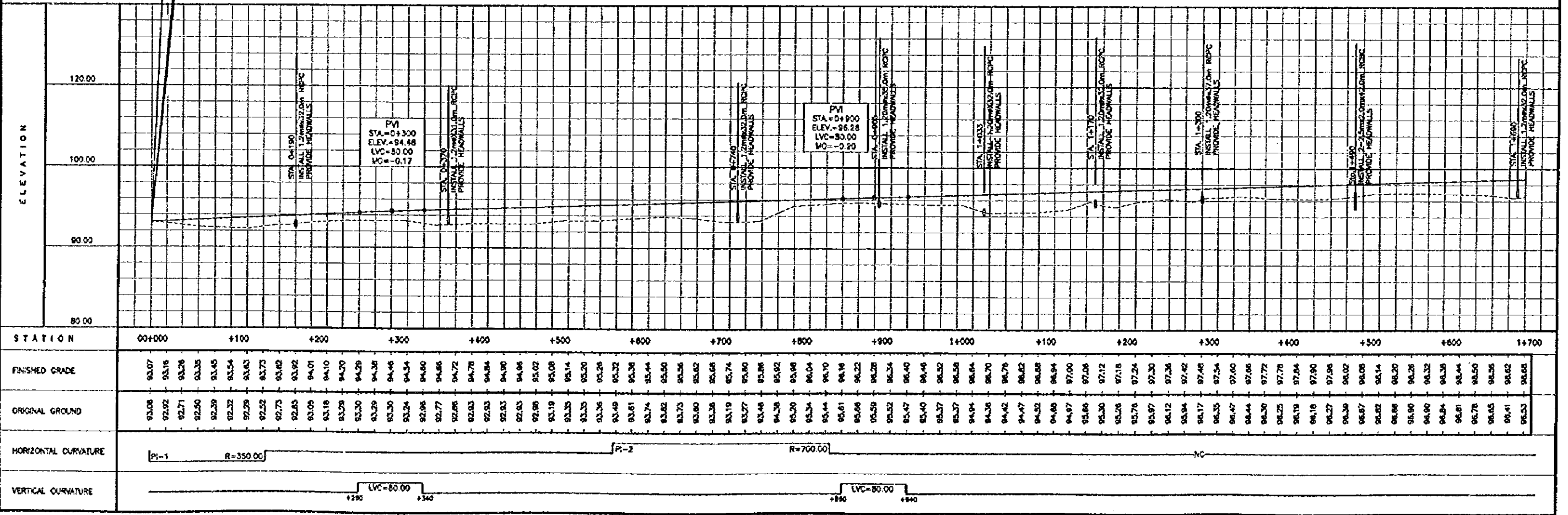


STANDARD CROSS SECTION
SAN JOSE BYPASS (Special Type)

