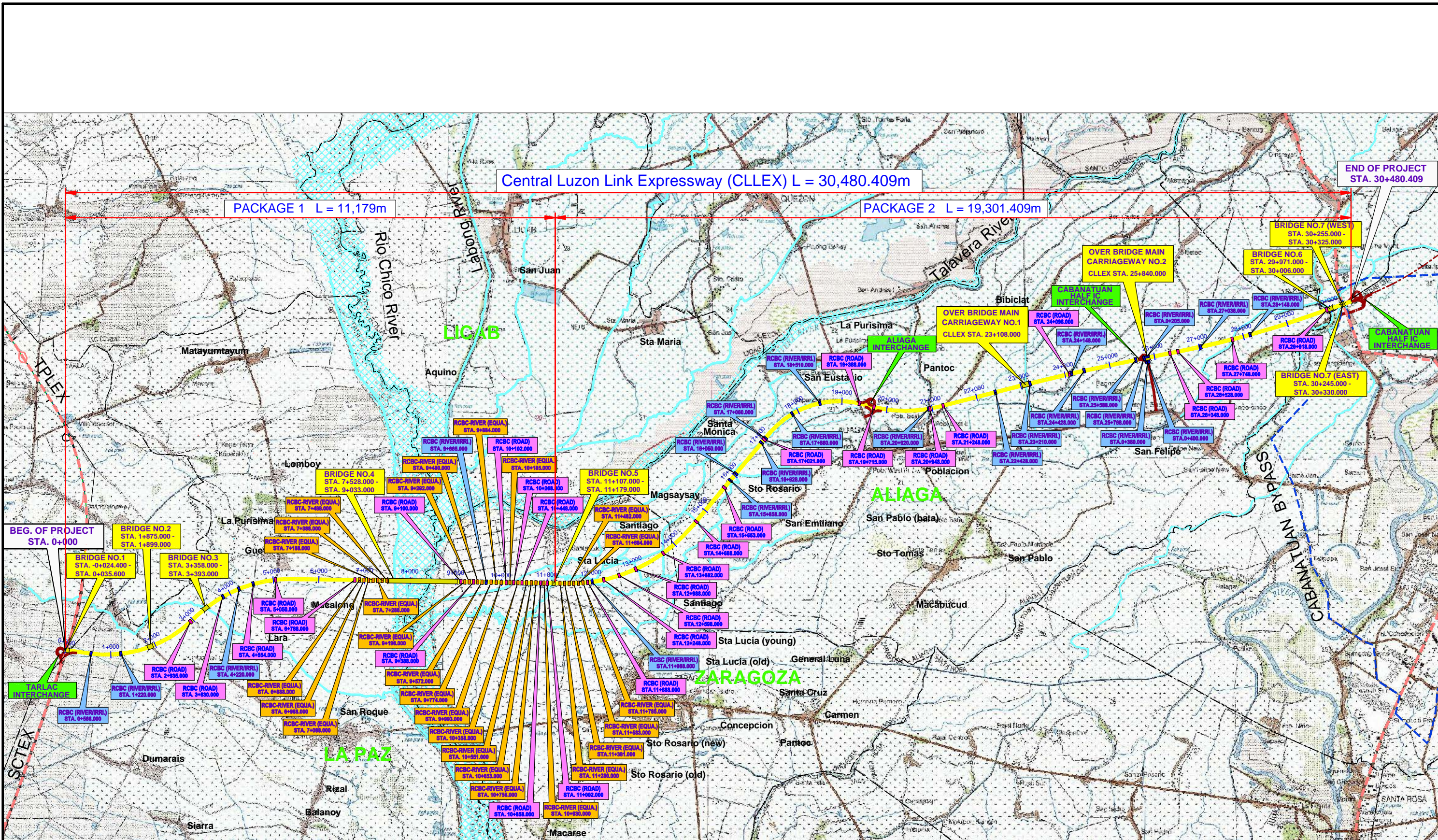


I. BOX CULVERTS

CLLEX (TARLAC - CABANATUAN)



Central Luzon Link Expressway (CLLEX) L = 30,480.409m

PACKAGE 1 L = 11,179m

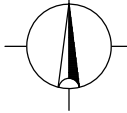
PACKAGE 2 L = 19,301.409m

END OF PROJECT
STA. 30+480.409

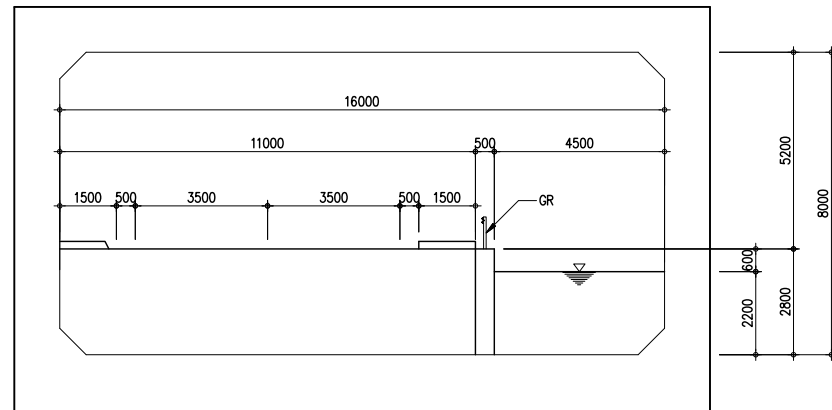
BEG. OF PROJECT
STA. 0+000

LEGEND:

