

DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA
GREATER COLOMBO ECONOMIC COMMISSION

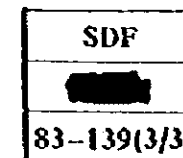
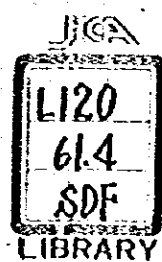
**THE FEASIBILITY STUDY
ON
COLOMBO-KATUNAYAKE EXPRESSWAY
AND
NEW PORT ACCESS ROAD
CONSTRUCTION PROJECT**

FINAL REPORT

DRAWINGS

JANUARY 1984

JAPAN INTERNATIONAL COOPERATION AGENCY



DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA
GREATER COLOMBO ECONOMIC COMMISSION

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JAPAN INTERNATIONAL COOPERATION AGENCY

国際協力事業団	
受入 月日 '84. 3. 29	L120
登録No. 10154	61.4 SDF

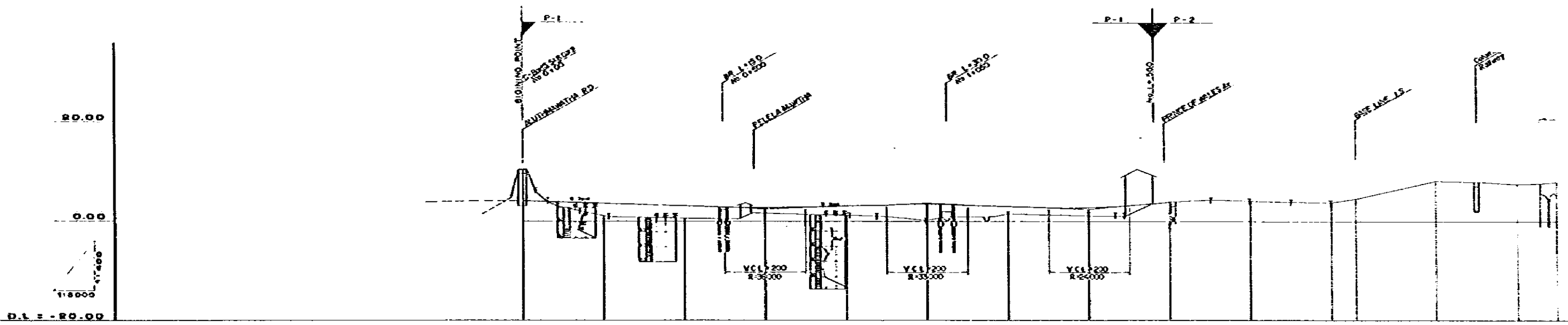
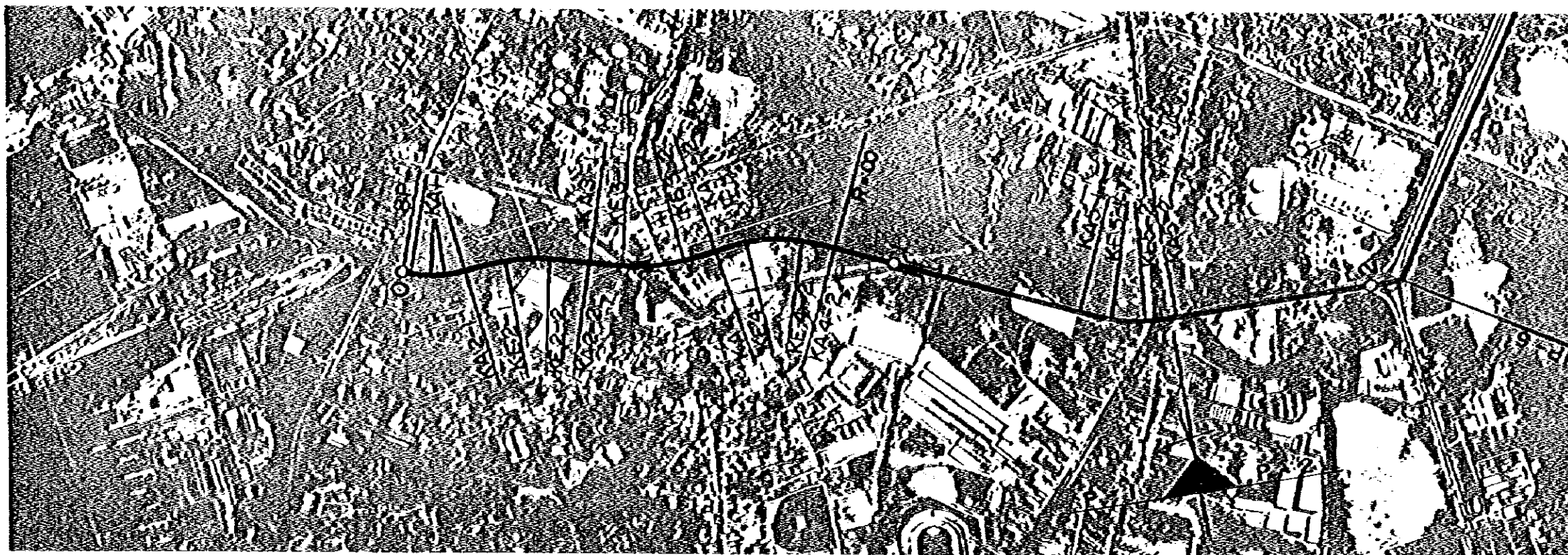
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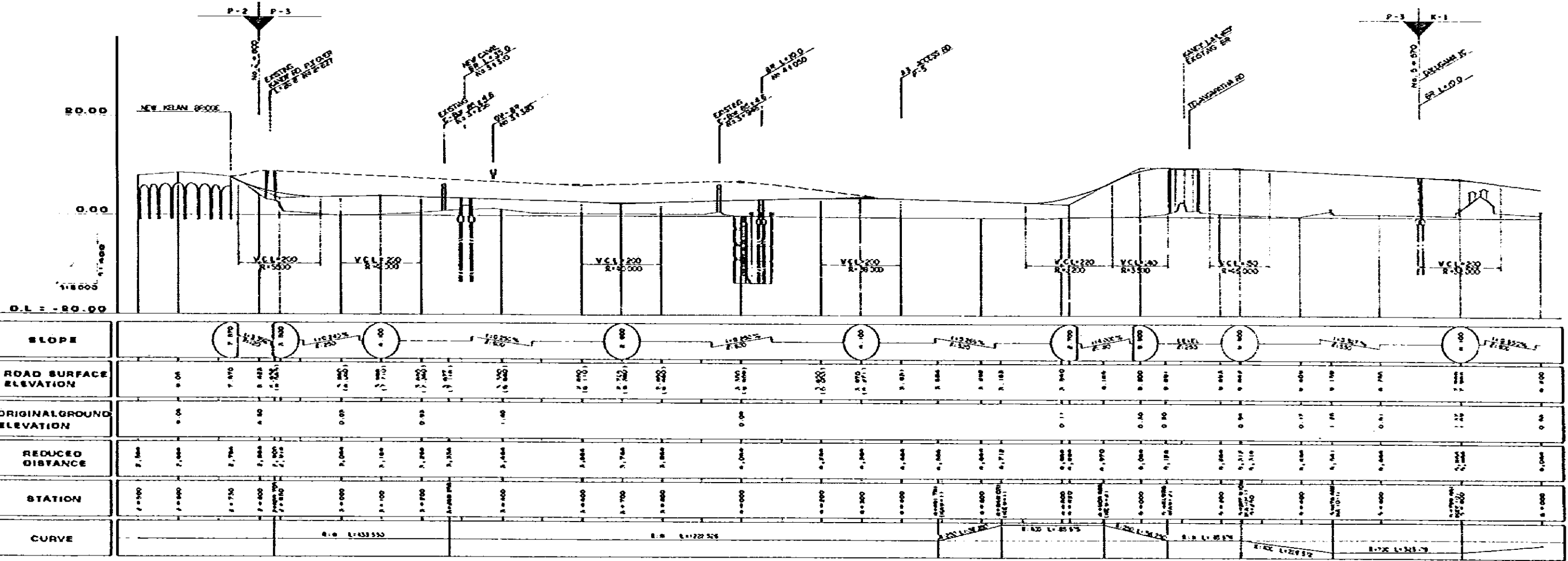


1030569(3)



STATION	REDUCED DISTANCE	ORIGINAL GROUND ELEVATION	ROAD SURFACE ELEVATION	SLOPE
0+000	0.00	10.47	10.47	0.00%
0+100	100	9.85	9.85	1.20%
0+200	200	9.20	9.20	2.40%
0+300	300	8.50	8.50	3.60%
0+400	400	7.80	7.80	4.80%
0+500	500	7.10	7.10	6.00%
0+600	600	6.40	6.40	7.20%
0+700	700	5.70	5.70	8.40%
0+800	800	5.00	5.00	9.60%
0+900	900	4.30	4.30	10.80%
1+000	1000	3.60	3.60	12.00%
1+100	1100	2.90	2.90	13.20%
1+200	1200	2.20	2.20	14.40%
1+300	1300	1.50	1.50	15.60%
1+400	1400	0.80	0.80	16.80%
1+500	1500	0.10	0.10	18.00%
1+600	1600	0.40	0.40	19.20%
1+700	1700	0.70	0.70	20.40%
1+800	1800	1.00	1.00	21.60%
1+900	1900	1.30	1.30	22.80%
2+000	2000	1.60	1.60	24.00%
2+100	2100	1.90	1.90	25.20%
2+200	2200	2.20	2.20	26.40%
2+300	2300	2.50	2.50	27.60%
2+400	2400	2.80	2.80	28.80%
2+500	2500	3.10	3.10	30.00%
2+600	2600	3.40	3.40	31.20%
2+700	2700	3.70	3.70	32.40%
2+800	2800	4.00	4.00	33.60%
2+900	2900	4.30	4.30	34.80%
3+000	3000	4.60	4.60	36.00%

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE PEASANTS STUDENT GREENS NATIONAL EXPRESSWAY AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING PLAN AND PROFILE	
PREPARED CHECKED	APPROVED DATE JANUARY 1984	DES. NO. 2	



STATION	7+000	7+100	7+200	7+300	7+400	7+500	7+600	7+700	7+800	7+900	8+000	8+100	8+200	8+300	8+400	8+500	8+600	8+700	8+800	8+900	9+000	
ROAD SURFACE ELEVATION	0.00	7.870	8.488	10.000	11.710	13.500	15.270	17.000	18.700	20.380	22.000	23.570	25.000	26.380	27.600	28.670	29.500	30.000	30.200	30.100	29.800	29.200
ORIGINAL GROUND ELEVATION	0.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REDUCED DISTANCE	7.000	7.000	7.700	7.800	7.900	8.000	8.100	8.200	8.300	8.400	8.500	8.600	8.700	8.800	8.900	9.000	9.100	9.200	9.300	9.400	9.500	9.600
SLOPE		7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
CURVE				R=100 L=333.55																		

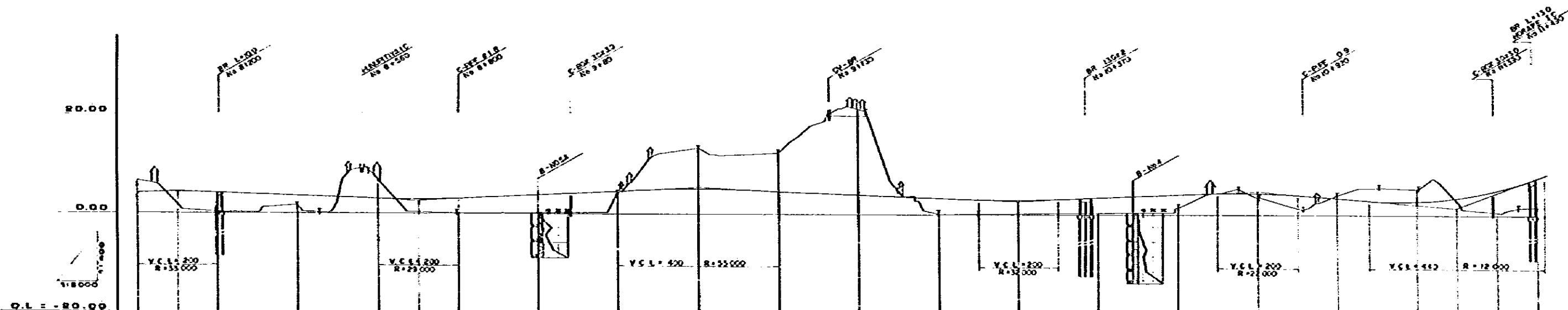
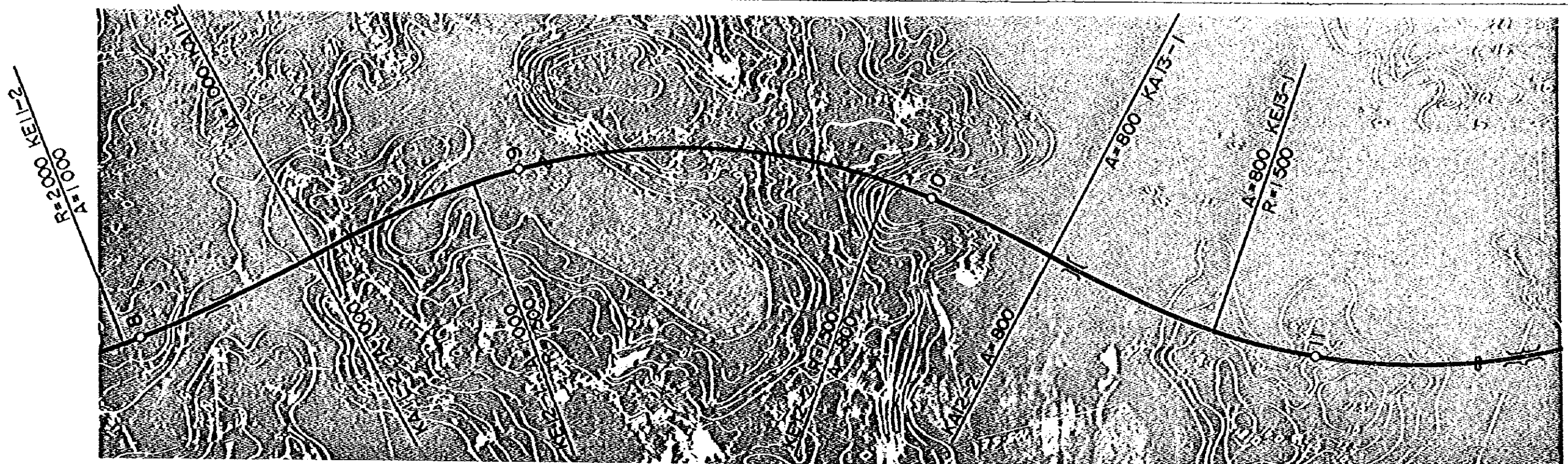
DEMOCRATIC SOCIALIST REPUBLIC OF GUINEA
 THE PEACE AND COOPERATION COMMISSION
 GUINEA INTER-AGENCY COOPERATION AGENCY

TITLE OF DRAWING
 PLAN AND PROFILE

PREPARED
 CHECKED

APPROVED
 DATE JANUARY 1984

CODE NO.
 3



STATION	REDUCED DISTANCE	ORIGINAL GROUND ELEVATION	ROAD SURFACE ELEVATION	SLOPE	CURVE
8+000	0+000	6.71	4.200	0.100	A=1000 L=530.300
8+100	0+100	6.70	3.800	0.100	
8+200	0+200	6.77	3.477	0.100	
8+300	0+300	6.74	3.154	0.100	
8+400	0+400	6.97	2.831	0.100	
8+500	0+500	6.10	2.508	0.100	
8+600	0+600	6.24	2.185	0.100	
8+700	0+700	6.22	1.862	0.100	
8+800	0+800	6.26	1.539	0.100	
8+900	0+900	6.26	1.216	0.100	
9+000	1+000	6.26	0.893	0.100	
9+100	1+100	6.26	0.570	0.100	
9+200	1+200	6.26	0.247	0.100	
9+300	1+300	6.26	0.000	0.100	
9+400	1+400	6.26	0.247	0.100	
9+500	1+500	6.26	0.570	0.100	
9+600	1+600	6.26	0.893	0.100	
9+700	1+700	6.26	1.216	0.100	
9+800	1+800	6.26	1.539	0.100	
9+900	1+900	6.26	1.862	0.100	
10+000	2+000	6.26	2.185	0.100	
10+100	2+100	6.26	2.508	0.100	
10+200	2+200	6.26	2.831	0.100	
10+300	2+300	6.26	3.154	0.100	
10+400	2+400	6.26	3.477	0.100	
10+500	2+500	6.26	3.800	0.100	
10+600	2+600	6.26	4.123	0.100	
10+700	2+700	6.26	4.446	0.100	
10+800	2+800	6.26	4.769	0.100	
10+900	2+900	6.26	5.092	0.100	
11+000	3+000	6.26	5.415	0.100	
11+100	3+100	6.26	5.738	0.100	
11+200	3+200	6.26	6.061	0.100	
11+300	3+300	6.26	6.384	0.100	
11+400	3+400	6.26	6.707	0.100	
11+500	3+500	6.26	7.030	0.100	
11+600	3+600	6.26	7.353	0.100	
11+700	3+700	6.26	7.676	0.100	
11+800	3+800	6.26	8.000	0.100	
11+900	3+900	6.26	8.323	0.100	
12+000	4+000	6.26	8.646	0.100	

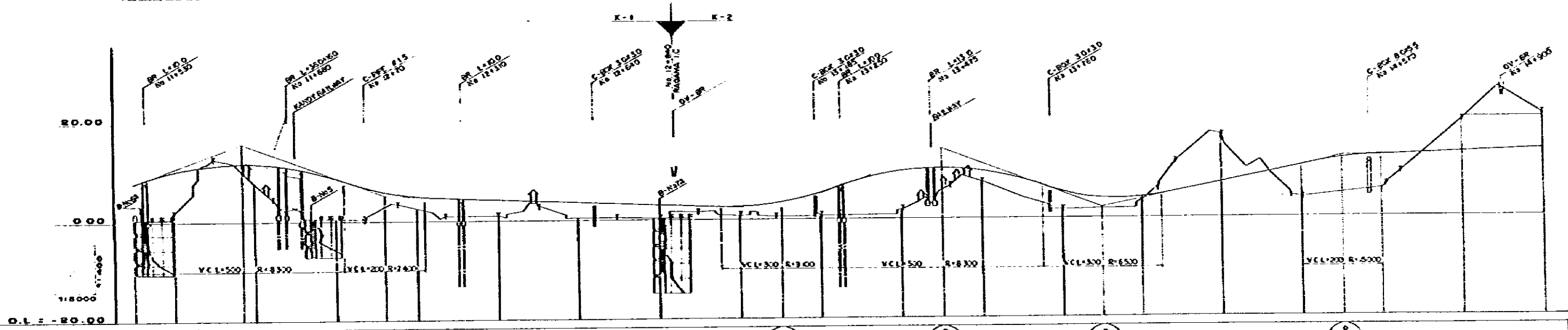
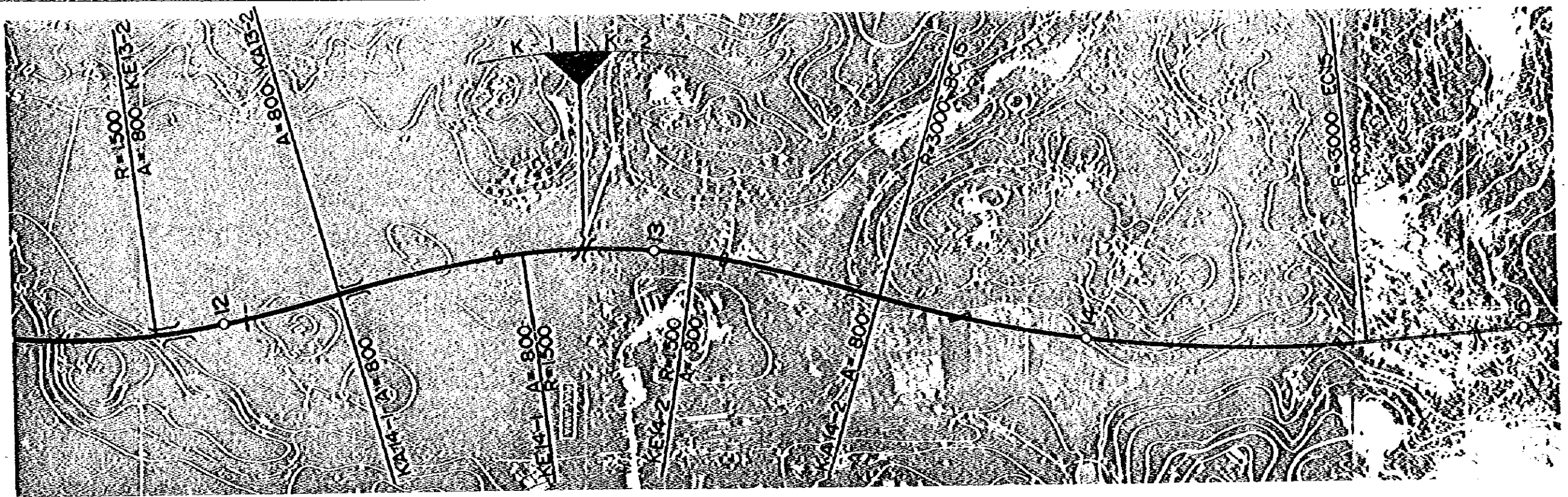
DEMOCRATIC PEOPLE'S REPUBLIC OF SPAIN
 THE HEADQUARTERS OF THE ECONOMIC COOPERATION
 AND DEVELOPMENT ORGANIZATION
 CONSTRUCTION PROJECT

TITLE OF DRAWING
 PLAN AND PROFILE

PREPARED BY
 CHECKED BY

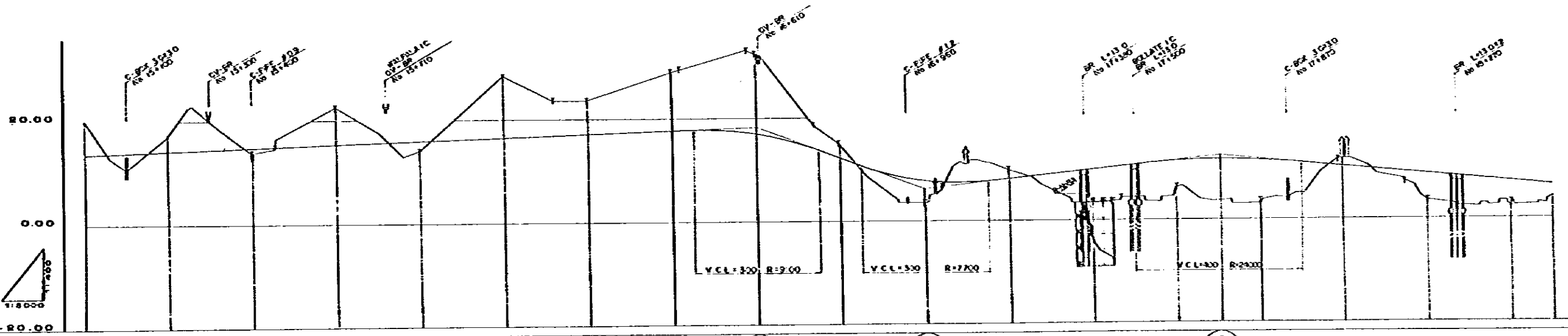
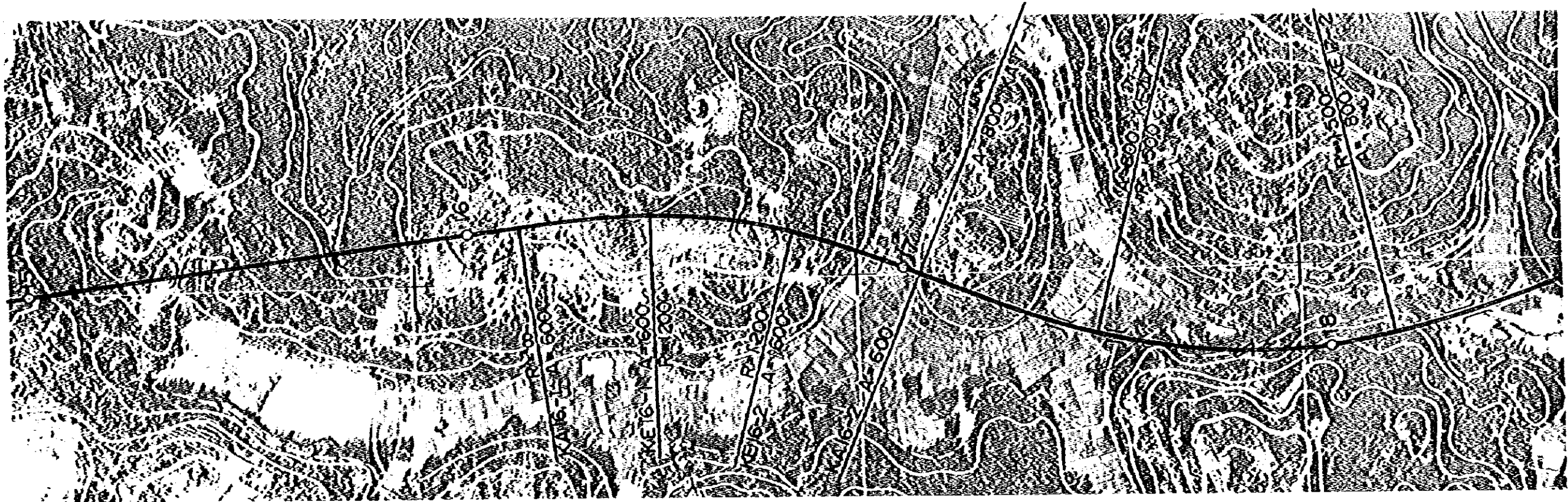
APPROVED DATE JAN 20 1954

CRS. NO.
 5



SLOPE	+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40		+1.30% 1:40							
ROAD SURFACE ELEVATION	7.81	10.818	11.884	11.954	9.770	8.883	8.740	8.343	8.751	8.821	8.118	8.444	8.311	8.388	8.890	10.433	9.880	9.363	8.094	7.100	10.343	12.000	12.900	
ORIGINAL GROUND ELEVATION	7.82	7.78	7.82	8.02		1.11			0.48	0.61	0.74	0.78	0.78	0.70	0.87	0.76	0.74	1.74	3.71	10.43	8.94	5.88	12.82	12.82
REDUCED DISTANCE	11.764	11.444	11.284	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004	11.004
STATION	11+000	11+500	11+750	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800	11+800
CURVE			A=800 L=126.647				A=800 L=126.647				A=800 L=126.647				A=800 L=126.647				A=800 L=126.647				A=800 L=126.647	

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE ROAD DEVELOPMENT AND MAINTENANCE CORPORATION AND NEW PAVEMENT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING PLAN AND PROFILE	
PREPARED CHECKED	APPROVED DATE JANUARY 1984	605/83	6

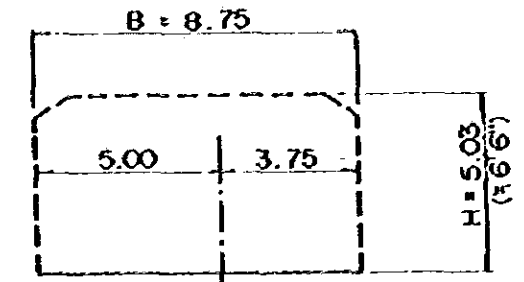


SLOPE																		
ROAD SURFACE ELEVATION	15.400	16.100	16.700	17.300	17.900	18.500	19.100	19.700	20.300	20.900	21.500	22.100	22.700	23.300	23.900	24.500	25.100	25.700
ORIGINAL GROUND ELEVATION	20.80	16.46	15.75	17.45	18.05	18.45	19.15	19.85	20.55	21.25	21.95	22.65	23.35	24.05	24.75	25.45	26.15	26.85
REDUCED DISTANCE	15.000	15.200	15.400	15.600	15.800	16.000	16.200	16.400	16.600	16.800	17.000	17.200	17.400	17.600	17.800	18.000	18.200	18.400
STATION	14+000	14+200	14+400	14+600	14+800	15+000	15+200	15+400	15+600	15+800	16+000	16+200	16+400	16+600	16+800	17+000	17+200	17+400
CURVE	R=100						R=300						R=600					

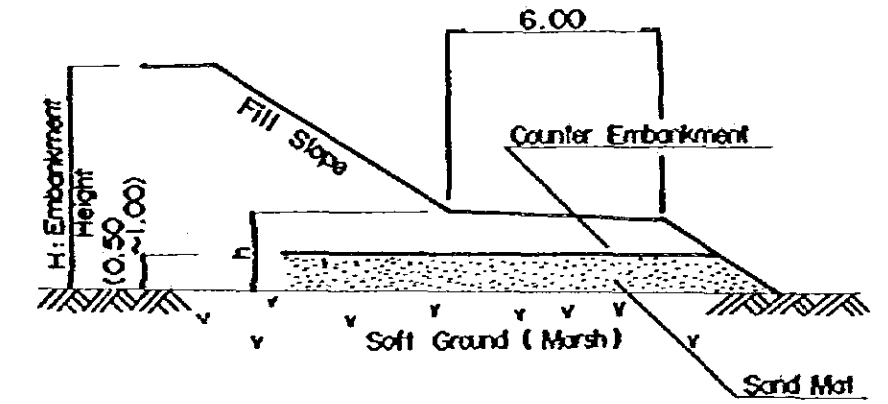
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PREPARED CHECKED	APPROVED DATE JANUARY 1984	606.02	7

2-WAY, 4-LANE
(DALUGAMA IC. ~ KIPZ IC.)