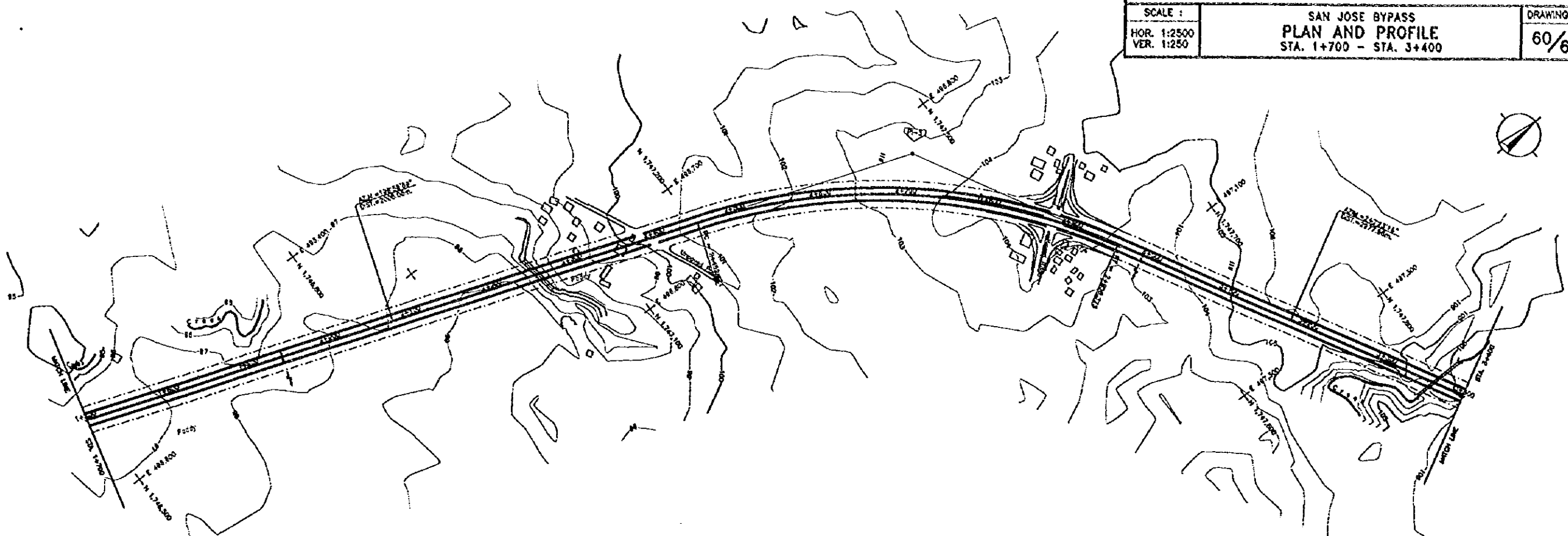


START OF SAN JOSE BYPASS
 STA. 00+000.00
 N = 1,744,847.84
 E = 465,192.81
 ELEV = 93.08

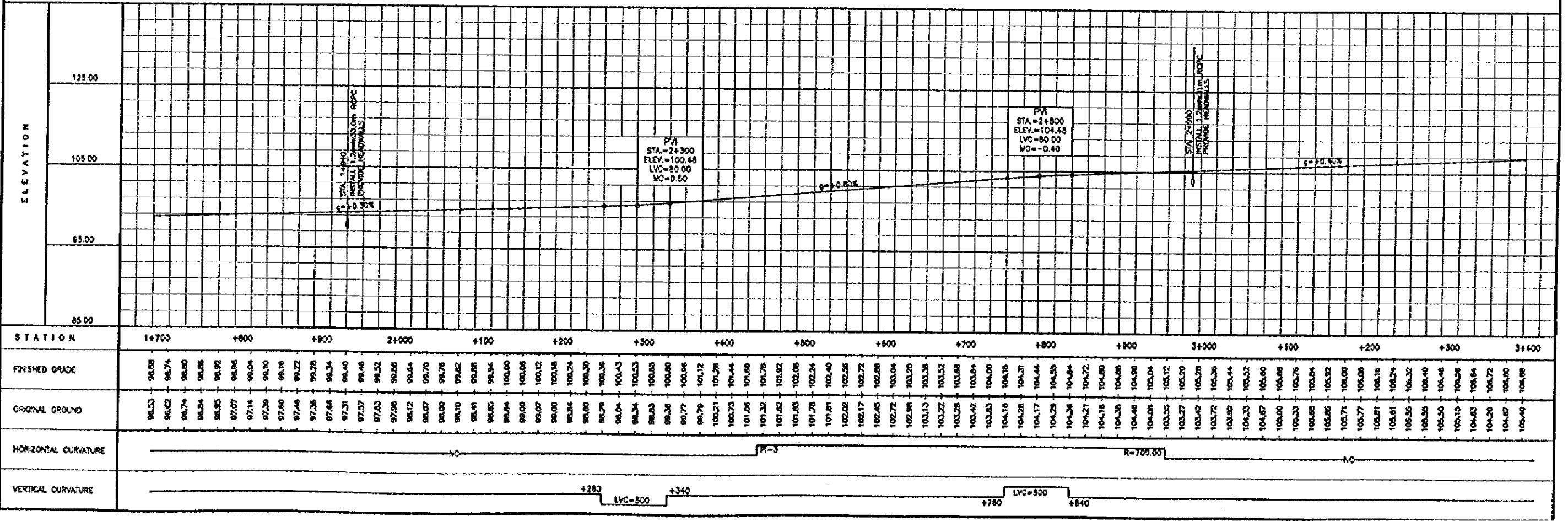
P.I. NO.	STATION	COORDINATES OF P.I.		I	R	T	Lc	Ea
		NORTHING	EASTING					
P-1	0+273.32	1,744,818.14	482,219.73	(-27° 37' 34")	350.00	33.20	144.33	7.97
P-2	0+718.38	1,748,526.84	481,182.48	21° 06' 26"	700.00	136.83	290.48	13.07



STATION	00+000	+100	+200	+300	+400	+500	+600	+700	+800	+900	+1000	+1100	+1200	+1300	+1400	+1500	+1600	+1700																																																																																											
FINISHED GRADE	93.07	93.16	93.26	93.35	93.45	93.54	93.63	93.73	93.82	93.92	94.01	94.10	94.20	94.29	94.38	94.46	94.54	94.60	94.66	94.72	94.78	94.84	94.89	94.95	95.02	95.08	95.14	95.20	95.26	95.32	95.38	95.44	95.50	95.56	95.62	95.68	95.74	95.80	95.86	95.92	95.98	96.04	96.10	96.16	96.22	96.28	96.34	96.40	96.46	96.52	96.58	96.64	96.70	96.76	96.82	96.88	96.94	97.00	97.06	97.12	97.18	97.24	97.30	97.36	97.42	97.48	97.54	97.60	97.66	97.72	97.78	97.84	97.90	97.96	98.02	98.08	98.14	98.20	98.26	98.32	98.38	98.44	98.50	98.56	98.62	98.68	98.74	98.80	98.86	98.92	98.98	99.04	99.10	99.16	99.22	99.28	99.34	99.40	99.46	99.52	99.58	99.64	99.70	99.76	99.82	99.88	99.94	99.98	
ORIGINAL GROUND	93.08	92.92	92.71	92.50	92.29	92.32	92.63	92.52	92.73	92.83	93.09	93.18	93.28	94.20	94.29	94.38	94.46	94.54	94.60	94.66	94.72	94.78	94.84	94.89	94.95	95.02	95.08	95.14	95.20	95.26	95.32	95.38	95.44	95.50	95.56	95.62	95.68	95.74	95.80	95.86	95.92	95.98	96.04	96.10	96.16	96.22	96.28	96.34	96.40	96.46	96.52	96.58	96.64	96.70	96.76	96.82	96.88	96.94	97.00	97.06	97.12	97.18	97.24	97.30	97.36	97.42	97.48	97.54	97.60	97.66	97.72	97.78	97.84	97.90	97.96	98.02	98.08	98.14	98.20	98.26	98.32	98.38	98.44	98.50	98.56	98.62	98.68	98.74	98.80	98.86	98.92	98.98	99.04	99.10	99.16	99.22	99.28	99.34	99.40	99.46	99.52	99.58	99.64	99.70	99.76	99.82	99.88	99.94	99.98
HORIZONTAL CURVATURE	P1-1		R=350.00				P1-2				R=700.00				NC																																																																																														
VERTICAL CURVATURE			LVC=80.00								LVC=90.00																																																																																																		