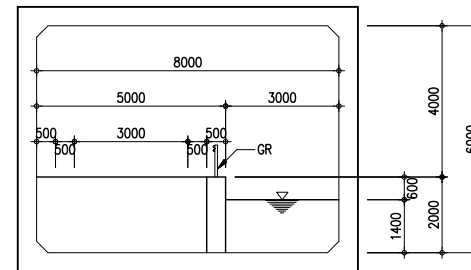
INTERCHANGE	
BRIDGE	
RCBC (ROAD)	
RCBC (RIVER/IRRI.)	
RCBC-RIVER (EQUA.)	



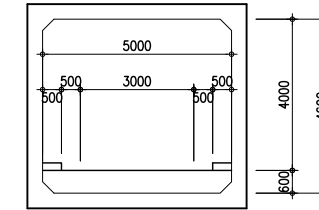
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	SCALE 1:40,000	STRUCTURE LOCATION MAP (BOX CULVERT)	I-00
			SHEET NO.
			1 OF 1



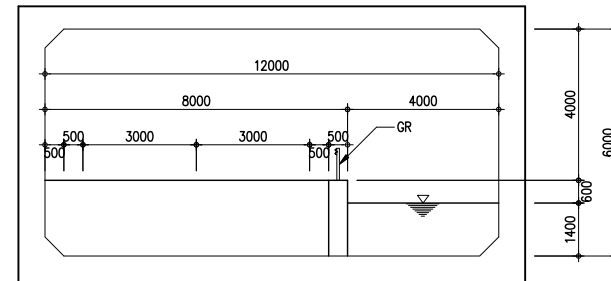
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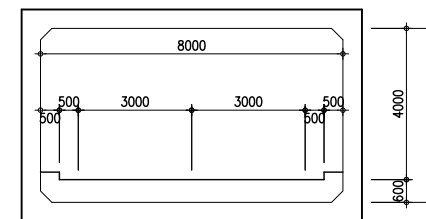
NO. 3



NO. 4



NO. 5

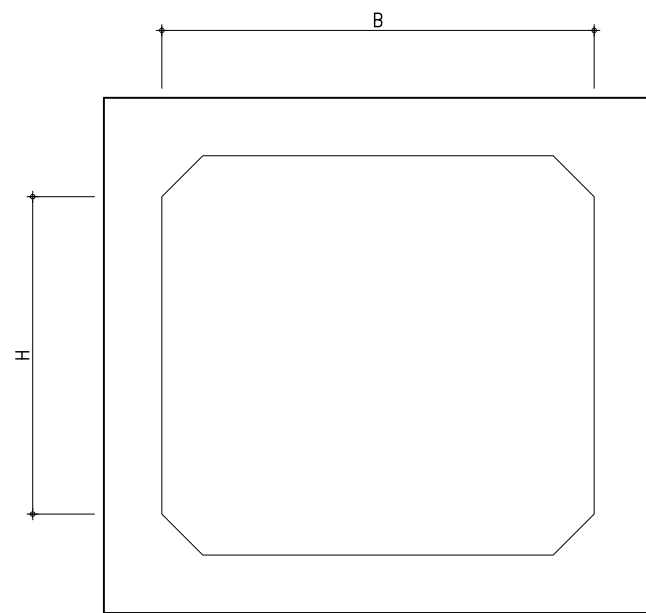


NO. 7

RCBC LIST - ROADWAY

No	Station	Crossing Object	Skew (degrees)	Barrel(s)	Inner Section (mm)		Type No.	Remarks
					S	H		
1	2+935	Farm road	138.00	1	5,000	4,600	No. 3	
2	3+830	Municipal road (paved)	135.00	1	8,000	4,600	No. 7	
3	4+554	Municipal road (paved) with irrigation canal	70.00	1	8,000	6,000	No. 3	
4	5+050	National road: La Paz-Victoria Road (paved) with natural creek	78.00	1	16,000	8,000	No. 1	
5	6+788	Municipal road (earth)	90.00	1	5,000	4,600	No. 4	
6	9+100	Farm road	105.00	1	5,000	4,600	No. 4	
7	9+388	Farm road	100.00	1	5,000	4,600	No. 4	
8	10+102	Farm road	103.00	1	5,000	4,600	No. 4	
9	10+268	Municipal road (earth) with natural creek	40.00	1	12,000	6,000	No. 5	
10	10+448	Farm road with irrigation canal	92.00	1	8,000	6,000	No. 3	
11	10+858	Farm road with irrigation canal	65.00	1	8,000	6,000	No. 3	
12	11+002	Municipal road (paved)	85.00	1	8,000	4,600	No. 7	

PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	NTS	BOX CULVERT FOR ROADWAY (PACKAGE 1)	I-01
			SHEET NO.
			1 OF 2



SINGLE BARREL

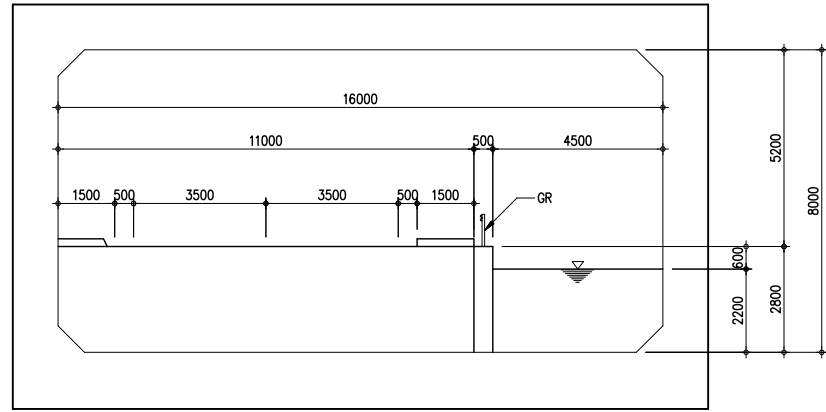
RCBC LIST - RIVER & IRRIGATION

No	Station	Crossing Object	Skew (degrees)	Nos. of Barrels(s)	Inner Section (mm)		Remarks
					Width (B)	Height (H)	
1	0+566	Irrigation canal	90.00	1	3,000	2,400	
2	1+220	Irrigation canal	85.00	1	3,000	2,400	
3	4+220	Irrigation canal	95.00	1	3,000	2,400	
4	9+665	Irrigation canal	100.00	2	3,000	2,400	

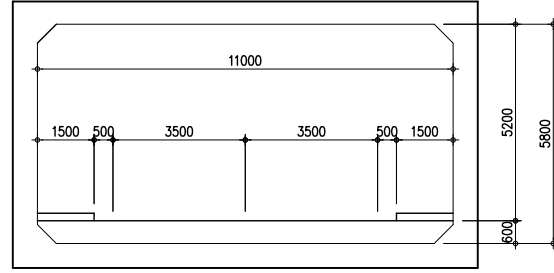
RCBC LIST - RIVER (EQUALIZATION ZONE - For Rio Chico River)

No	Station	Crossing Object	Skew (degrees)	Barrels (s)	Width (m)	Height (m)	Remarks
1	6+888	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
2	6+988	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
3	7+088	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
4	7+188	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
5	7+288	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
6	7+388	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
7	7+488	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
8	9+196	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
9	9+292	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
10	9+480	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
11	9+572	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
12	9+774	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
13	9+884	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
14	9+993	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
15	10+185	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
16	10+358	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
17	10+551	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
18	10+653	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
19	10+756	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
20	10+930	River- RCBC for equalizing zone	90.00	1	3.00	3.00	

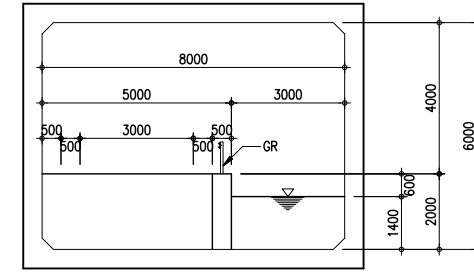
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	NTS	BOX CULVERT FOR RIVER/IRRIGATION (PACKAGE 1)	I-02
			SHEET NO.
			2 OF 2