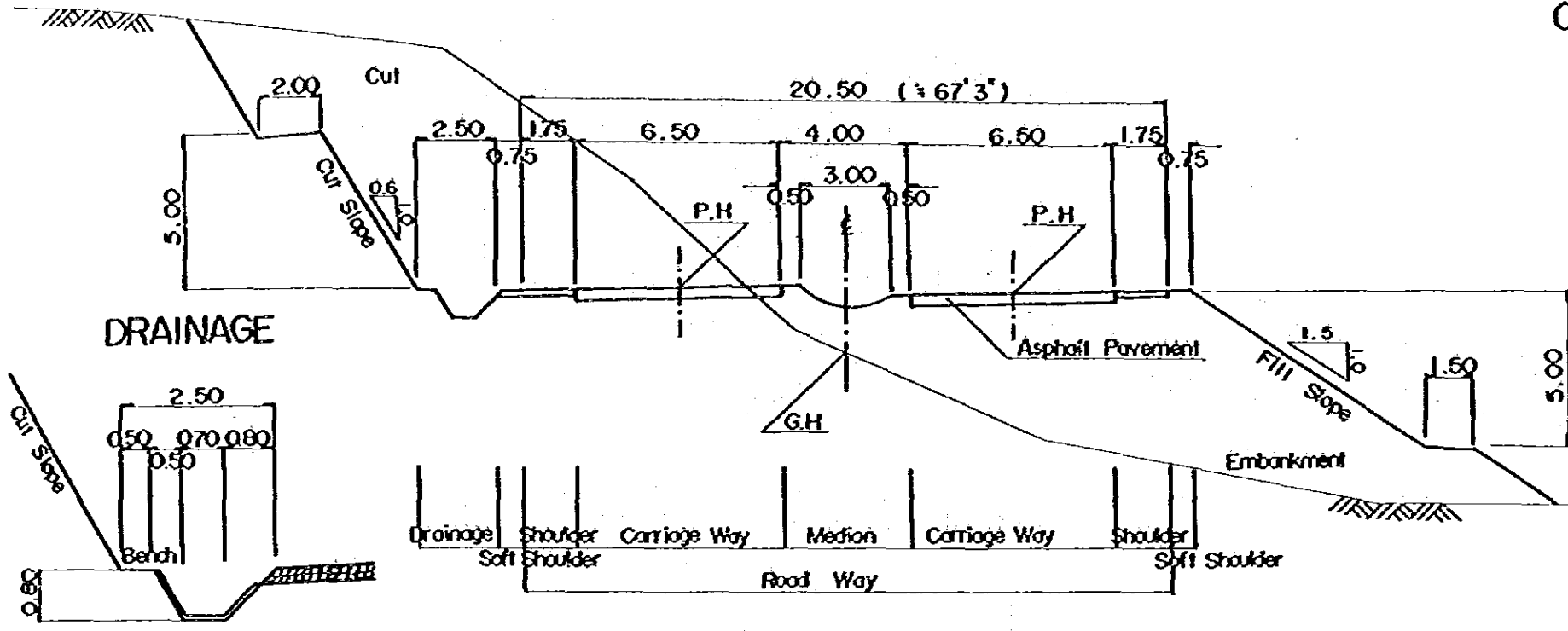
CLEARANCE



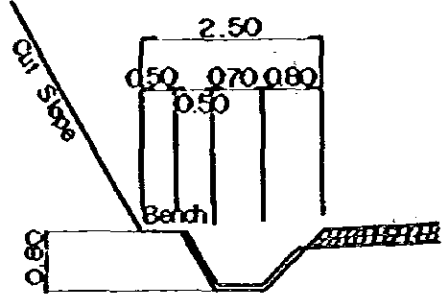
COUNTER EMBANKMENT



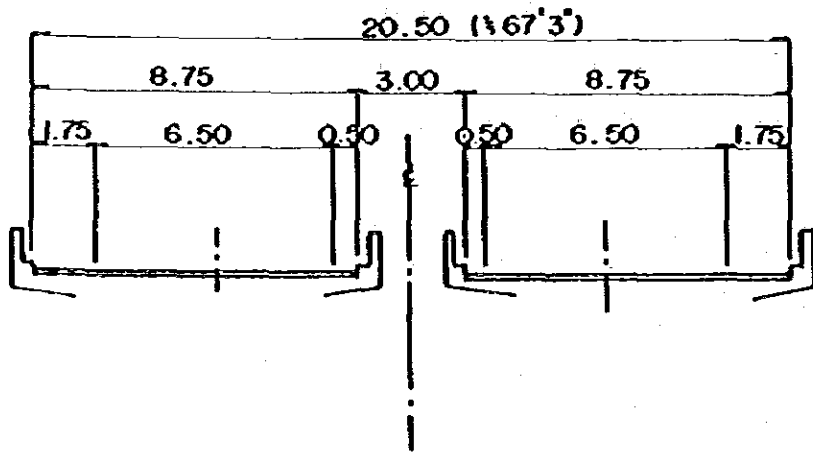
$h = \text{Counter Embankment Height}$
 $(h = \frac{1}{3} \times H, h_{\min} = 1.5M)$



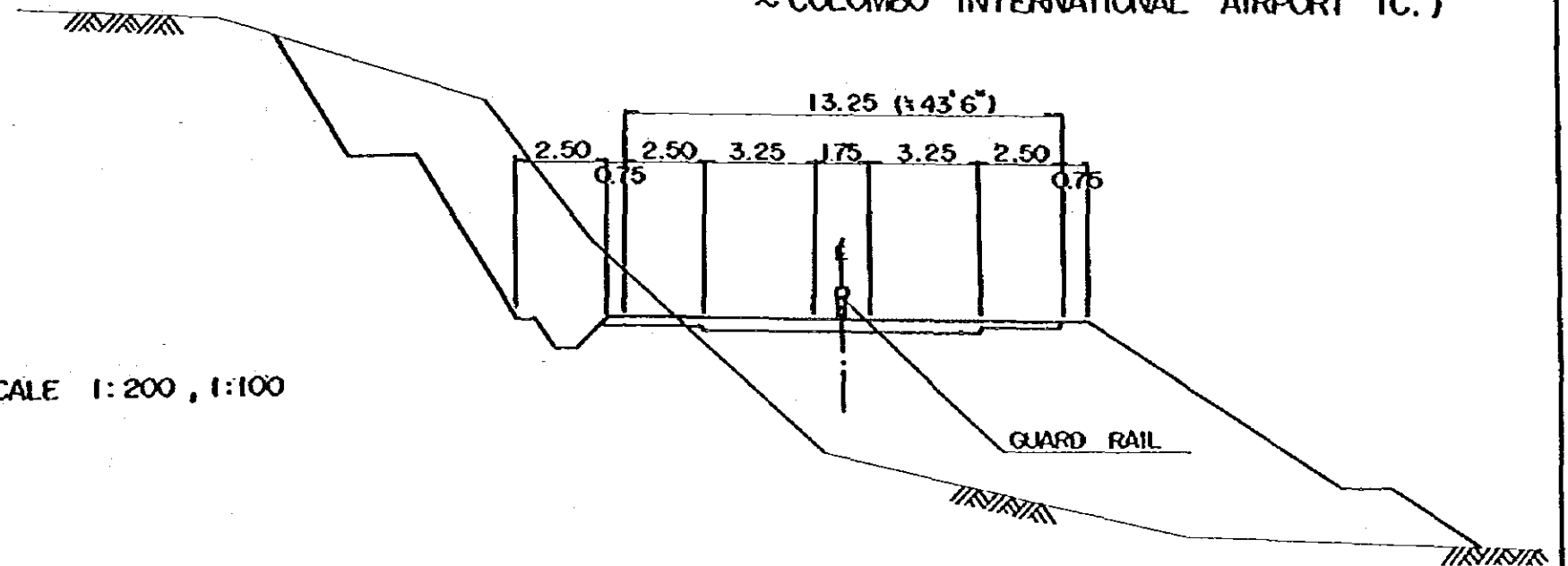
DRAINAGE



2-WAY, 4-LANE
(BRIDGE SECTION)



2-WAY, 2-LANE
(KIPZ IC. ~ COLOMBO INTERNATIONAL AIRPORT IC.)

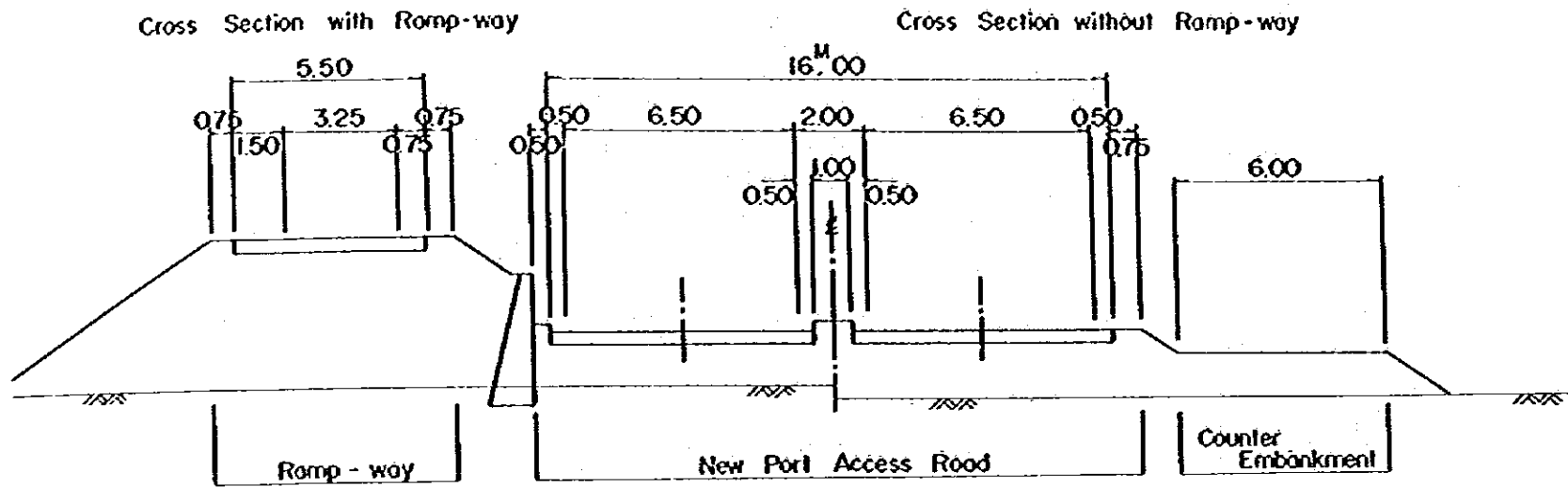


SCALE 1:200, 1:100

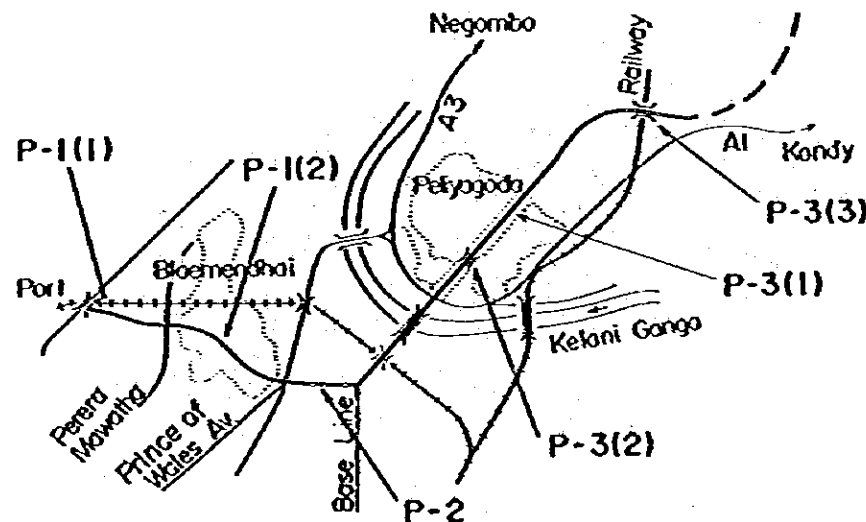
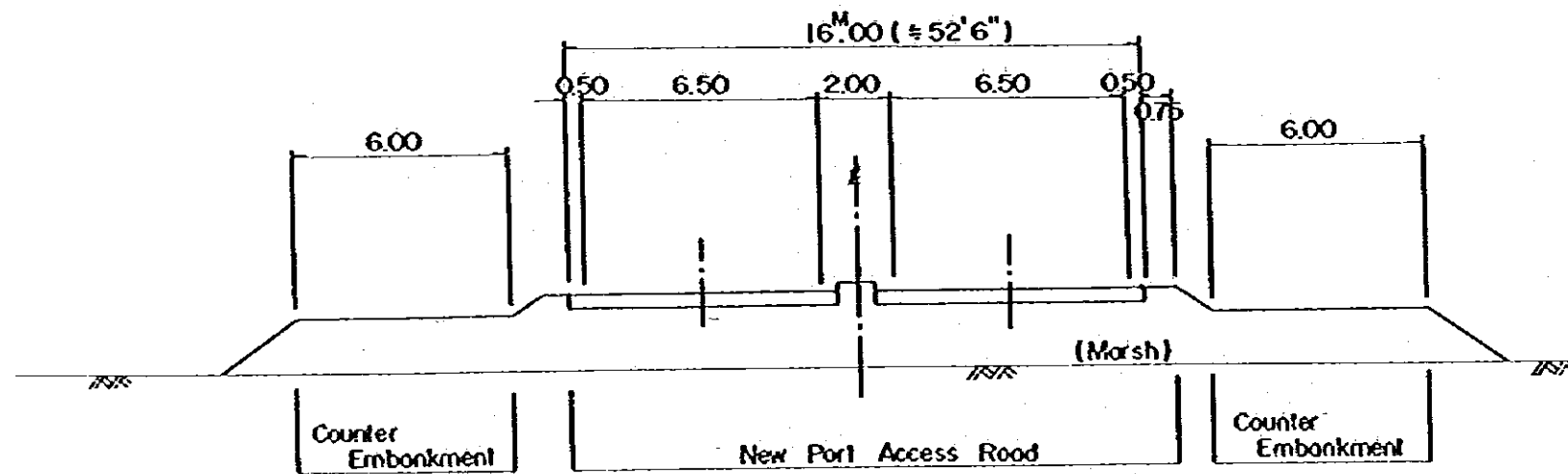
DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO INTERNATIONAL AIRPORT AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING TYPICAL CROSS SECTION OF EXPRESSWAY	
GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED CHECKED	APPROVED DATE JANUARY 1984	FIG. NO. 12

SECTION P-1 SCALE 1:200

(1) Port Entrance ~ Perera Mawatha

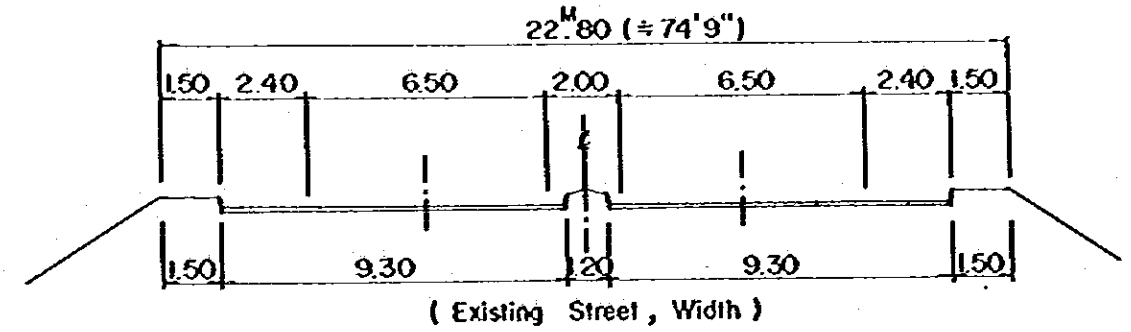


(2) Bloemendhal Section (Perera Mawatha Prince of Wales Ave.)



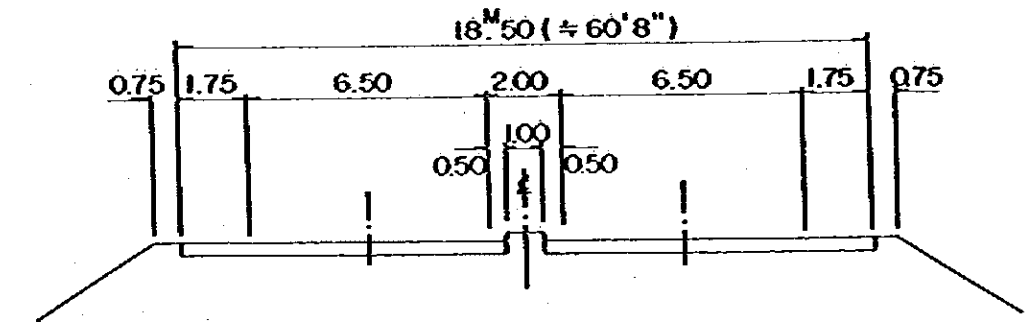
SECTION P-2 SCALE 1:200

Existing Street (Prince of Wales Ave. ~ Base Line)

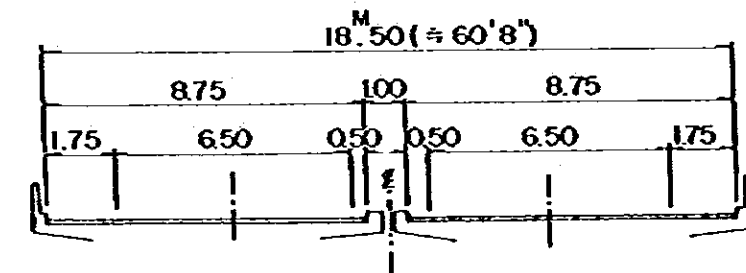


SECTION P-3 SCALE 1:200

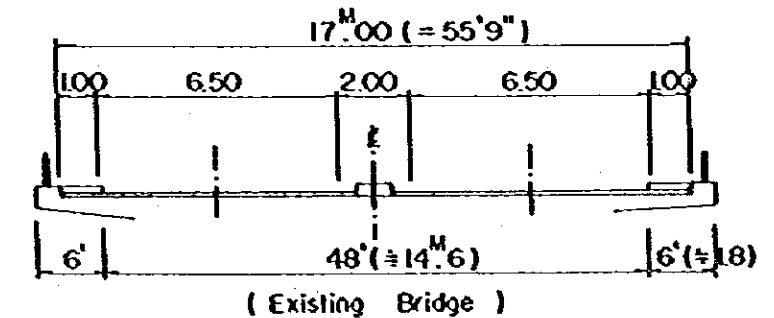
(1) Earth Work Section



(2) Bridge Section (New Construction)

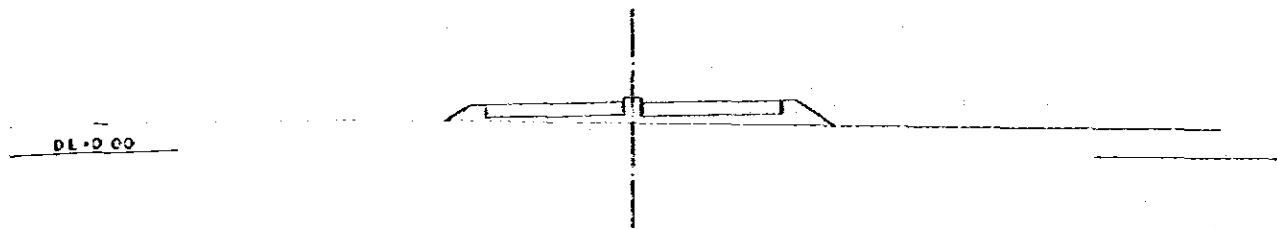


(3) Bridge Section (Existing Fly-Over Br. Across the Kandy Railway)

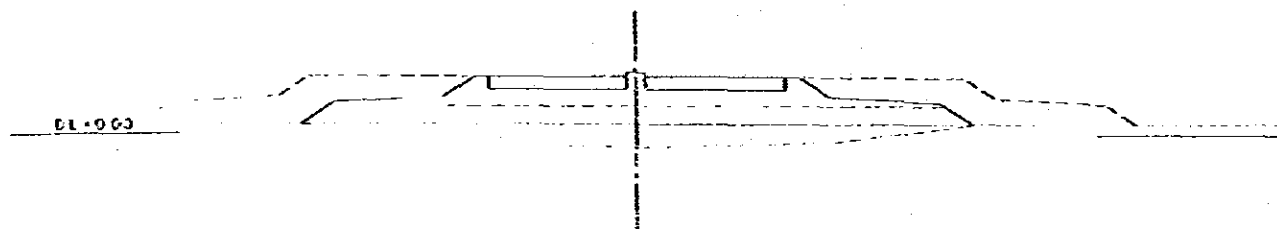


DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO WATERFALL EXPANSION AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT	TITLE OF DRAWING		
	TYPICAL CROSS SECTION OF NEW PORT ACCESS ROAD		
GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY	PREPARED	APPROVED	FIG. NO.
	CHECKED	DATE JANUARY 1984	13

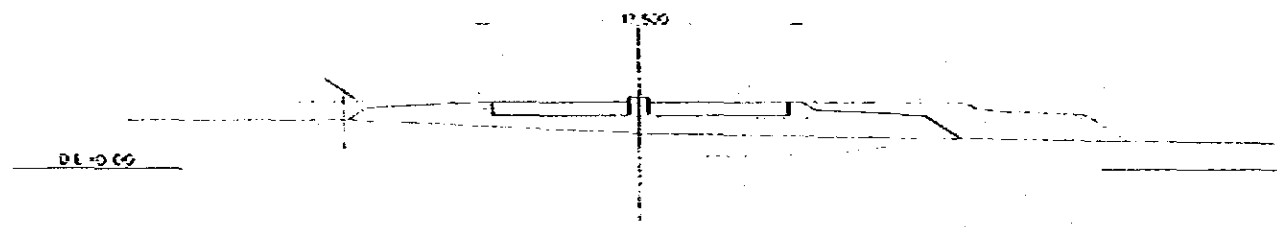
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 P1:2632



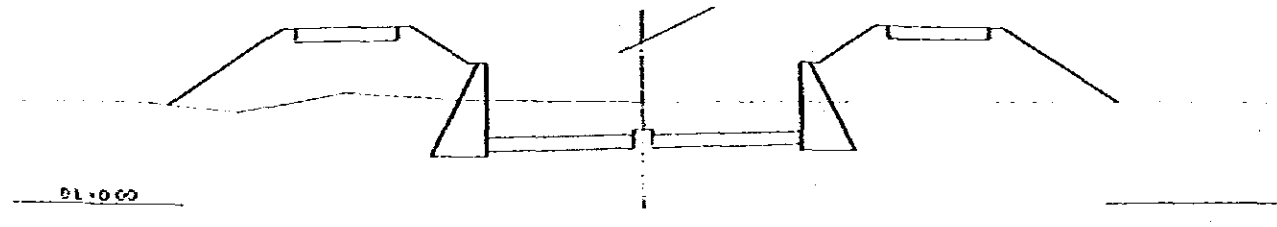
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 Q1:054
 P1:3055



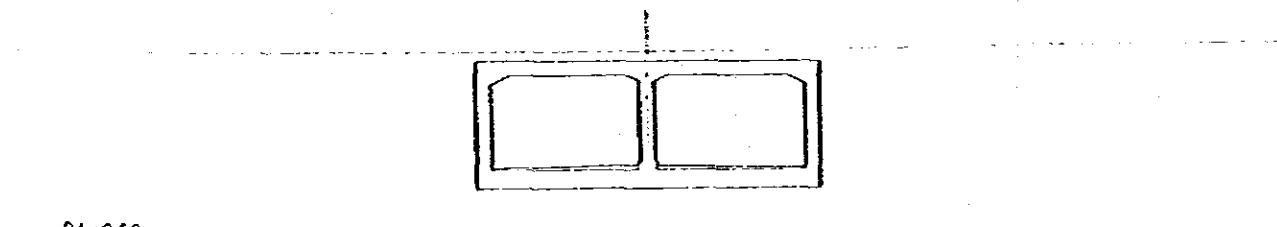
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 P1:3650



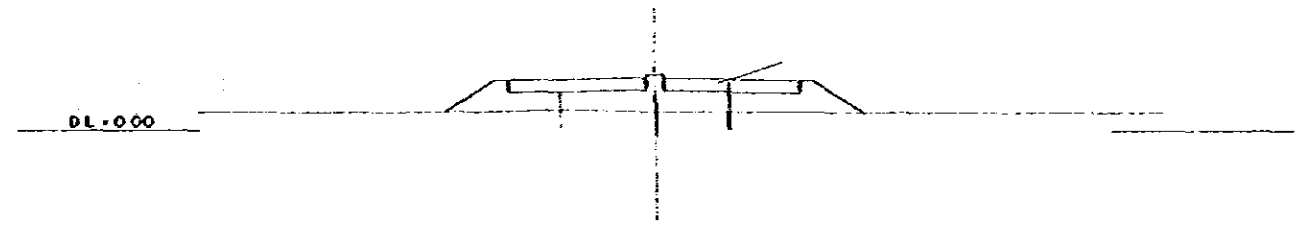
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 P1:3925



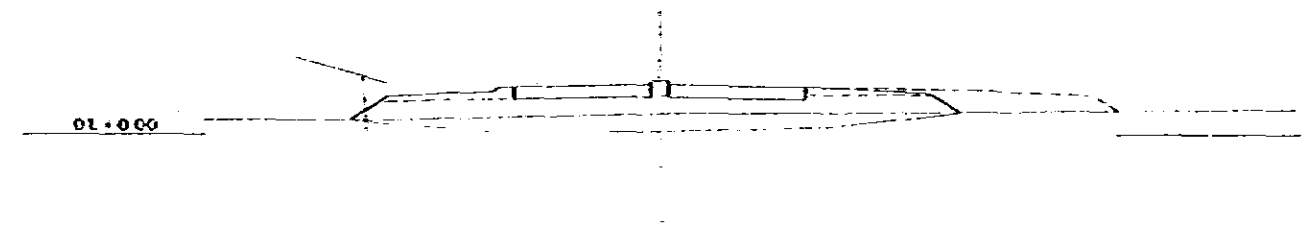
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 P1:4000



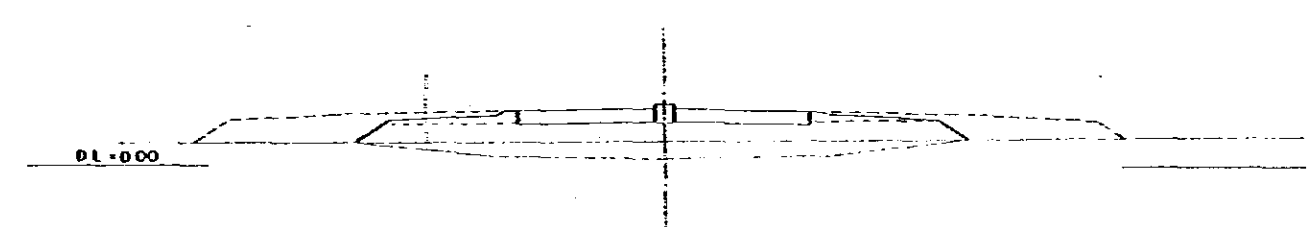
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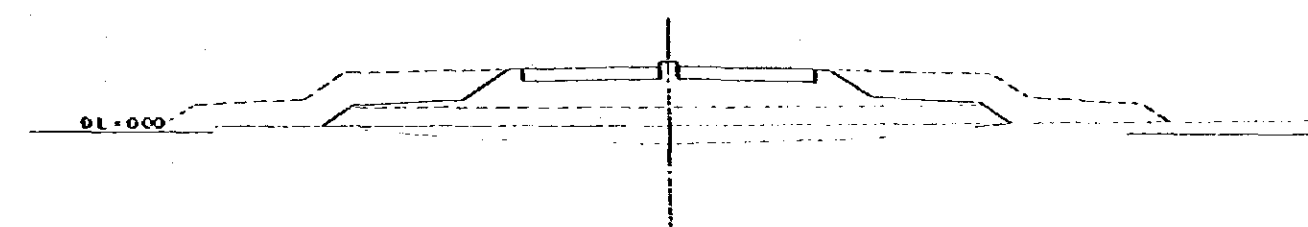
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 Q1:021
 P1:2710



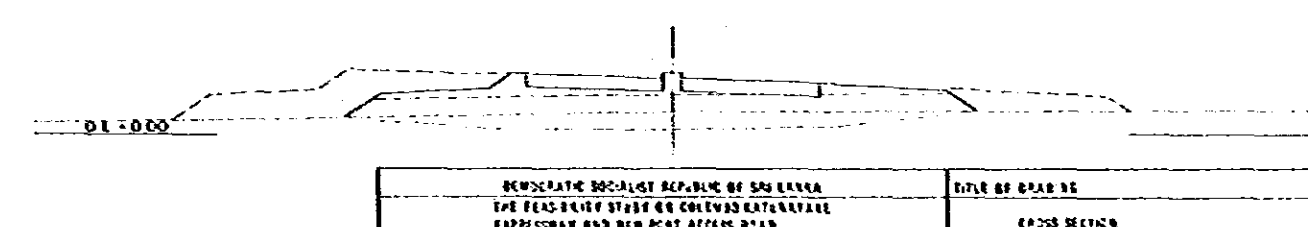
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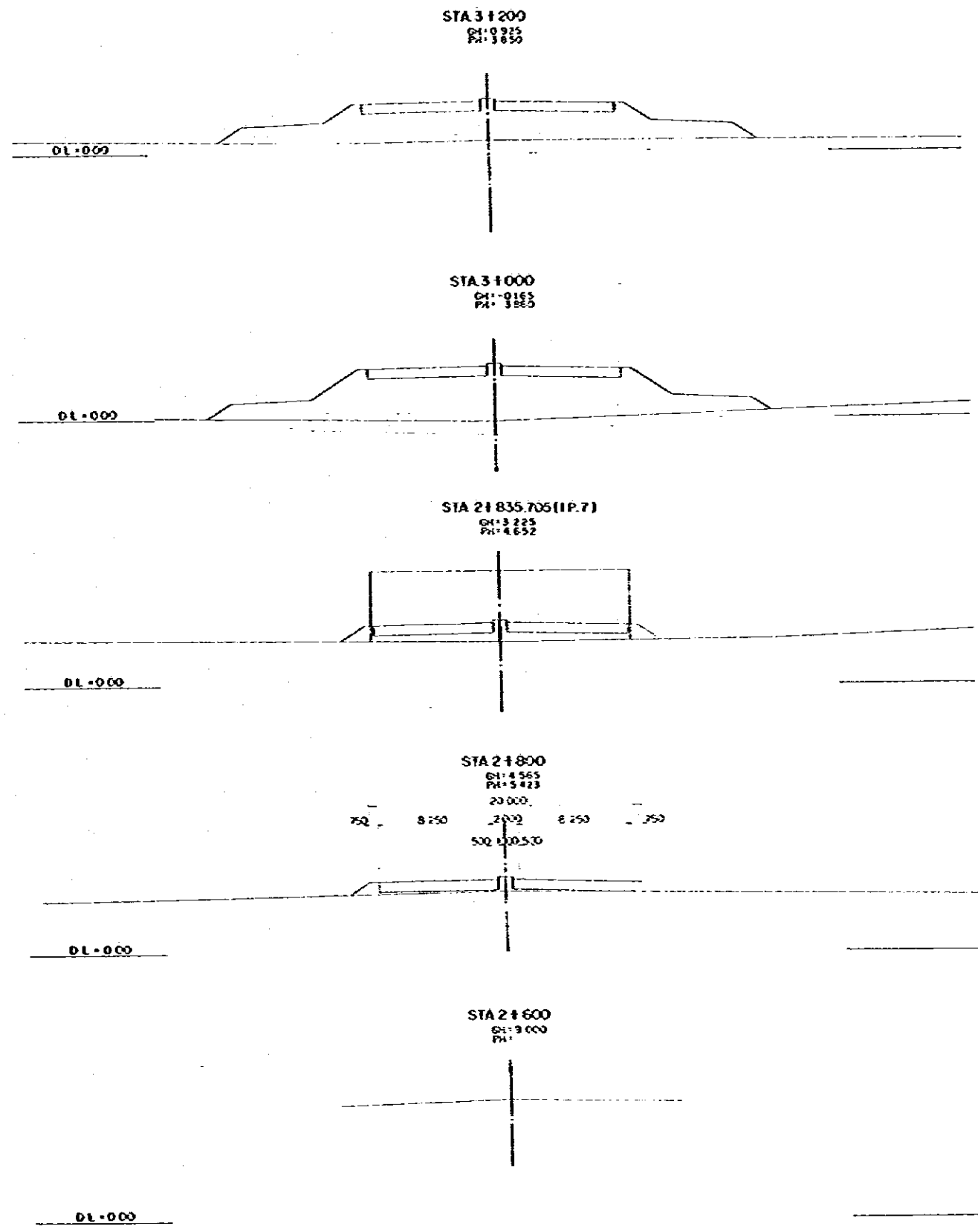
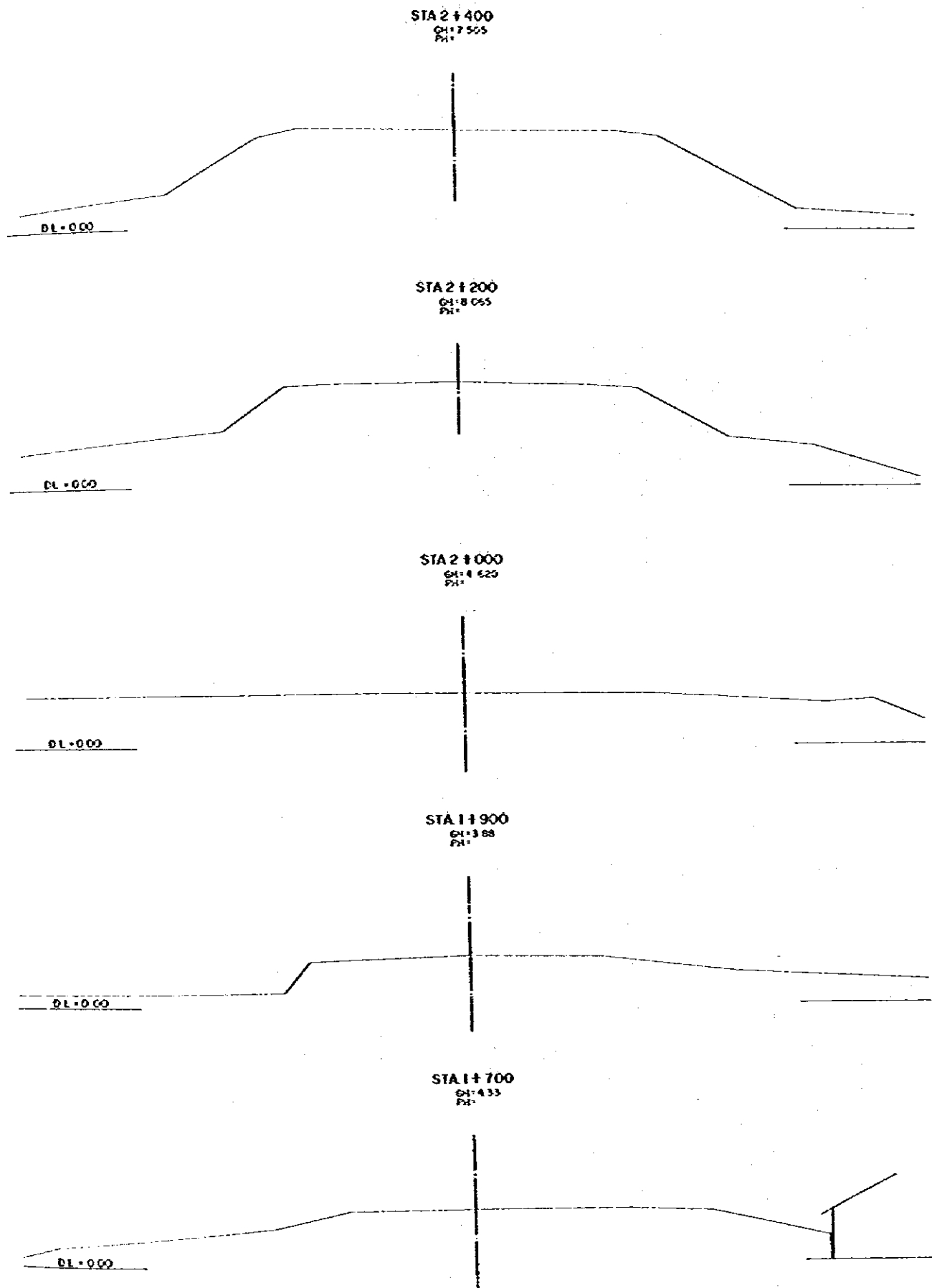
STA 11000
 Q1:033
 P1:3550