ELEMENTS OF CURVE								
P.I. NO.	STATION	COORDINATES OF P.I.		I	R	T	Lc	Ea
		NORTHING	EASTING					
P-3	2+317.10	1,747,468.18	488,838.81	41° 33' 18"	700.00	284.43	309.86	48.28

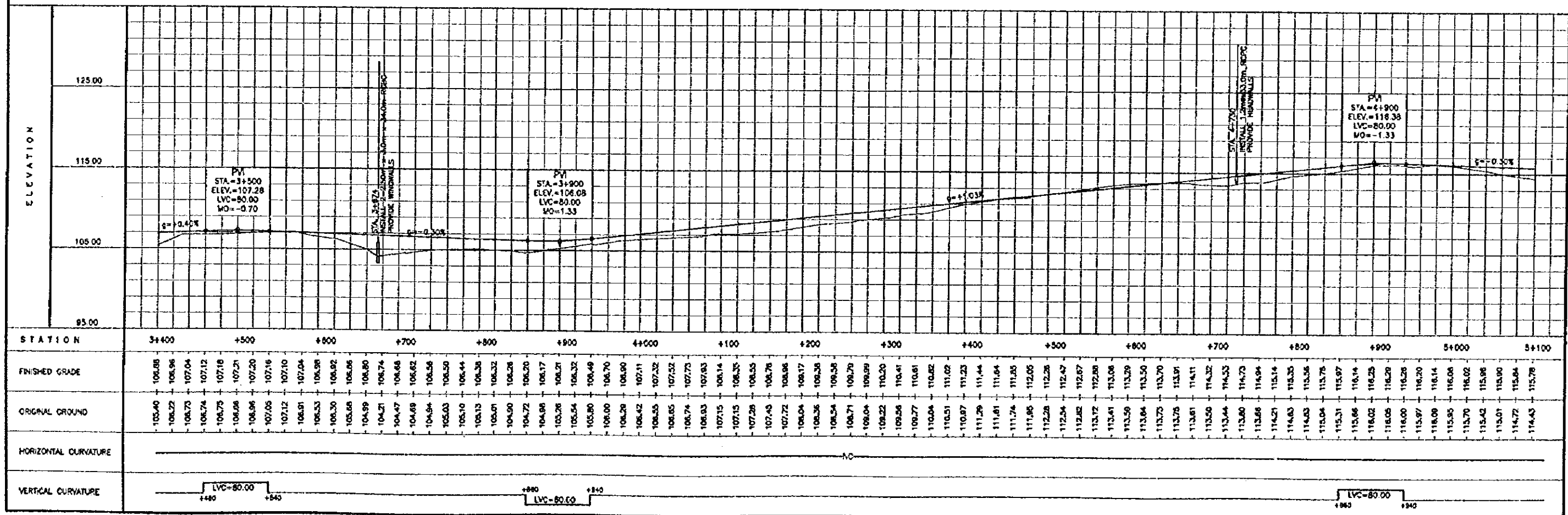
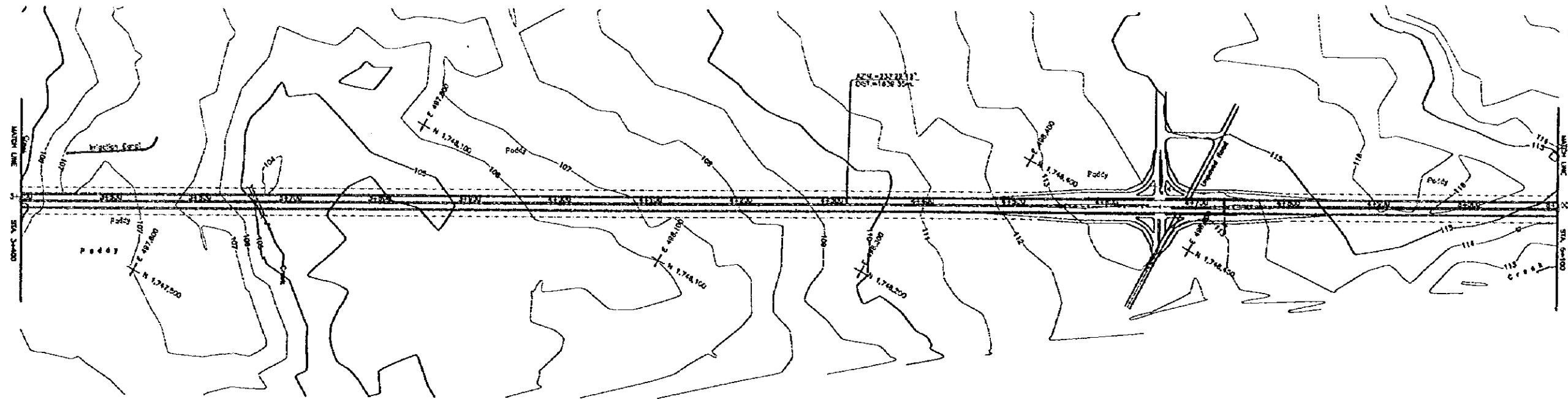