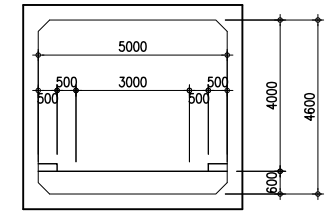
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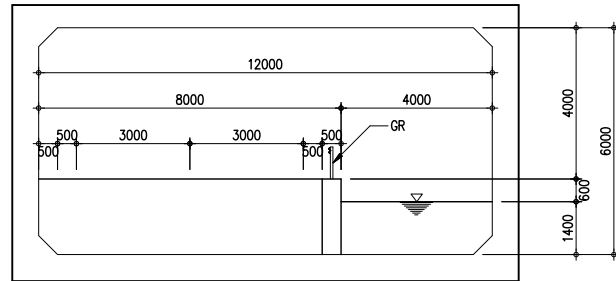
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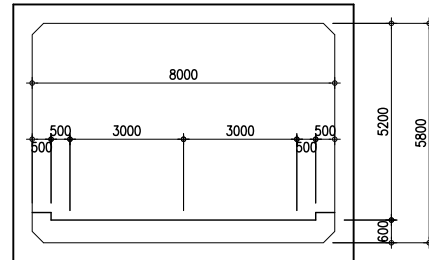
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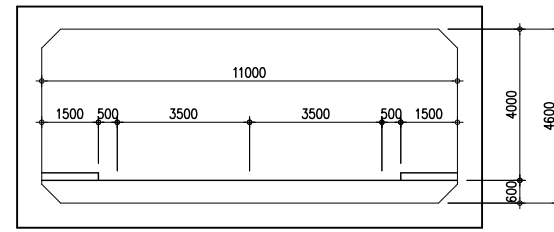
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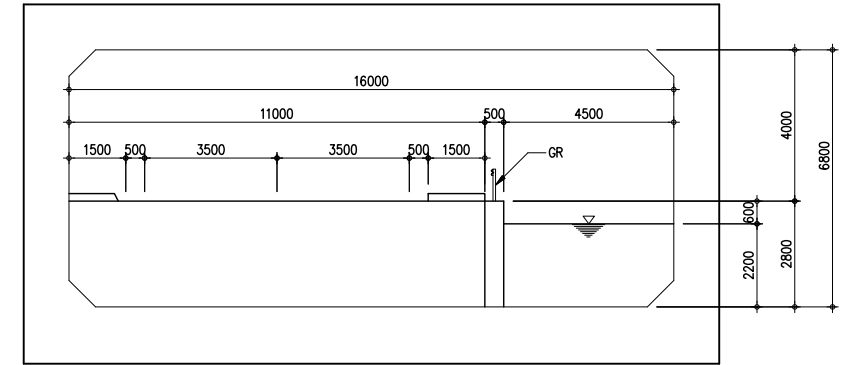
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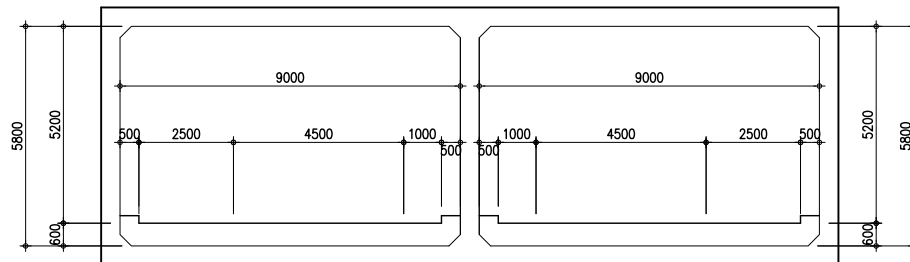
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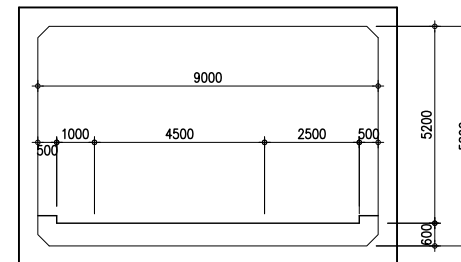
NO. 8



NO. 9



NO. A

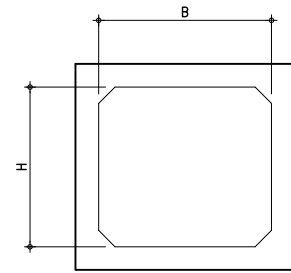


NO. B

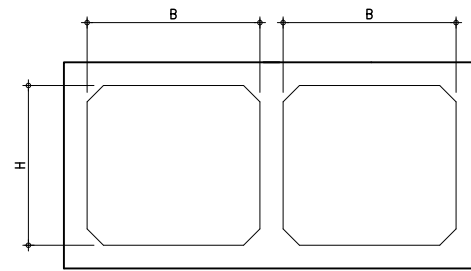
RCBC LIST - ROADWAY

No	Station	Crossing Object	Skew (degrees)	Barrel(s)	Inner Section (mm)		Type No.	Remarks
					S	H		
13	11+888	Farm road with irrigation canal	145.00	1	8,000	6,000	No. 3	
14	12+248	Farm road	67.00	1	5,000	4,600	No. 4	
15	12+598	Farm road	82.00	1	5,000	4,600	No. 4	
16	12+988	Farm road with irrigation canal	80.00	1	8,000	6,000	No. 3	
17	13+682	Municipal road (earth) with natural creek	55.00	1	12,000	6,000	No. 5	
18	14+688	Farm road with irrigation canal	86.00	1	8,000	6,000	No. 3	
19	15+653	Farm road with irrigation canal	60.00	1	8,000	6,000	No. 3	
20	17+021	Farm road	87.00	1	5,000	4,600	No. 4	
21	19+388	Municipal road—Guimba—Aliaga Road (paved)	123.00	1	11,000	5,800	No. 2	
22	19+715	Aliaga Interchange	90.00	2	9,000	5,800	No. A	
23	20+948	Municipal road (paved)	80.00	1	11,000	4,600	No. 8	
24	21+248	Municipal road (paved)	33.00	1	11,000	4,600	No. 8	
25	24+098	Farm road with irrigation canal	60.00	1	12,000	6,000	No. 5	
26	26+348	Municipal road (earth) with irrigation canal	75.00	1	12,000	6,000	No. 5	
27	26+528	Farm road with irrigation canal	65.00	1	8,000	6,000	No. 3	
28	27+748	Municipal road (paved) with irrigation canal	45.00	1	16,000	6,800	No. 9	
29	29+918	Municipal road (paved) with irrigation canal	100.00	1	16,000	8,000	No. 1	