STA 01809.0670KE 4-2
 Q1:116
 P1:3127

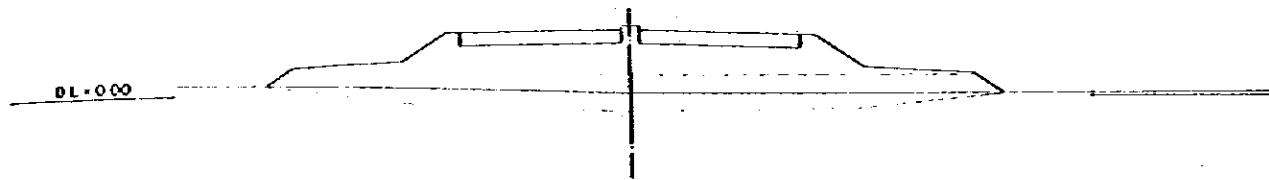


DEMOCRATIC SOCIALIST REPUBLIC OF SUDAN THE FEASIBILITY STUDY ON COLEVAO RAILWAY IMPROVEMENT AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER COLEVAO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			DWG. NO. 14

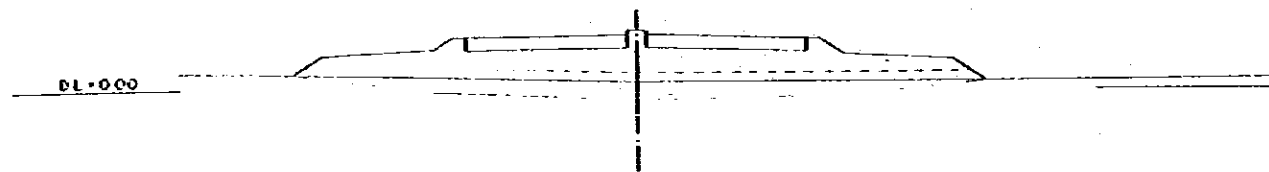


DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE PEASANTRY STUDY ON COLOMBO WATERWAY EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
PREPARED CHECKED	APPROVED DATE JANUARY 1984	SHEET NO. 15	

STA 4 + 000
 G1: 0.076
 P1: 3.355



STA 3 + 800
 G1: 0.400
 P1: 2.850



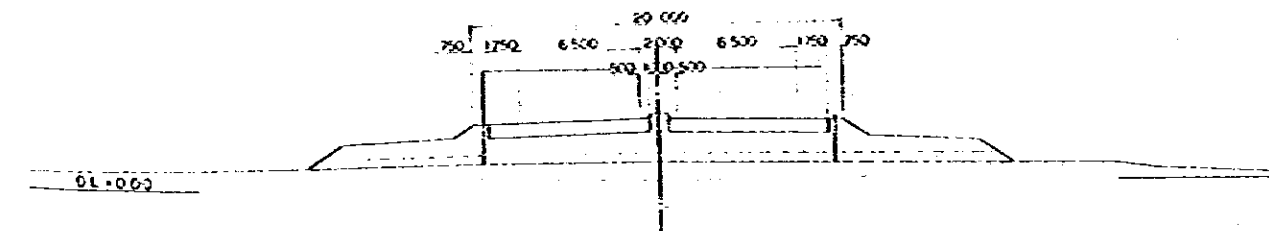
STA 3 + 600
 G1: 0.50
 P1: 2.850



STA 3 + 400
 G1: 1.400
 P1: 3.350



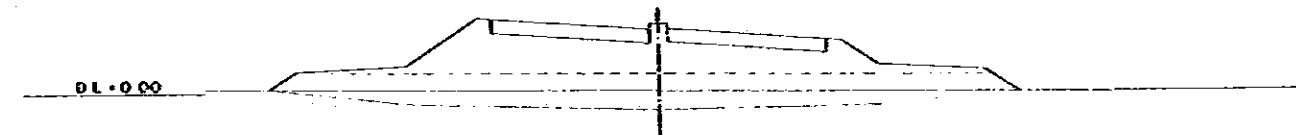
STA 3 + 269.255 (IP8)
 G1: 1.375
 P1: 3.677



STA 4 + 905
 G1: 0.086
 P1: 6.185



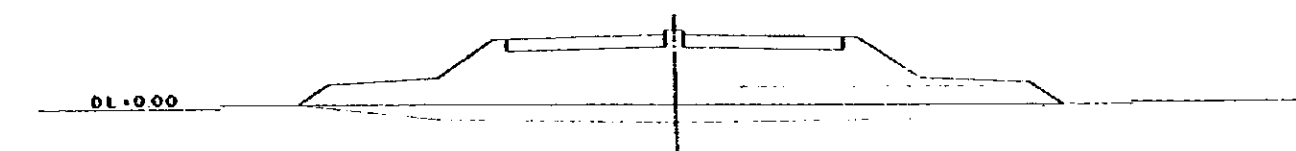
STA 4 + 800
 G1: 0.011
 P1: 3.540



STA 4 + 600
 G1: 0.00
 P1: 3.232



STA 4 + 400
 G1: 0.00
 P1: 3.831

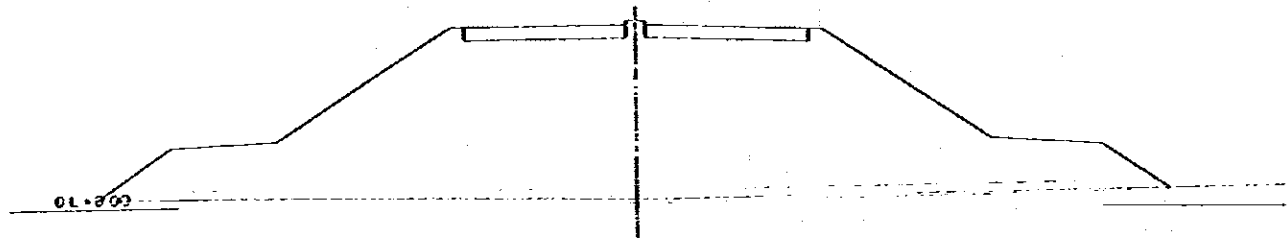


STA 4 + 200
 G1: 0.00
 P1: 3.850

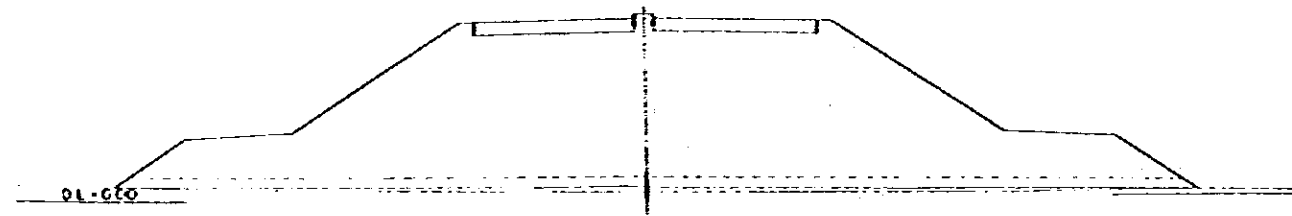


DEMOCRATIC PEOPLE'S REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO KATUNAYAKE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			CRS. NO. 16

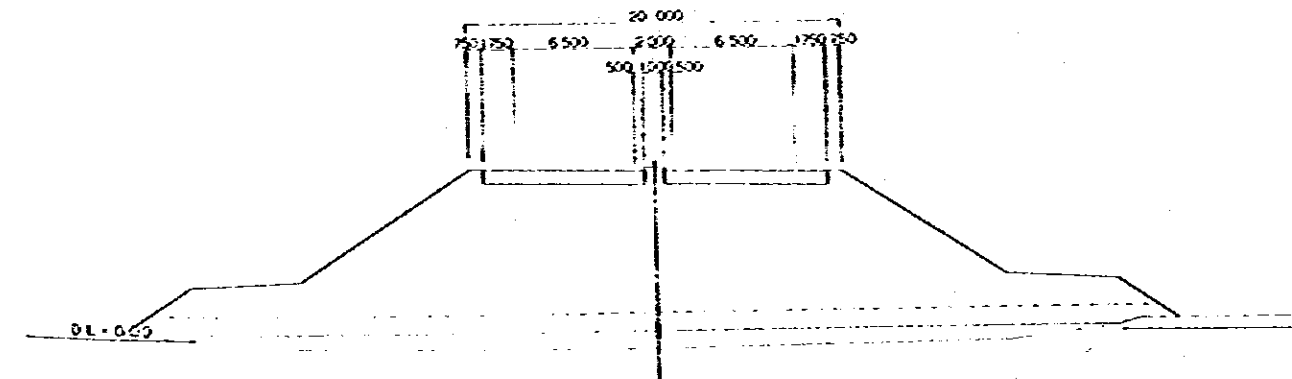
STA 5+200
 G1: 0.54
 P1: 9.833



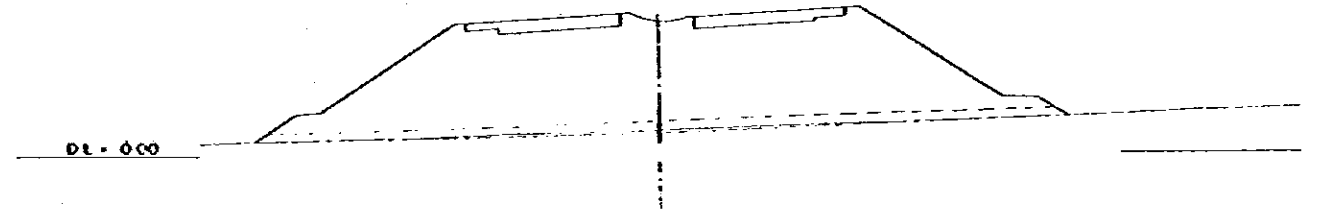
STA 5+61.936 (KA 9-2)
 G1: 0.75
 P1: 9.831



STA 5+000
 G1: 0.301
 P1: 9.200



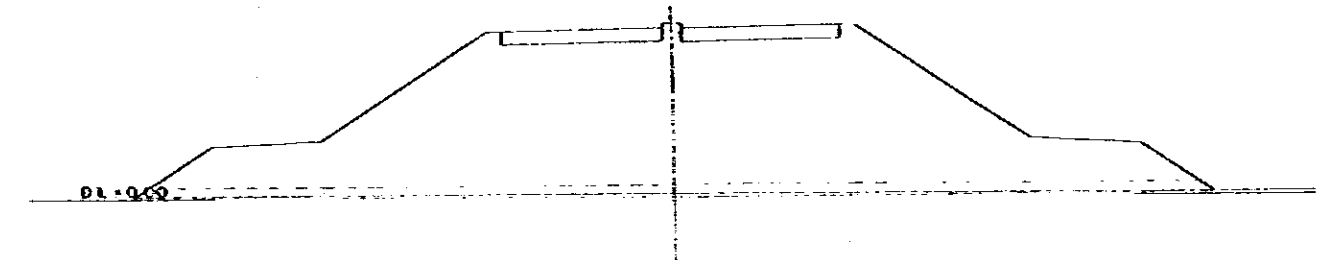
STA 5+800
 G1: 1.38
 P1: 7.934



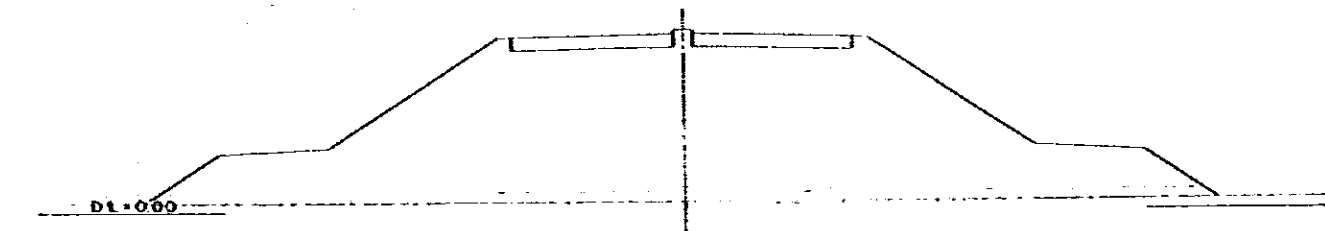
STA 5+600
 G1: 0.31
 P1: 8.755



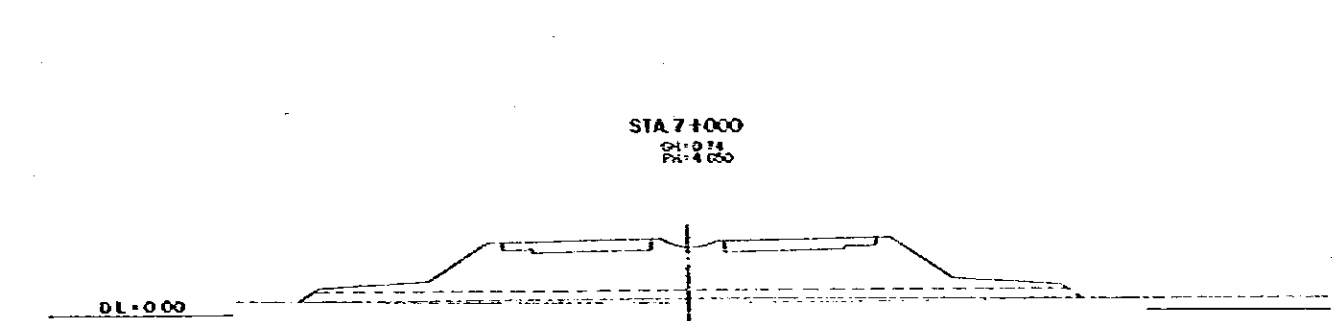
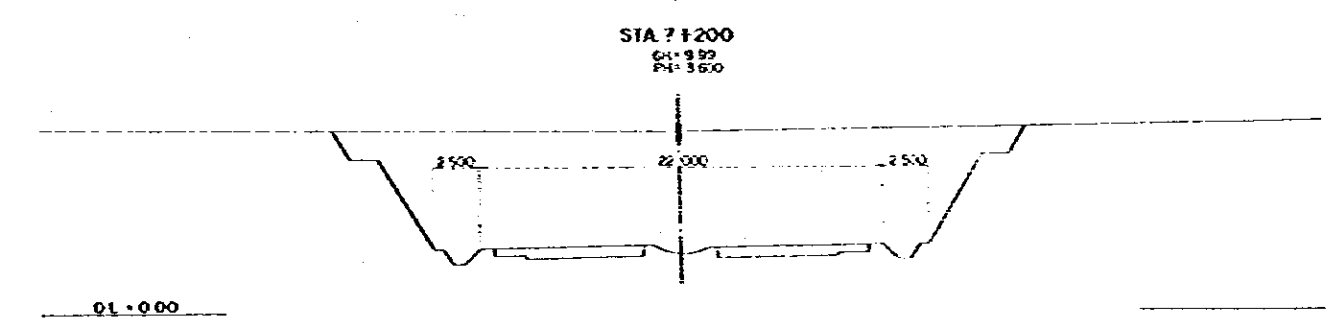
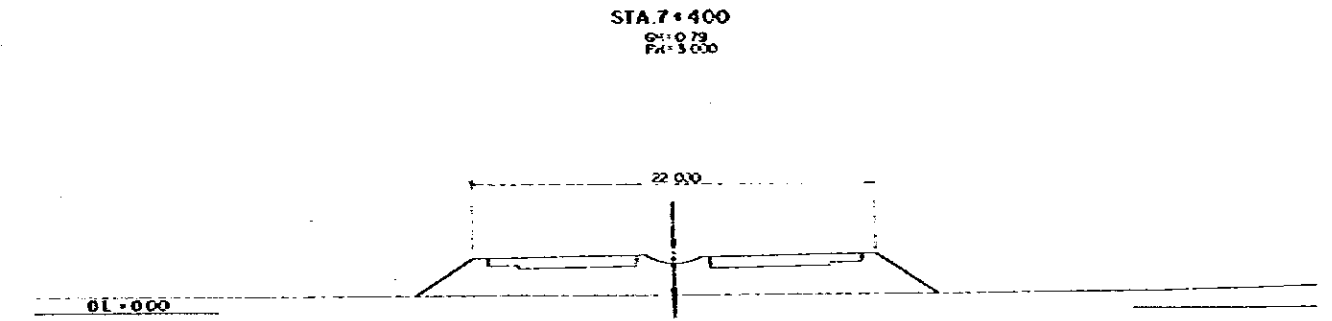
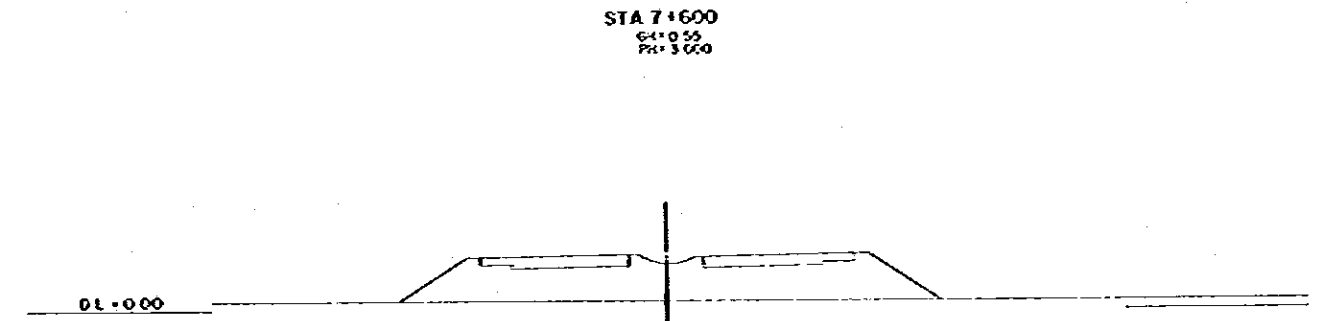
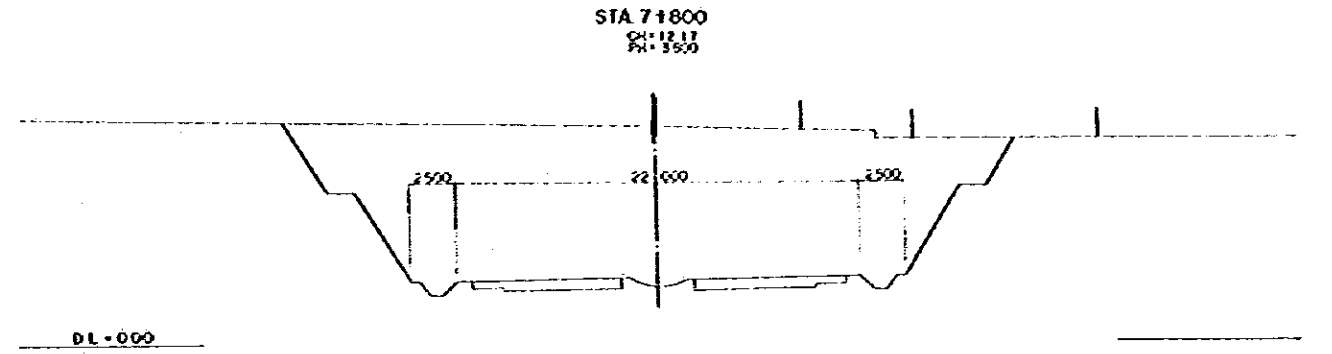
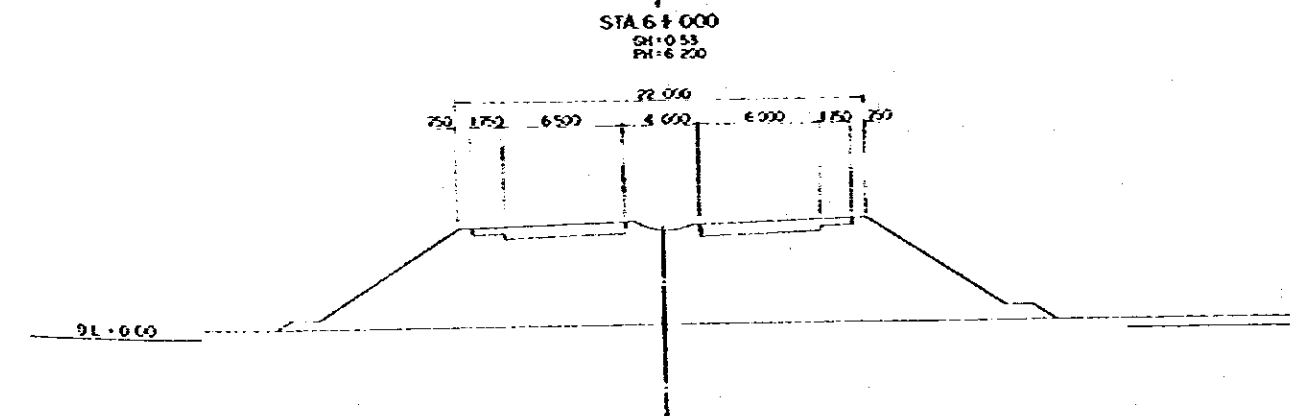
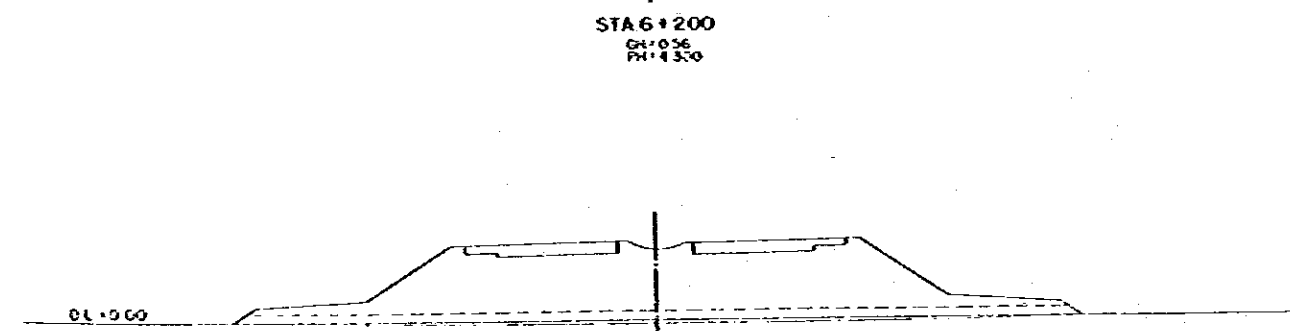
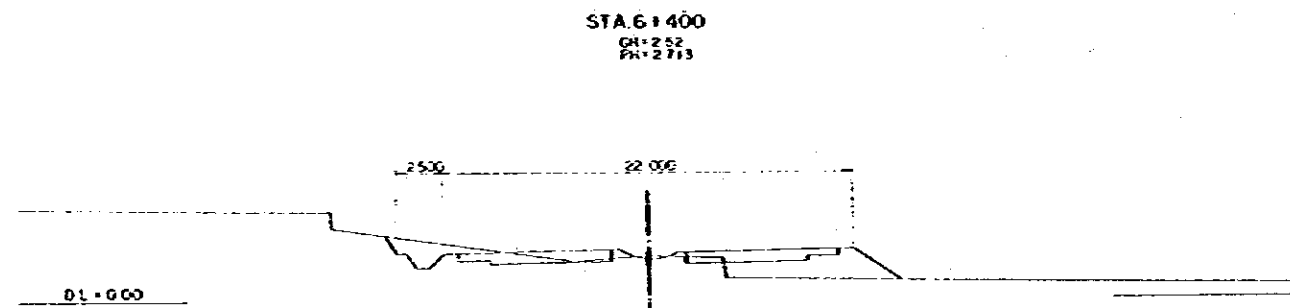
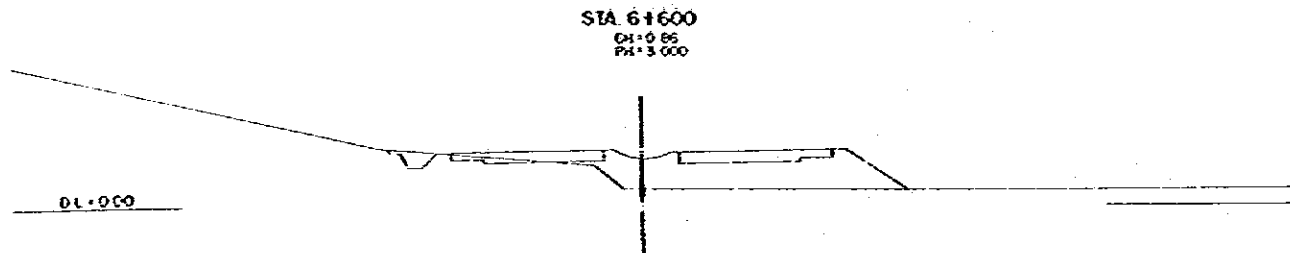
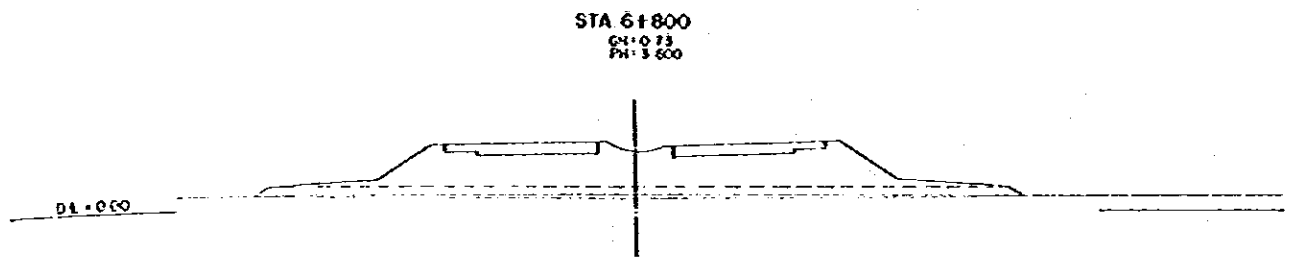
STA 5+400
 G1: 0.17
 P1: 9.459



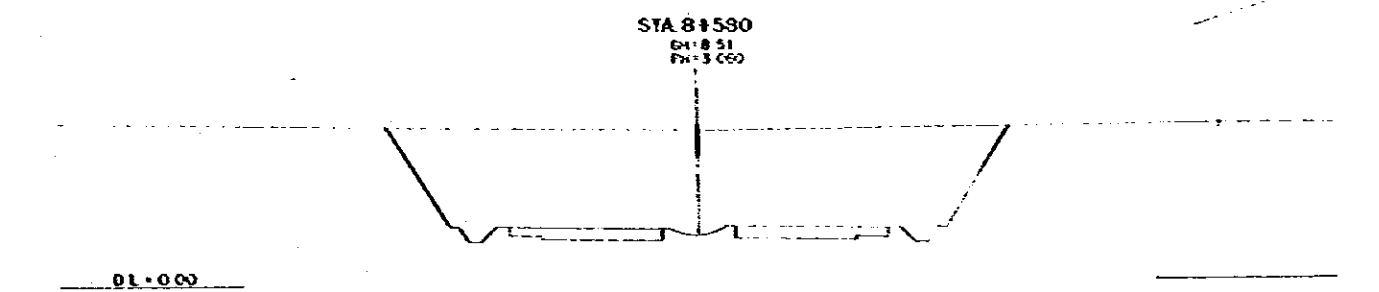
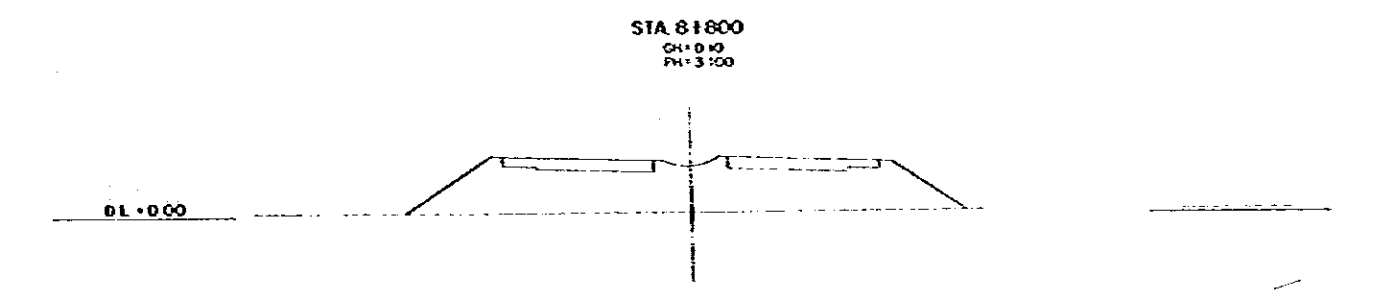
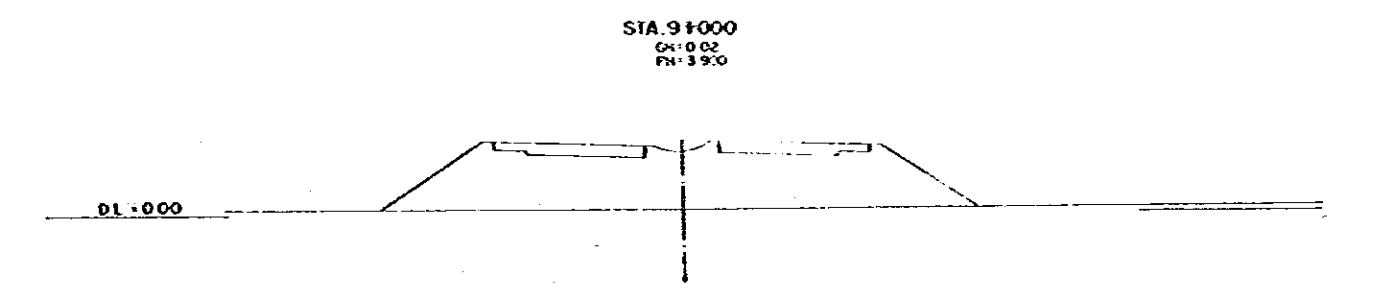
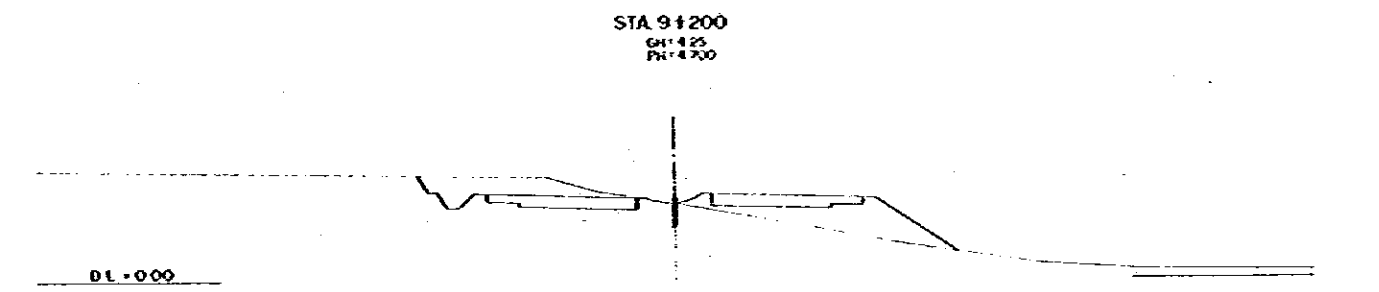
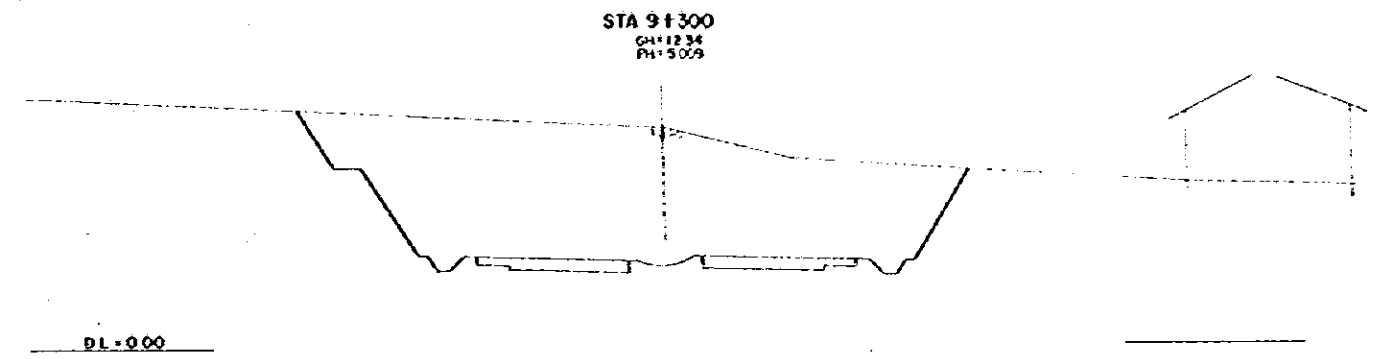
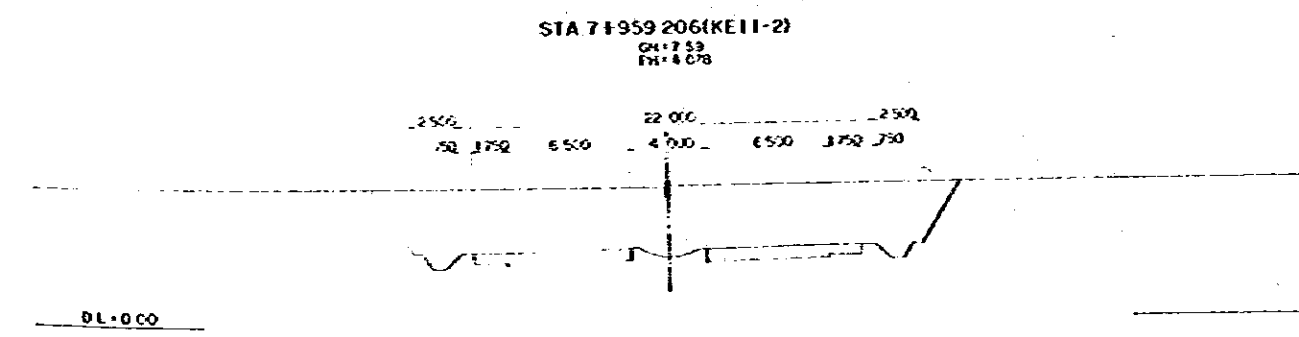
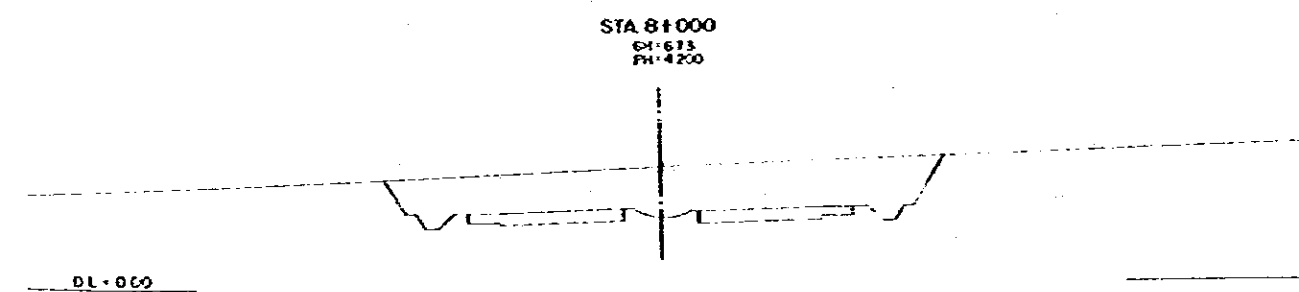
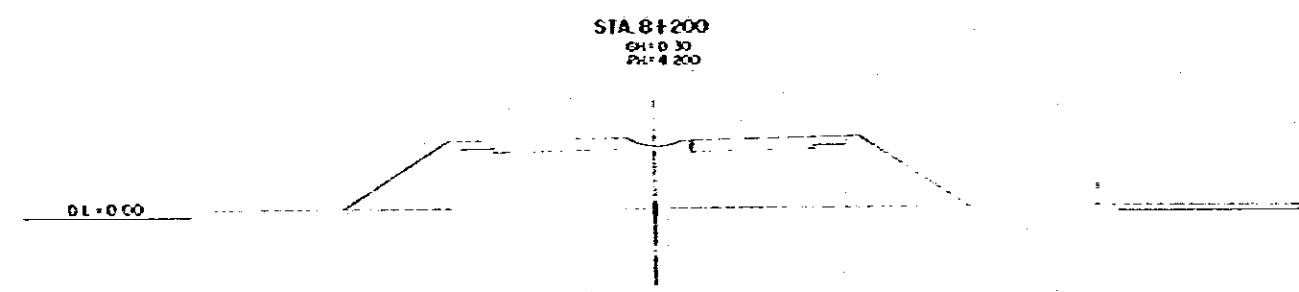
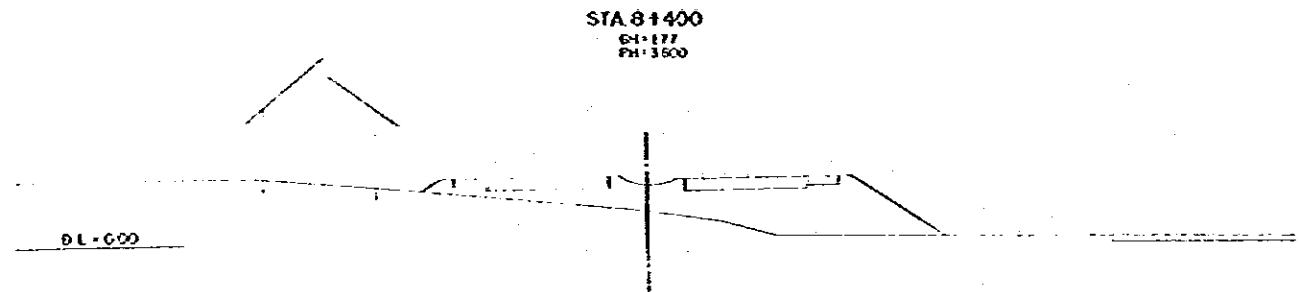
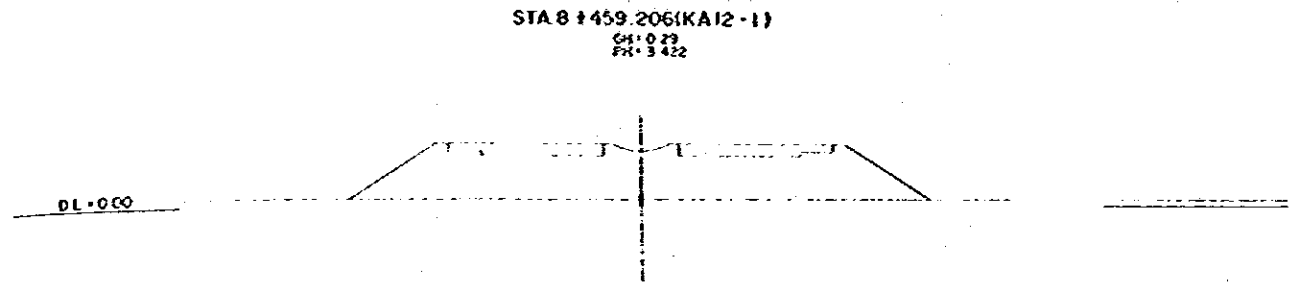
STA 5+247.910 (KA10-1)
 G1: 0.54
 P1: 9.512