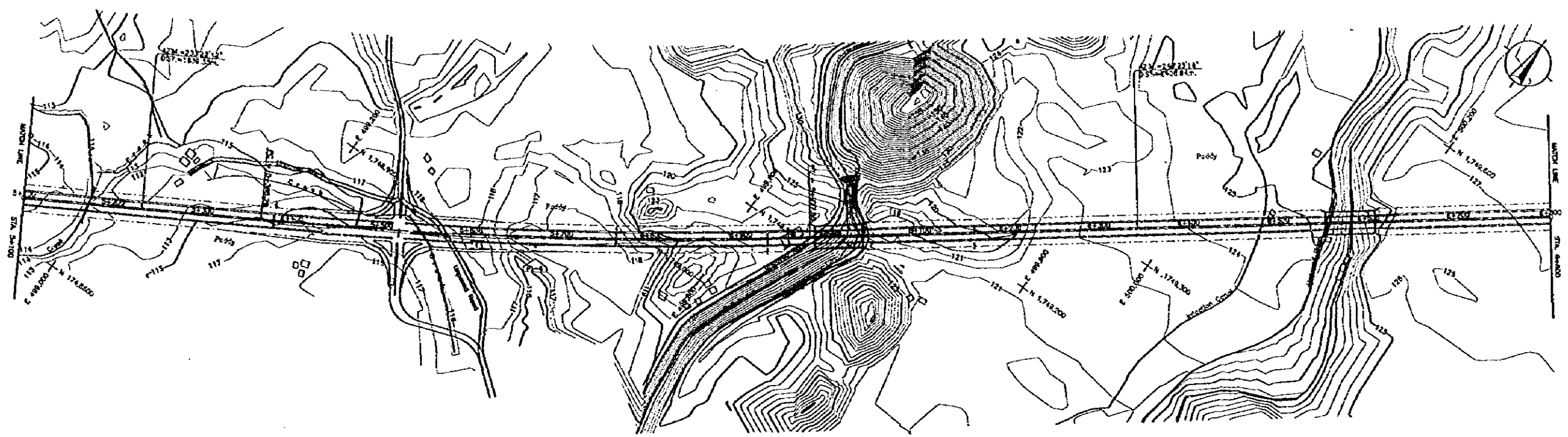
THE FEASIBILITY STUDY ON INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARDEL-SAN JOSE SECTION)

SCALE :
HOR. 1:2500
VER. 1:250

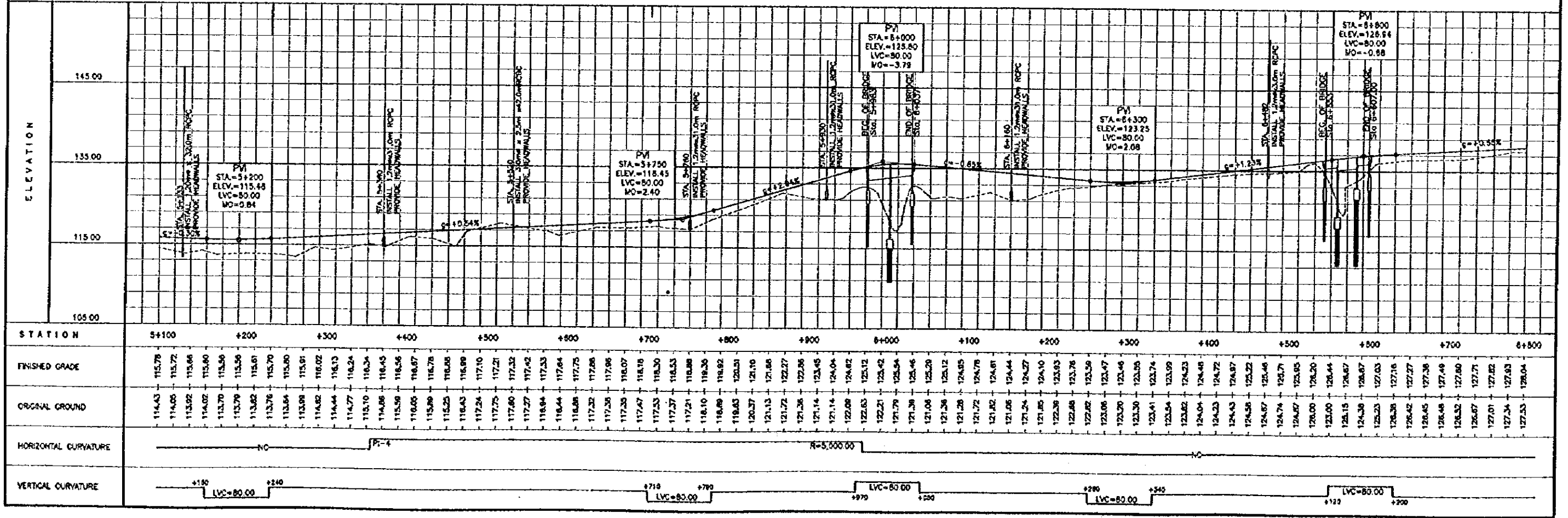
SAN JOSE BYPASS
PLAN AND PROFILE
STA. 3+400 - STA. 5+100

DRAWING NO.
61/68





ELEMENTS OF CURVE								
P.L. NO.	STATION	COORDINATES OF P.I.		I	R	T	Le	E _p
		NORTHING	EASTING					
PI-1	5+471.86	1,748,828.66	489,428.33	67° 01' 04"	5000.00	328.58	812.82	8.36