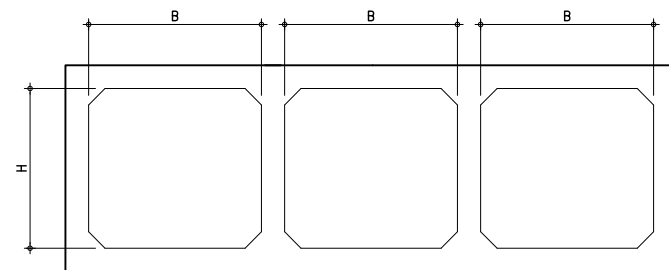
PROJECT TITLE Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	SCALE	SHEET CONTENT	DRAWING NO.
	NTS	BOX CULVERT FOR ROADWAY (PACKAGE 2)	I-03
			SHEET NO. 1 OF 2



SINGLE BARREL



DOUBLE BARREL



TRIPLE BARREL

RCBC LIST - RIVER (EQUALIZATION ZONE - For Rio Chico River)

No	Station	Crossing Object	Skew (degrees)	Barrels (s)	Width (m)	Height (m)	Remarks
21	11+280	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
22	11+381	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
23	11+482	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
24	11+583	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
25	11+684	River- RCBC for equalizing zone	90.00	1	3.00	3.00	
26	11+785	River- RCBC for equalizing zone	90.00	1	3.00	3.00	

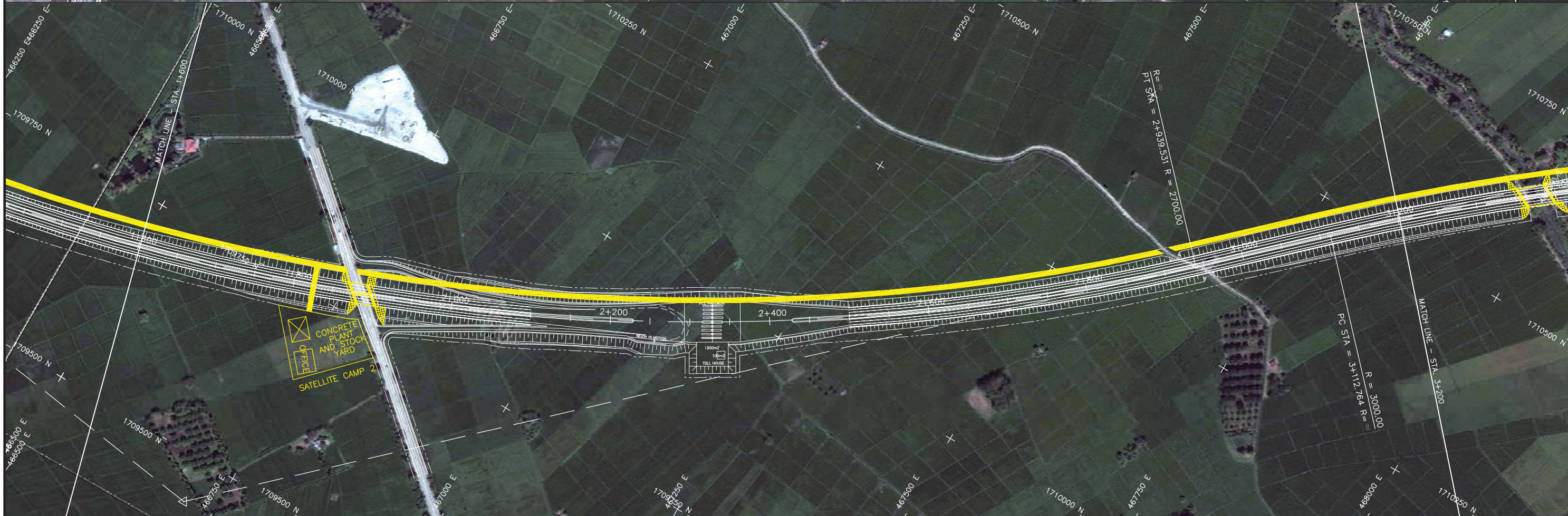
RCBC LIST - RIVER & IRRIGATION

No	Station	Crossing Object	Skew (degrees)	Nos. of Barrels(s)	Inner Section (mm)		Remarks
					B	H	
5	11+988	River-Natural creek	145.00	1	3,000	2,400	
6	15+858	Irrigation canal	120.00	1	2,400	2,100	
7	16+050	River-Natural creek	75.00	3	3,000	2,750	
8	16+928	River-Natural creek	120.00	2	2,400	2,400	
9	17+060	River-Natural creek	135.00	1	2,400	1,800	
10	17+860	River-Natural creek	75.00	2	3,000	2,100	
11	18+510	Irrigation canal	120.00	1	2,400	2,100	
12	20+920	River-Natural creek	75.00	3	3,000	2,400	
13	22+428	Irrigation canal	90.00	2	2,400	2,100	
14	23+210	Irrigation canal	120.00	2	2,400	2,100	
15	24+148	Irrigation canal	90.00	1	3,000	2,400	
16	24+428	Irrigation canal	35.00	1	3,000	2,400	
17	25+588	Irrigation canal	110.00	1	2,400	2,100	
18	25+768	Irrigation canal	47.00	1	3,000	2,400	
19	0+205	Irrigation canal	85.00	1	3,000	2,400	Cabanatuan Half IC STA.
20	0+380	Irrigation canal	80.00	1	3,000	2,400	Cabanatuan Half IC STA.
21	0+400	Irrigation canal	75.00	1	3,000	2,400	Cabanatuan Half IC STA.
22	27+038	River-Natural creek	40.00	3	3,000	2,750	
23	28+148	Irrigation canal	35.00	2	2,400	2,100	

