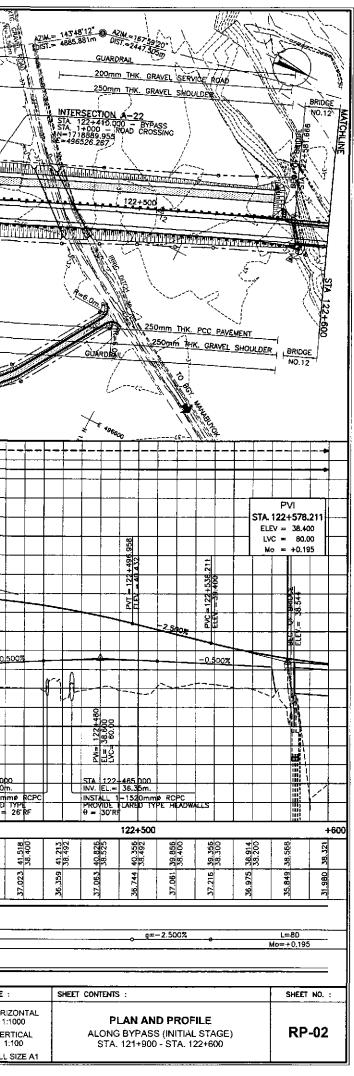
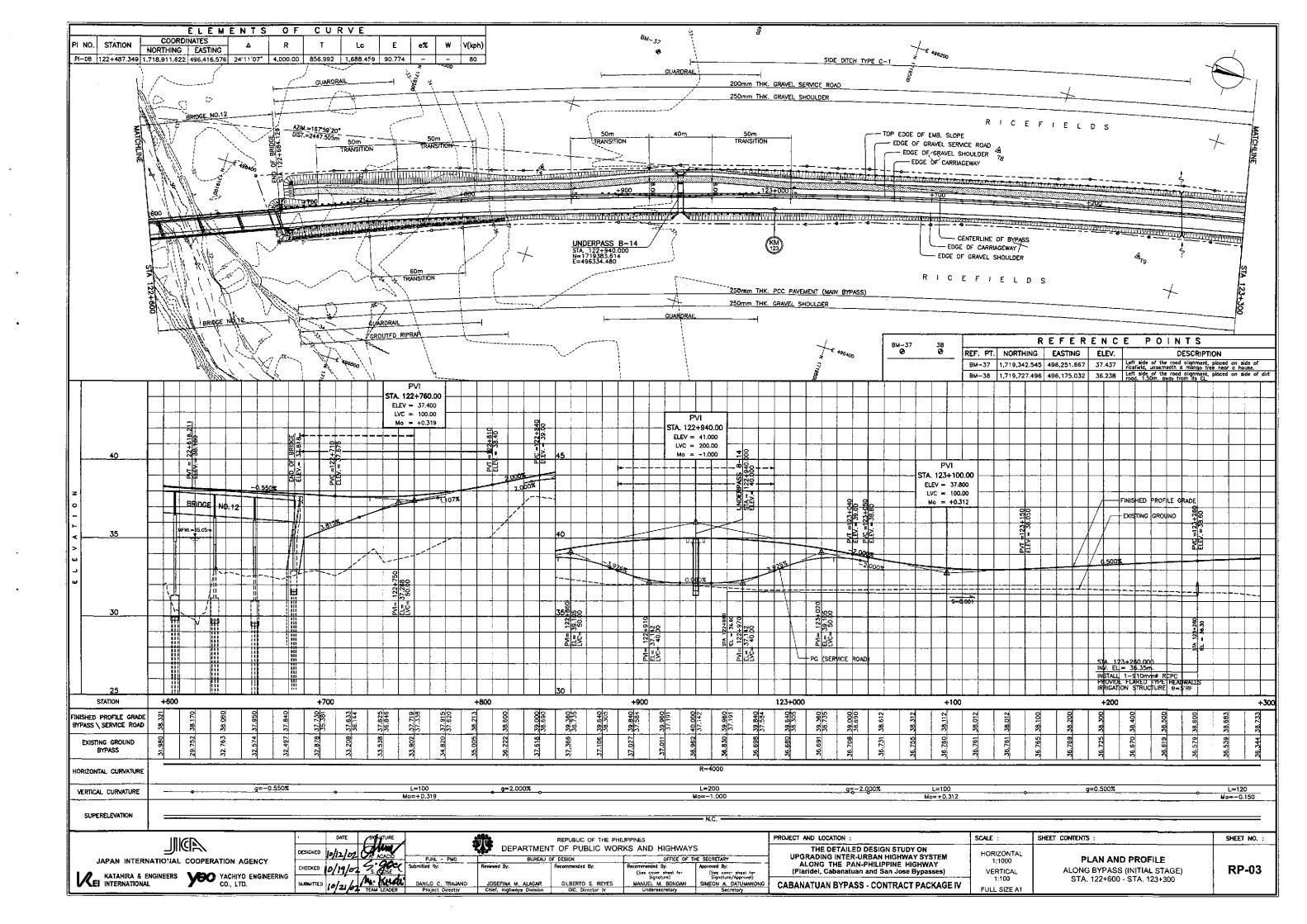
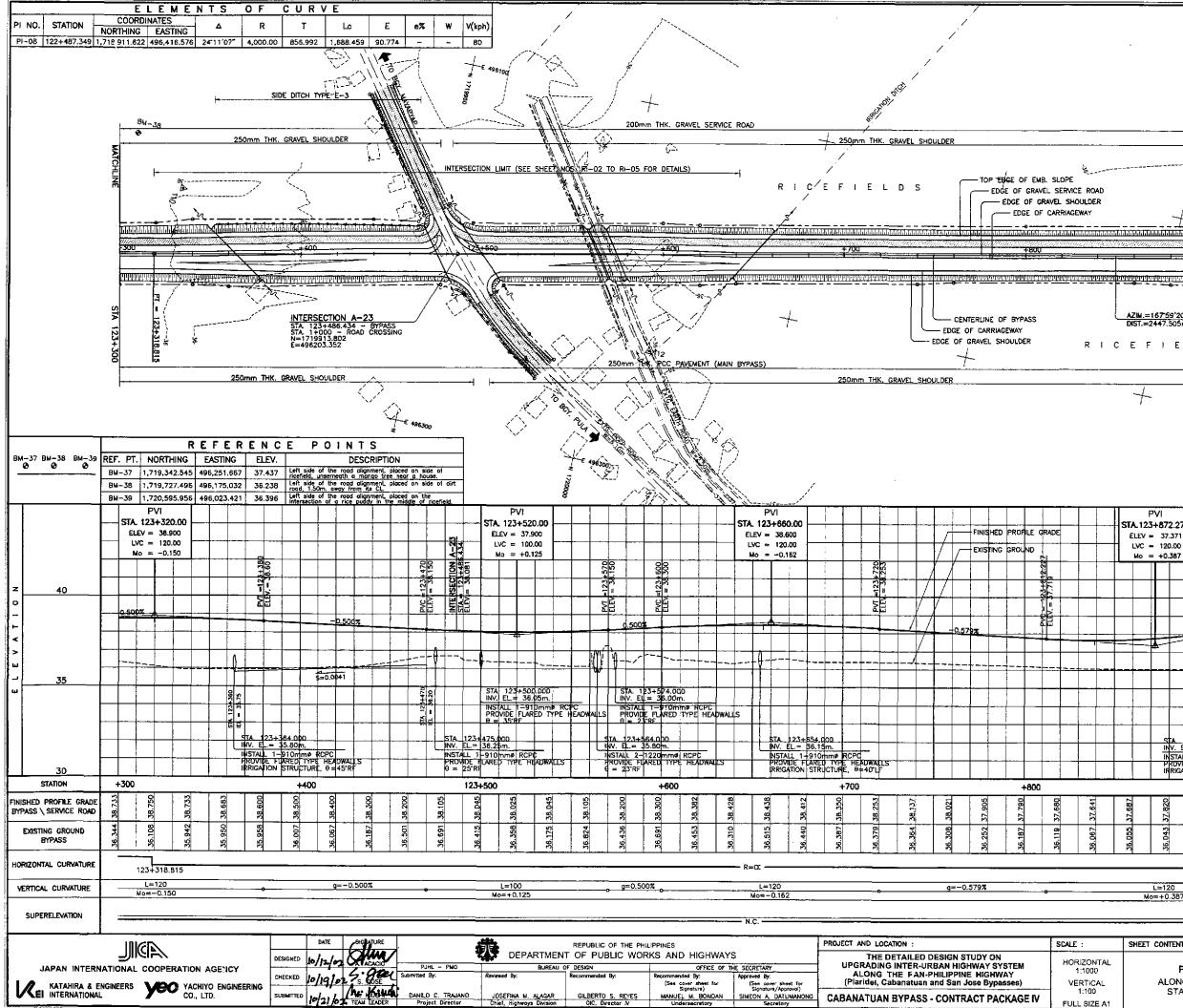


 $\times$ GUARDRAIL TOP EDGE OF EMB. SLOPE - EDGE OF GRAVEL SERVICE RDAD - EDGE OF GRAVEL SHOULDER ---- EDGE OF CARRIAGEWAY 1992 - CENTERLINE OF BYPASS - EDGE OF CARRIAGEWAY - EDGE OF GRAVEL SHOULDER RICEFIELDS 006+1 GUARDRAIL P\/I ╺╾┥╾┥╾ STA. 121+740.00 ELEV = 36.383LVC = 100.00Mo = +0.313-840 383 121 <u>790</u> 383 <u>=121</u> ΣÜ 1,898% PG (SERVICE ROAD) 121+8 34.880 50.00 +800 +900 37,195 <u>38.383</u> 38.088 38.743 38.326 <u>39.023</u> 38.078 39.223 34.831 34.949 34.947 34.840 .835 34.852 932 34.941 .902 푌 R=4000 L≖100 g=2.000% Mo=+0.3 SHEET CONTENTS : SHEET NO. : HORIZONTAL 1:1000 PLAN ANF PROFILE ALONG BYPASS (INITIAL STAGE) **RP-01** VERTICAL 1:100 STA. 121+600 - STA. 121+900 FULL SIZE A1

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PI NO.		COORDINATES		_	R	T		E e%		(kph)	15				SIDE	DITCH	TYPE C-1	-	 L		GUARDI			-4 L-7		1V []	64		
PI-08 [1	22+487.349 1	.718,911.622 496,4	16.576 24'11'0 GUARDRAIL	07"   4, 	,000.00	856.992	1,688.459 90.7	774 –	-	80 !					200mm	1 THK.	GRAVEL SEF	MCE ROAD							+ 4%	1#	123		∦'
											<u> </u>				250mn	<u>n THK.</u>	GRAVEL SH	DULDER						 		ELNO.1			×: \$₿
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					UND STA	ERPASS B- 121+960.00 718476.739 96749.667		Į.		FDCF	-OF-GRAV	SERVICE L	DER		IRA	SITION			TRANS	INON				1	581	1 41	調	副	
		m '		,	Z 1					<u> </u>	DGE OF C	ARRIAGEWA	<u>~</u>	>	·								in a f				鷱		3
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		21+2	I A					<u> </u>				C PCC PA			BYPASS)								·			E	1 E ŝ	and the second s	
		8	1/-					<u> </u>		2		C. GRAVEL	SHOUL	DER				<u> </u>						<i>[a]</i>    -		NO	G/e <sup>:</sup>		
	·							<u> </u>			GU/	RDRAIL										j		#+#)			2.0 <u></u>		~
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			PVI									+ + +	+ +												STA. 1224	+376.95			┢
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ω μ						-2.000%	τ	<del>  /  </del>		+		+	4-/					┢┈┼╾┤			1.000%				MPWL=	-38.40m	#∺	0.500	-
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				F	121+985 35.809		122+040 34.998 50.00						<u>s=0.00</u>	5			122+220 39.213 50.00	+250	8				122+540	8					┢
								8-2 5-6 5-7			<u>                                      </u>							1224:					STA 1:						┢
		NV.	121+914.00 EL.= 34.85m				<u>ƙ</u> चित्र	NV INV	. <u>122+р</u> 6 . ЕЦ <b>—</b> 38.8	5ml							<u> </u>	1 IS		A. 122+3 /. EL.= 3	5.90m.				<u>  </u>		<u>, 11 STA. 1</u> 11 INV. E	22+452.000 L.= 36.60m.	┢
	30	PROV	ALL 1+910mm# VDE FLARED TYP GATION STRUCTUR	TE ΠΕΑC RE. θ=1	WALLS			· 문국 · NS · · · · · · · · · · · · · · · · · · ·	TALL 1-122 OVIDE FLARE	Orhmø D TYPE UCTURI	RCPC HEADWAL 1 8=1011	ts F					+ +		PR	STALL 1 OVIDE FIL ≂10°LF	910mmø ARED TY	RCPC	WALLS					$\begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	RC
ST	ATION	+900				22+000				+100						+20	<u></u>				+300				<u> </u>		+400		<u>pr</u>
	ROFILE GRADE	39.223 37.343 39.343 36.480	39.383 35.932 35.932 39.343	35.809	39.223 35.921	418	38.38. 37.189 38.383 37.671	38.043 37.735	37.823	222	37.743	88.3	38.143		38.523			800	31.3	513		594 213	683	5		12			8
	SERVICE ROAD			+		36 36				8 37		37				6 39.008 38.704	2 39.508 38.994	6 40.008 39.004		9 40.952 38.613	38.41 <u>3</u>	<del>38</del> 54				3 41.931	7 41.876		38.400
	G GROUND	34.947 34.943	34.904 34.904		34.876	34.782	34.617	34.710	34.742	<u> 34.B38</u>	34.962	35.079	35.179		35.279	35.486	35.722	35.846	35.715	35.599	35.850	35.871	36.015	38.606		35.043	37.037	37.066	~
HORIZONTA	L CURVATURE																1 1	R=4			.1	1 7			······	1 1			1
VERTICAL	CURVATURE		L=200				g≖-2.000	02			L=150						g=2.5007									=240			
	<u> </u>	<u></u>	Mo=-1.000							Мо	=+0.844	<u>_</u>													Mo=	-1.500			_