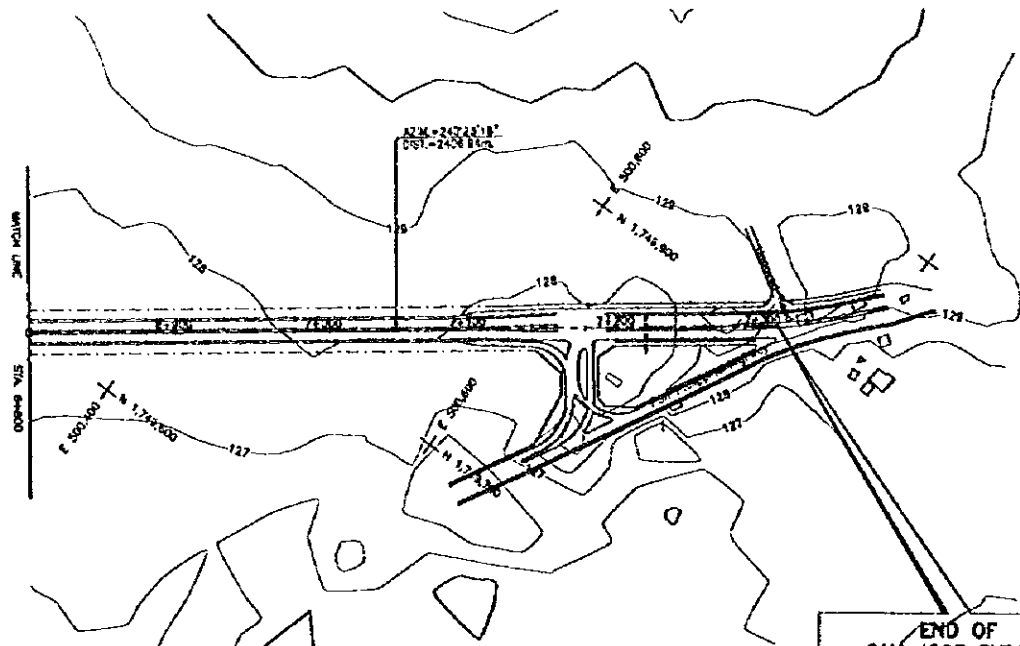
THE FEASIBILITY STUDY ON INTER-URBAN HIGHWAY SYSTEM ALONG
THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL-SAN JOSE SECTION)

SCALE :
HOR. 1:2500
VER. 1:250

SAN JOSE BYPASS
PLAN AND PROFILE
STA. 6+800 - STA. 7+310.44

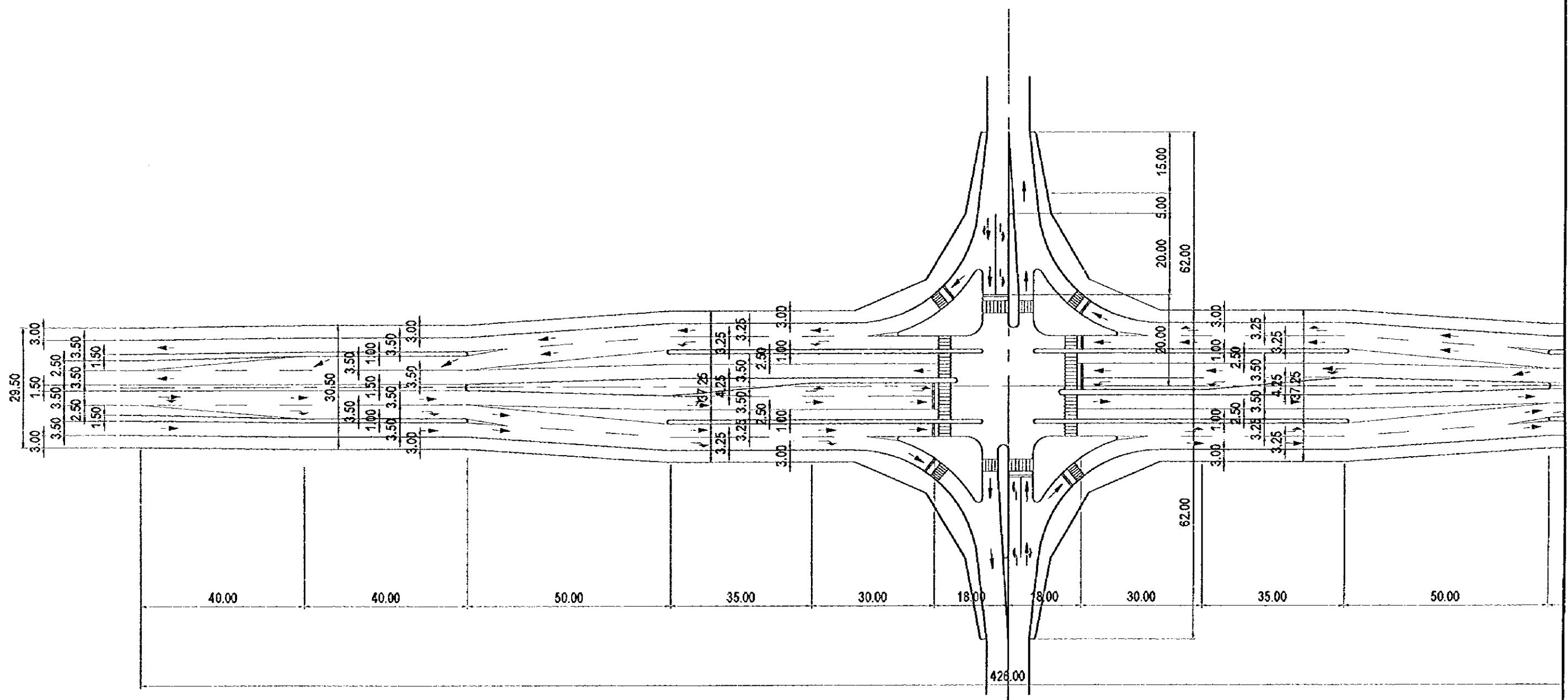
DRAWING NO.