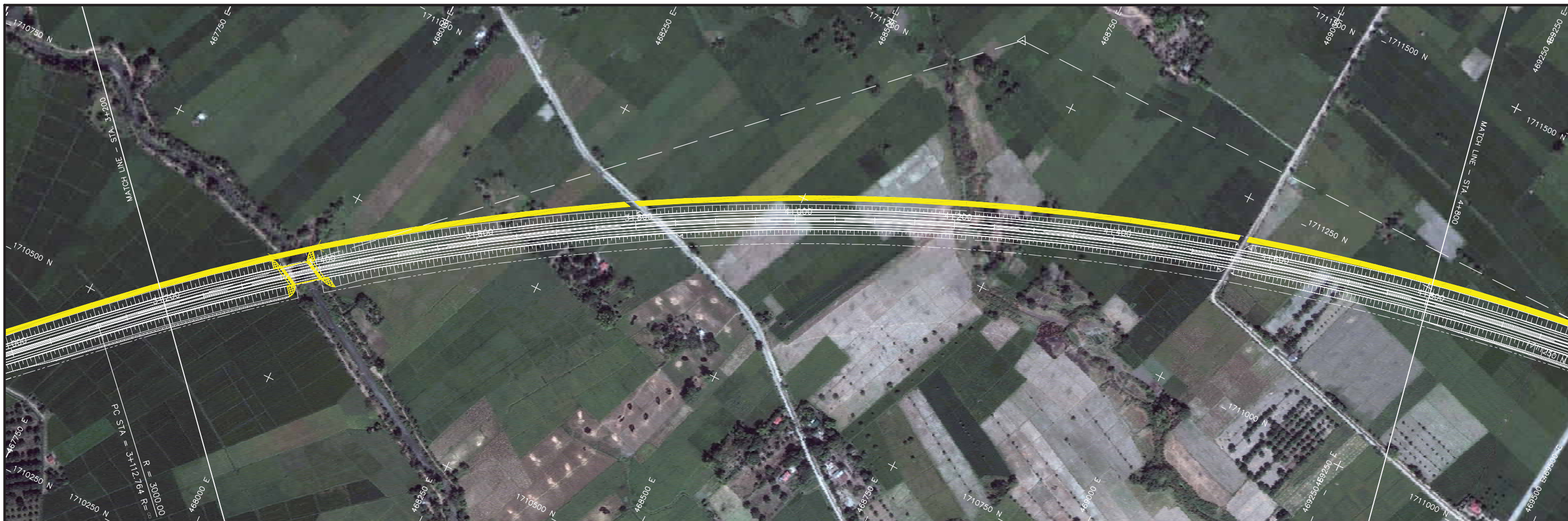
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	NTS	BOX CULVERT FOR RIVER/IRRIGATION (PACKAGE 2)	I-04
			SHEET NO.
			2 OF 2

J. CONSTRUCTION ROAD PLAN

CLLEX (TARLAC - CABANATUAN)