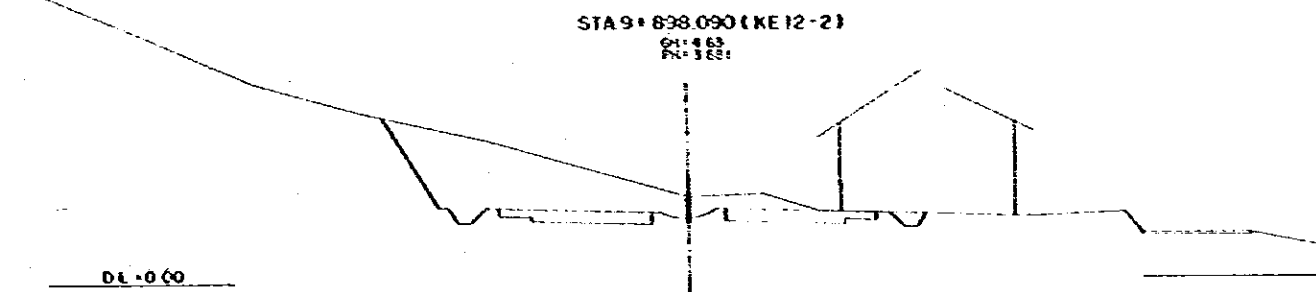
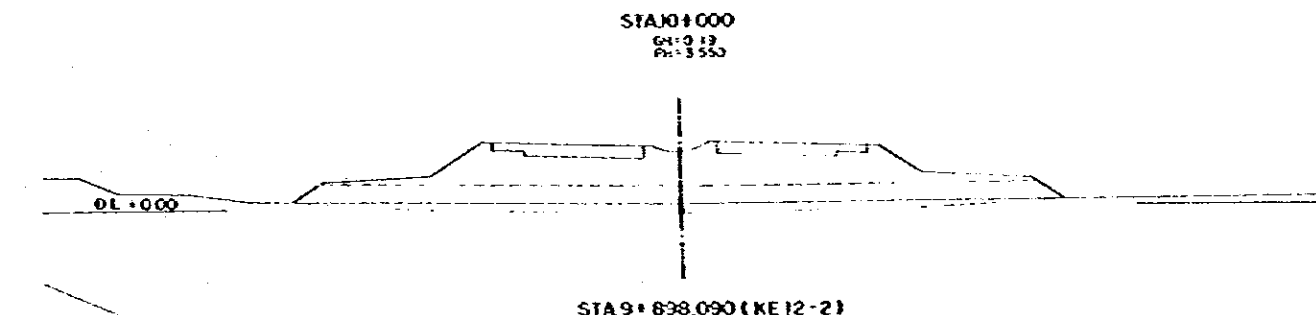
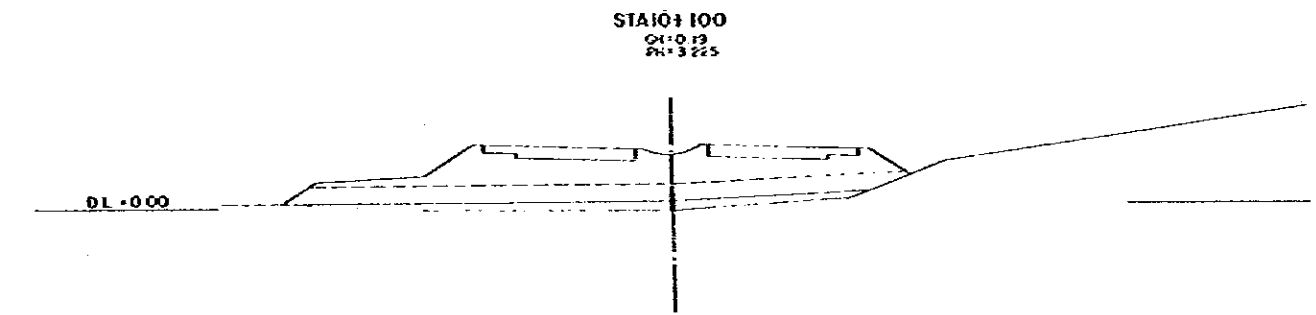
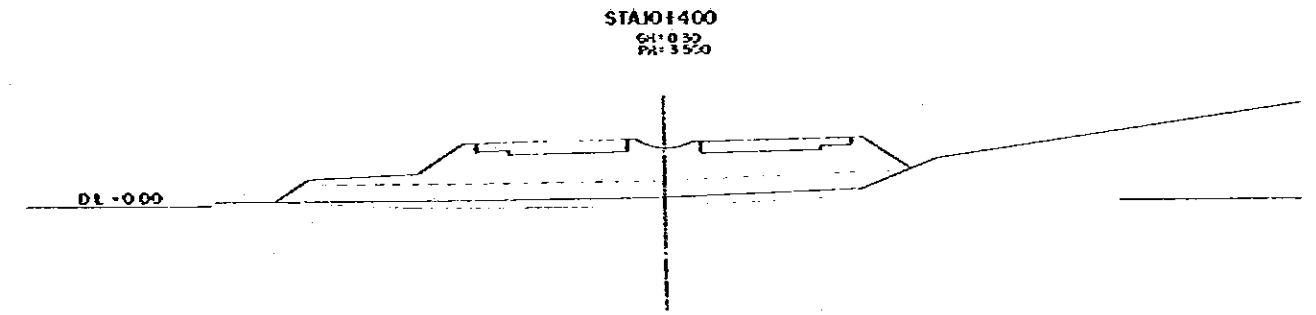
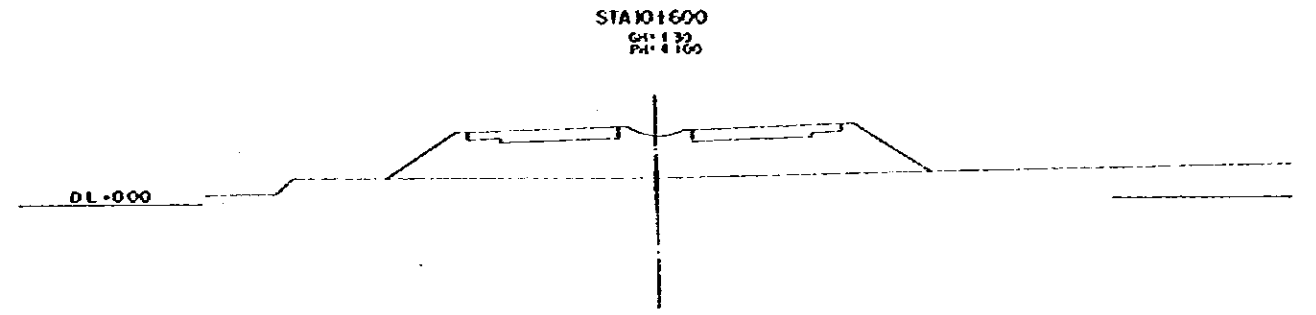
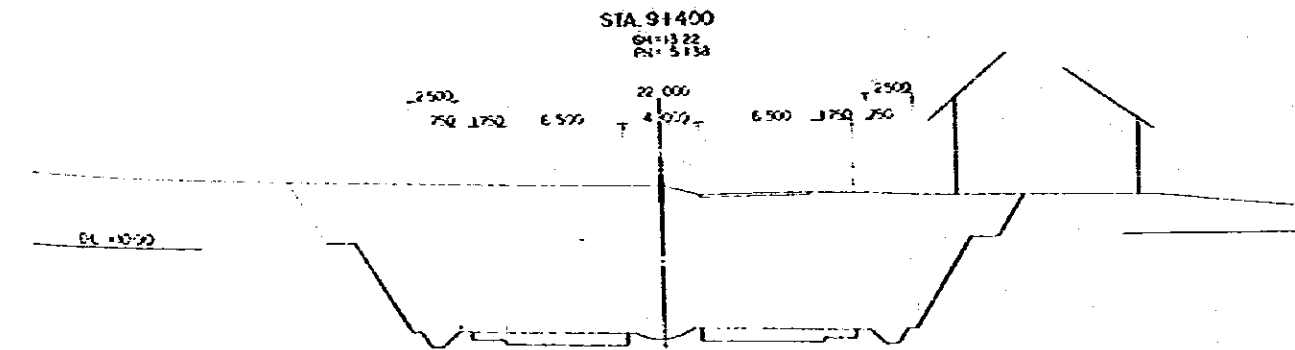
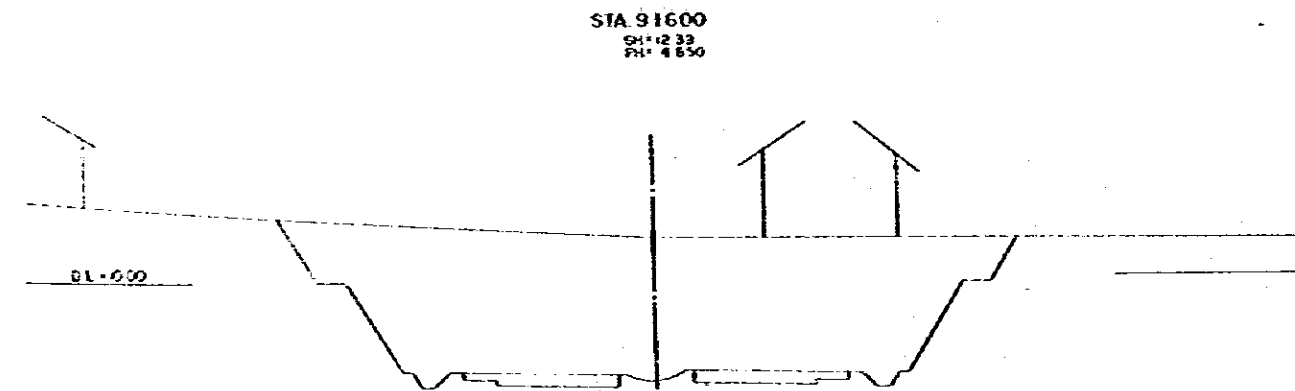
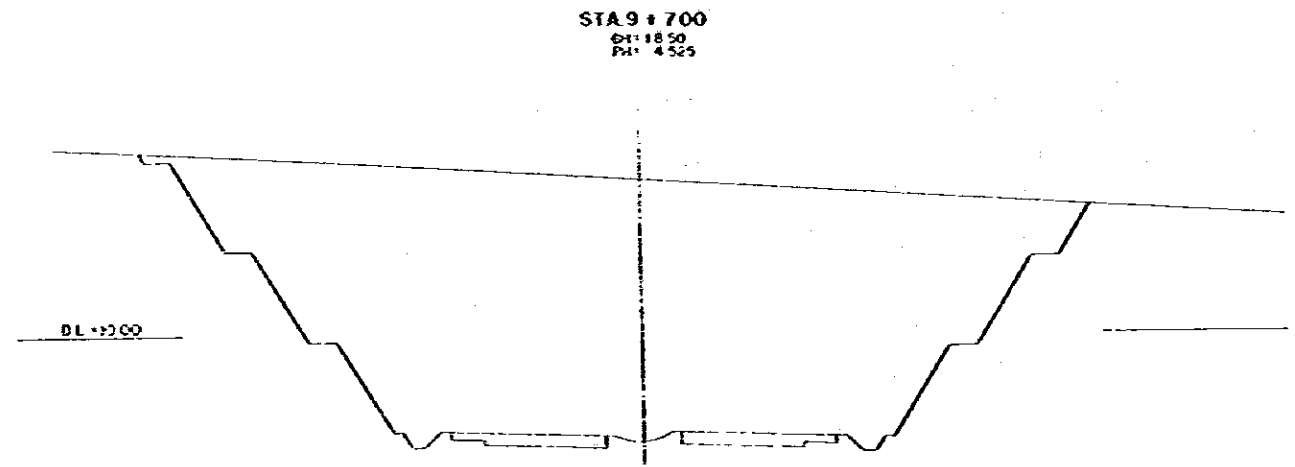
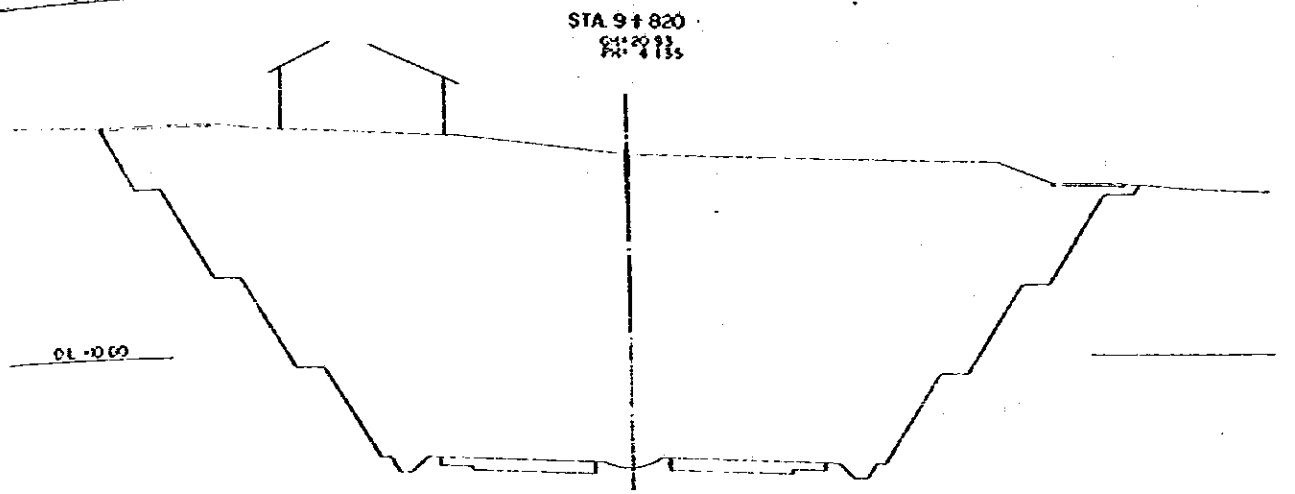
DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO-KATUNAYAKE EXPRESSWAY AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
SRI LANKAN ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			ENG. NO. 17



DEMOCRATIC SOCIALIST REPUBLIC OF SIERRA LEONE THE TECHNICAL STAFF OF COLONIAL RAILWAY EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER BAHAMAS ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			NO. 03 18

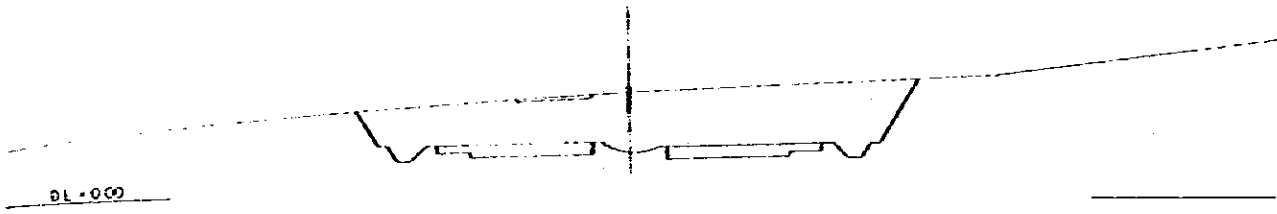


DEMOCRATIC PEOPLE'S REPUBLIC OF VIETNAM THE PEASANTY STUDY ON COLOMBUS WATERWAY EXPANSION AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
PREPARED CHECKED	GREATER ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY	APPROVED DATE JANUARY 1954	DWG. NO. 19

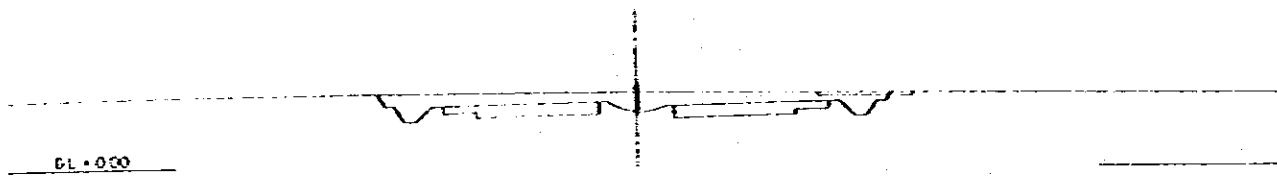


DEMOCRATIC SOCIALIST REPUBLIC OF BURUNDI THE GREAT RIVER STAFF ON COLONIAL WATERWAY EXPANSION AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER COLONIAL ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1988 Dwg. No. 20

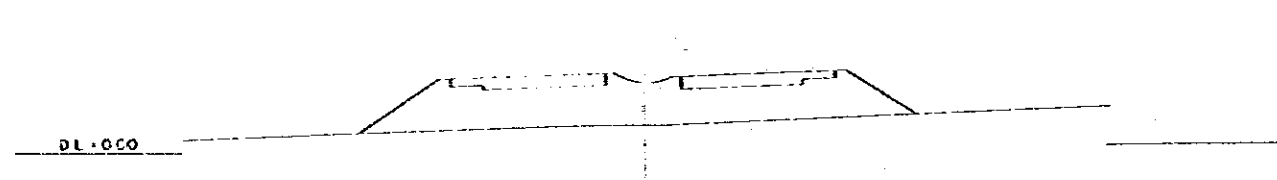
STA 11+100
 G1: 313
 P1: 266



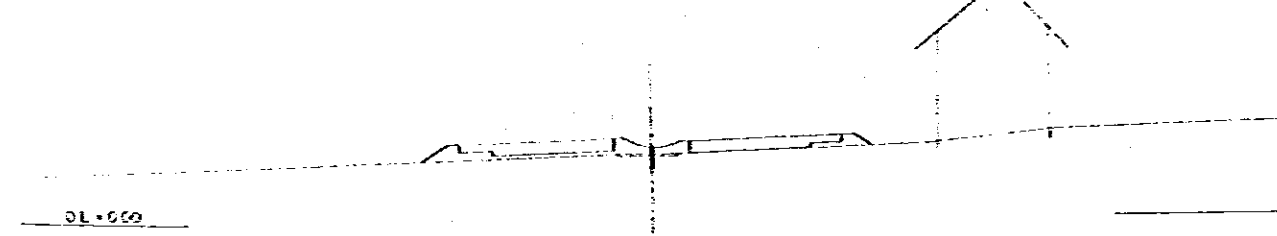
STA 11+000
 G1: 410
 P1: 3460



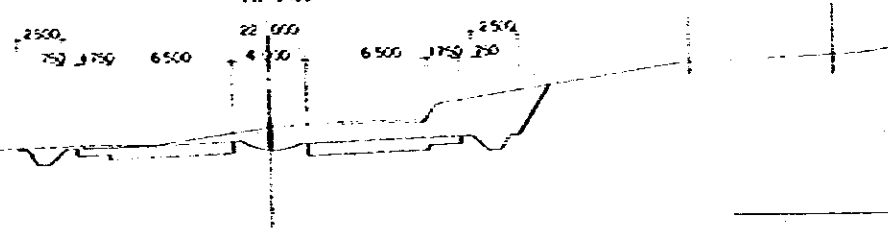
STA 10+900
 G1: 142
 P1: 4280



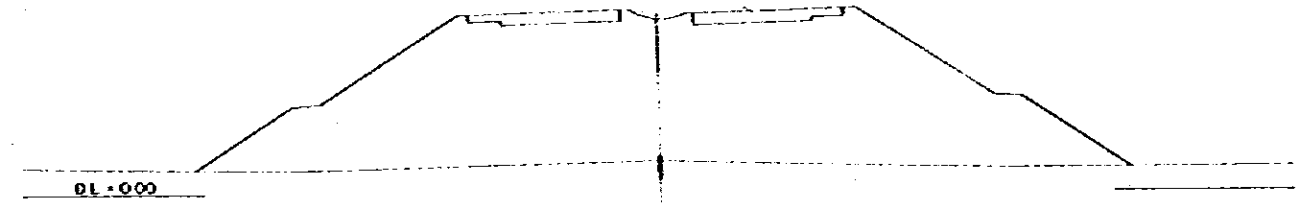
STA 10+800
 G1: 379
 P1: 4470



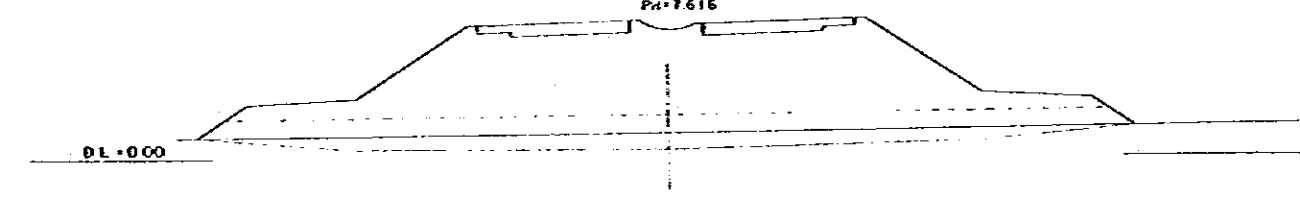
STA 10+751.423 (KE13-1)
 G1: 539
 P1: 4455