63/68



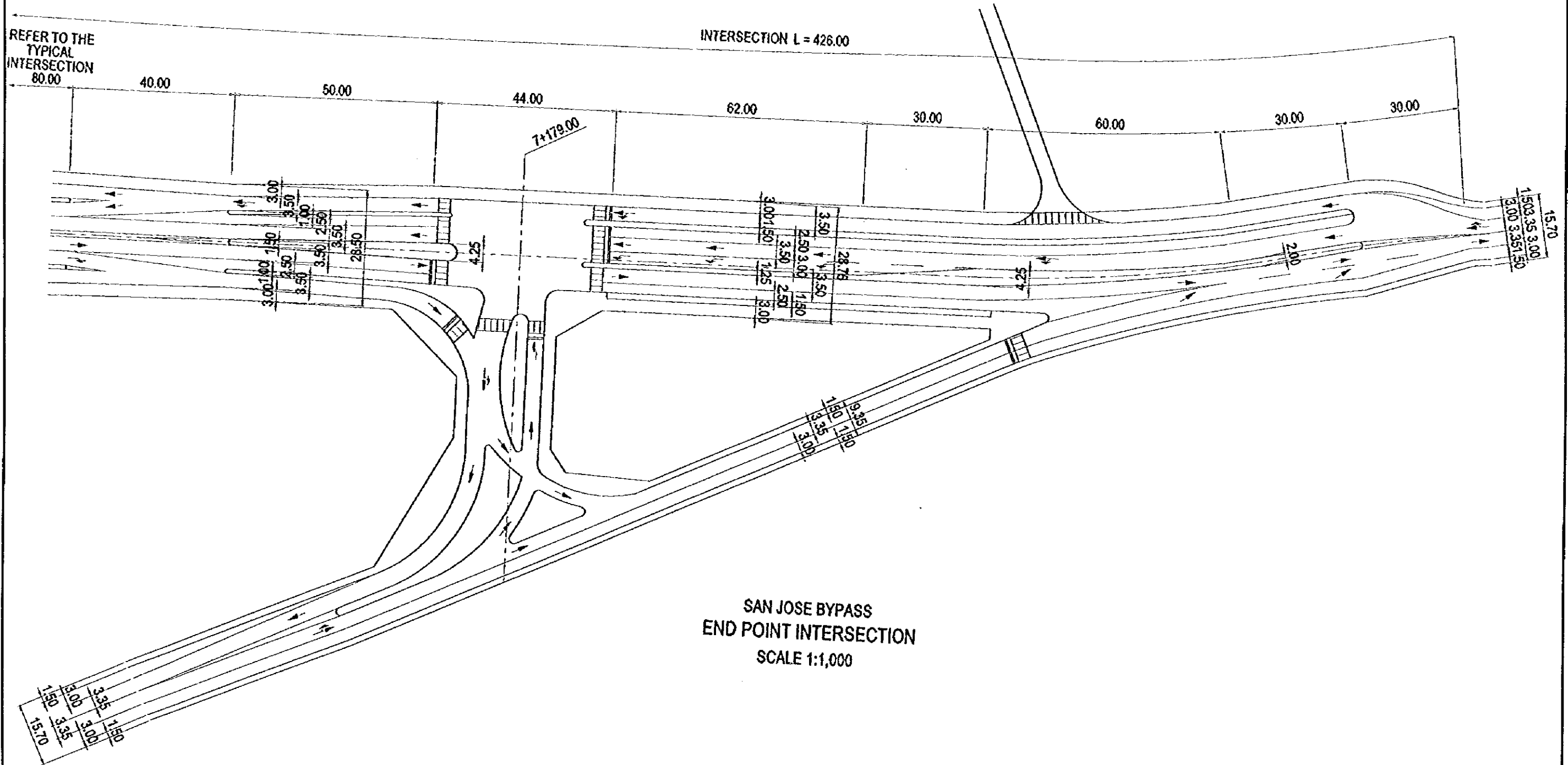
END OF
SAN JOSE BYPASS
STA. 7+310.44
N = 1,749,804.79
E = 500,743.81
ELEV.=125.10

ELEVATION	STATION																	
	6+800	+900	7+000	+100	+200	+300	+400	+500	+600	+700	+800	+900	+1000	+1100	+1200	+1300	+1400	00+000
140.00																		
130.00																		
120.00																		
110.00																		
FINISHED GRADE	126.04	126.15	126.26	126.37	126.48	126.59	126.70	126.81	126.92	127.03	127.14	127.25	127.36	127.47	127.58	127.69	127.80	127.91
ORIGINAL GROUND	127.53	127.52	127.53	127.53	127.54	127.55	127.56	127.57	127.58	127.59	127.60	127.61	127.62	127.63	127.64	127.65	127.66	127.67
HORIZONTAL CURVATURE	NO																	
VERTICAL CURVATURE	LVC=80.00 +100 +140																	