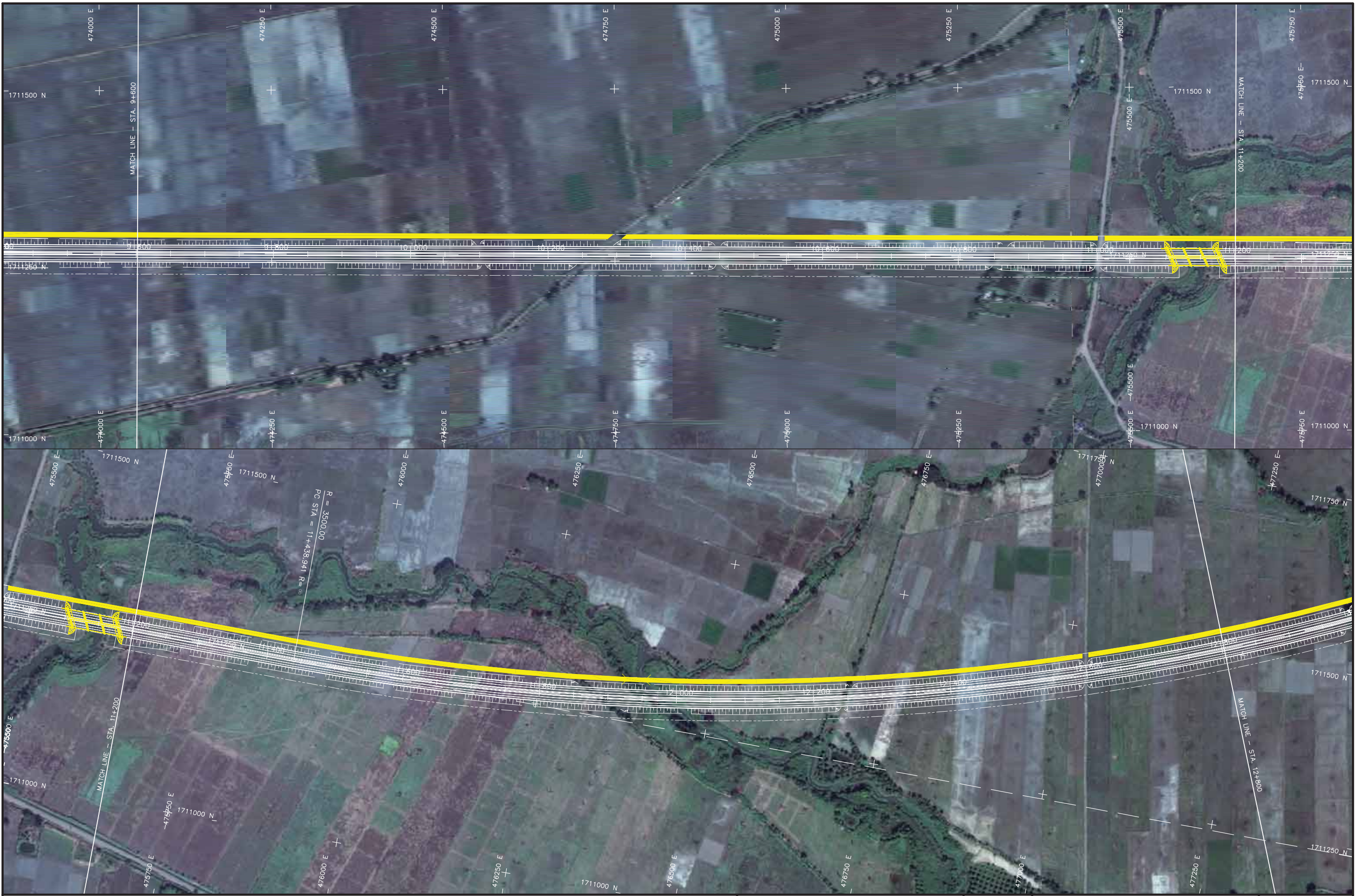
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 0+000-STA. 3+200	J-01
			SHEET NO.
			1 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 3+200-STA. 6+400	J-02
			SHEET NO.
			2 OF 10



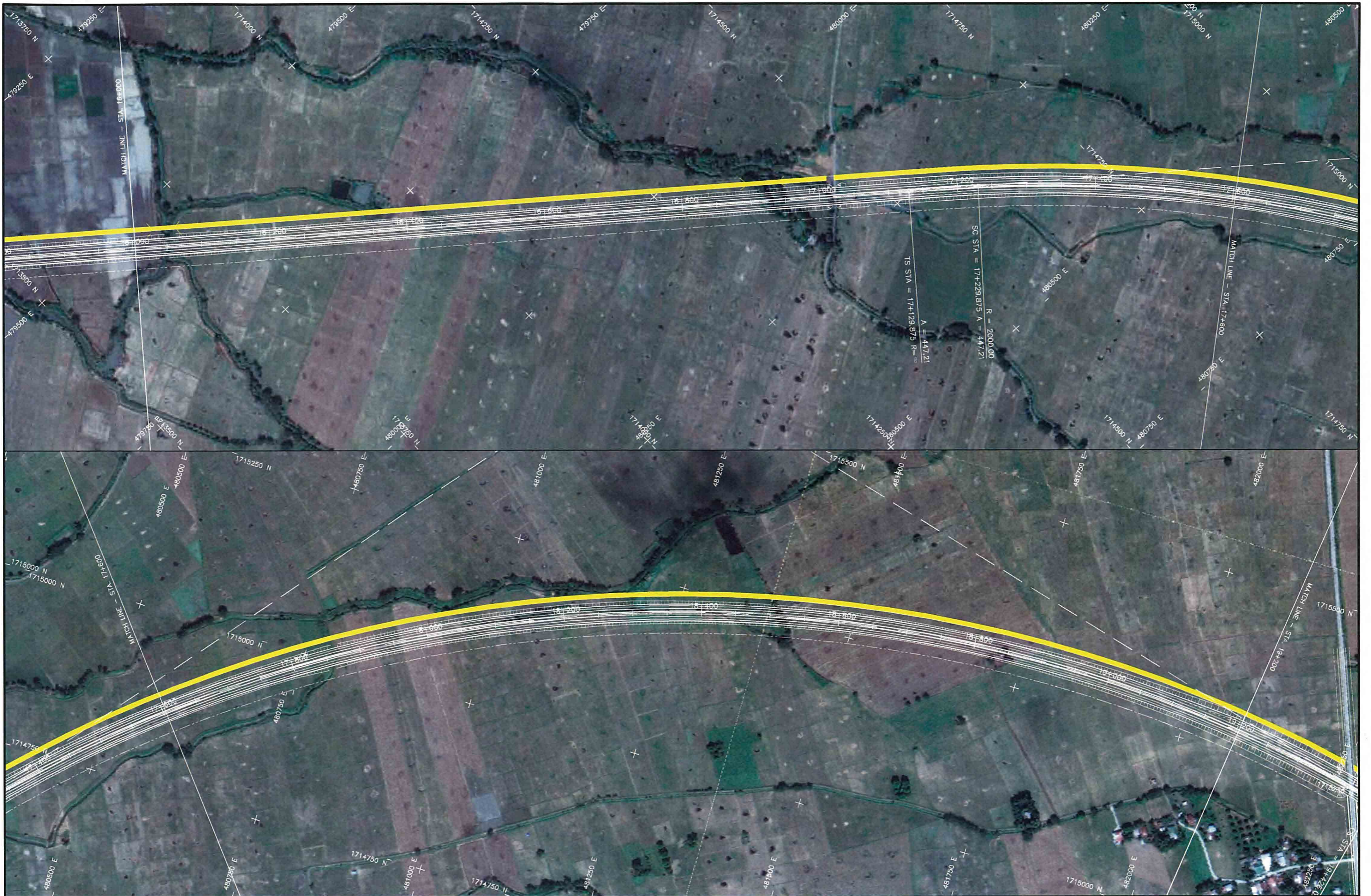
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 6+400-STA. 9+600	J-03
			SHEET NO.
			3 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 9+600-STA. 12+800	J-04 SHEET NO. 4 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 12+800-STA. 16+000	J-05 SHEET NO. 5 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 16+000-STA. 19+200	J-06
			SHEET NO.
			6 OF 10