SUPER	ELEVATION		· · · · · · · · · · · · · · · · · · ·															N.C										<u> </u>	
		_IIIEA				DATE	SWATURE			疯	DEDA	OTMEN								PF	ROJECT A							SCALE :	
۵. ل	APAN INTERM		RATION AGEN	ICY	DESI		2 A ACACIO		L - PMO			BUREAU O	F DESKIN	۷	u wor	ks At	ND HIGHV	VAYS	ETARY			RADING	<b>JINTER</b>	ED DESIG	HIGHWA	AY SYSI		HORIZON 1:100	
					NG CHEC	=KED 1-/19	1 7: 20	Submitted E	ðy:	Revie	wed By:			ended By:			ended By: cover sheet fo Signature)	Approv	ed By: se cover sheet fo		Al (Pla	LONG ridel, C	IHE PA abanatu	N-PHILP	'PINE HI Jan Jose	GHWA' Bypass	Y ;es)	VERTIC	AL
<b>V (</b> EI	INTERNATIONA		CO., LTD.		SUBA		TEAM LEADER		C. TRAJANO		SEFINA M. ief, Highwoy:			ERTO 5. IC, Directo			UEL M. BOND		ignatura/Approval IN A. DATUMAN Secretary		ABAN	ATUAN	BYPA	ss - coi	NTRACT	I PACK	AGE IV		







50m TRANSITION ากกรี่ที่ที่สิติผลิตกรีกกรี่การเกิดสาวกรร 0.0.00.00.00.00.00 AZIM.=167'59'20\* DIST.=2447.505m 124+000 RICEFIELDS +GUARDRAIL PVI STA.123+872.277 ELEV 🛥 37.371 LVC = 120.00  $Mo = \pm 0.387$ 25 fi fil 2.000% 1,630% 2.6592 PG (SERVICE ROAD) -8 + 0 123 38.3 50.0 <u>אַר</u>ואַ STA. 123+940 000 INV. EL.= 36.00m. INSTALL 1-910mmø RCPC PROVIDE FLARED TYPE HEADWALT IRRIGATION STRUCTURE, 9=40°LF +900 124+000 <u>38.343</u> 38.037 38.727 38.106 <u>39,087</u> 37.832 <u>39.367</u> 37.311 37.641 7.68 .067 043 3 047 044 6.025 005 055 603 L≃120 q=2.000% L=200 Mo=-1.000 Mo=+0.38 SHEET CONTENTS : SHEET NO. HORIZONTAL 1:1000 PLAN AND PROFILE ALONG BYPASS (INITIAL STAGE) **RP-04** VERTICAL 1:100 STA. 123+300 - STA. 124+000 FULL SIZE A1

<b></b>	ELEMENT	S OF CU	RVE		1							
PI NO. STATION ~	COORDINATES NORTHING EASTING	A R T	Lc	E e% W V(kph)			1					
PI-09 124+909.328 1	721,305.544 495,907.244 23 38	8'52"R 4,000.00 837.3	85 1,650.927 86	.712 80	]		+-					
Ē.	+											
									ter	_		
	GUARDRAIL		<u> -</u>		SIDE DITCH TYP	<u>Έ Ε~3</u>			***	95900		<b>⊢</b>
								,	0000		) <del></del>	GUA
	MATCHLIN 8							K. GRAVEL SERVICE ROA	D		7	F
			$\tilde{c}_{e}$	tor			220mm if	ik. Gravel <u>Shoulder</u>	<u>.</u>			
	<u>- 35m - 35m</u>	TRANSITION	(		-							
	St.		-	8		TOP EDGE OF EMB. SLO EDGE OF GRAVEL SE		RICEF	IELDS	+	50m TRANSITION	/
			inducer 5	BU-39		EDGE OF GRAVEL		1				<u> </u>
	0000			ปรึกไปกัดสีมีกัดที่สุดกัดสีมีการที่สุดกัดสี			กอโรงที่กันไก่กลังกลังกลางกลางกลางกลางกลางกลางกลางกลางกลางกลา	S 				
				+200			-300		+400		124+500	.0
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STA			~	98		LINE OF BYPASS						7
4		<u>UNDERPASS</u> <u>B-15</u> STA. 124+040.0000 V≈1720455.248 ≔496088.153	1		EDGE OF C	ARRIAGEWAY	,				UNDERPASS B-1	s /
ja j	ંસ્ દે	=496088.153	a l	5 +	EDGE OF GRAV	VEL SHOULDER	Ŕ	ICEFIE	LDS		UNDERPASS B-16 STA. 124+550.000 N=1720937.556 E=495957.570	
-			7	<b>70</b>							2-1002011010	
-						······	250mm_TH	K. PCC PAVEMENT (MAIN	BYPASS)			
	GUARDR						/ <u>250mm TH</u> /	K. GRAVEL SHOULDER				GUARDR
							Ĩ.		<del>-</del> -			
		ERENCE	POINTS			Jere Jan Start Sta	2 <sup>°</sup>	JE 496100				
BM_3B BM_39	,		DESCRIP	TION				± '***100 N				
<u> </u>		175.032 36.238 Left si road	de of the road alignment 5.50m, away from its CL. de of the road alignment	, placed on side of dirt				0400		1		
BM-40	BM39 1,720,595,956 496,0 BM40 1,721,353,720 495,9	023.421 36.396 Left si interse 998.525 36.993 Right s g prou	de of the road alignment ction of a rice puddy in side of the road alignmen p of coconut tree in the	the middle of ricefield. ht, placed underneath middle of ricefield.		i i				+		
	PVI 5TA. 124+040.0	<u></u> 8-+		PVI STA. 124+180.00		PVI STA. 124+280		PV1	78 101			
	ELEV = 40.728		+	ELEV = 37.926 LVC = 80.00		ELEV = 38.42 LVC = 100.0	26	ELEV = 37	.936			E
	Mo = -1.000	124 134	+++	Mo = +0.250		$M_{\odot} = -0.12$	25	Mo = +0	1 9	9.172		
			38.727		= 38.126 = 38.126 = 38.126 = 38.176				1			
z <u>40</u>	2.000%									ELEV.		