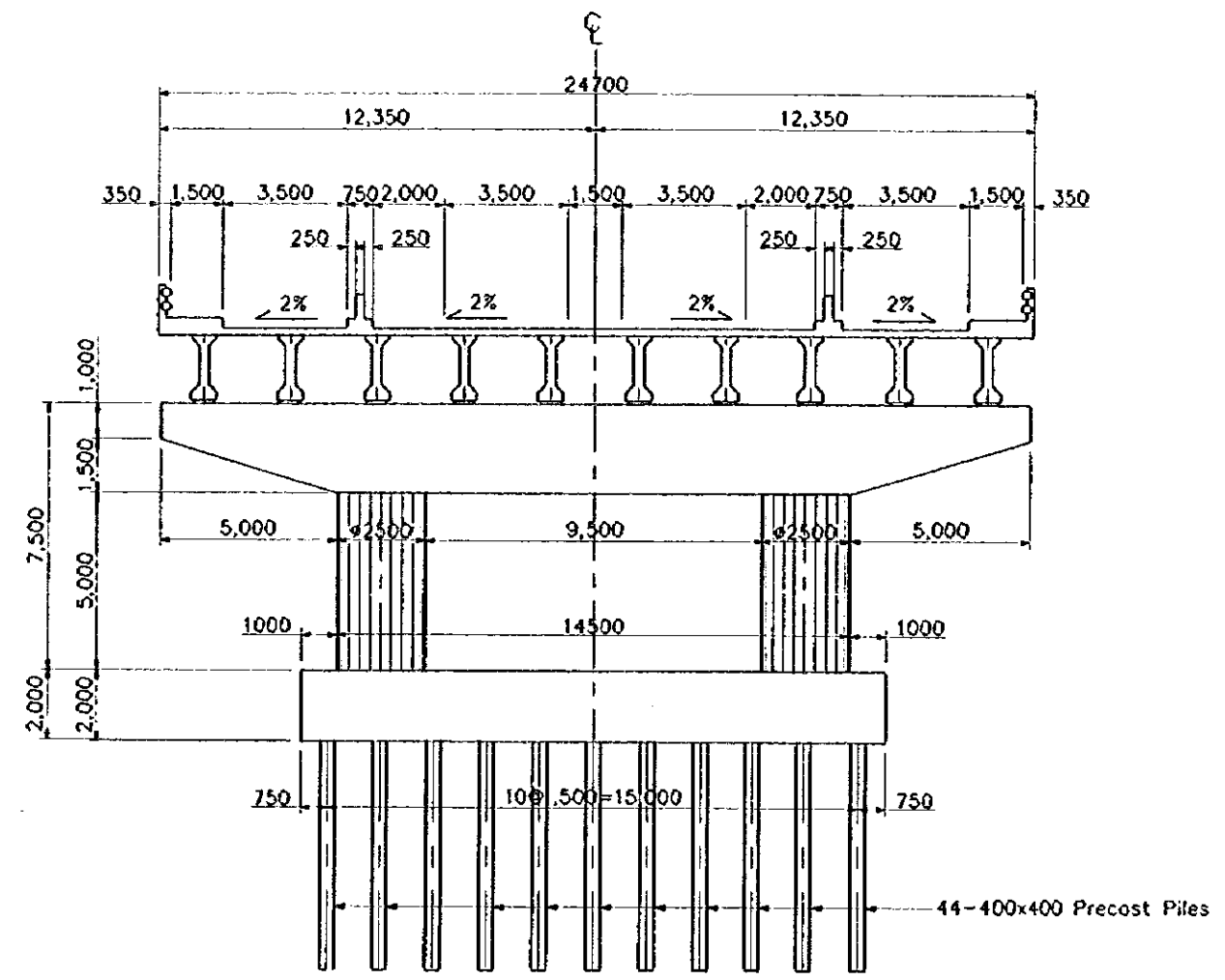
SAN JOSE BYPASS
TYPICAL INTERSECTION
SCALE 1:1,000

THE FEASIBILITY STUDY ON INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY (STA. RITA, PLARIDEL-SAN JOSE SECTION)		
SCALE:	SAN JOSE BYPASS	DRAWING NO.
1:1000	END POINT INTERSECTION	66 / 68