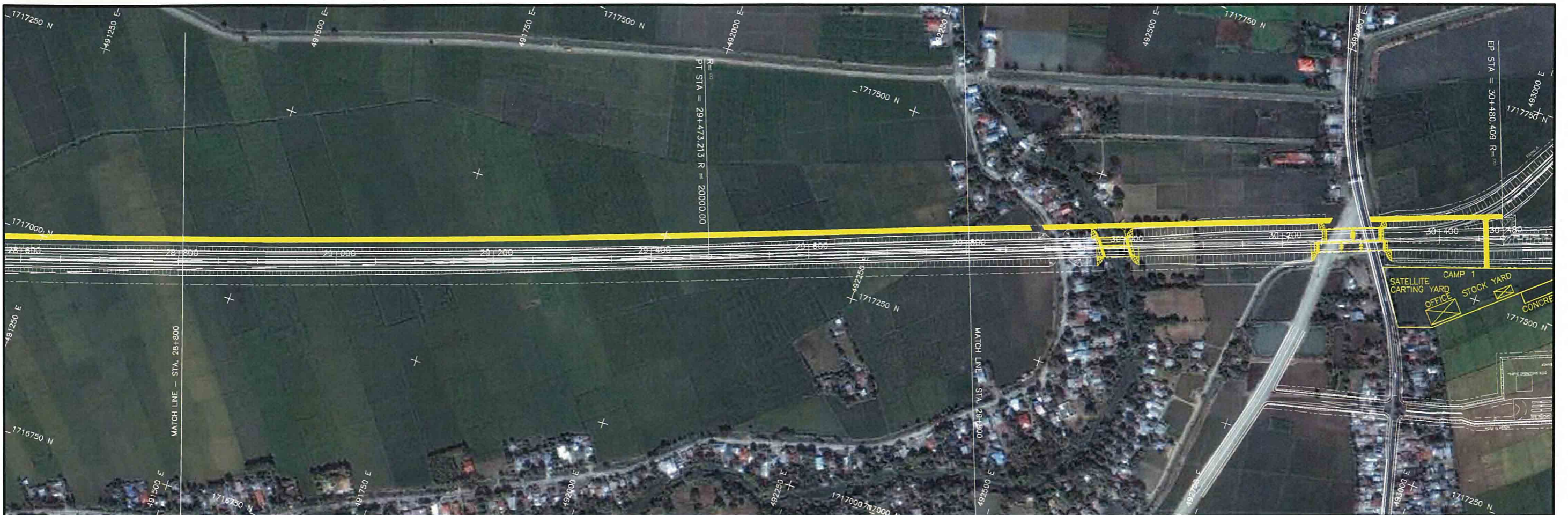
PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 19+200-STA. 22+400	J-07
			SHEET NO.
			7 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 22+400-STA. 25+600	J-08
			SHEET NO.
			8 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 25+600-STA. 28+800	J-09
			SHEET NO.
			9 OF 10



PROJECT TITLE	SCALE	SHEET CONTENT	DRAWING NO.
Preparatory survey for expressway project in Mega Manila Region CLLEX (TARLAC - CABANATUAN)	1:2500	CONSTRUCTION ROAD PLAN STA. 28+800-STA. 30+480.409	J-10
			SHEET NO. 10 OF 10