-			2.000z			A				0007		
F .		2,5107		-1.219%	<u>d.500</u> <b>\$</b> / / /		<u> </u>		2.000%	PG (SERVICE )	POAD)	
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ш 35			╼┾╼╼┿╋╼╼╼	╺ <del>┥╸╸┿┈┼╶╌┼╶╺┾</del>							<u></u>	╡╣╾┼═╲
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	124+ 40.00	124+	124+	38.338 50.00				124+33				51A 124+520 EL - 35.65
	EL= EV=		5				STA 124+360.000				-514 000	E 21
		)   INV. EL.= 315.9	95ml.				INV1 EL ± 35.95	CPC		INV. EL.=	35.90mL	P
30			DITYPE READWALLS				INSTALL 2-910mmP R PROVIDE FLARED TYPE IRR GATION STRUCTURE	$\theta = 35$ LF			910mh# RCPC LARED YPE HEADWALL STRUCTURE θ =40°LF	
STATION	124+000			+2			+300		+400		124+500	
FINISHED PROFILE GRADE BYPASS \ SERVICE ROAD	36.787 36.787 36.455 36.380 36.380	39.587 36.453 36.453 36.780 39.367 37.294	39.087 37.806 38.727 38.098	38.084 38.084 38.084 38.089 38.089	38.126 38.221	38.281	<u>38.281</u> <u>38.221</u>	38.127 38.101 38.200	38.423 38.772 38.772	39.532 38.775 39.532 38.723	39.812 38.320 37.815	40.132 37.381
EXISTING GROUND	003	082	078	36.035 36.022 36.022 36.036	36.075	36.091 36.107		291 291 291 291 291 291 291 291 291 291	36.249 3	36.191	36.215	36.206
BYPASS	<u>99</u> 91 92 92 92		<u>3</u> 9	99 97 99 99 99	36.	36.	36	<u>8</u> 8 8	36.	<u>3</u> 28	36.	.9E
HORIZONTAL CURVATURE	— R=α	<u>124+</u> 071.944			·			R=4000	·			
VERTICAL CURVATURE		L=200 Ma=-1.000	g=-2.0	000% L=80 Mo=+0.250	g=0.500%	L=10 Mo=-0		2075 L=8 Mo=+0		2.000%		
SUPERELEVATION												
			· · · · · · · · · · · · · · · · · · ·					— N.C. —	1			
	JIKA					REPUBLIC OF THE PH	IILIPPINES RKS AND HIGHWAY	'S	PROJECT AND LOCA	ATION : DETAILED DESIGN	STUDY ON	SCALE
JAPAN INTERN	IATIONAL COOPERATION AG	ENCY CHECKED	19/12/02 M. ACACIC	PJHL - PMO		OF DESIGN Recommended By:	OFFICE OF Recommended By:	THE SECRETARY	UPGRADING	G INTER-URBAN HE THE PAN-PHILIPPI	IGHWAY SYSTEM INE HIGHWAY	HOF