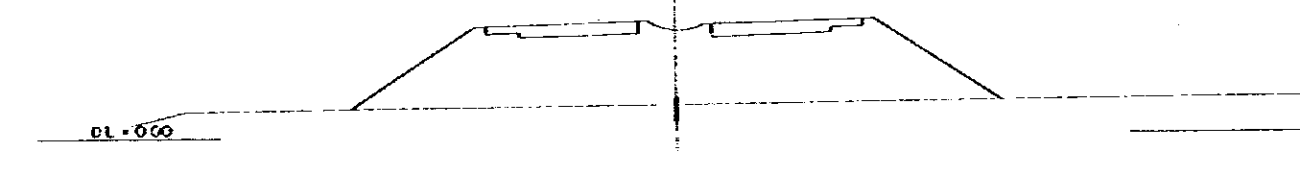
STA 11+600
 G1: 179
 P1: 0216



STA 11+500
 G1: 148
 P1: 7616



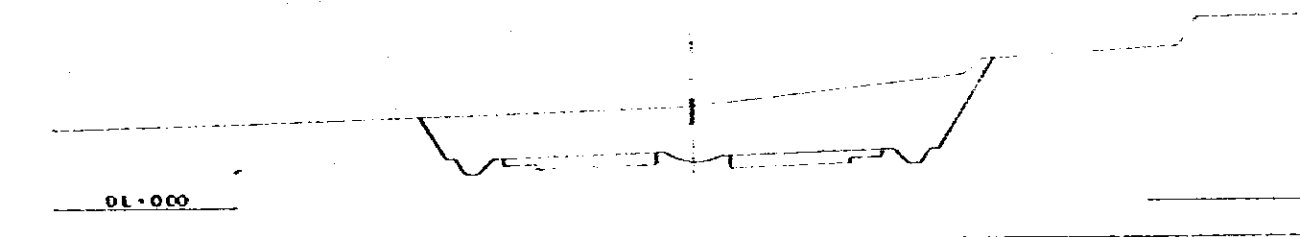
STA 11+450
 G1: 165
 P1: 6332



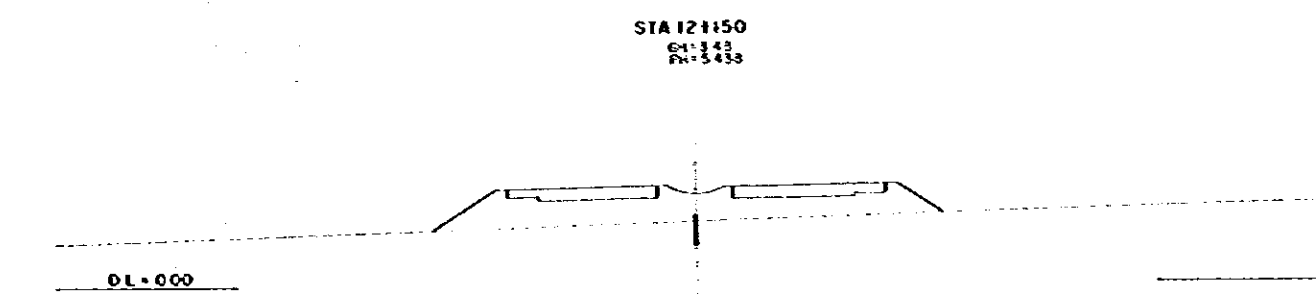
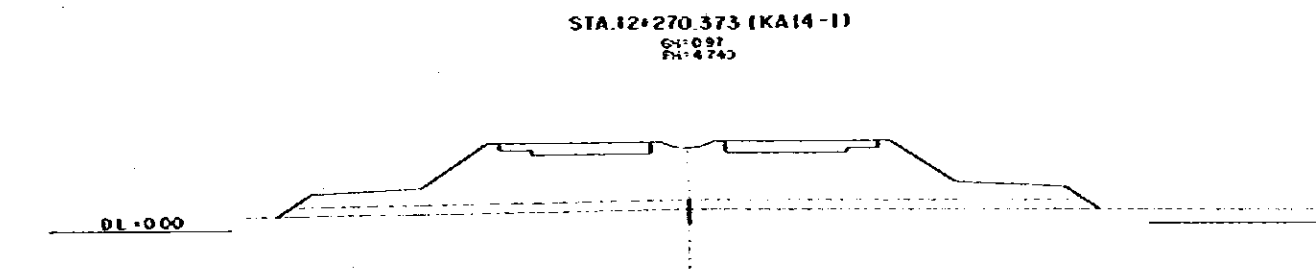
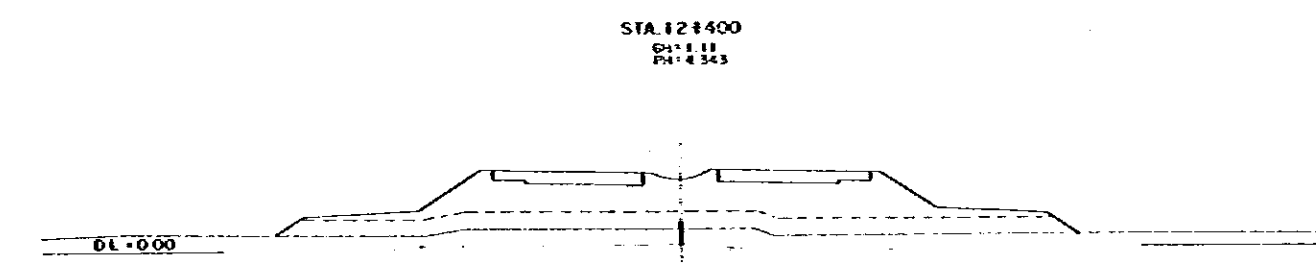
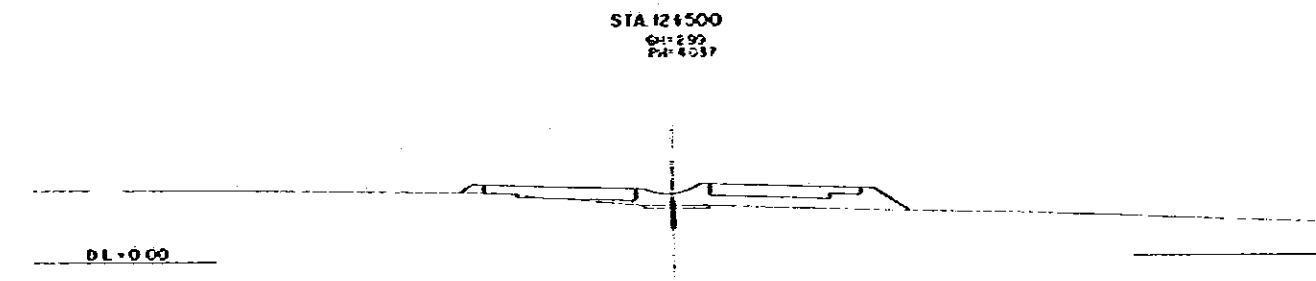
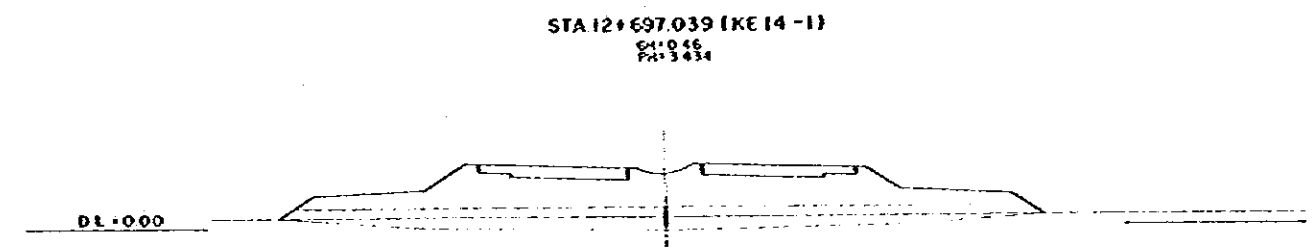
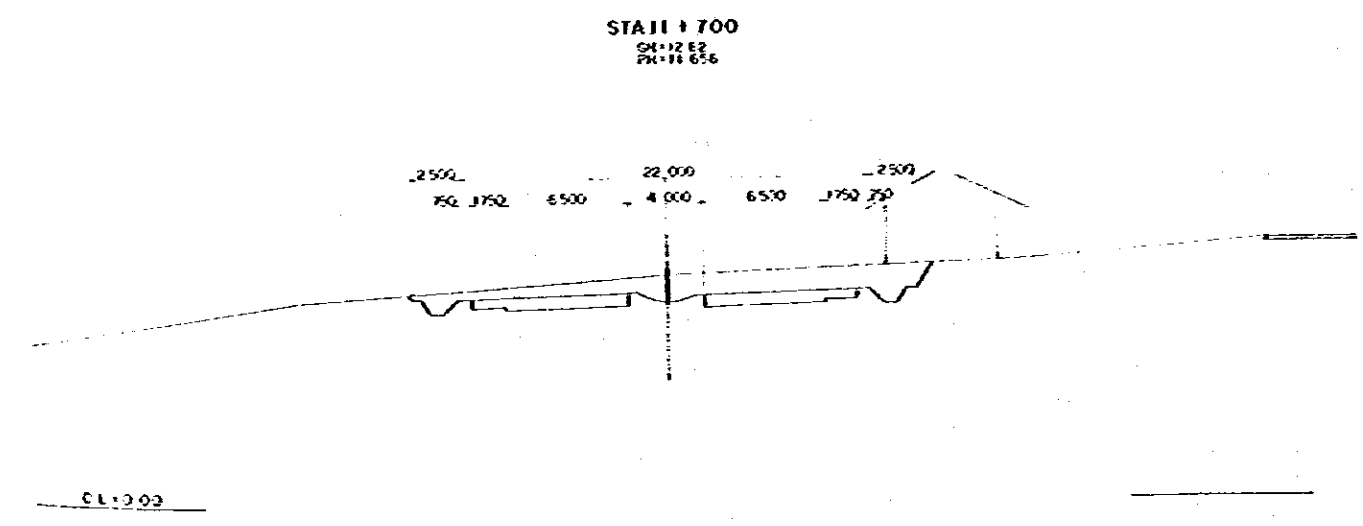
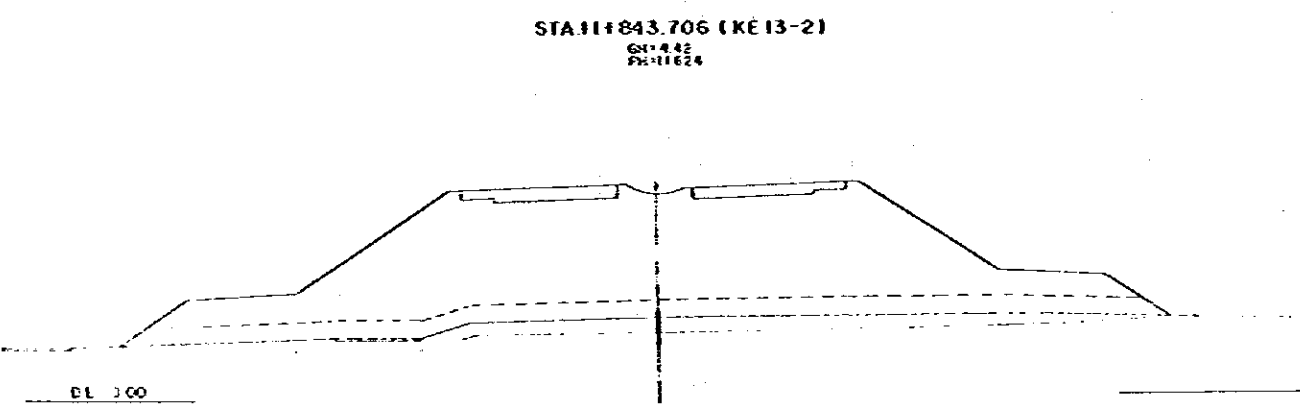
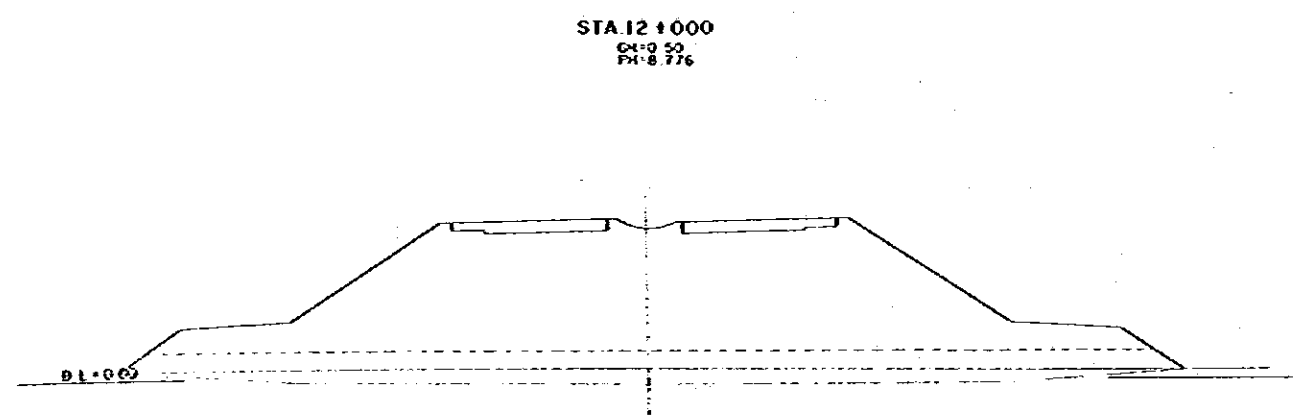
STA 11+400
 G1: 0602
 P1: 5192



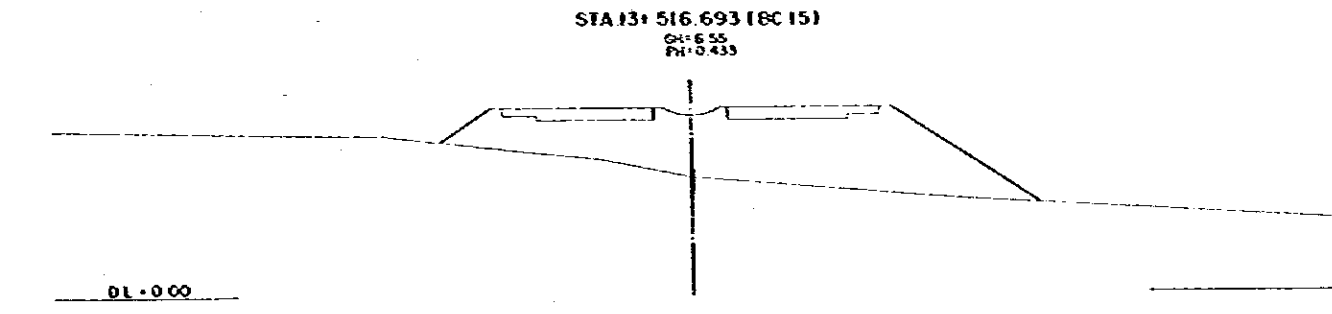
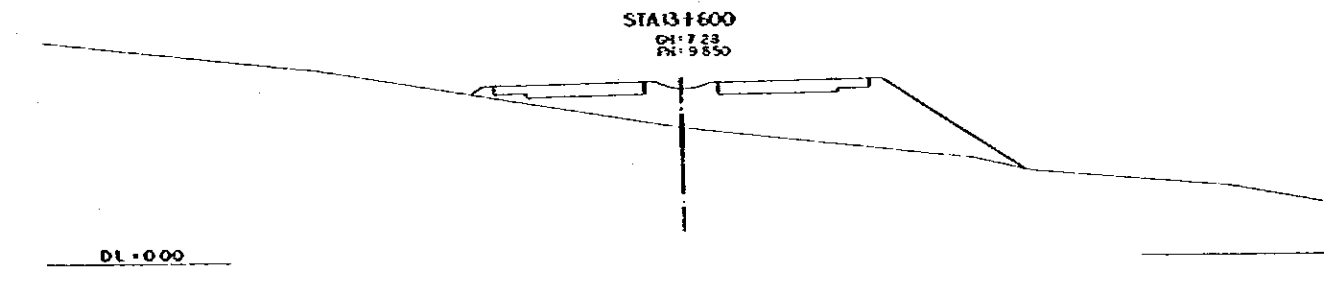
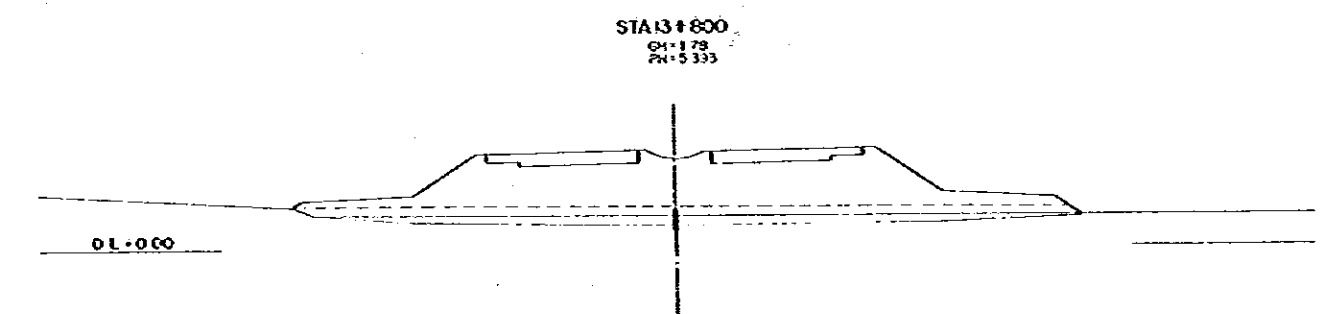
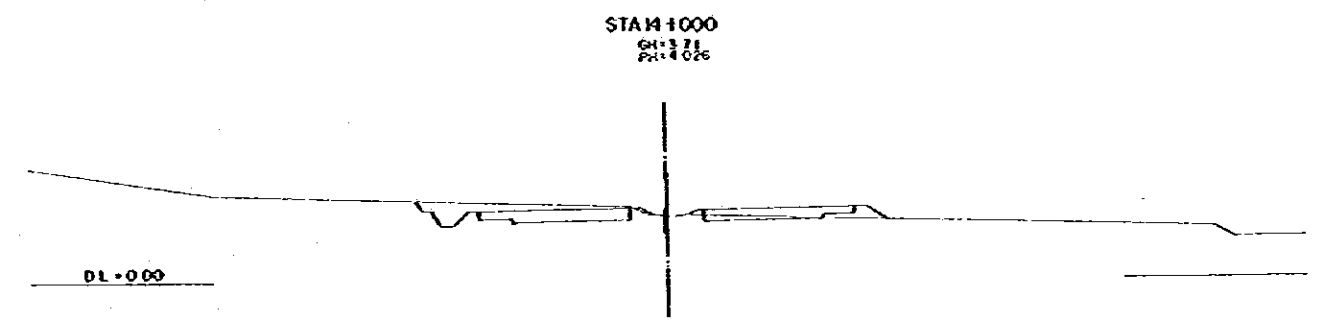
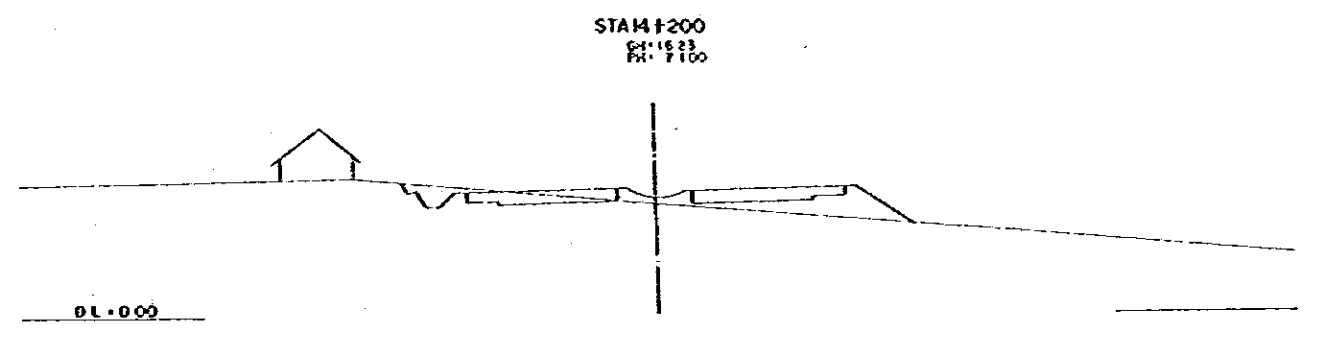
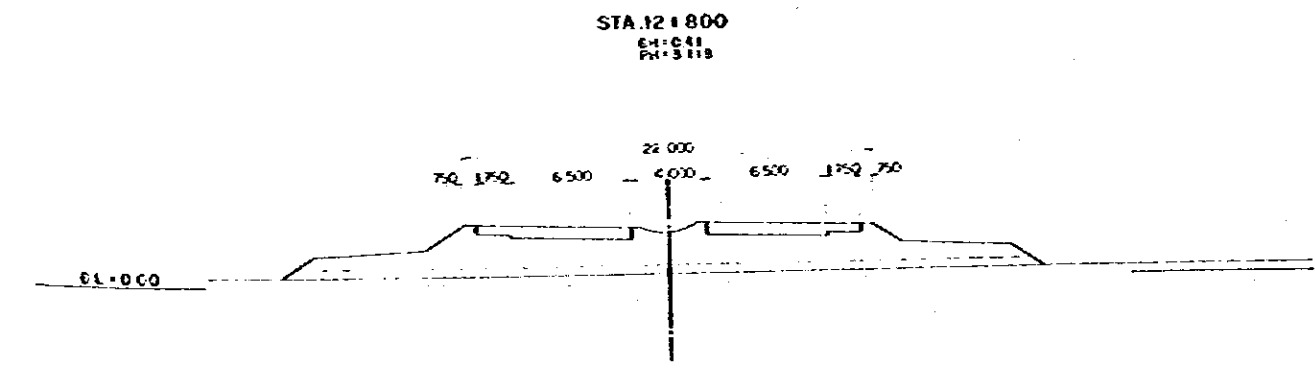
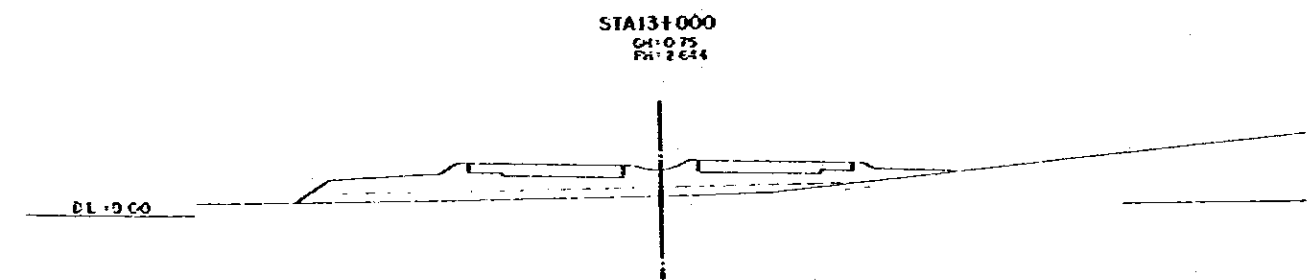
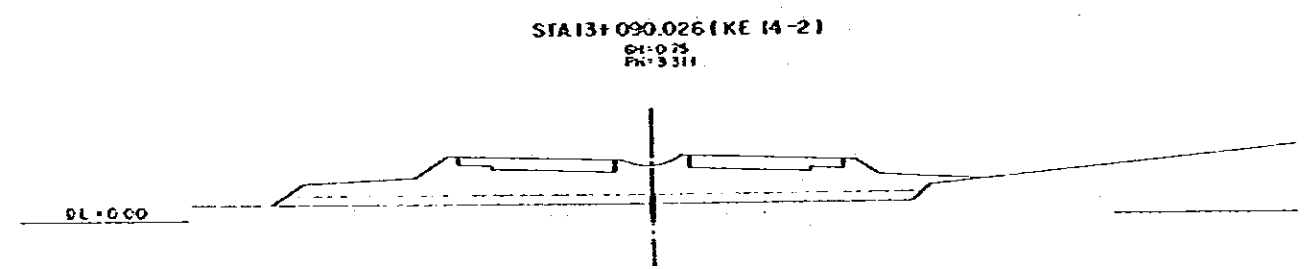
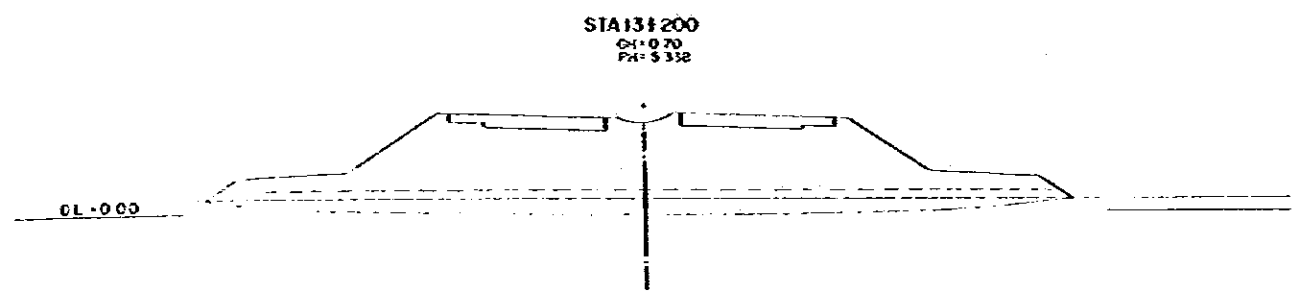
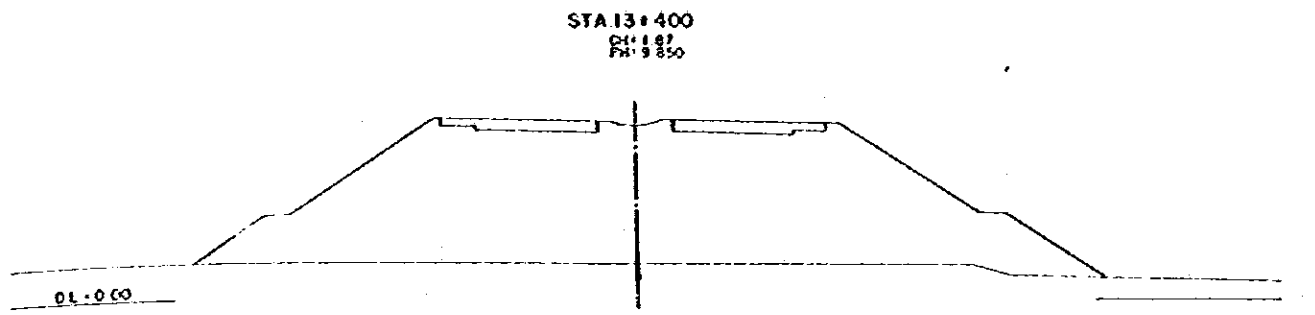
STA 11+200
 G1: 547
 P1: 2612



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA EYE FEASIBILITY STUDY ON COLOMBO KATUNAYAKE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF ROAD NO CROSS SECTION	
GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			DOC NO 21

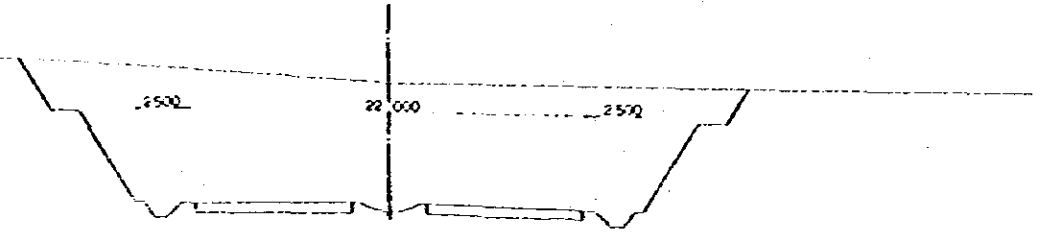


DEMOCRATIC SOCIALIST REPUBLIC OF VIETNAM		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON HOLOANG RAILWAY/RAIL EXPRESSWAY AND NEW PONS ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
VIETNAM ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE: JANUARY 1984
			SHEET NO. 22



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLOMBO KATUNAYAKE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER COLOMBO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE: JANUARY 1984
			495.03 23

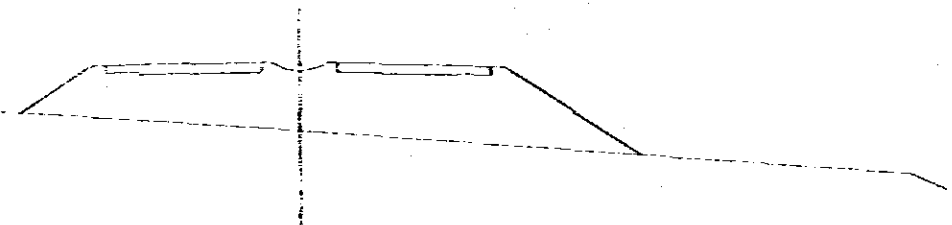
STA 14+800
 CH: 19.61
 PM: 12.900



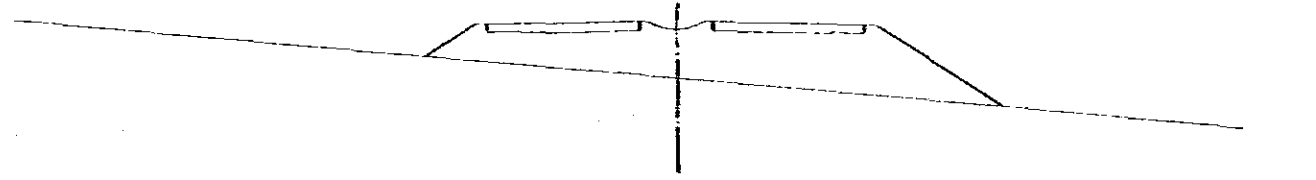
STA 15+200
 CH: 18.88
 PM: 14.900



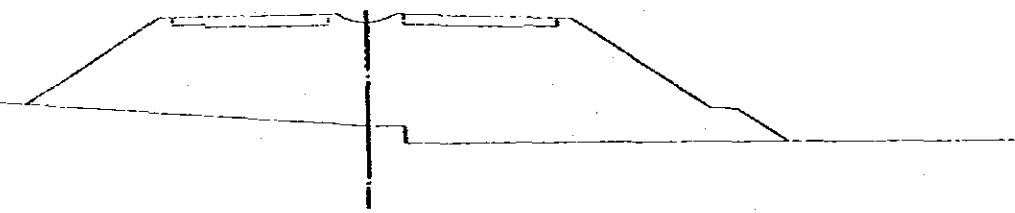
STA 14+642.325 (EC-151)
 CH: 8.83
 PM: 12.427



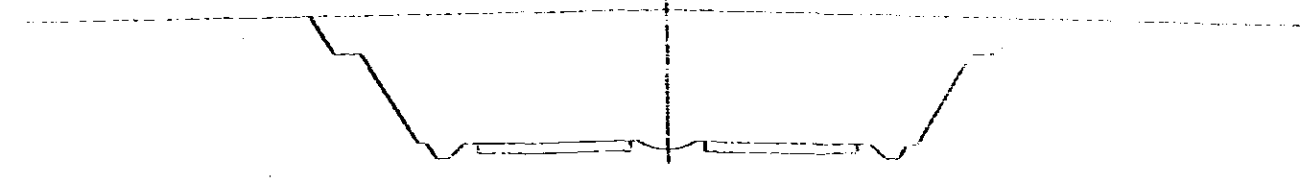
STA 15+100
 CH: 19.70
 PM: 13.800



STA 14+610
 CH: 6.30
 PM: 12.330

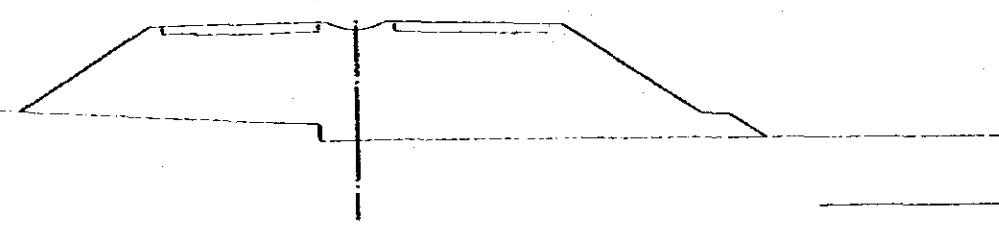


STA 15+000
 CH: 20.81
 PM: 13.500



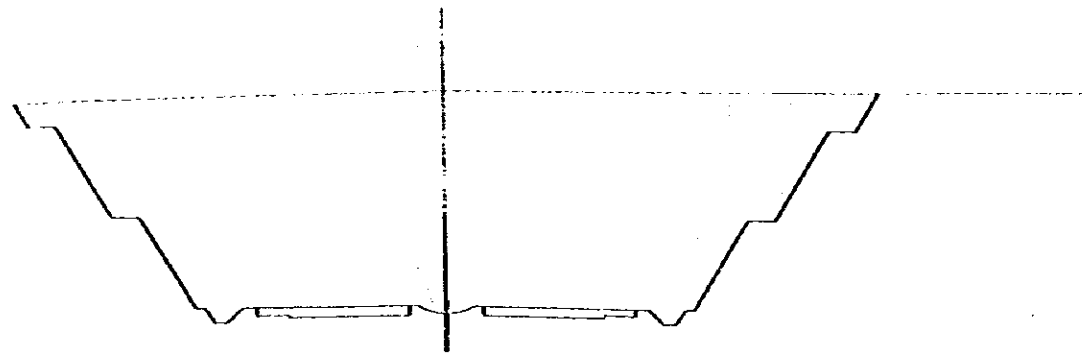
STA 14+900
 CH: 1.98
 PM: 0.367

22.000
 750 3750 6500 4.000 6500 3750 750



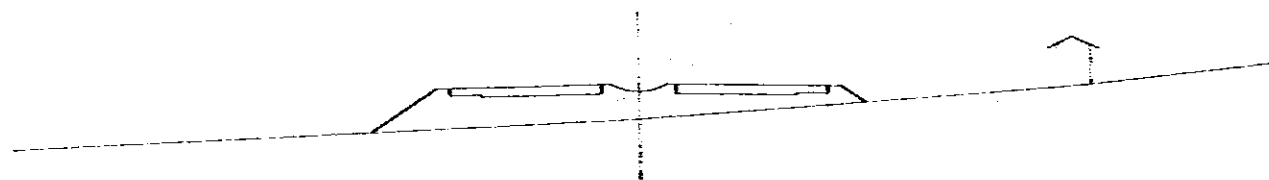
DEMOCRATIC SOCIALIST REPUBLIC OF VIETNAM		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON CANGASO WATERWAY IMPROVEMENT AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER HOLOMOC ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984 SHEET NO 24