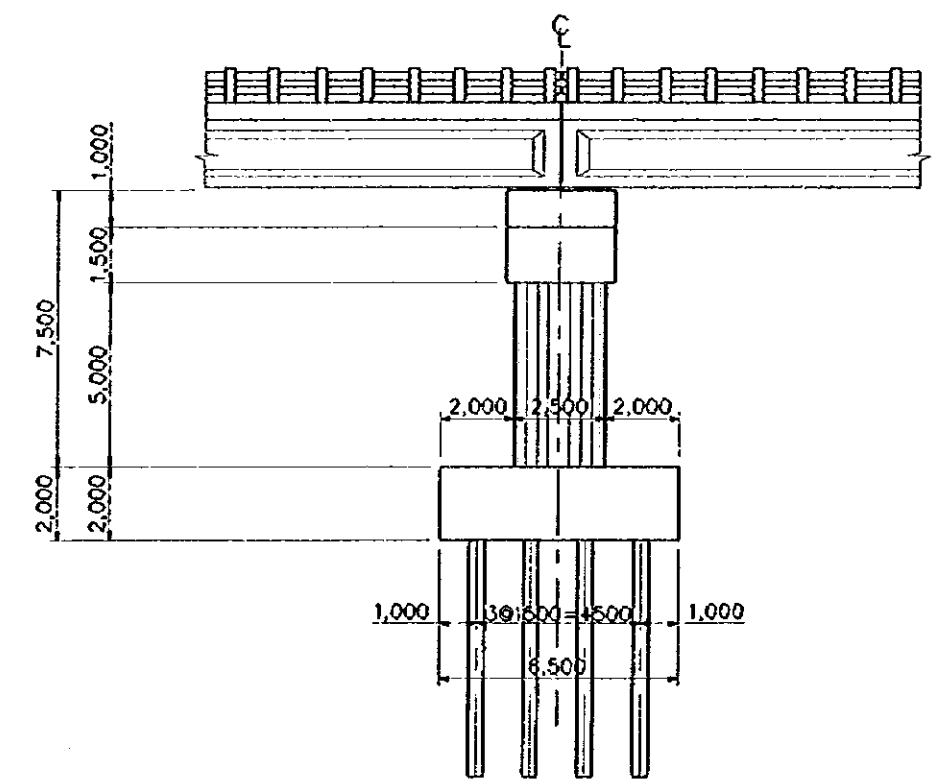


SAN JOSE BYPASS
END POINT INTERSECTION
SCALE 1:1,000

A FEASIBILITY STUDY ON UPGRADING OF INTER-URBAN HIGHWAY SYSTEM ALONG THE PAN-PHILIPPINE HIGHWAY		
SCALE	TYPICAL CROSS SECTION OF BRIDGES IN SAN JOSE BYPASS	DRAWING NO.
1:200		67/68

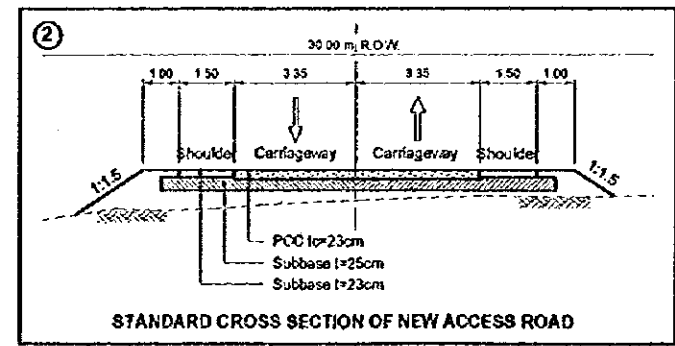
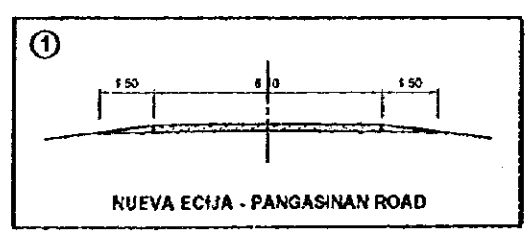
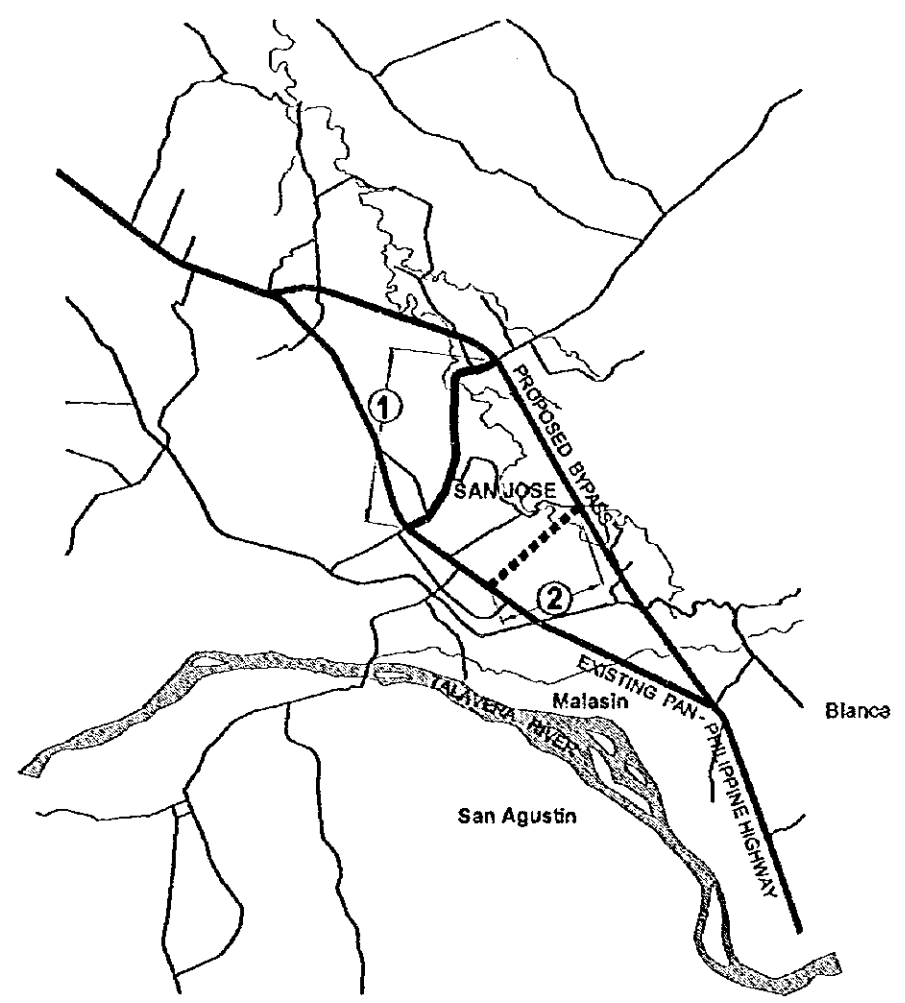


CROSS SECTION @ SUPPORT
SCALE 1:200



SIDE VIEW
SCALE 1:200

LIST OF ACCESS ROAD						
ROAD NO.	ROAD NAME	LENGTH (km)	WIDTH (m)	NO. OF LANE	PAVEMENT TYPE	REMARKS
①	NUEVA ECJA - PANGASINAN ROAD	225	9.1	2	PCC	NATIONAL ROAD
②	NEW ACCESS ROAD	127	9.7	2	PCC	



JICA