	NGINEERS YEC YACHIYO CO., LTD.	ENGINEERING	19/02 COSE	DANILO C. TRAJANO	JOSEFINA M. ALAGAR	GILBERTD S. REYES	(See cover sheet for Signoture) MANUEL, M. BONCAN	(See cover sheet for Signature/Approval) SIMEON A. DATUMANONG	(Plaridel, Ca	abanatuan and San	n Jose Bypasses)	VE
	00., 210.		0/21/02 TEAH LEADE	ER Project Director	Chief, Highwaya Division	OIC. Director N	Undersecretory	Secretary		DTPASS - CUN	RACT PACKAGE IV	FUL

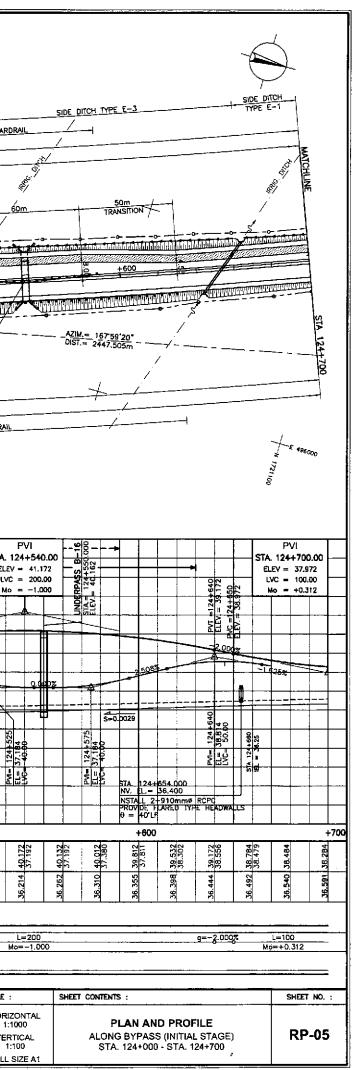
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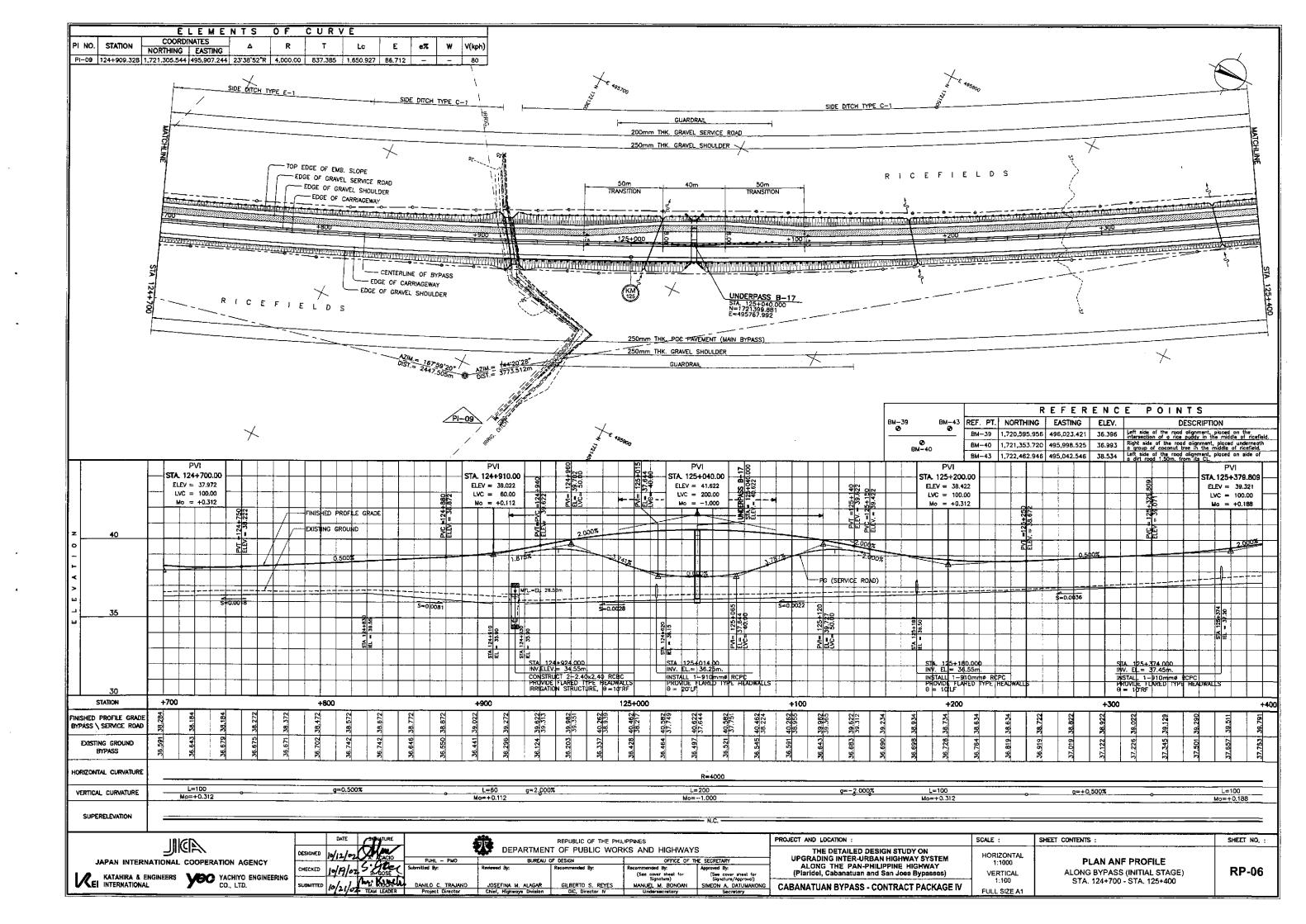
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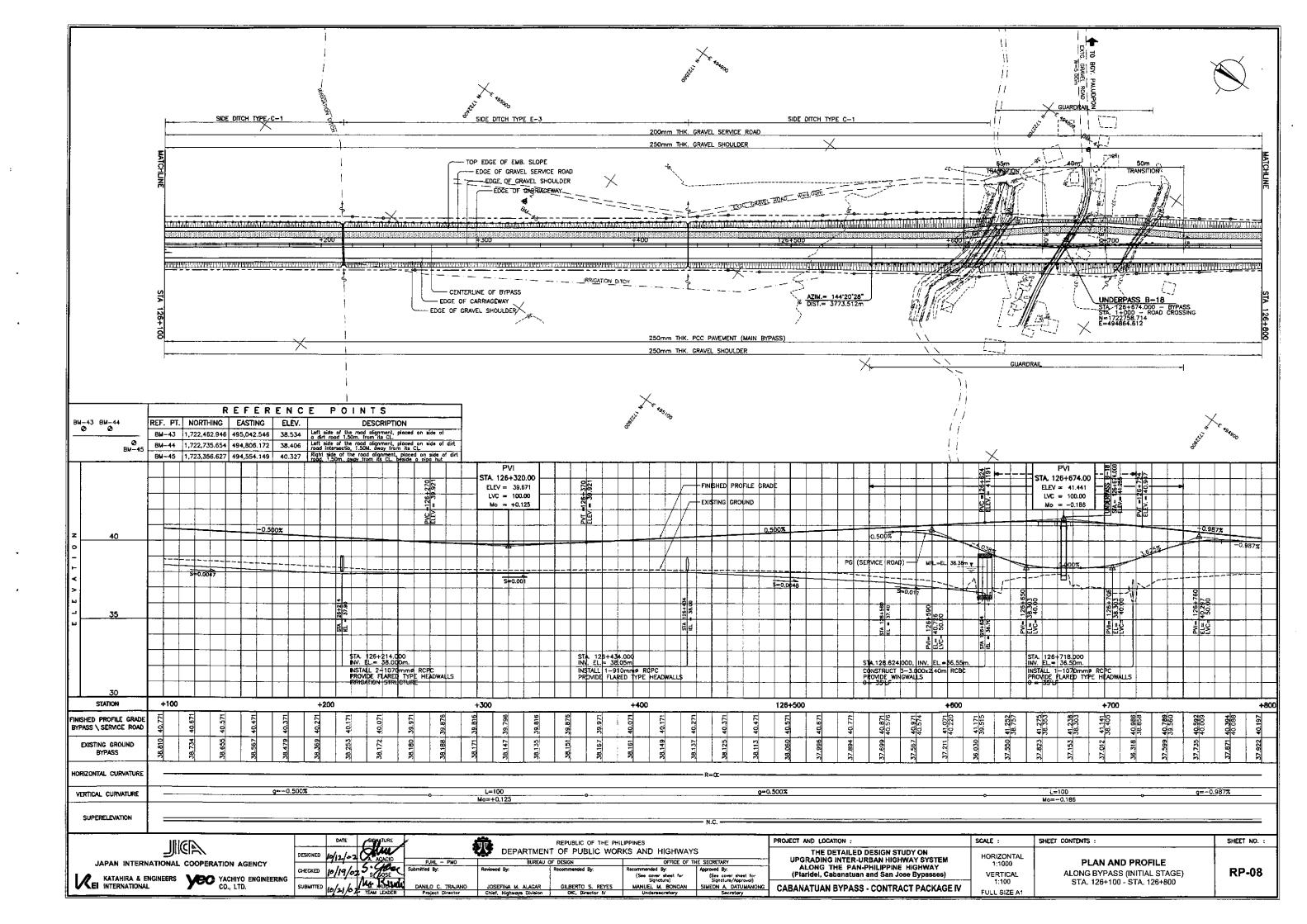
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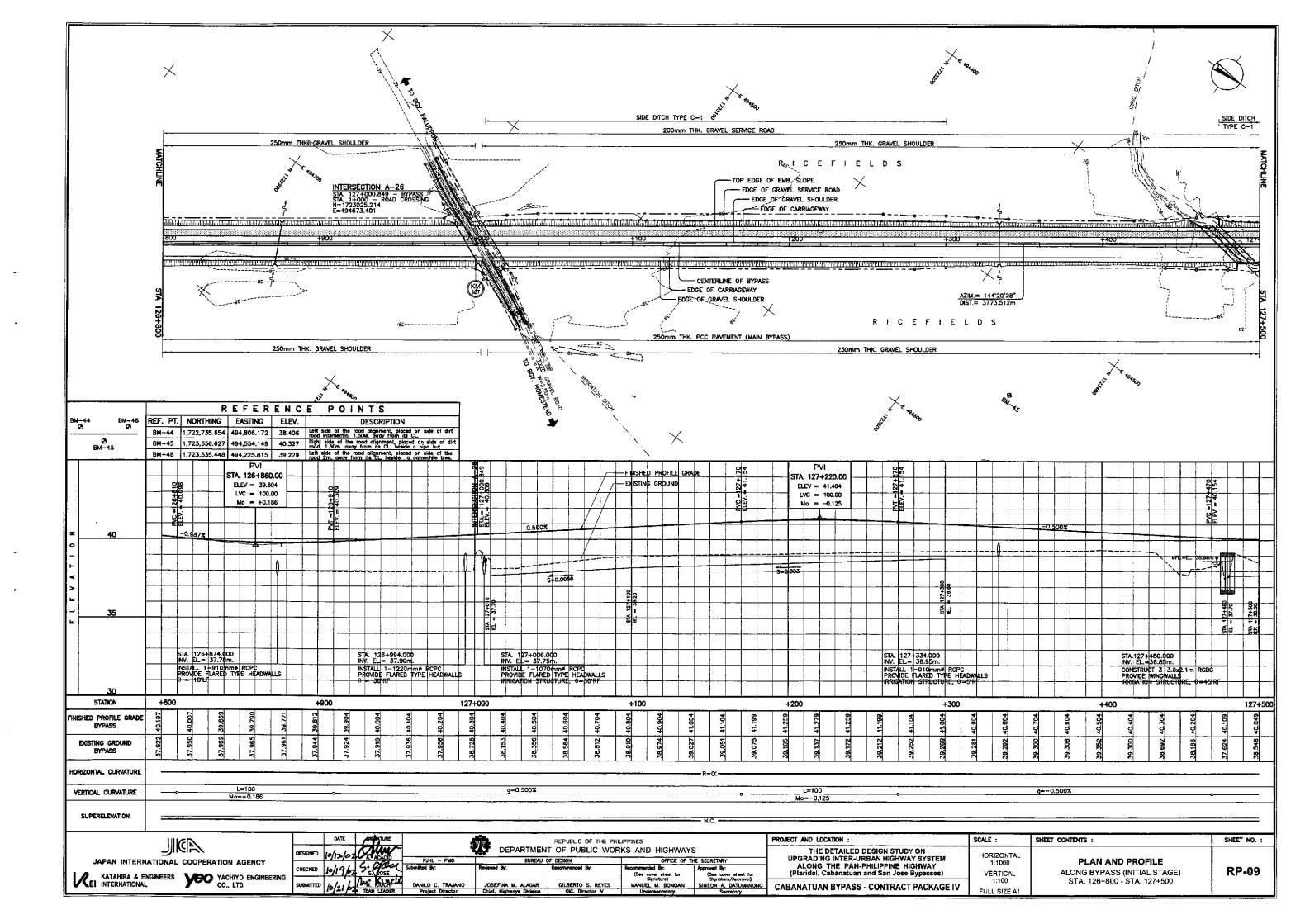
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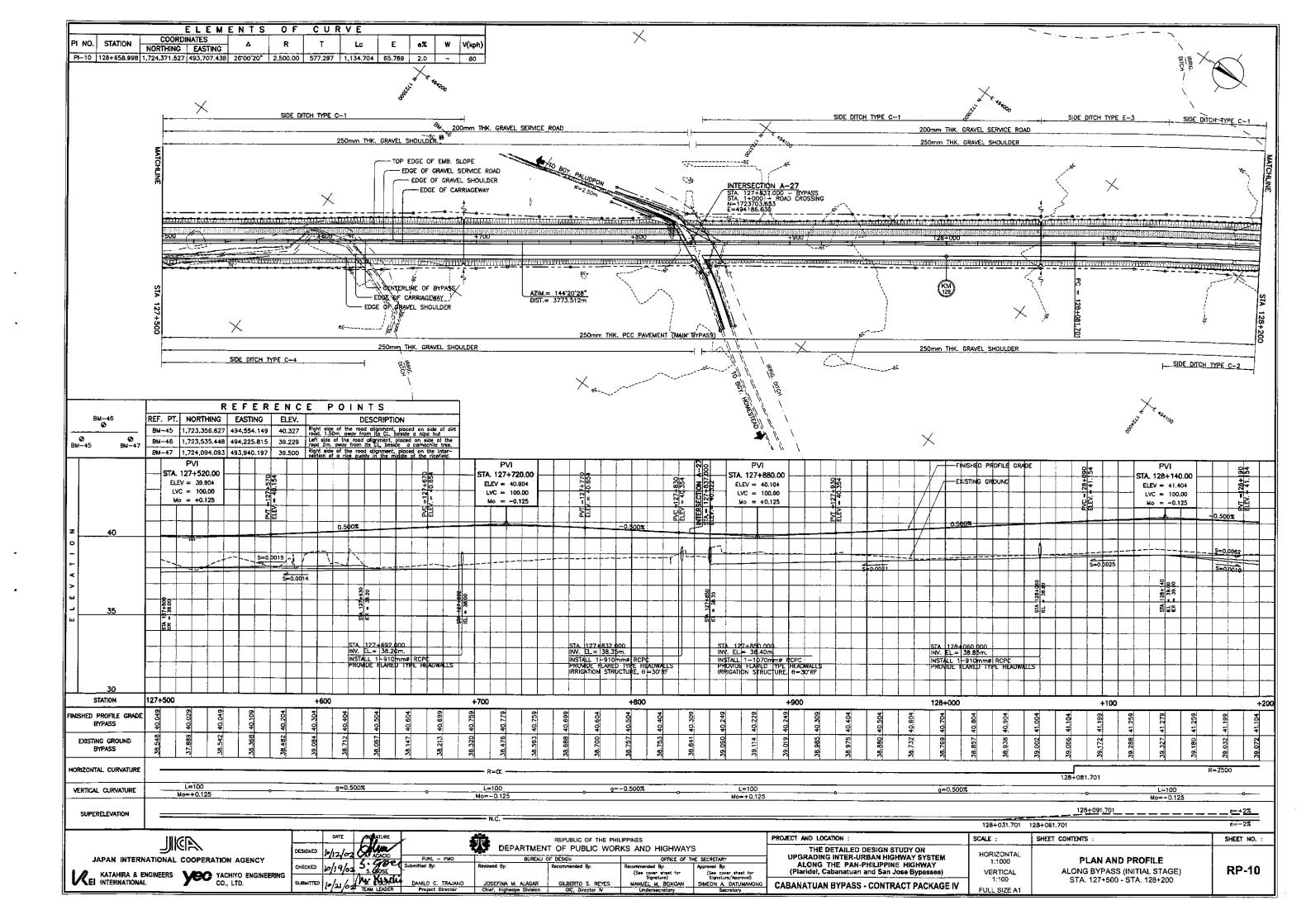


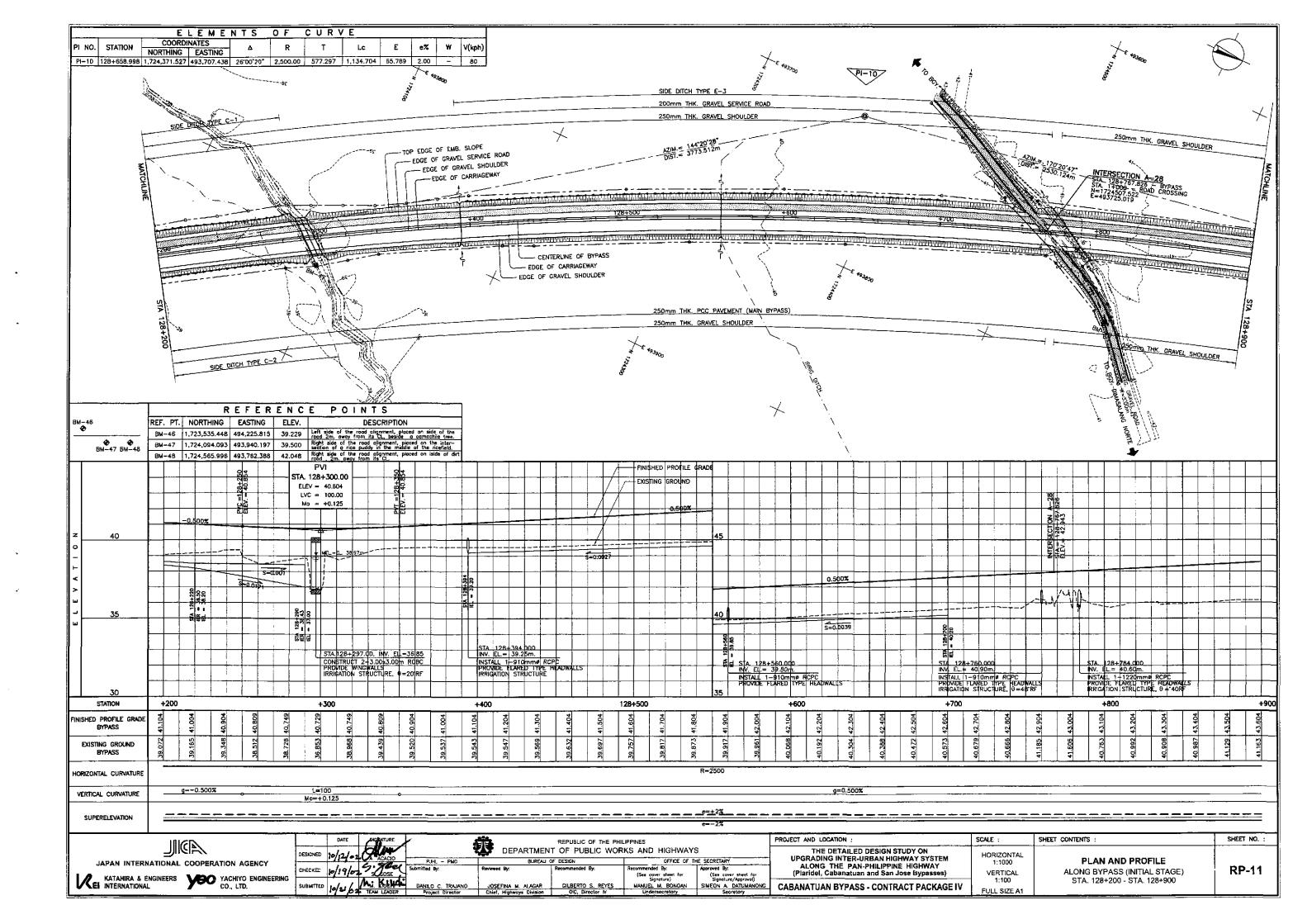


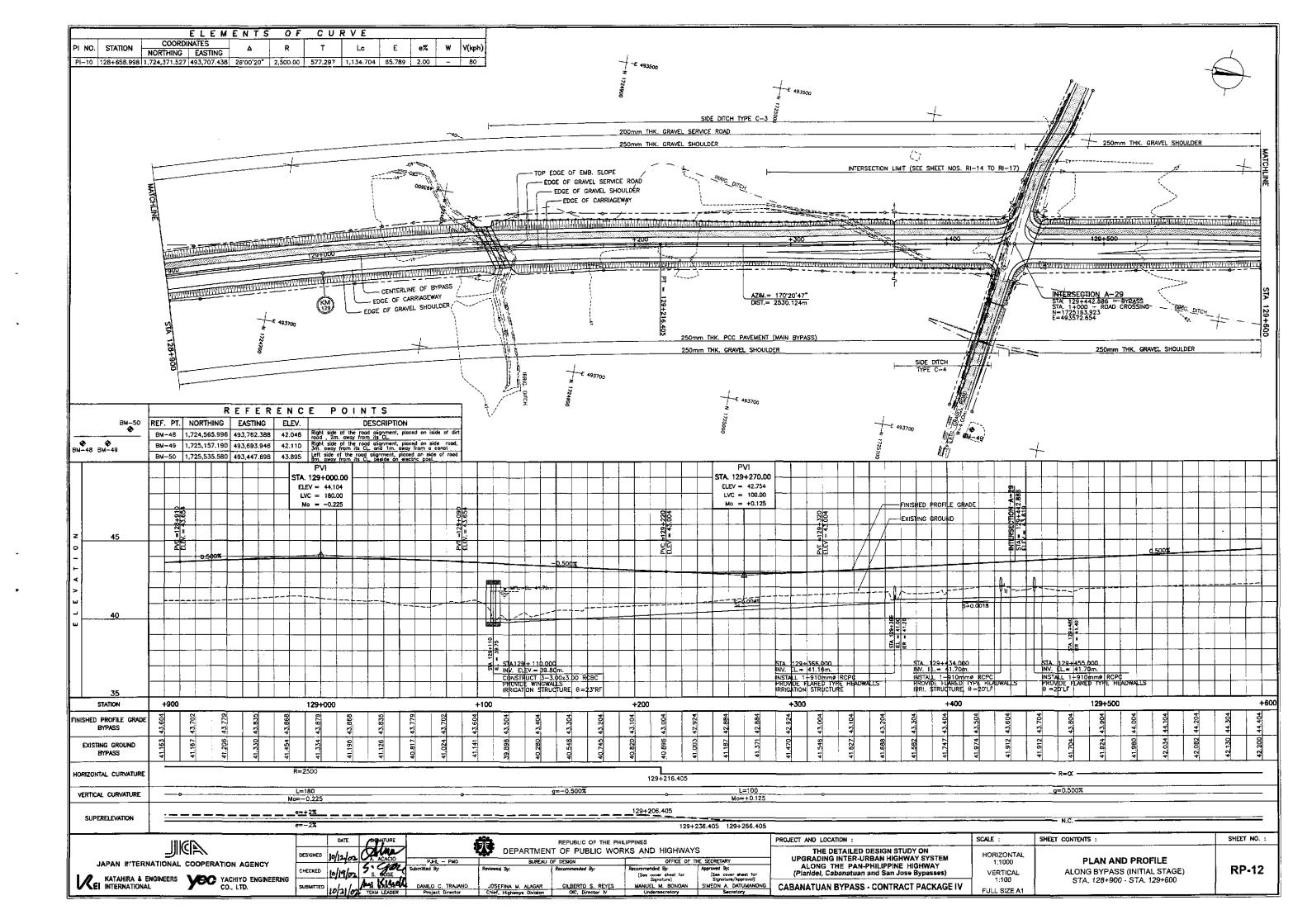
	E     L     E     N     T     S     O     F     C     U     R     V     E       COORDINATES     A     R     T     Lc     E     e%       RTHING     EASTING     A     R     T     Lc     E     e%       1,305.544     495,907.244     23'38'52'R     4,000.00     837.385     1,650.927     86.712     -	W V(kph)				
	ВОЕ DITCH ТҮРЕ С-1				and the session	ξ
	200mm THK. GRAVEL SERVICE ROAD				SIDE DITCH TYPE C-1	
	250mm THK. CRAVEL SHOULDER		200mm THK. GRAVEL SERVICE ROAD 250mm THK. GRAVEL SHOULDER		250mm THK. GRAVEL SHO	ULDER
	TRANSITION 50m TOP EDGE OF EMB. SLOPE		PI s second		L_I CTION LIMIT (SEE <u>SHEET NOS, RI-07 TO RI-11</u>	
	EDGE OF GRAVEL SERVICE ROAD EDGE OF GRAVEL SHOULDER EDGE OF CARRIAGEWAY		50m TRANSITION N DIST. = 3773.512m		RSECTION A-25 125+881.570 - BYPASS 11+000 - ROAD CROSSING 122114.86 5326.567	(
						มีขางไปก่อยกับบังเสียงก่อยกอย่างก่องก่องกับบุ เป็นชื่อเมืองก่องก่องก่องก่องก่องก่องก่องก่องก่องก่
			+700 +800		156+000	
ن تر	EDGE OF CARPING OF BYPASS					<u>andra the same and the same and and and and and and and and and and</u>