STA 161 000
 CH: 28.41
 PH: 16.500



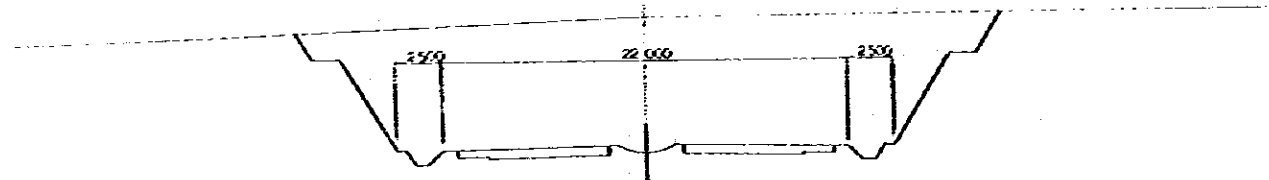
DL = 10.00

STA 151 800
 CH: 14.05
 PH: 15.500



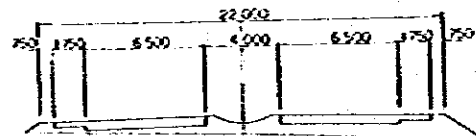
DL = 10.00

STA 151 600
 CH: 22.44
 PH: 15.300



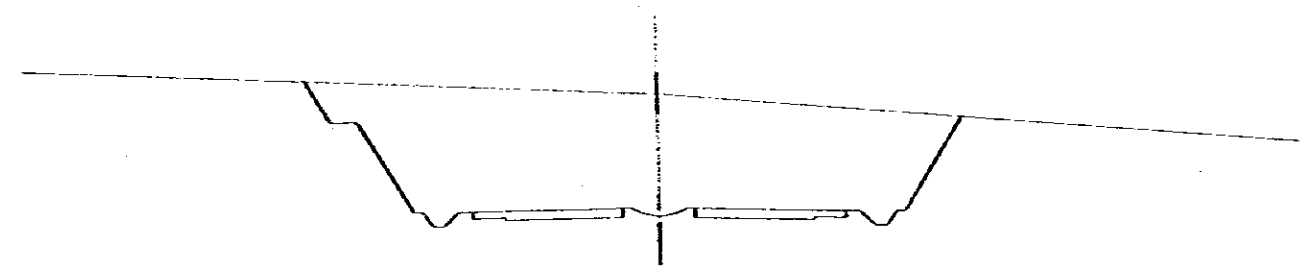
DL = 10.00

STA 151 400
 CH: 13.71
 PH: 14.700



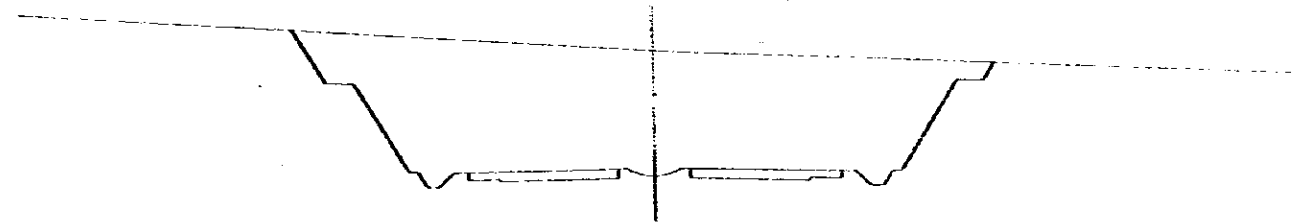
DL = 10.00

STA 161 200
 CH: 23.55
 PH: 17.100



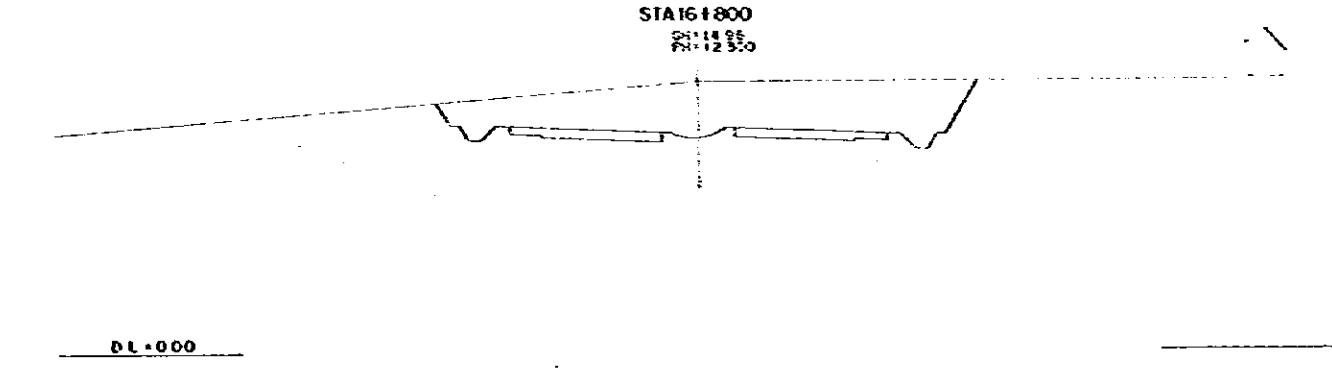
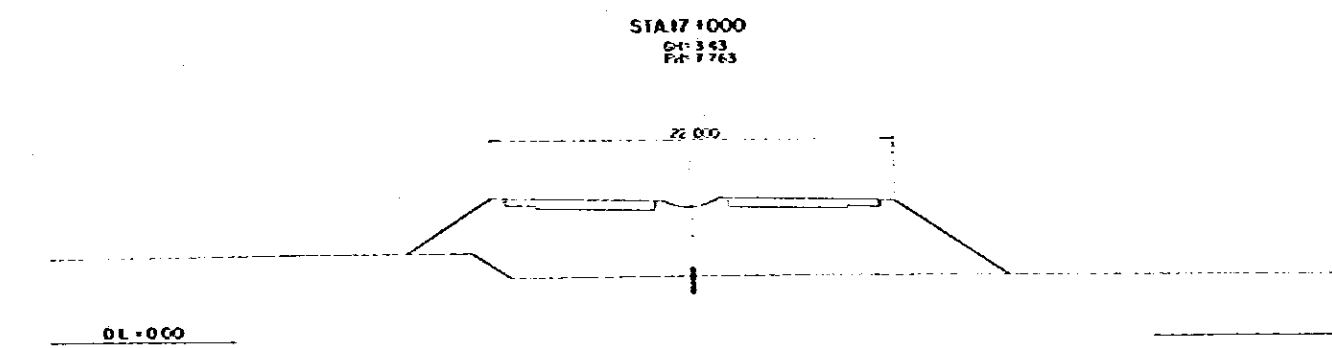
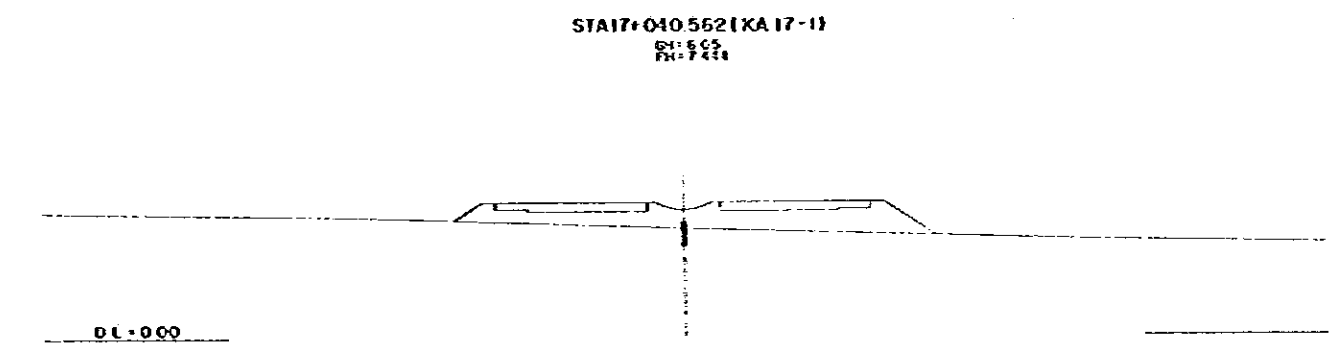
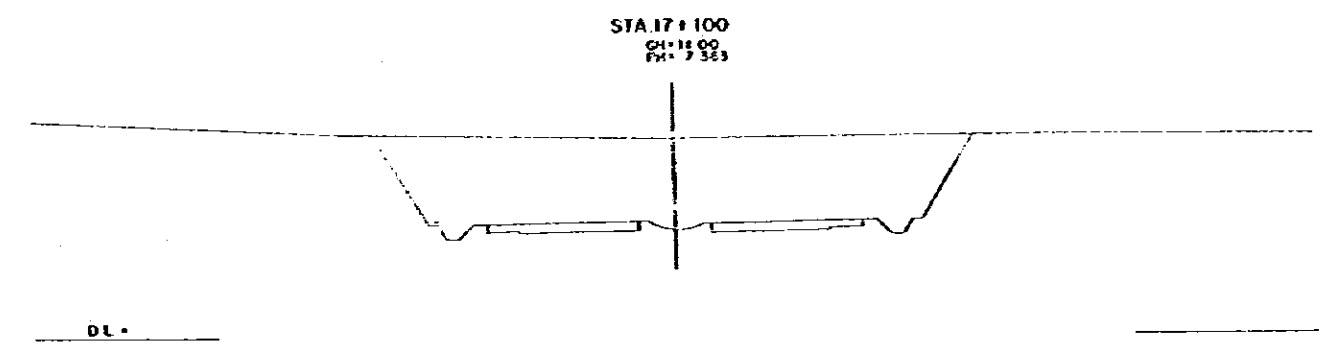
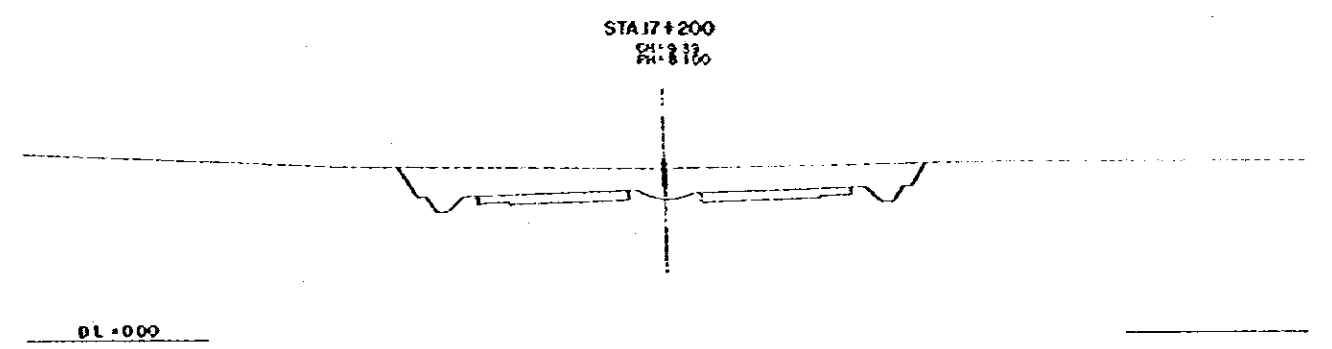
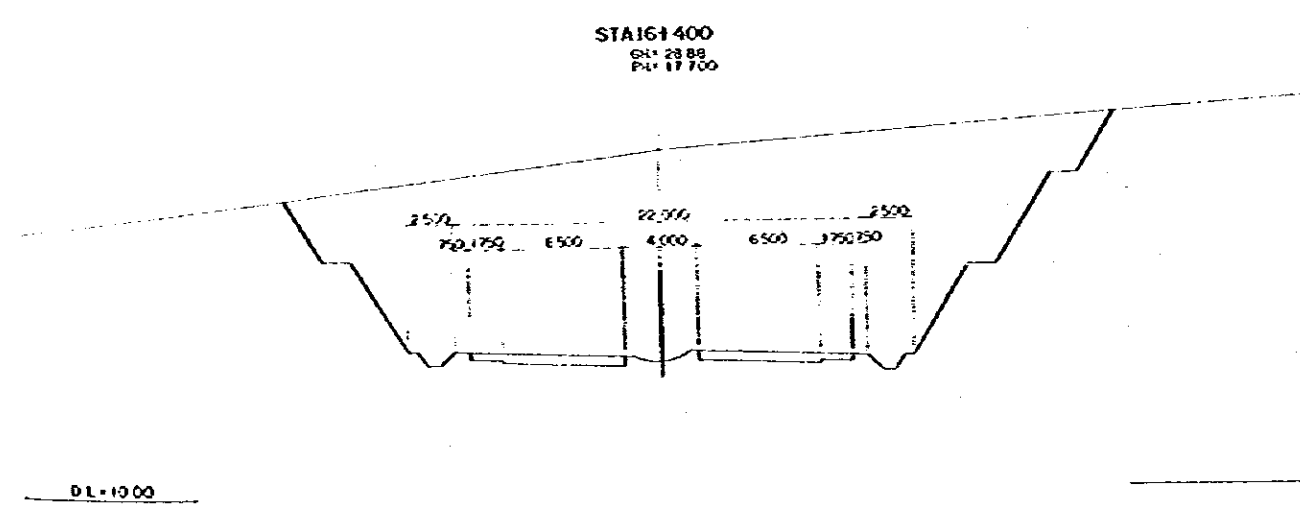
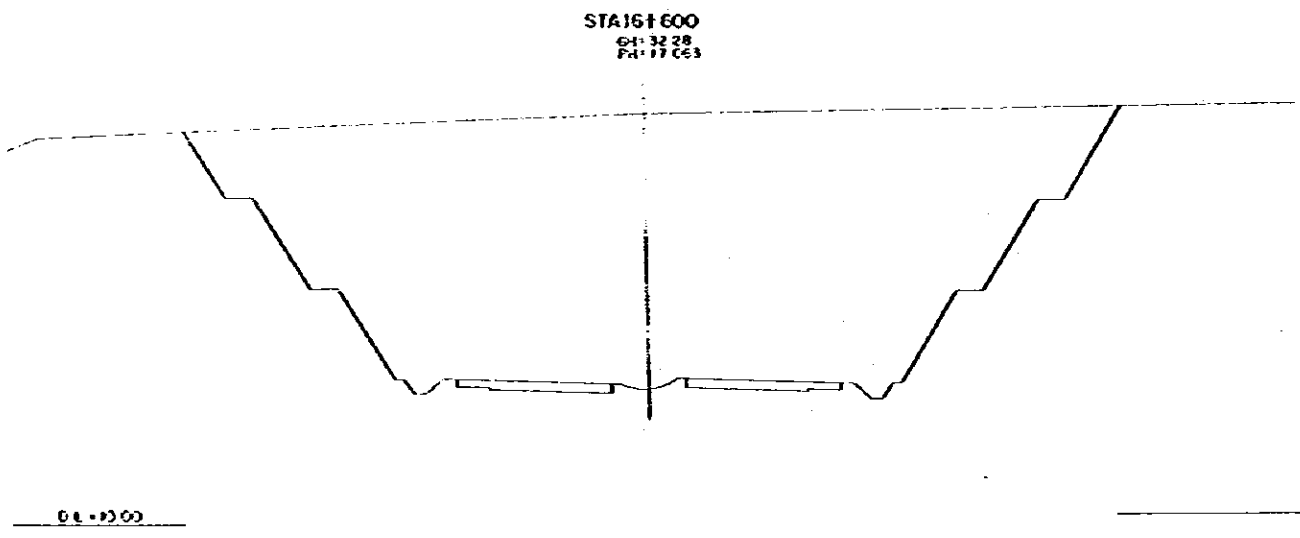
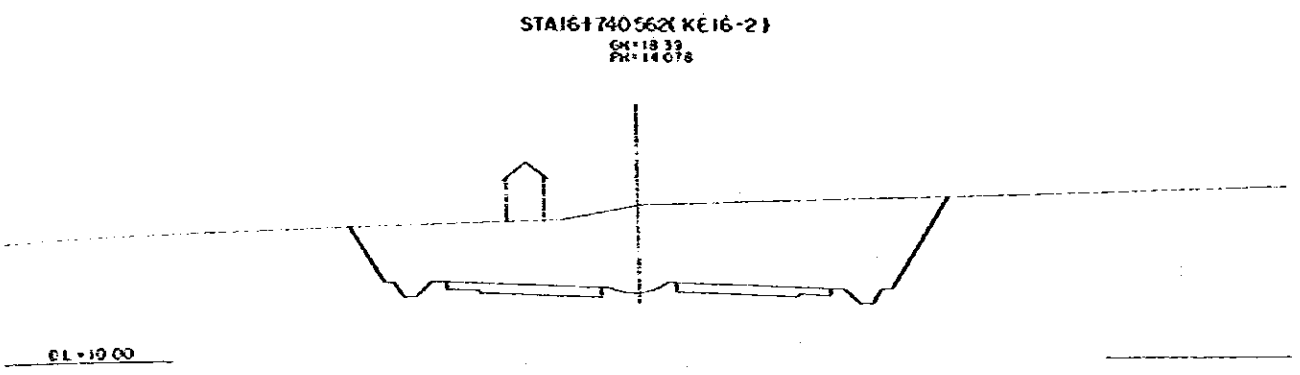
DL = 10.00

STA 161 118 119 (KA 16-1)
 CH: 23.55
 PH: 16.654

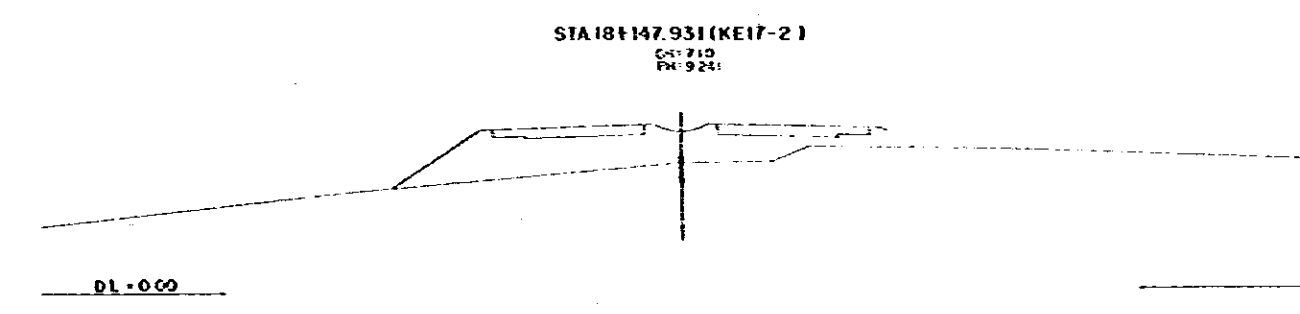
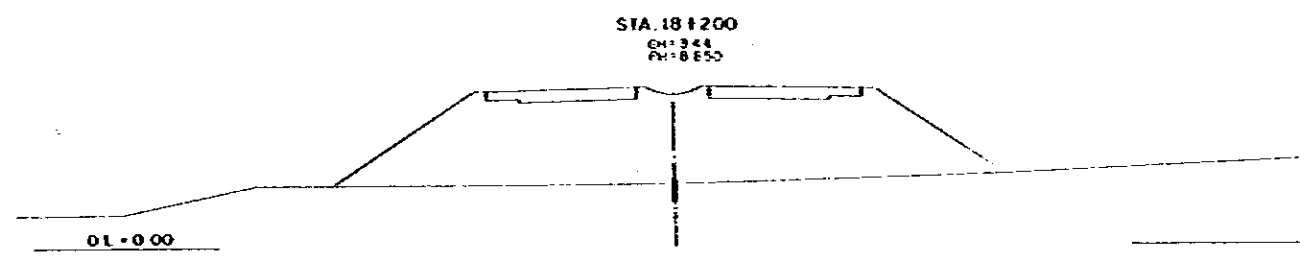
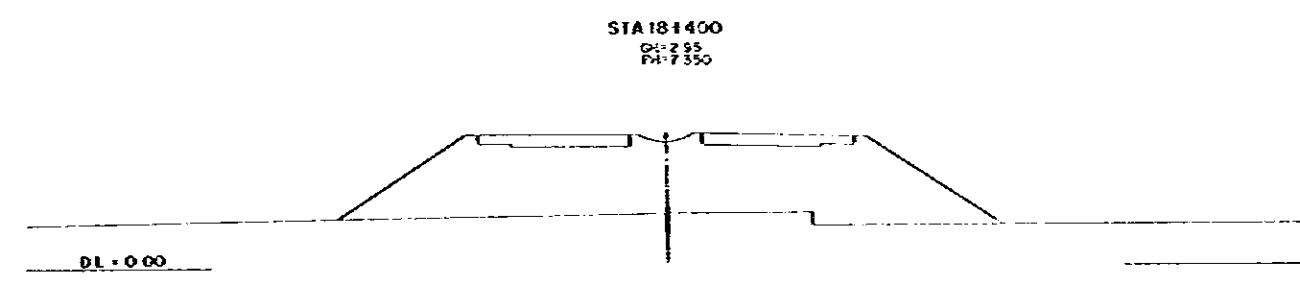
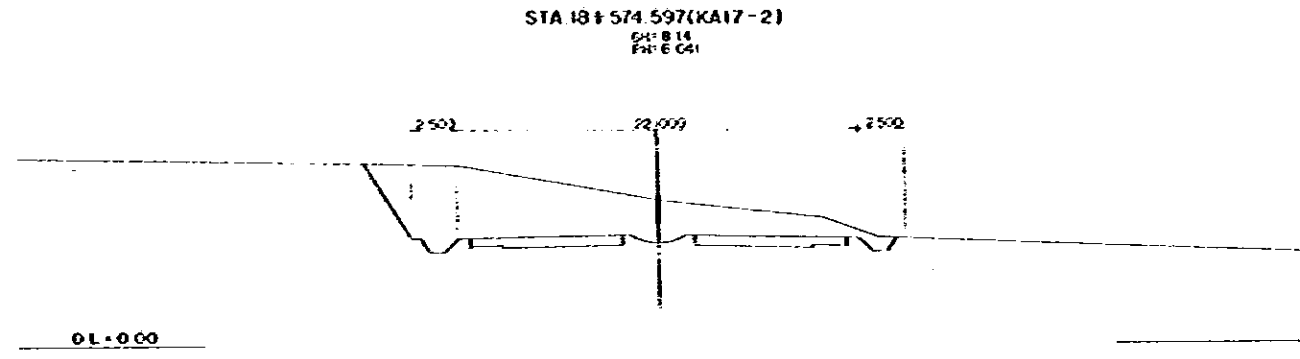
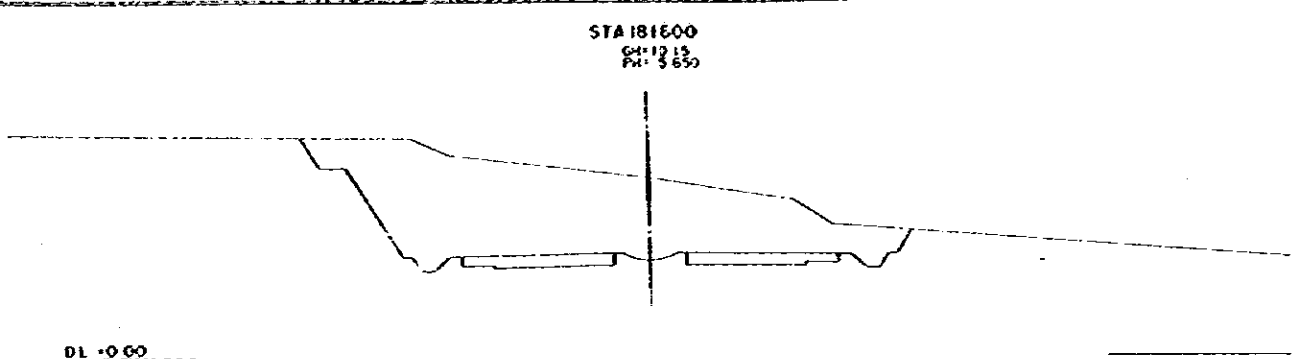
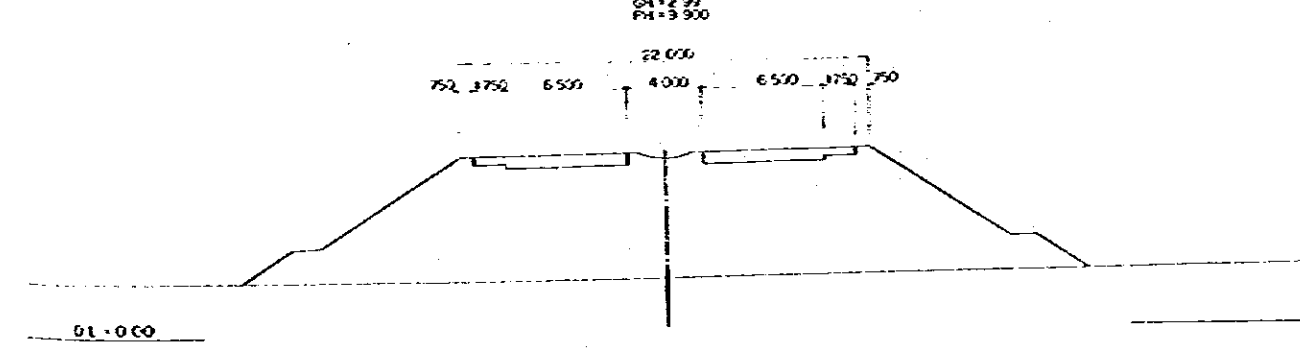
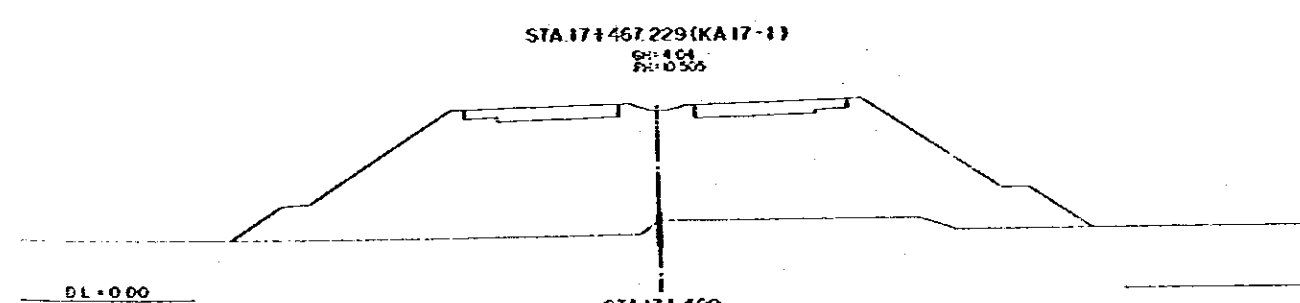
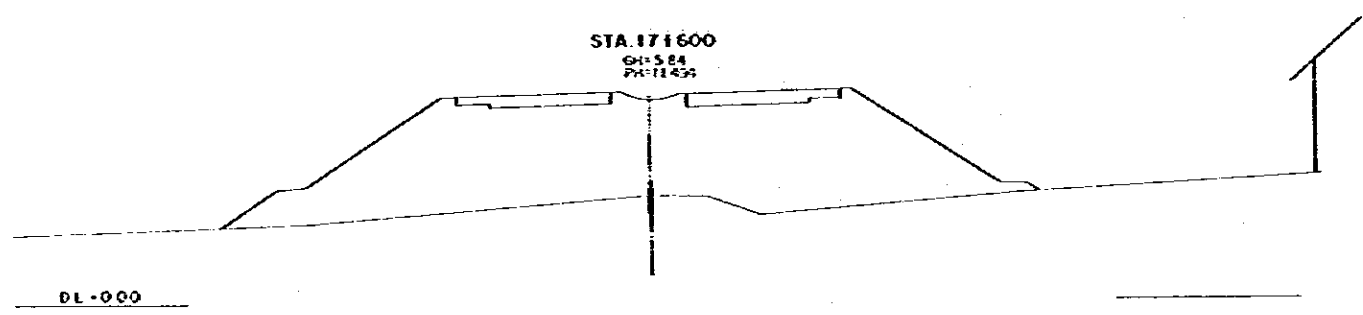
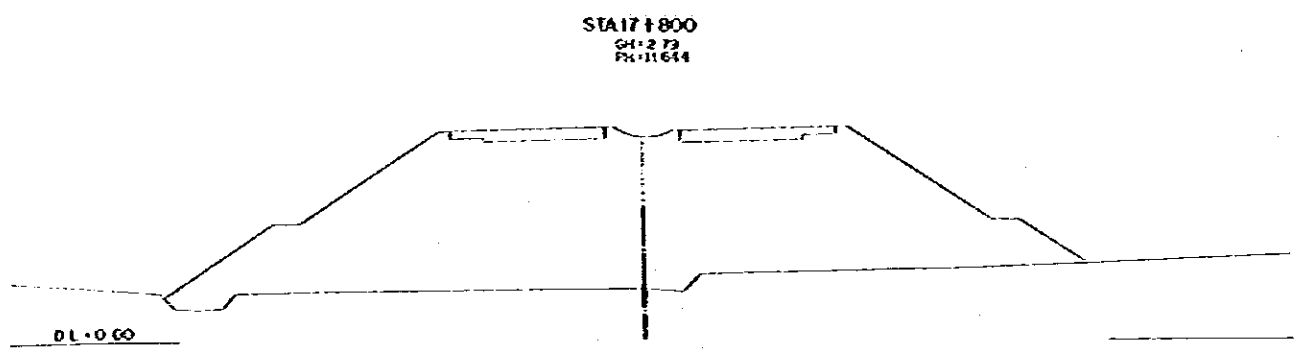
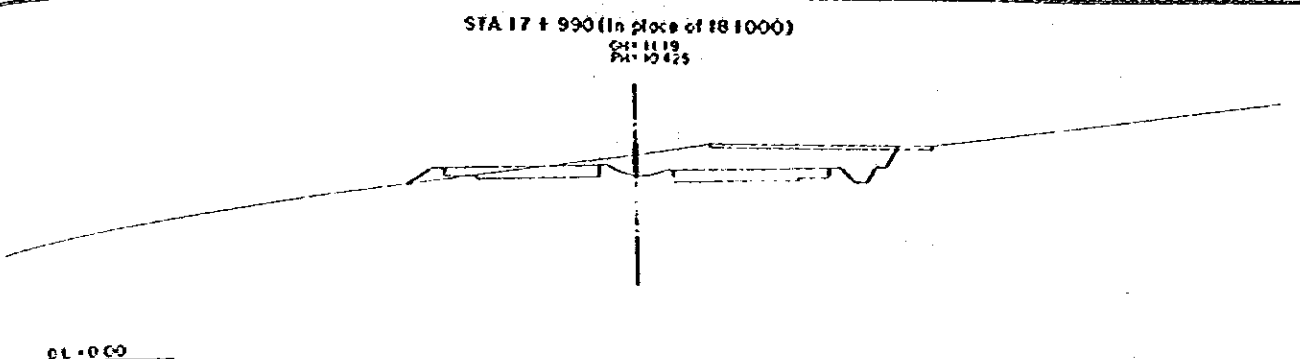