	EDGE OF GRAVEL SHOULDER		ECTION A-24 50447.978 - BYPASS 500 - ROAD CROSSING 524.665 52.159 - RAISED DIVISIONAL ISLA		$\times$ (A)	$\rangle$
Ś	250mm Tuk cos au		224.665 22.169 CURB & SIDESTRIP TYPI		RAISED DIVISIONAL ISLAND CURB & SIDESTRIP TYPE A	<u> </u>
	250mm THK, PCC PAVEMENT (MAIN BYPASS) 250mm THK, GRAVEL SHOULDER		250mm THK. PCC PAVEMENT (MAIN BYPASS		250mm THK. GRAVEL S	
	GUARDRAIL		250mm THK, GRAVEL SHOULDER			
	$\sim$					+ r sear
	REFERENCE POINTS			SAV		er e
······	F. PT.     NORTHING     EASTING     ELEV.     DESCRIPTION       M-40     1,721,353.720     495,998.525     36.993     So group of coconsult tree in the model of niceful	eath		AND RECEIPTING	45-1 Kap	
BM-40	MM-40     1,721,353.720     495,998.525     36.993     Right side of the road alignment, placed under o group of coconut tree in the middle of riceful side of the road alignment, placed on side e drift road 1.30m, from its CL M-44     1,722,452.946     495,042.546     38.534     Left side of the road alignment, placed on side road intersectio, 1.50M, dree the road alignment, placed on side road intersectio, 1.50M, dree the road alignment placed on side	of dirt	×			
		PVI STA.125+625.822	PVI STA. 125+770.00	PVI STA.125+876.357		
		B     ELEV =     44.241     40.5       B     LVC =     200.00     50.5     20.5       B     LVC =     200.00     50.5     20.5       B     No =     -1.000     50.5     11.5	ELEV = 41.357 LVC = 80.00 Mo = +0.250	ELEV = 41.889 LVC = 100.00 Mo = -0.125		
			+ 42 21157			
z 45			1.55)	EB26.357		PROFILE GRADE
-	1.125 4.00 1.25 4.00 1.25		= 120 = 440	ELEY = 4	EXISTING	
< >		BRIDGE // /				5002
⊔ - <u>40</u>	2.0 <u>0</u> 03 2.0003	20103		m //~A		
ω 					\$=0.0076	
	Sad 0035			이 1995년 1997년 - 1997년 1997년 - 1997년 - 1997년 1997년 - 1997년 - 19970년 - 19970년 - 19970 - 19970 - 19970 - 199700 - 19970 - 1997	25-895,000 88 - 39.80m	5-0.
	STA     125±600000       INV.     EL=     38.30m.       INSTALL     4910mm#     RCPC       PROVDE     FLARED TYPE HEA     0       0     10°LF     INSTALL	\$2     \$2     \$2     \$2     \$2     \$2     \$2     \$2     \$3     \$2     \$3     \$3     \$4     \$5     \$5     \$1     \$15     \$5     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$1     \$2     \$1     \$	5,000 STA 125+86#.000 .30m. STA 125+86#.000	RCPC PROVIDE	FLARED TYPE HEADWALLS E	
35 STATION	+400 125+500	(비용) (10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	TYPE     HEADWALLS     PROVIDE     FLARED     TYPE       +700     +800	HEADWALLS, θ = 10°R‡   θ = 10°R +900	126+00	0
FINISHED PROFILE GRADE BYPASS \ SERVICE ROAD	39.791       40.132       40.132       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.525       40.535       40.535	43.031 40.030 39.830 43.238 43.238 43.238 43.238 40.369 40.769	42.691 41.165 41.354 41.374 41.548 41.548 41.548 41.548	41.507 41.507 41.751 41.754 41.756	41.559 41.571 41.471 41.271 41.271	41.171 41.071 40.971
EXISTING GROUND BYPASS	37.753 37.908 37.908 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 38.292 37.908 37.753 37.908 37.753 37.908 37.753 37.908 37.753 37.908 37.753 37.908 37.753 37.908 37.908 37.907 37.903 37.908 37.907 37.907 37.903 37.907 37.007 37.007 37.007 37.007 37	26.326 29.315 29.548 29.607		39.161 39.165 40.314 40.314	40.060 39.561 39.313 39.313 39.265	39.274 39.233 39.069
HORIZONTAL CURVATURE	<u></u>		125+722.871			=0
VERTICAL CURVATURE	L=100 g=2.000%	L=240 Mo=-1.000	 g=−2,000% L=80 g=0 Mo≈+0.250	.500% L≈100 Mo≖∽0.125	→	0.50 <b>0</b> %
SUPERELEVATION			N.C.	· · · · · · · · · · · · · · · · · ·		
┣,Ł	DATE SUBNYTURE	REPUBLIC OF THE I			SCALE : SHEET CONTENTS :	
JAPAN INTERNAT	CHECKED 10/14/07 5.500 Submitted B	DEPARTMENT OF PUBLIC W DEPARTMENT OF PUBLIC W BUREAU OF DESIGN Reviewed By: Reviewed By: Recommended By:	OFFICE OF THE SECRETARY UPGRA Recommended By: Approved By: ALC (See over sheet for (Pland	HE DETAILED DESIGN STUDY ON DING INTER-URBAN HIGHWAY SYSTEM NG THE PAN-PHILIPPINE HIGHWAY M, Cabanatuan and San Jose Bypasses)	VERTICAL ALONG BYPAS	ND PROFILE SS (INITIAL STAGE)