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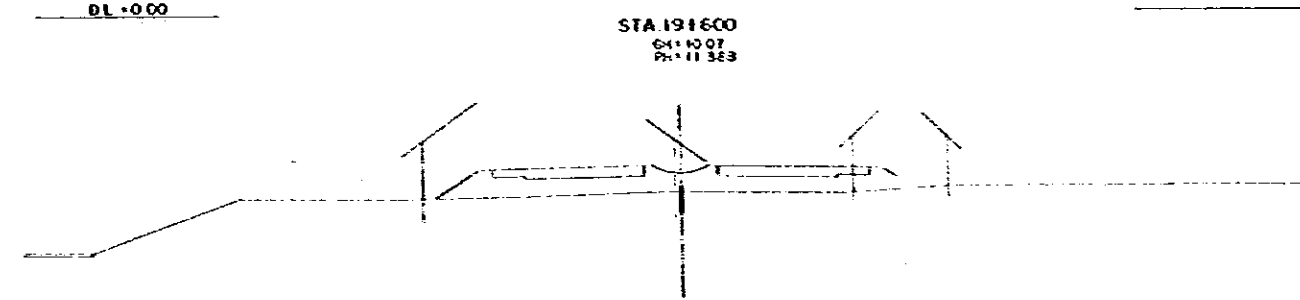
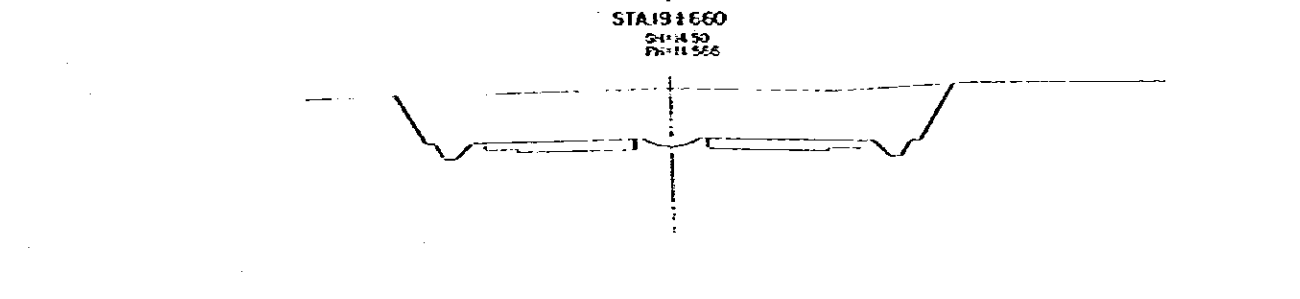
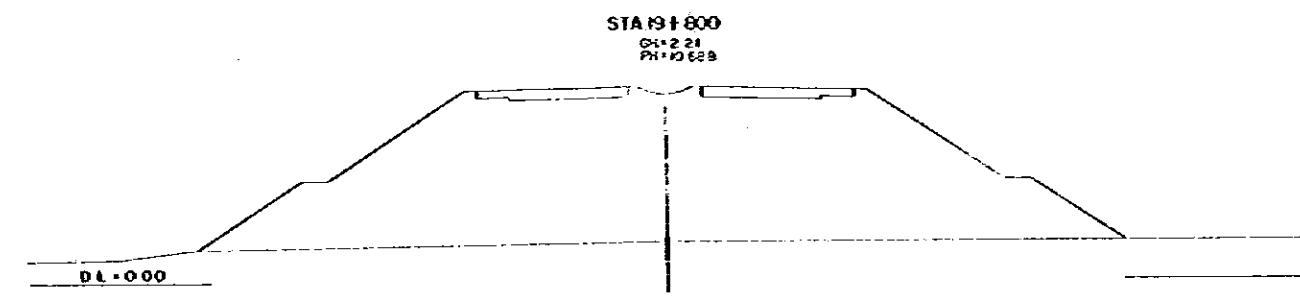
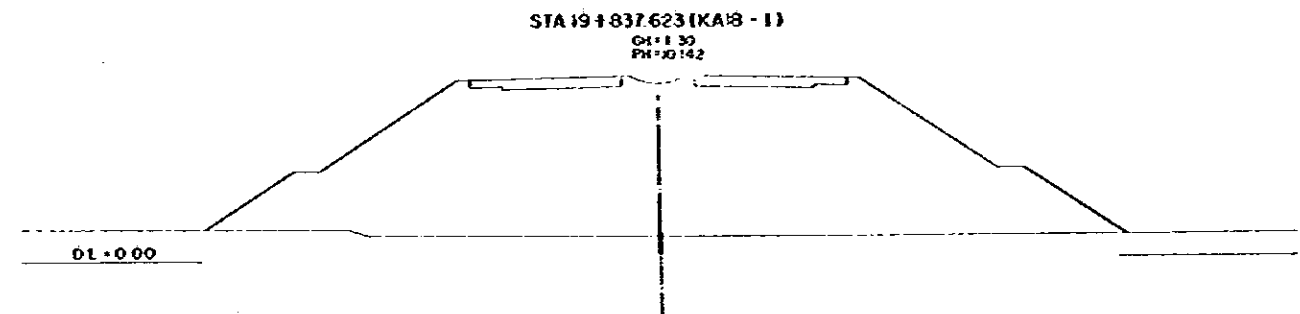
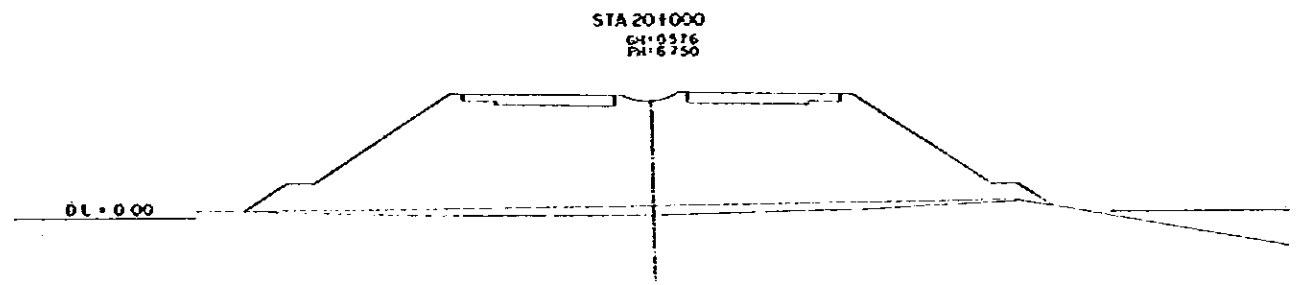
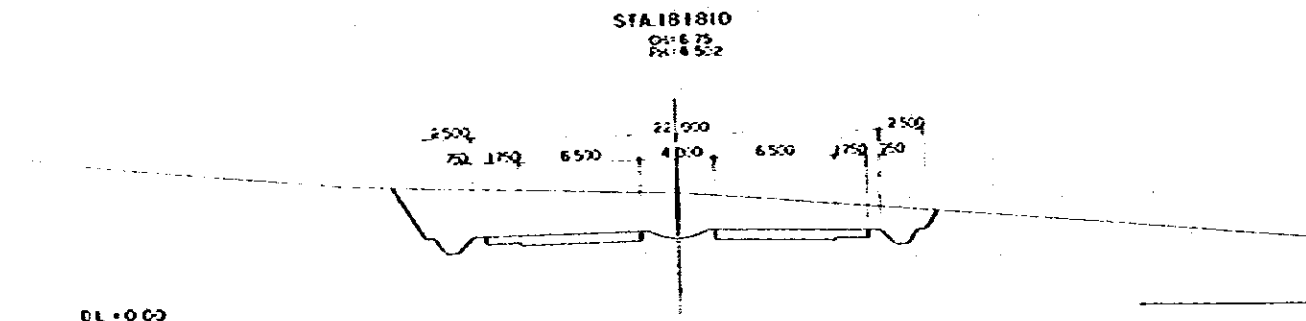
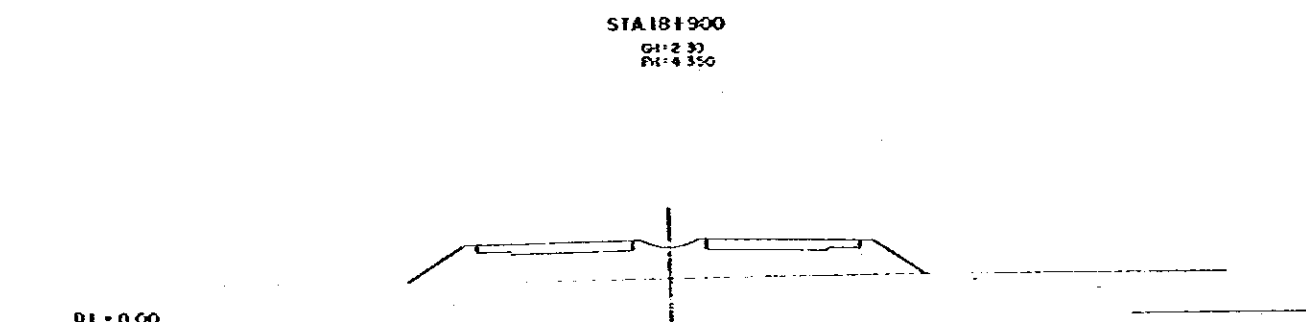
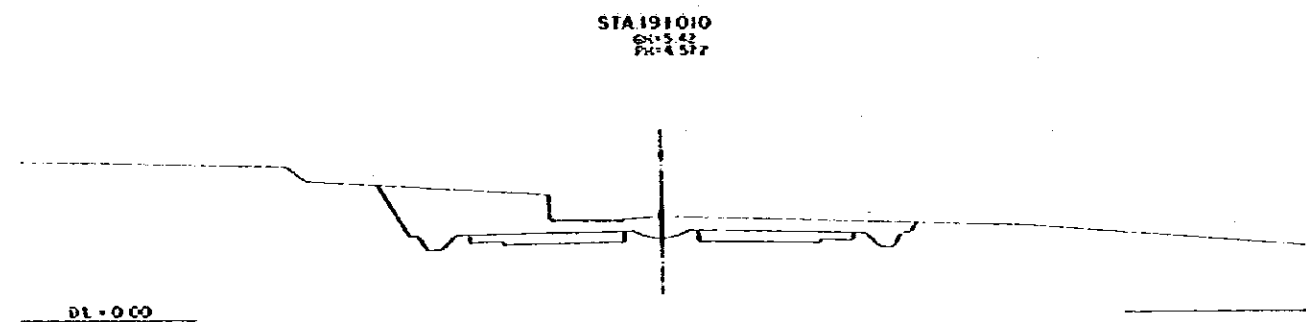
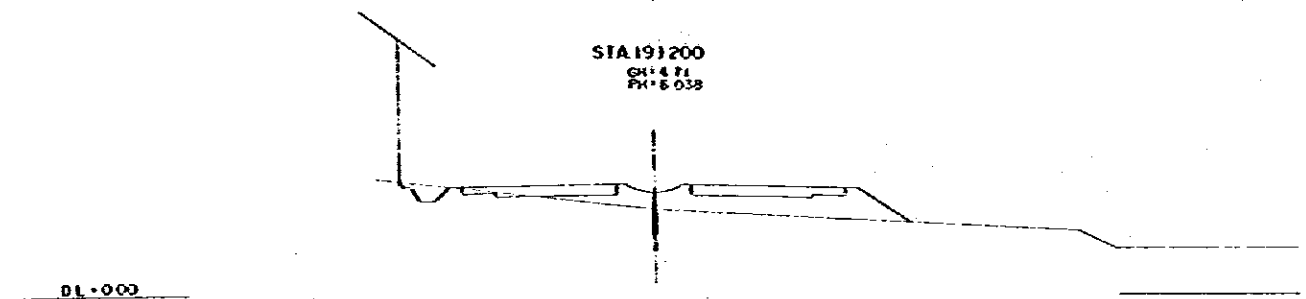
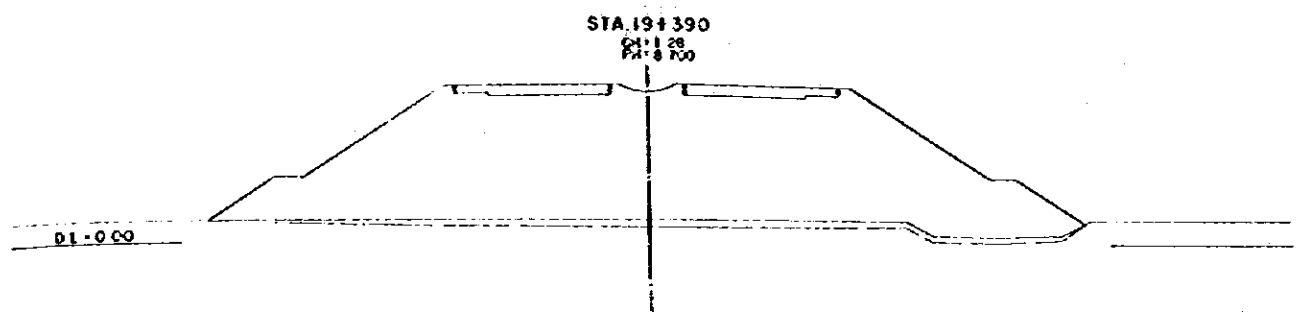
DEMOCRATIC SOCIALIST REPUBLIC OF GUINEA		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON COLEMSO KAFANIBAKE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER COLEMSO ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			DWG. NO. 25



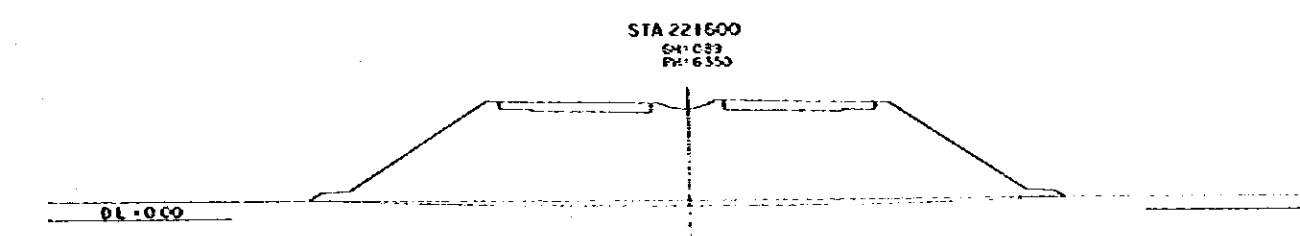
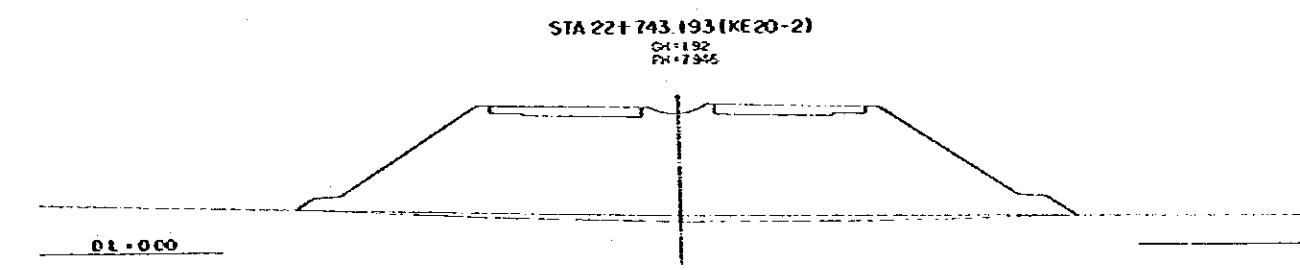
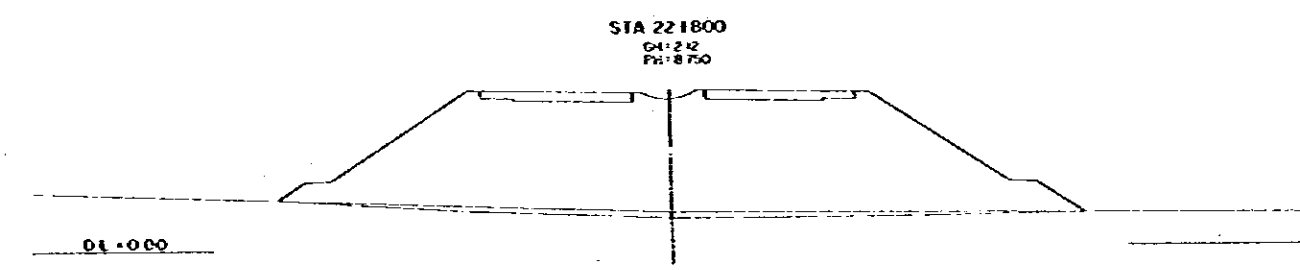
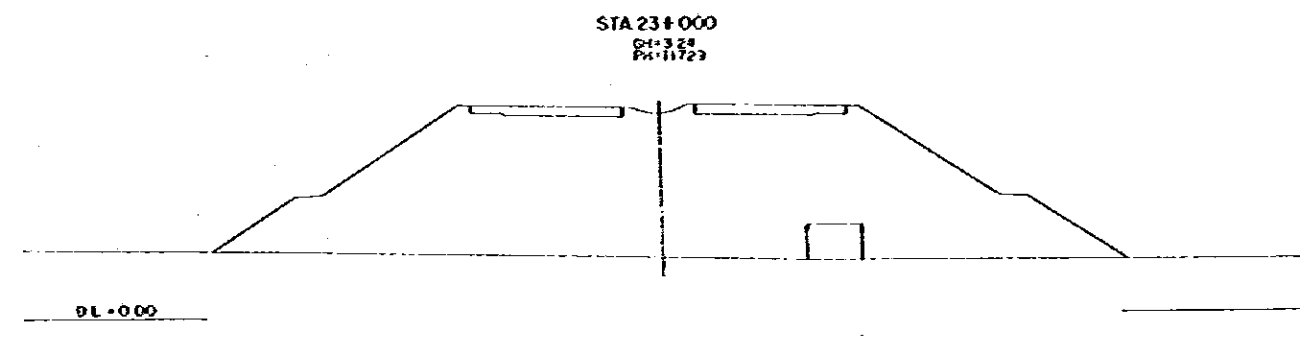
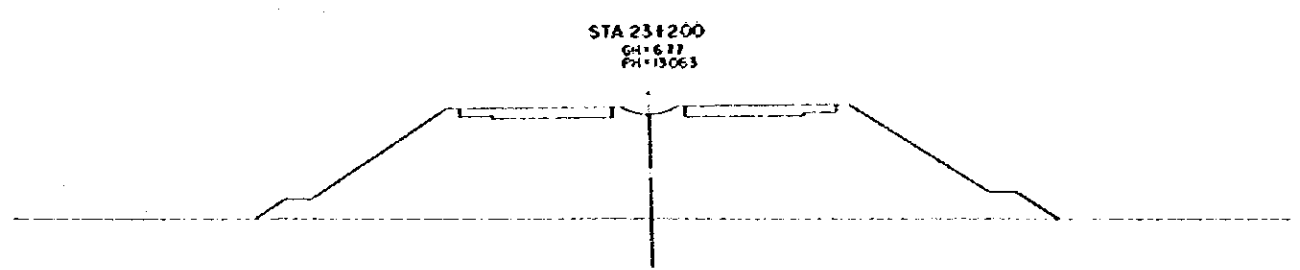
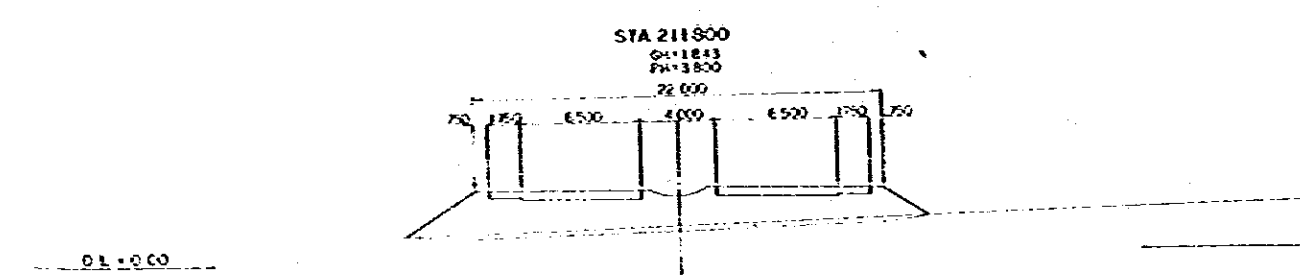
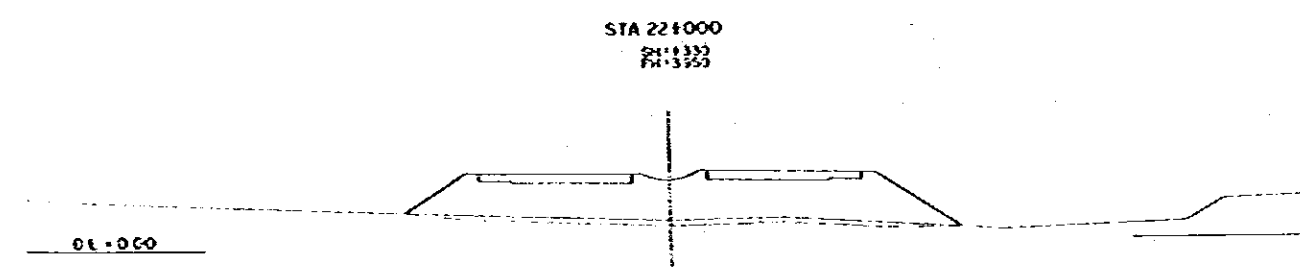
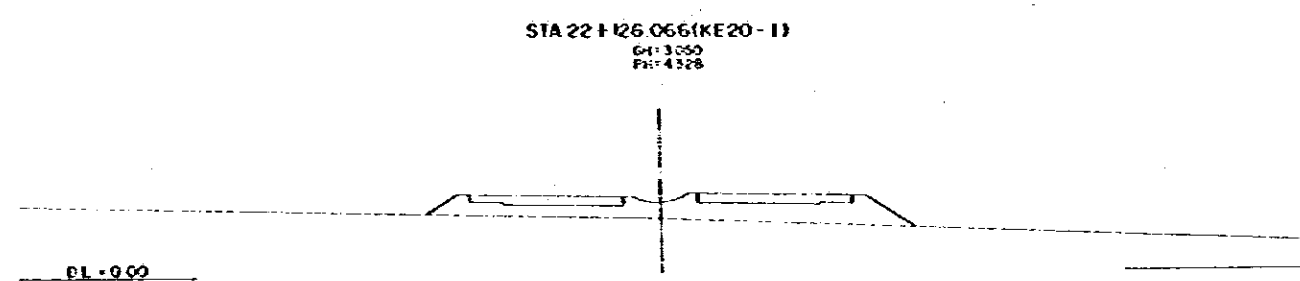
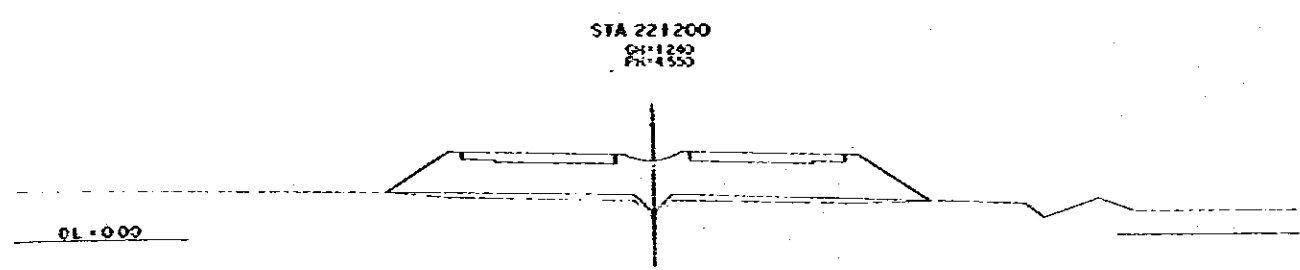
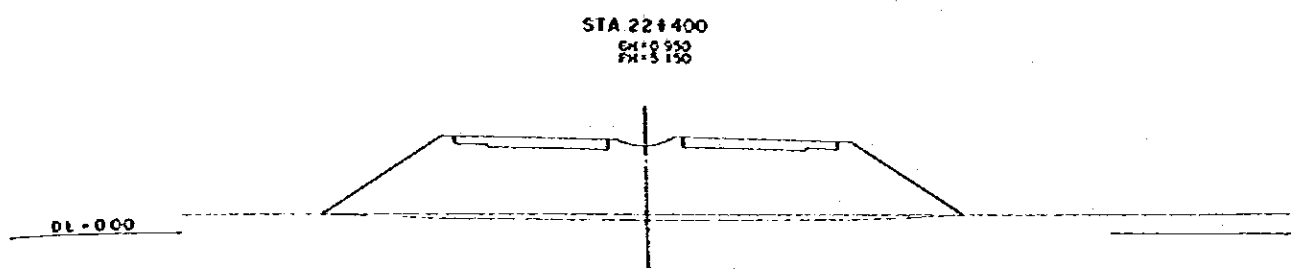
DEMOCRATIC SOCIALIST REPUBLIC OF GUINEA		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON COLEVED BANTANGARE EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER COLEVED ECONOMIC CORRIDOR JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			FIG. NO. 26



DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA		TITLE OF DRAWING	
THE RESEARCH STUDY ON RAILWAY WATERWAY BRIDGES AND NEW RAIL ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
		DRG. NO.	27



DEMOCRATIC SOCIALIST REPUBLIC OF SOMALIA		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON COLENSO NATURAL GAS PIPELINE AND HIGHWAY ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER BILMERE ECONOMIC COMMISSION		PREPARED	APPROVED
JAPAN INTERNATIONAL COOPERATION AGENCY		CHECKED	DATE JANUARY 1984
			DWG NO. 28



DEMOCRATIC SOCIAL REPUBLIC OF SIERRA LEONE		TITLE OF DRAWING	
THE ROADWAY STUDY ON BELVED ENTENYARE EXPRESSWAY AND BEB POINT ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER BELVED ECONOMIC DEVELOPMENT AUTHORITY		PREPARED	APPROVED
SIERRA INTERNATIONAL ENGINEERING AGENCY		CHECKED	DATE JANUARY 1994
			ENG NO 30

STA 23+800
 G1+3.48
 P1+3.750

DL+0.00

STA 23+659.860 (KE 21-1)
 G1+6.10
 P1+7.702

DL+0.00

STA 23+600
 G1+6.07
 P1+8.750

DL+0.00

STA 23+400
 G1+7.71
 P1+11.729

DL+0.00

STA 23+243.193 (KA 21-1)
 G1+7.35
 P1+13.050

22 000
 4 000
 6 500 1 750 750

DL+0.00

STA 24+600
 G1+3.08
 P1+3.450

DL+0.00

STA 24+400
 G1+0.36
 P1+2.380

DL+0.00

STA 24+200
 G1+0.91
 P1+3.250

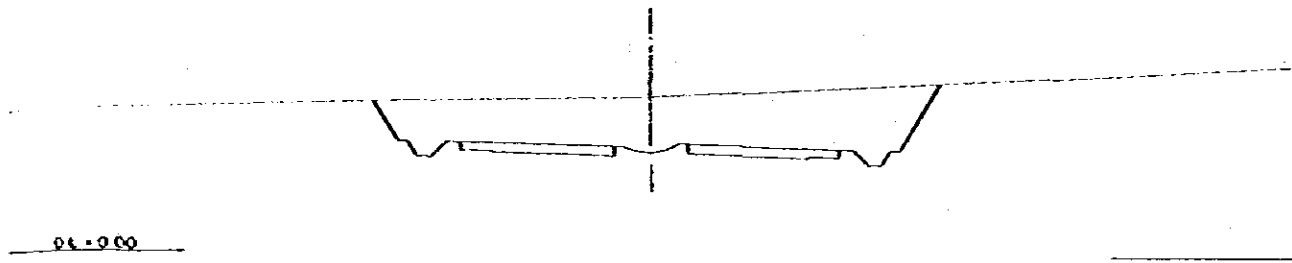
DL+0.00

STA 24+000
 G1+1.67
 P1+3.933

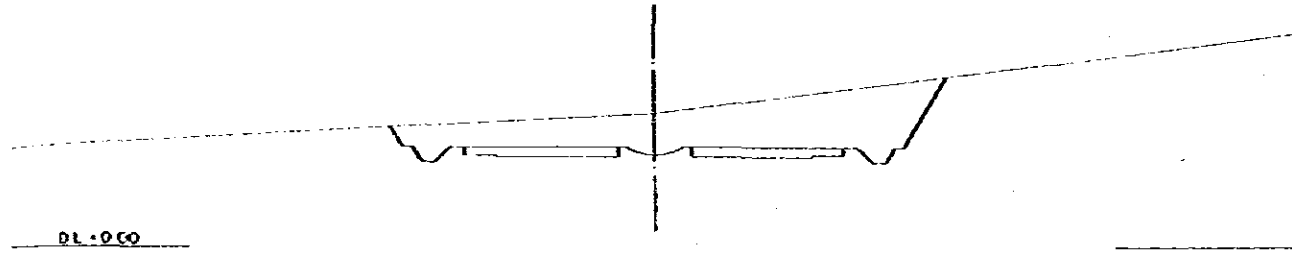
DL+0.00

DEMOCRATIC SOCIALIST REPUBLIC OF BURUNDI THE FEASIBILITY STUDY ON SOLOVEDU RAILWAY EXPRESSWAY AND NEW PASAD ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER BURUNDI ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			DWG NO 31

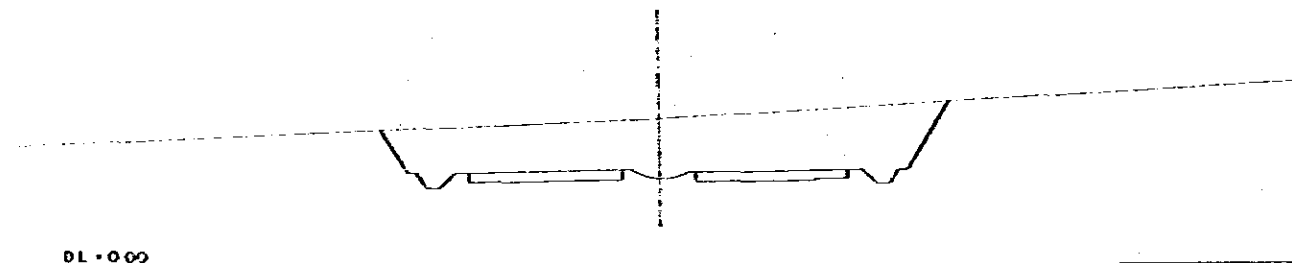
STA 25+200
 CH: 1.82
 PI: 5.450



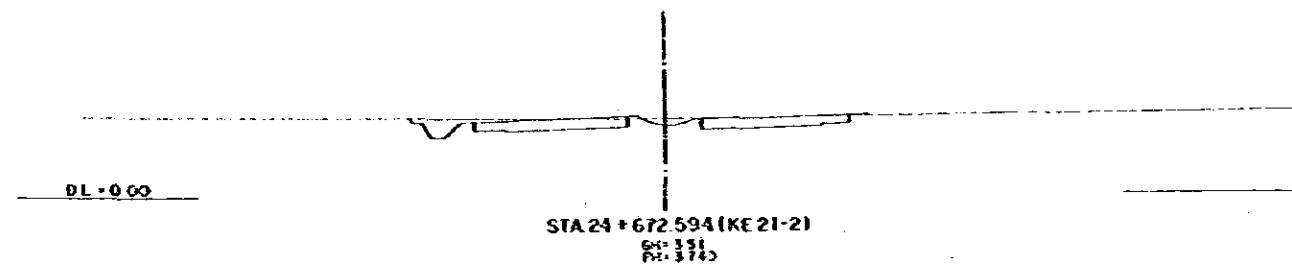
STA 25+099.260 (BC-22)
 CH: 7.32
 PI: 5.447



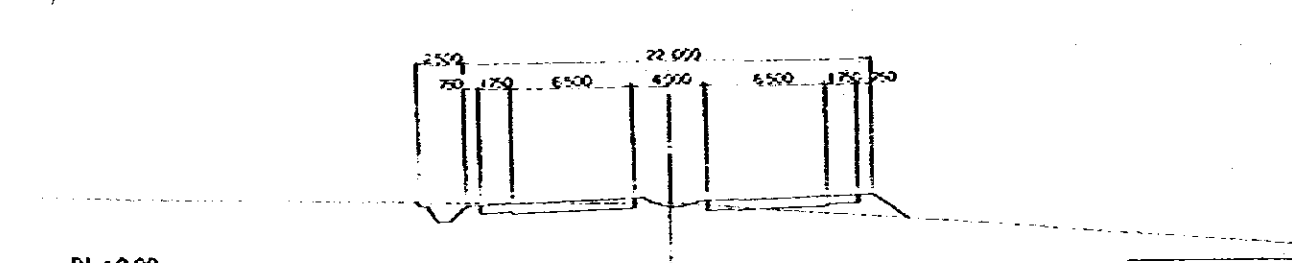
STA 25+1000
 CH: 8.01
 PI: 5.050



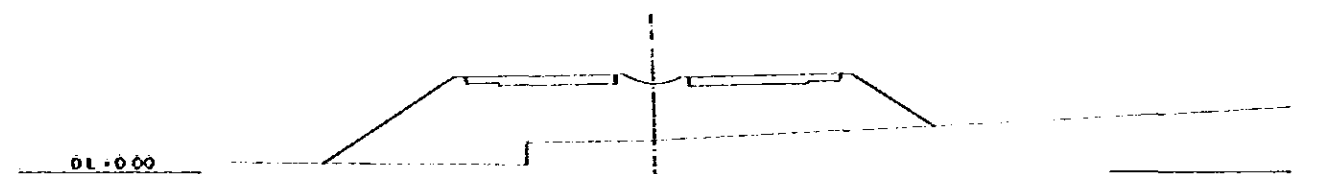
STA 24+800
 CH: 4.23
 PI: 4.250



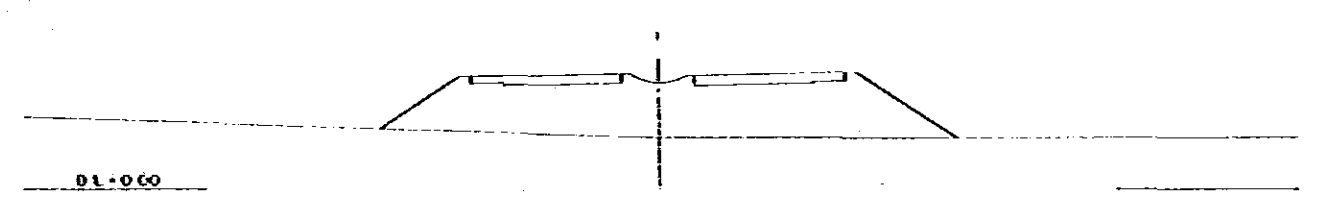
STA 24+672.594 (KE 21-2)
 CH: 3.31
 PI: 3.745



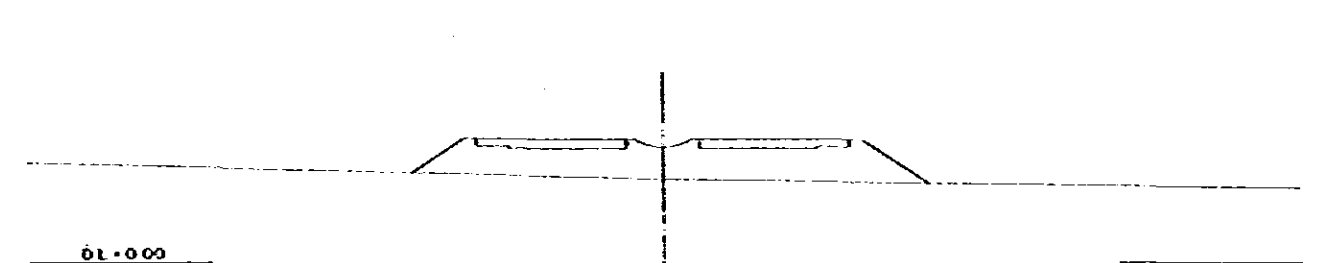
STA 26+1000
 CH: 1.82
 PI: 5.450



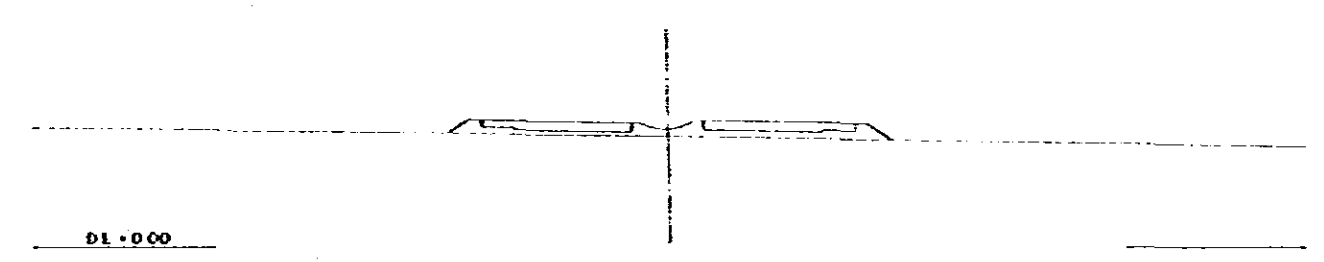
STA 25+800
 CH: 2.55
 PI: 6.450



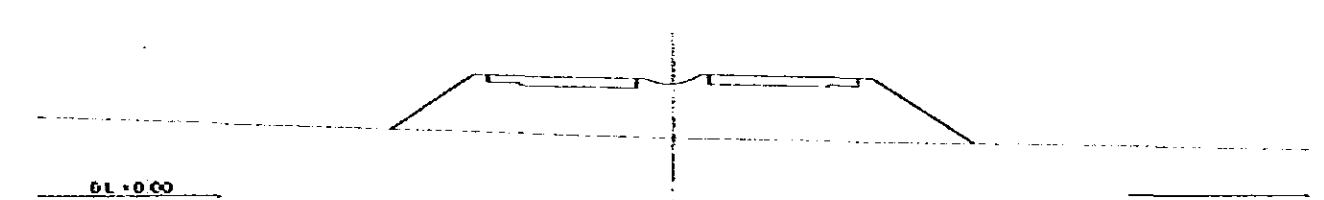
STA 25+658.928 (BC-22)
 CH: 4.63
 PI: 6.931