KATAHIRA & ENG	NEERS YEC YACHIYO ENGINEERING SUBMITTED 10/21 6-1 10-2 10-2 10-2 10-2 10-2 10-2 10-2 10	C. TRAJAND JOSEFINA M. ALAGAR GILBERTO S. REVES t Director Chief, Highways Division OIC, Director M	Signature) Signature/Approval)	JAN BYPASS - CONTRACT PACKAGE IV	1:100 STA. 125+40	00 - STA.126+100

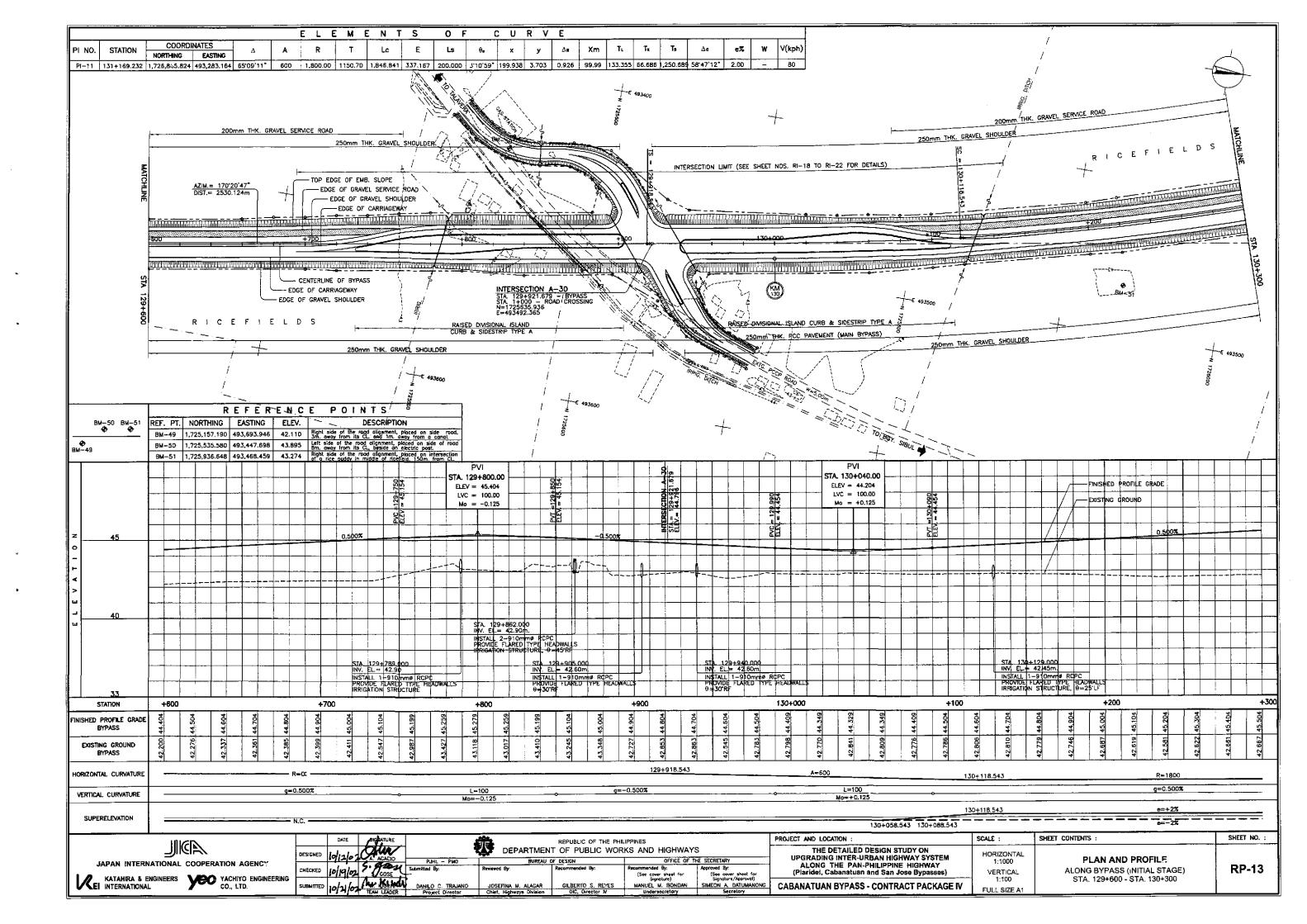


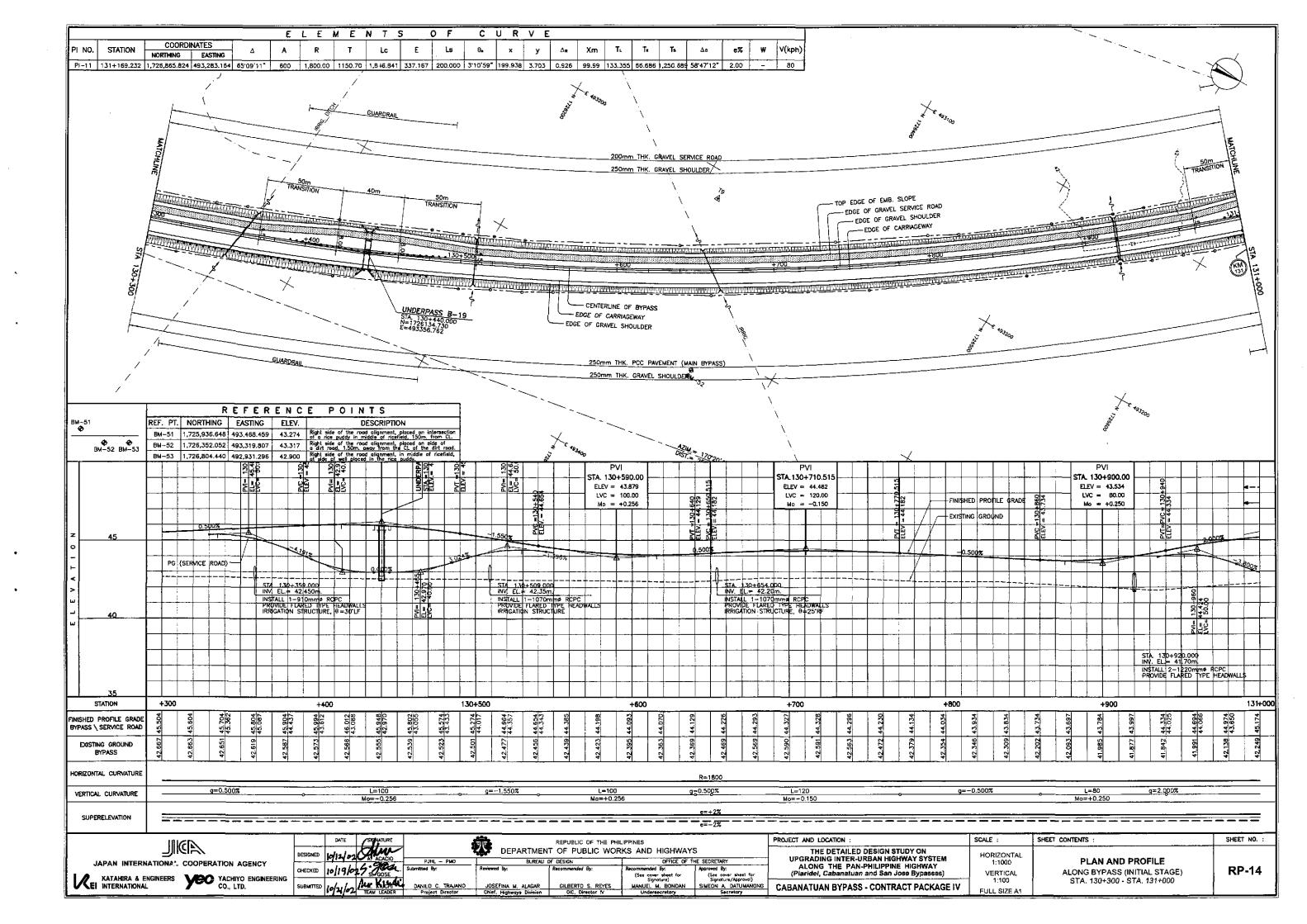


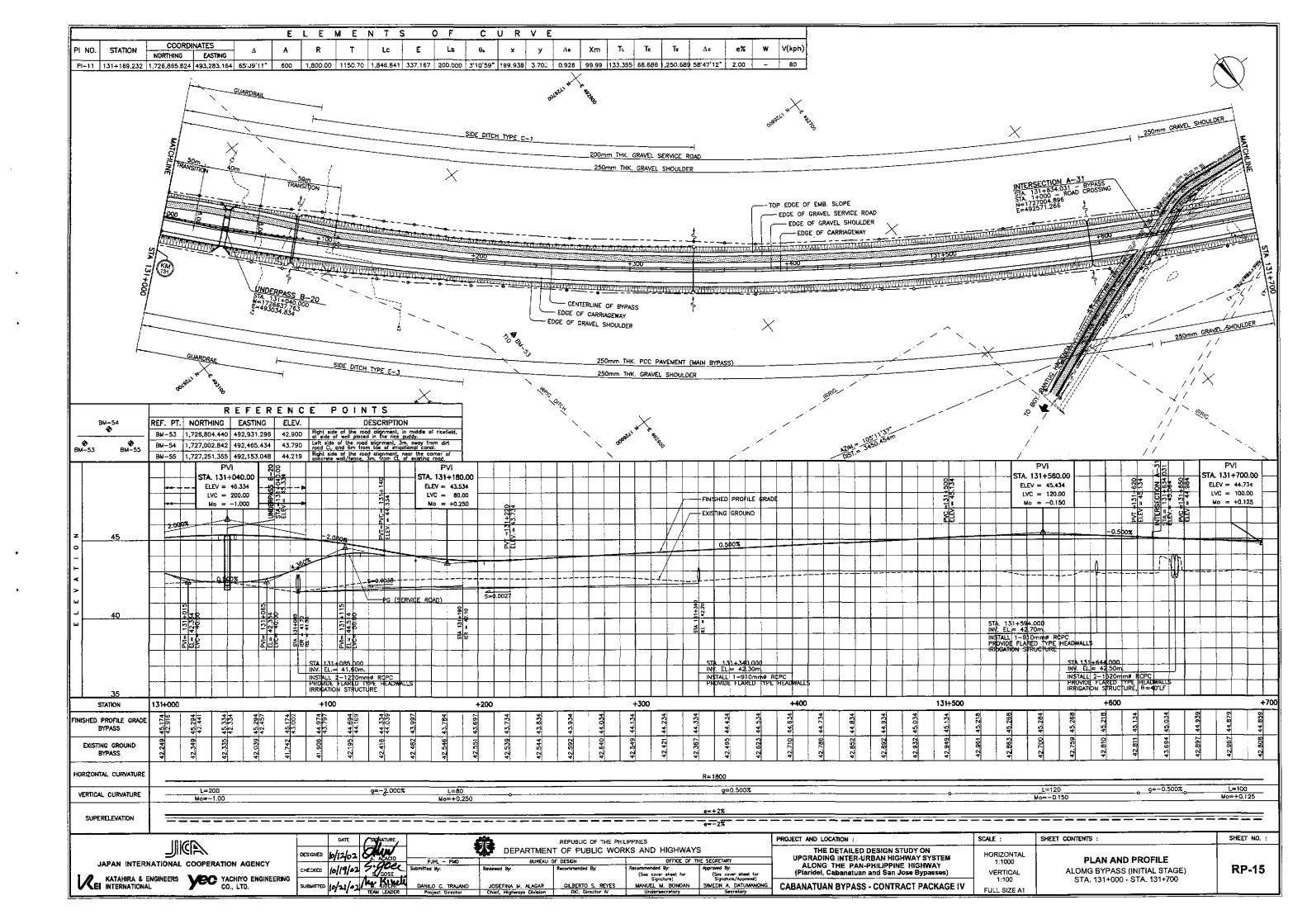


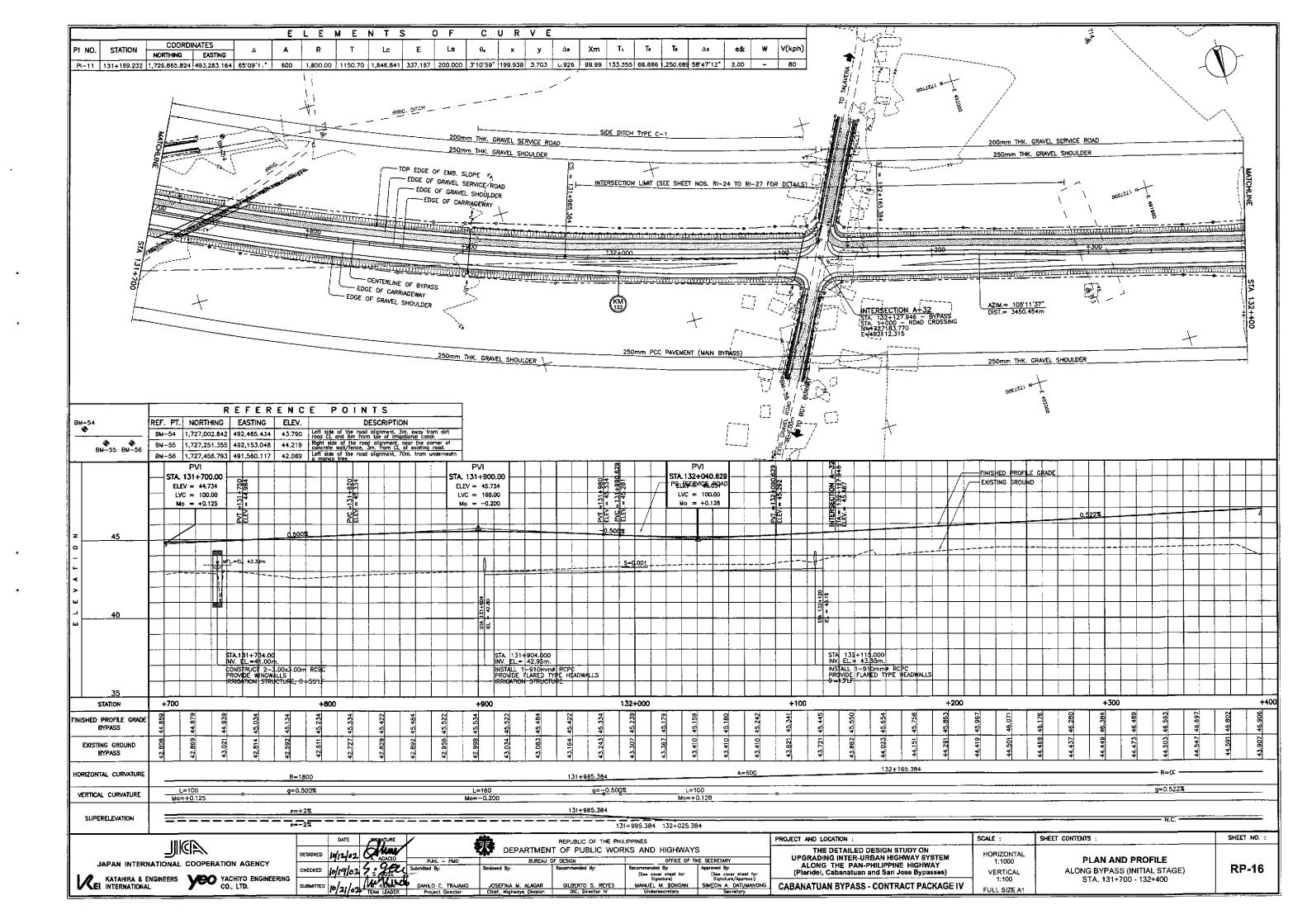












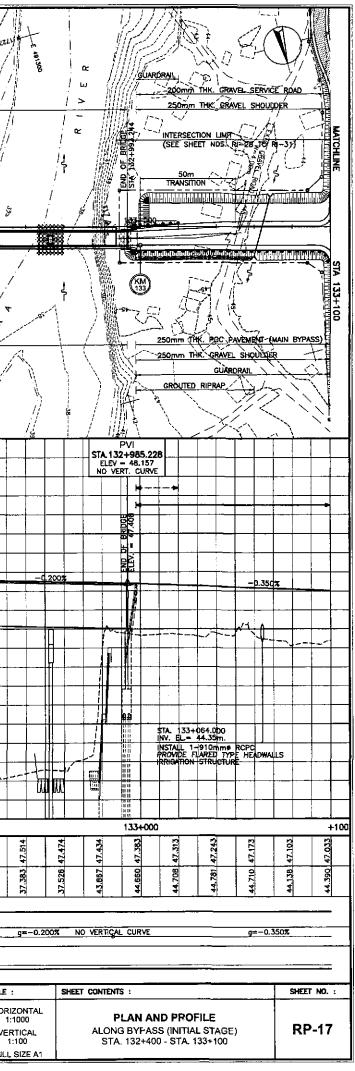
		· · · · · · · · · · · · · · · · · · ·		0071241 N-	UNT ROAD							ba
	k	¥	200mm THK. GR	AVEL SERVICE ROAD		UARDRAIL						
				EMB. SLOPE RAVEL SERVICE ROAD GRAVEL SHOULDER OF CARRIAGEWAY 50m TRANSITION		900 - 00 - 00 - 00 - 00 - 00 - 00 - 00		+700				5
				( LIN ALL FUL VYULULULULULU		Liver and the second						
	STA 132+400	AZIM.=	: <u>105'11'37"</u> 3450,454m		INE OF BYPASS ARRIAGEWAY EL SHOULDER <u>BOrn</u> TRANSITION				+	BRIDGE NO.14		7/2
			250mm THK.	GRAVEL SHOULDER	1							
				GROUTED				⊕     BM-55     1,727       ⊕     BM-56     1,727       IM-57     BM-56     1,727	THING     EASTING       251.355     492,153.048       456.793     491,560.117	ELEV. DESCI 44.219 Right side of the road align concrete wal/fence, Jm. fr 42.069 Left side of the road align a manga tree. 45.294 Right side of the road align	RIPTION	
50			Etch = 1327 400 Evc = 150 00 Pvc = 132 461 616 Etch = 41.384	PVI STA.132+54' ELEV = 47.1 LVC = 100 Mo = -0.	\$45 .00	BEG OF E				E GRADE ELEV = 48.478		PVII = 132+9) 2.844 ELEV. = 47.568
- 45		0.522%				-0.350%				BRIDGE NO.14		
< <u>10</u>			MPL-EL 43.25m 1.132+460.000 W. EL =42,30m 0NSTRUCT 1-300x32 ROVIDE WINGWALLS	Dm RCBC	PG (SERVICE ROAD)							
STATION FINISHED PROFILE GRADE	+400 8 =	<u>80 80</u>	132+500		190 190 190	+600		+700	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	+800	6+ 2332 6520 533	
EXISTING GROUND BYPASS	<u>43.907</u> 46.906 43.02747.011	42.414 47.115 46.820 46.820 46.840 12.462 47.219 45.840	42.510 47.324 46.692 46.692 42.599 47.425 46.376	42.599 47.497 45.976 45.357 42.781 47.535	42.819 47.537 45.176 42.701 47.505 42.701 47.505	42.850 47.441 44.376 42.636 47.371 42.635 47.371 43.976		42.388 47.462	41.814 47.542 41.557 47.582 41.230 47.613	41.144 47.634 40.664 47.648 40.536 47.647	40.030 47.639 41.496 47.620 41.184 47.522	37.921 47.554
HORIZONTAL CURVATURE	<u>4</u> 4	4 4	4 4	4 <b> </b>   <del>4</del>		4 4 4		<u>4</u> 4	च च च च	<b>₹</b>	<u> </u>	<u> </u>
VERTICAL CURVATURE	g=0.522	2%		L=100 Mo≕−0.10	9	NO VERTIÇAL g=0.350%		=0.200%		L≕150 Mo=−0.080	•	o
JAPAN INTERNA KATAHIRA & EN INTERNATIONAL	JICA Ational cooper Igineers <b>VSC</b>			DATE SKUTURE /12/02 CLARACO /19/02 S. 2005 /19/02 S. 2005 /21/02 TTUL LEAST	Puhl - Pilo Submitted By: DANILO C. TRAJANO	Reviewed By:	EAU OF DESIGN Recommended By:	ORKS AND HIGHWA	YS THE SECRETARY Approved By: (See cover sheat for Signitury/Approval) SimEON A. DATUMANONG	UPGRADING INTER-UR ALONG THE PAN-P (Plaridel, Cabanatuan a	ESIGN STUDY ON BAN HIGHWAY SYSTEM HILIPPINE HIGHWAY and San Jose Bypasses) CONTRACT PACKAGE	SC F

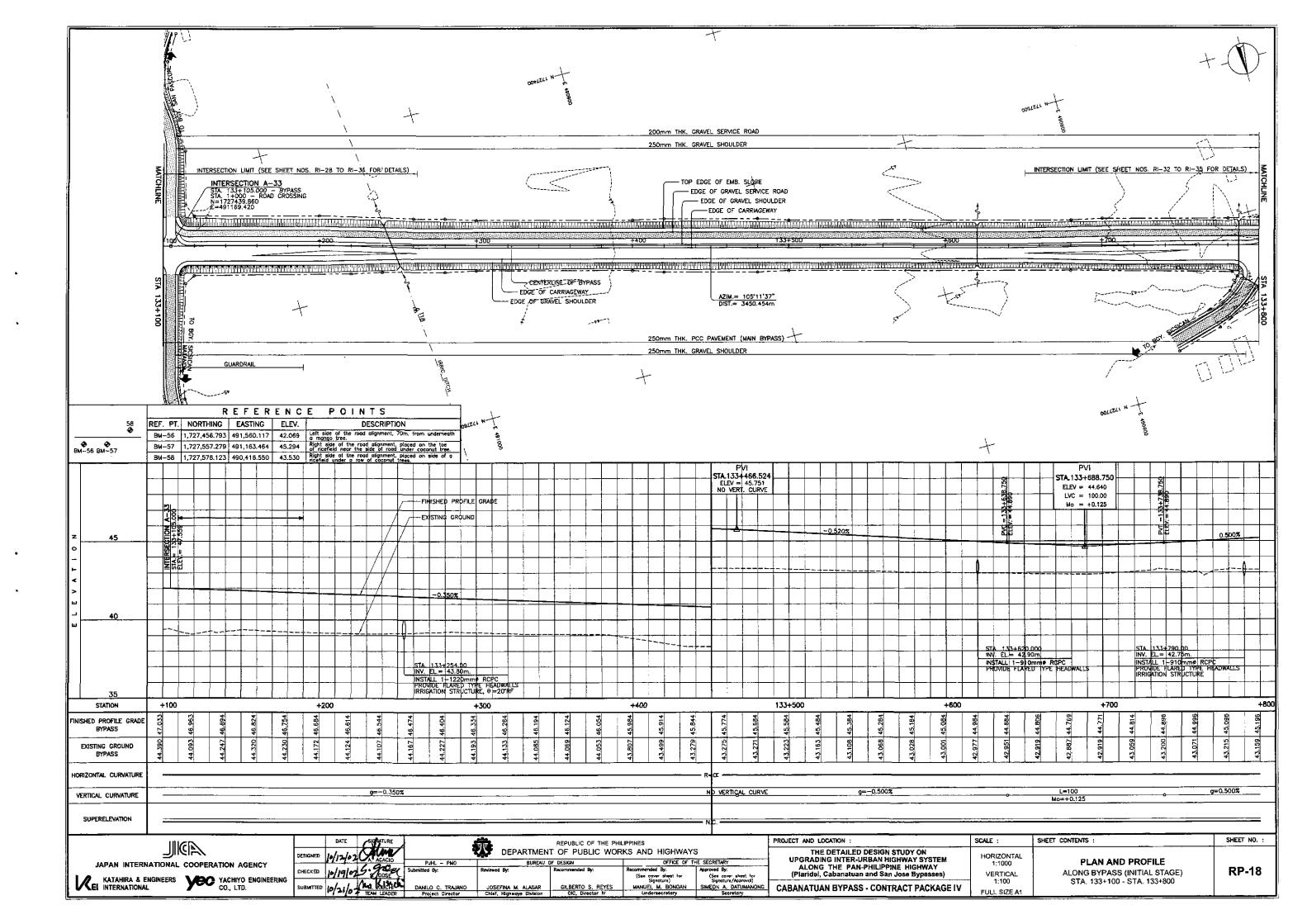
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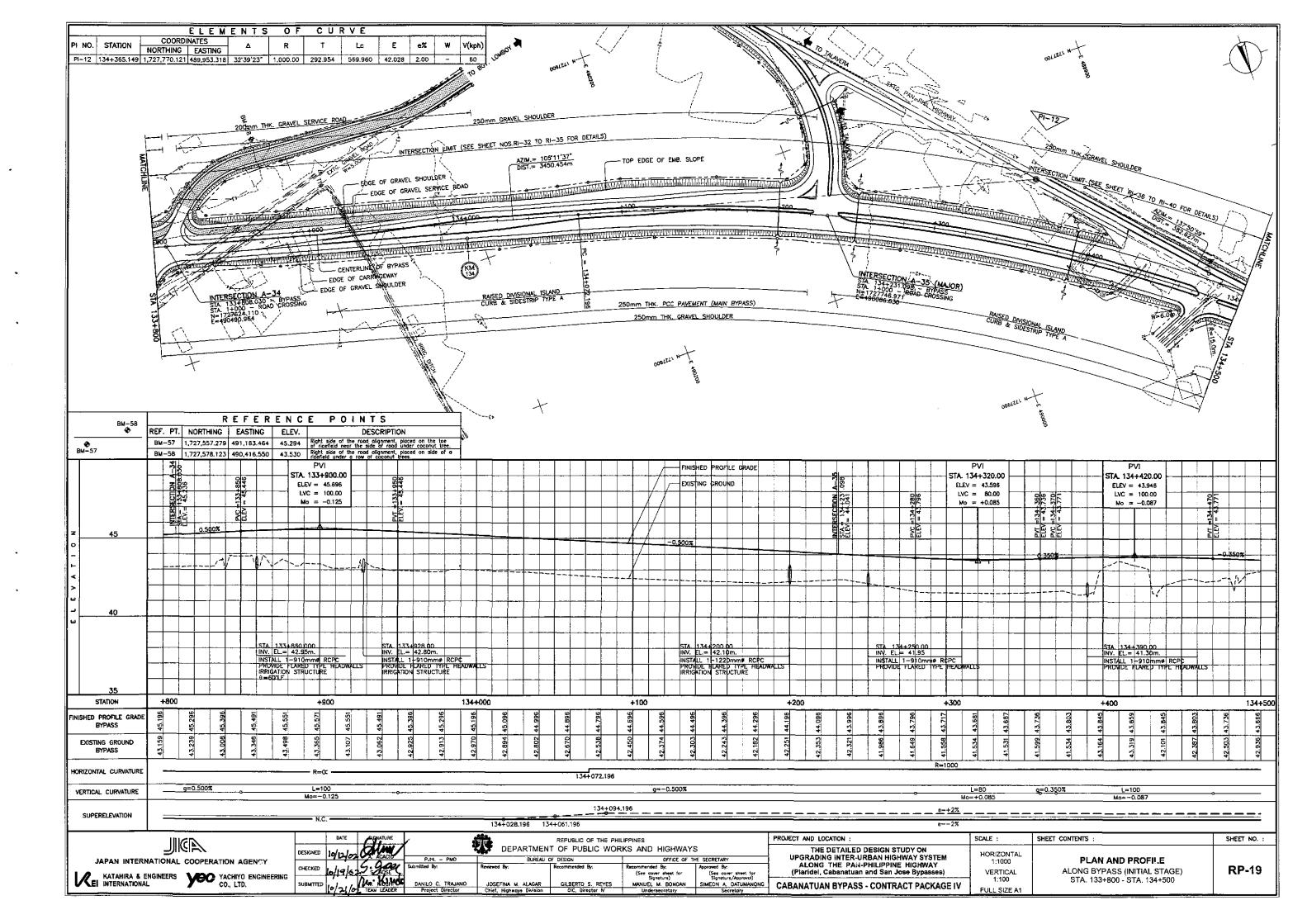
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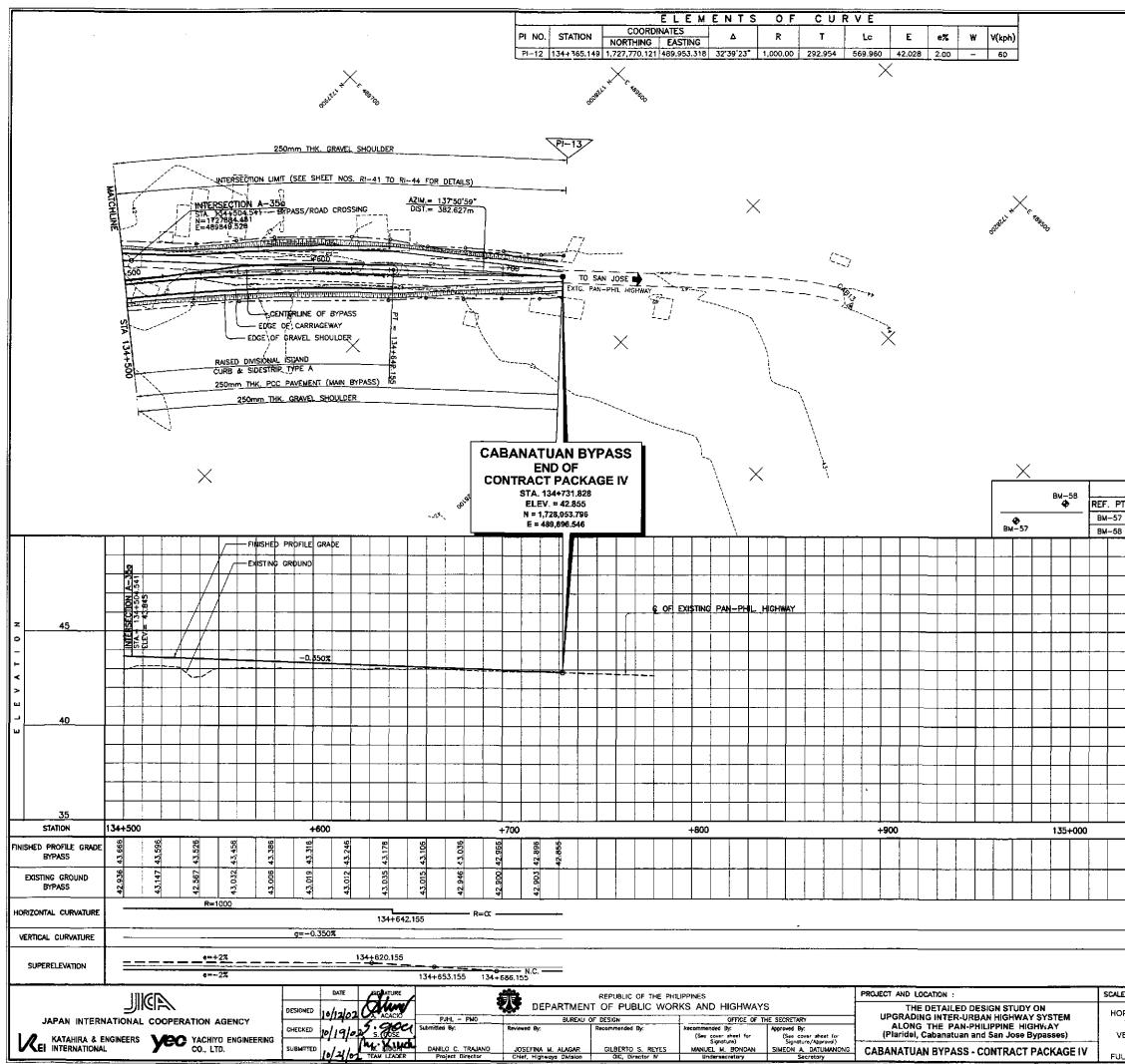
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	REFI	ERENC	× e po	INTS		
T. NORTHI		NG ELEV.	Right side of t	DESCRIPTION	placed on the toe	
3 1,727,578	.123 490,416	.550 43.530	Right side of t ricefield under	he road alignment, a row of coconut	placed on side of trees.	1
					•	
+ $+$ $+$						
	SHEET CON	+100			SHEET NO. :	
E : DRIZONTAL 1:1000 //ERTICAL 1:100	AL	+100		AGE)	SHEET NO. :	