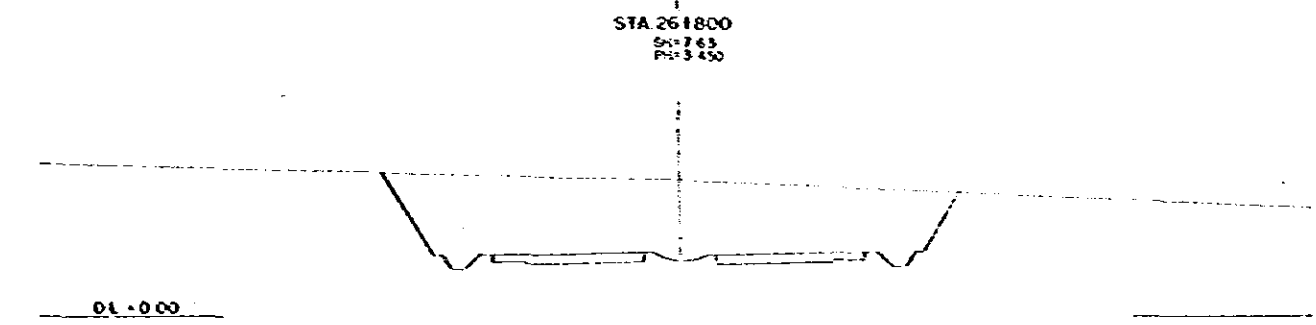
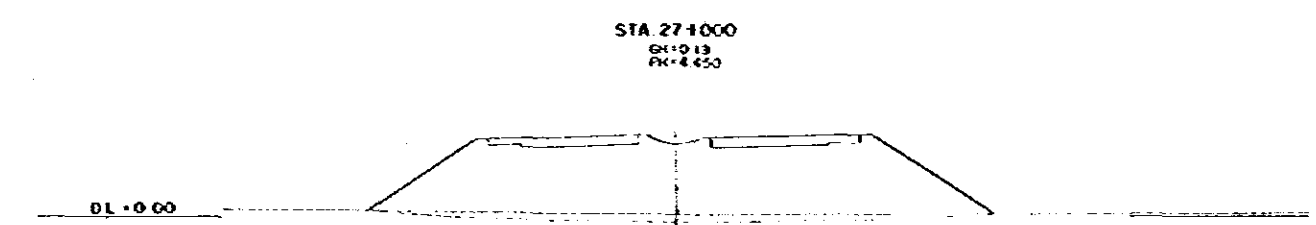
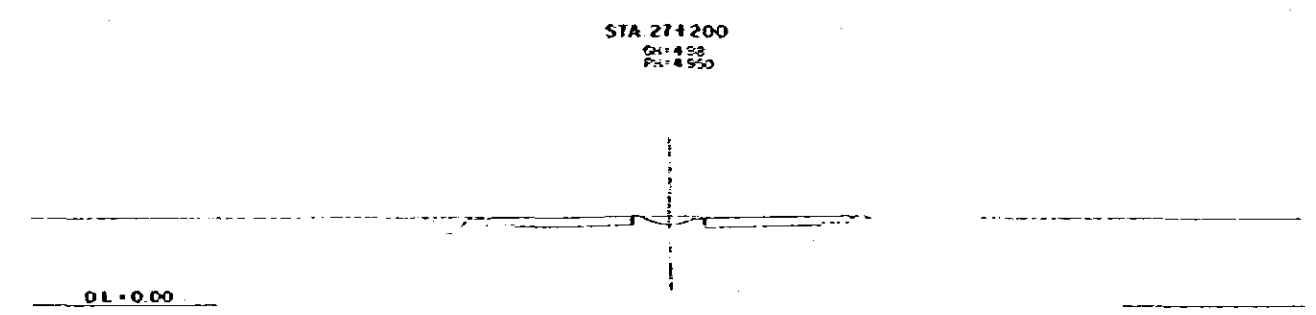
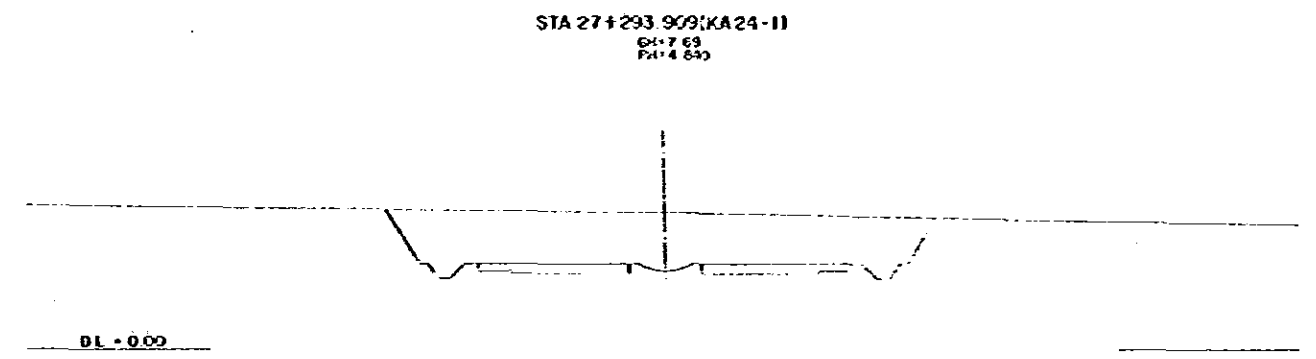
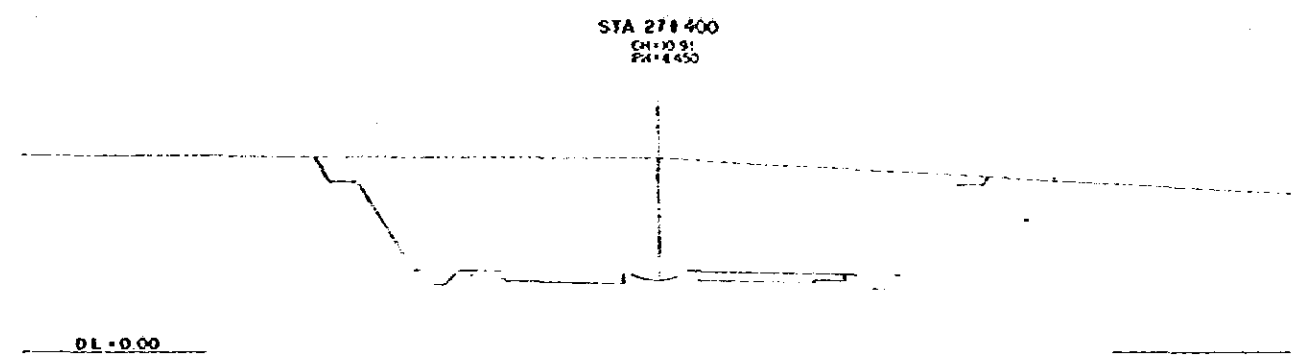
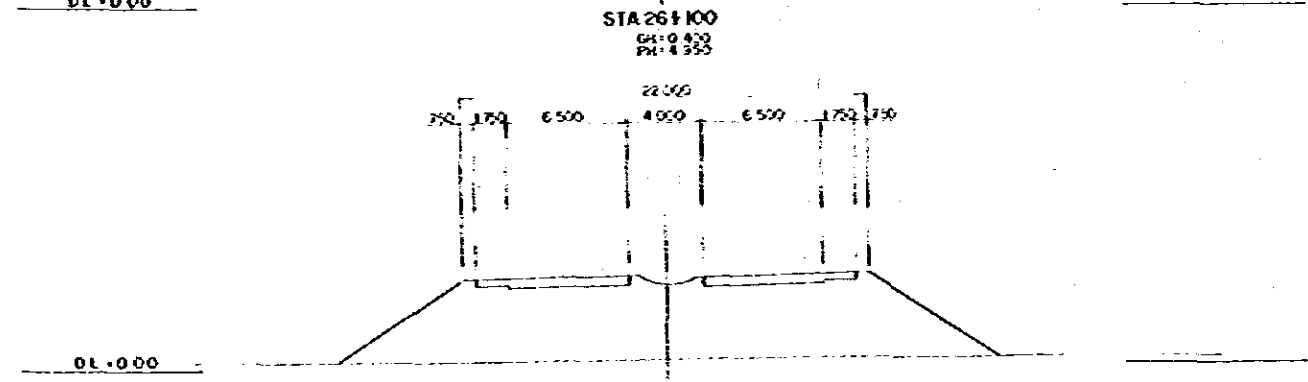
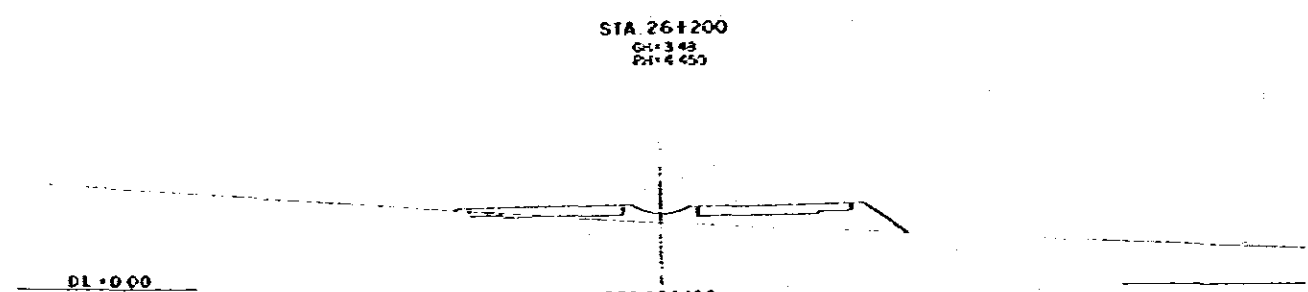
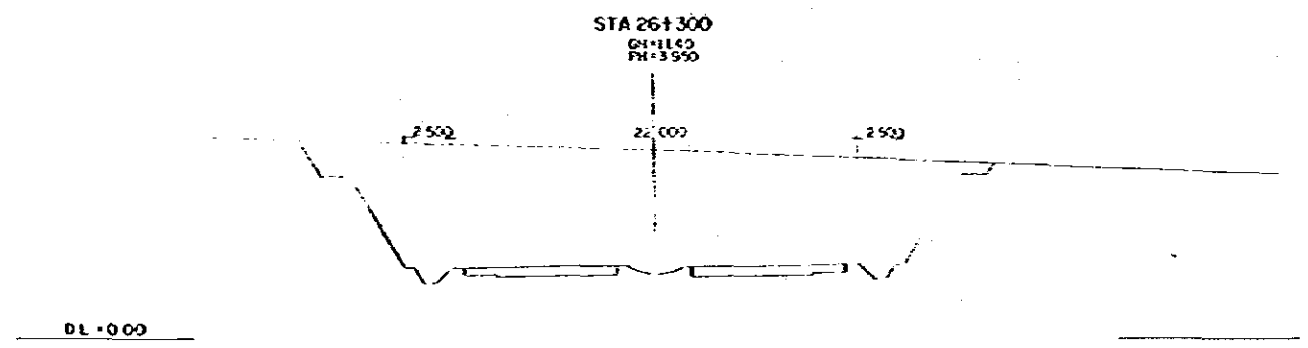
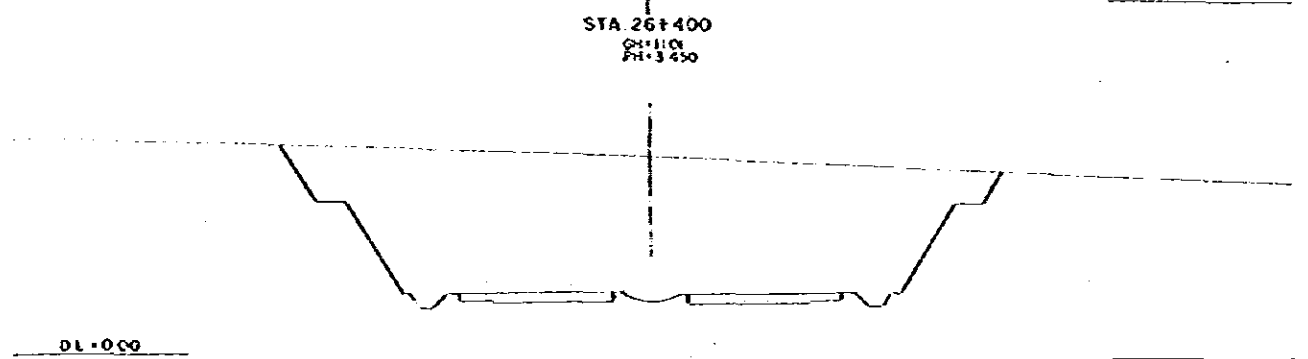
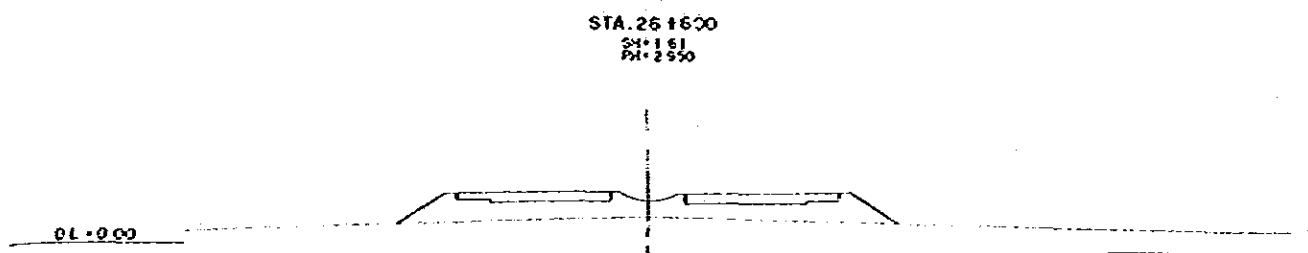
STA 25+600
 CH: 6.22
 PI: 7.000



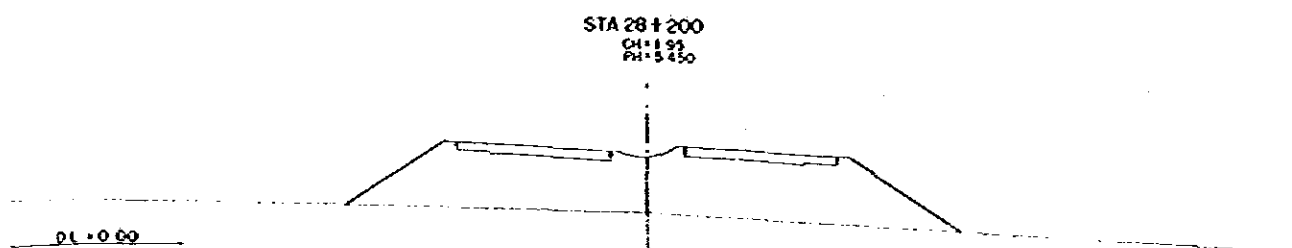
STA 25+400
 CH: 3.29
 PI: 6.650



DEMOCRATIC SOCIALIST REPUBLIC OF BULGARIA		TITLE OF DRAWING	
THE FEASIBILITY STUDY ON ECONOMIC RATIONALIZATION AND HIGHWAY ACCESS ROAD CONSTRUCTION PROJECT		CROSS SECTION	
GREATER ECONOMIC COMMISSION		PREPARED	APPROVED
UNION INTERNATIONAL COOPERATION AGENCY		CHECKED	DATE JANUARY 1964
			DWG. NO. 32

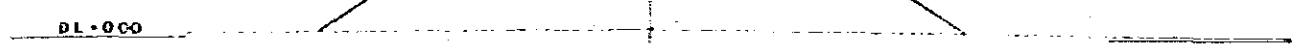


DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA THE FEASIBILITY STUDY ON COLEMBE RAILWAY EXPANSION AND NEW ROAD ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
OPERATED BY SRI LANKA RAILWAY CORPORATION	PREPARED BY JAPAN INTERNATIONAL COOPERATION AGENCY	APPROVED DATE JANUARY 1974	FIG. NO. 33

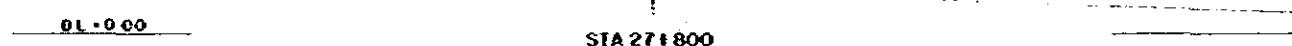


STA 28+200
 CH: 1.95
 PI: 5.450

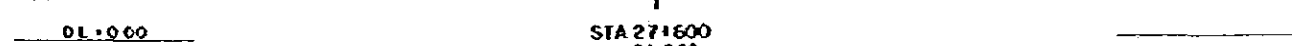
STA 28+093.909 (KE24-1)
 CH: 0.55
 PI: 4.624



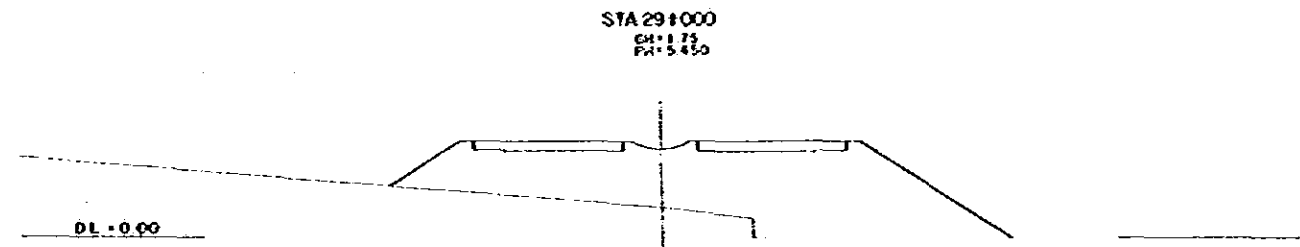
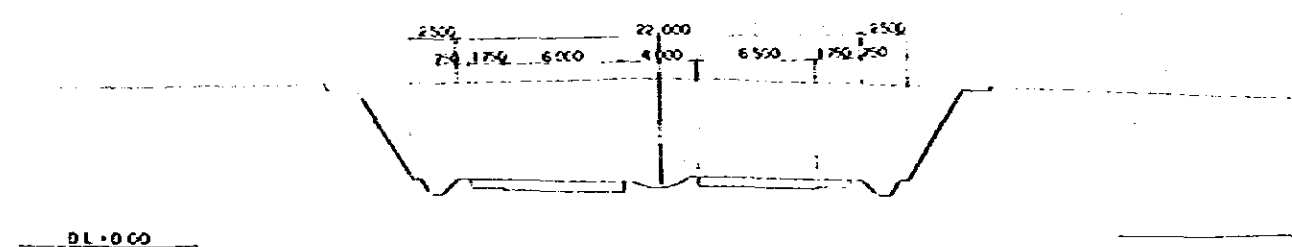
STA 28+1000
 CH: 2.42
 PI: 3.950



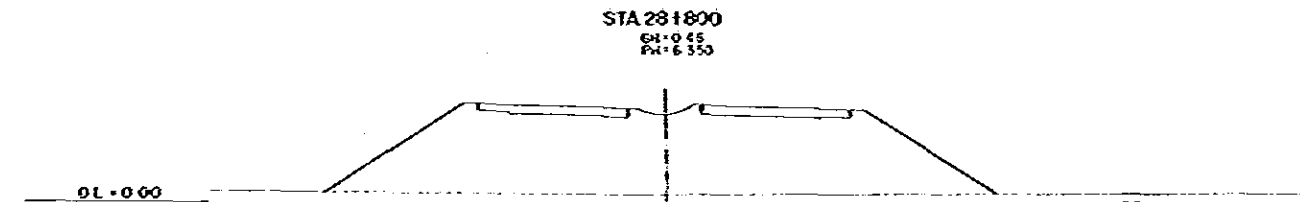
STA 27+800
 CH: 3.75
 PI: 3.075



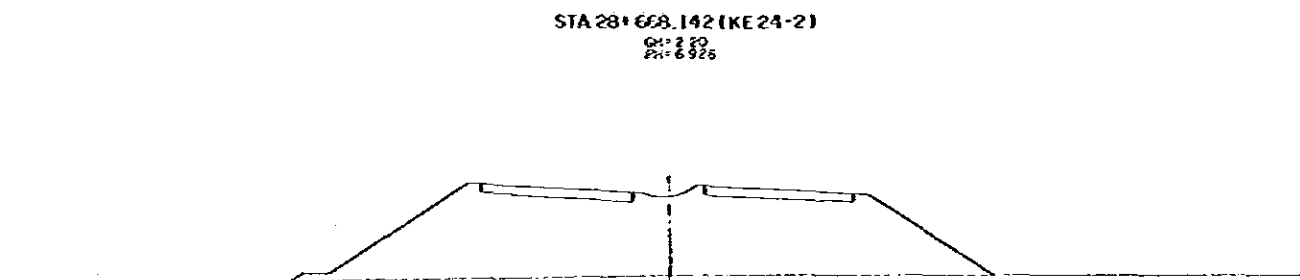
STA 27+600
 CH: 3.03
 PI: 3.450



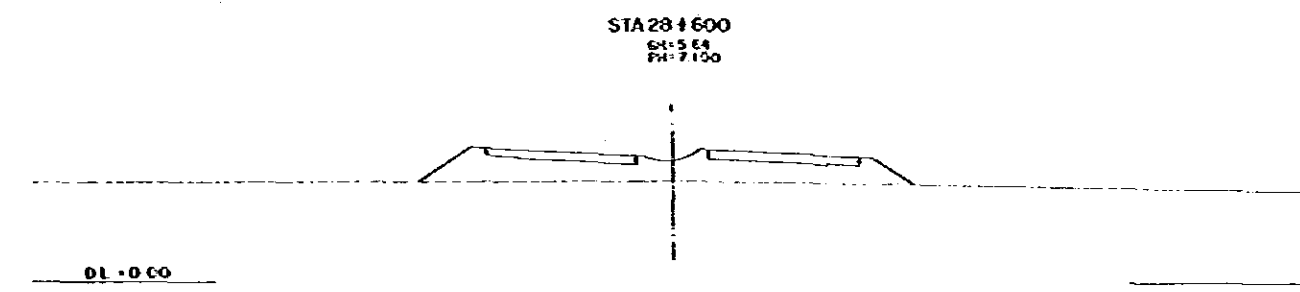
STA 29+000
 CH: 1.75
 PI: 5.450



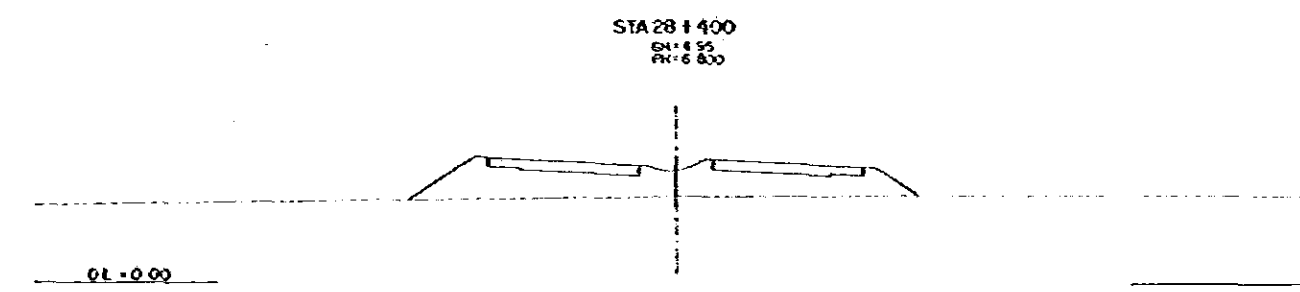
STA 28+800
 CH: 0.45
 PI: 6.350



STA 28+658.142 (KE24-2)
 CH: 2.20
 PI: 6.926

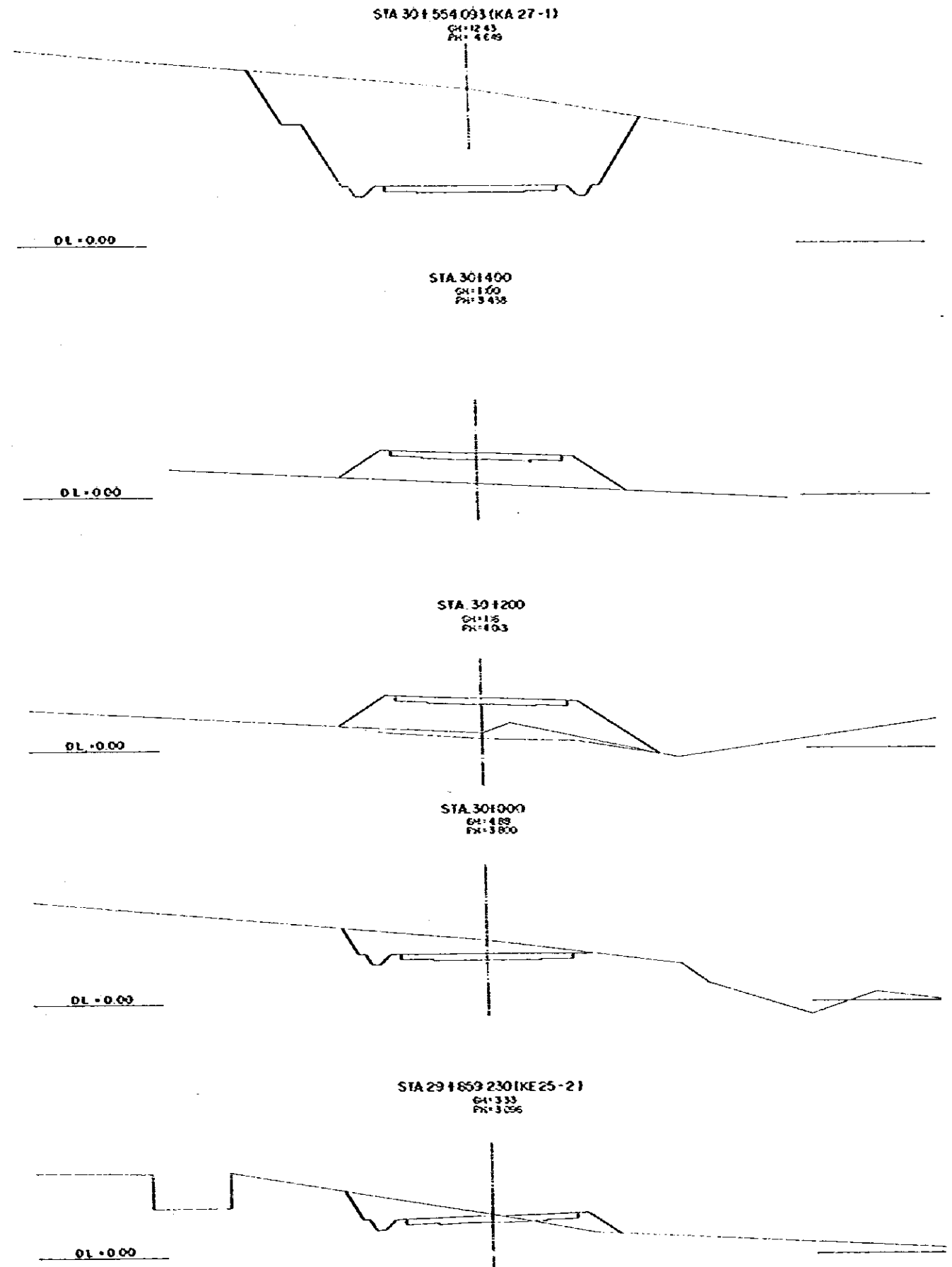
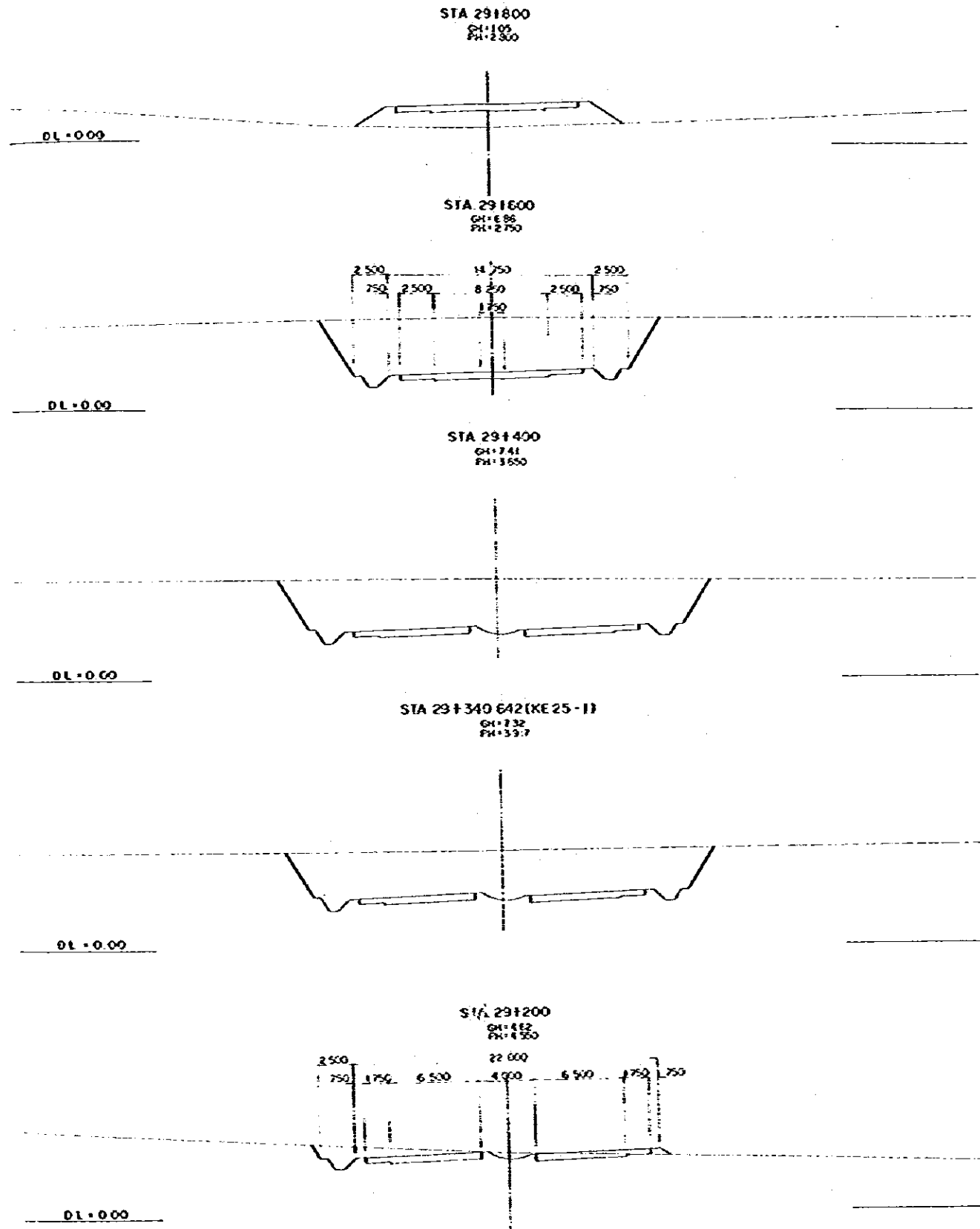


STA 28+600
 CH: 5.64
 PI: 7.100



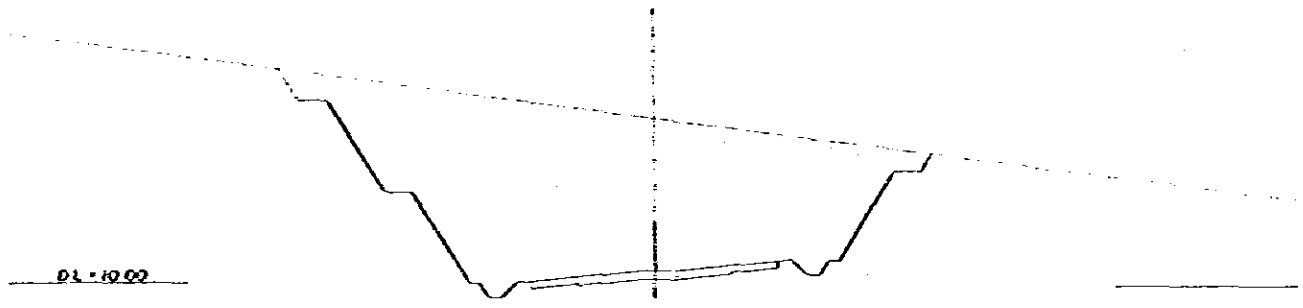
STA 28+400
 CH: 4.55
 PI: 6.800

DEMOCRATIC SOCIALIST REPUBLIC OF SOMALIA		TITLE OF ROAD NO.	
THE FEASIBILITY STUDY ON GOLFED KATARKAYE EXPRESSWAY AND BEH PORT ACCESS ROAD CONSTRUCTION PROJECT		ROAD SECTION	
GREATER BOLDWOOD ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			SPS 63 34

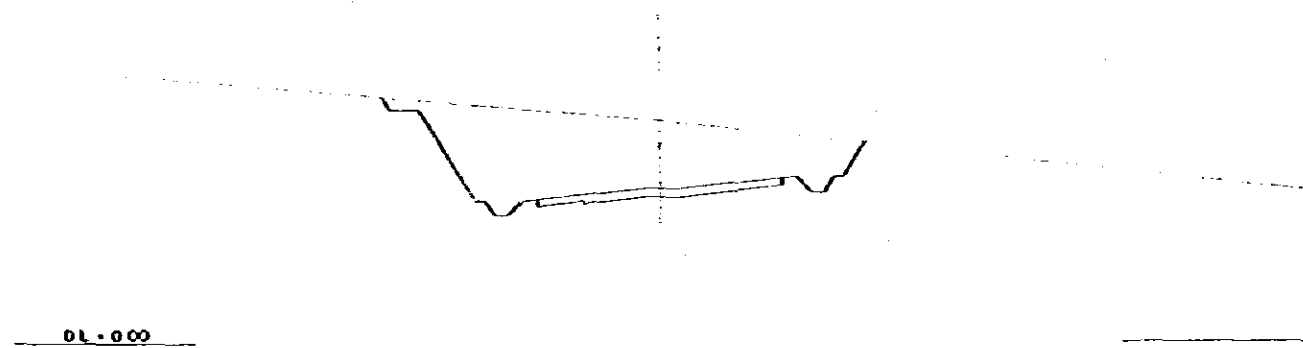


DEMOCRATIC SOCIALIST REPUBLIC OF SAIGON THE FEASIBILITY STUDY ON COLOMBO RATCHANAKARE EXPRESSWAY AND NEW POINT ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
PREPARED CHECKED	APPROVED DATE JANUARY 1994	DWG. NO. 35	

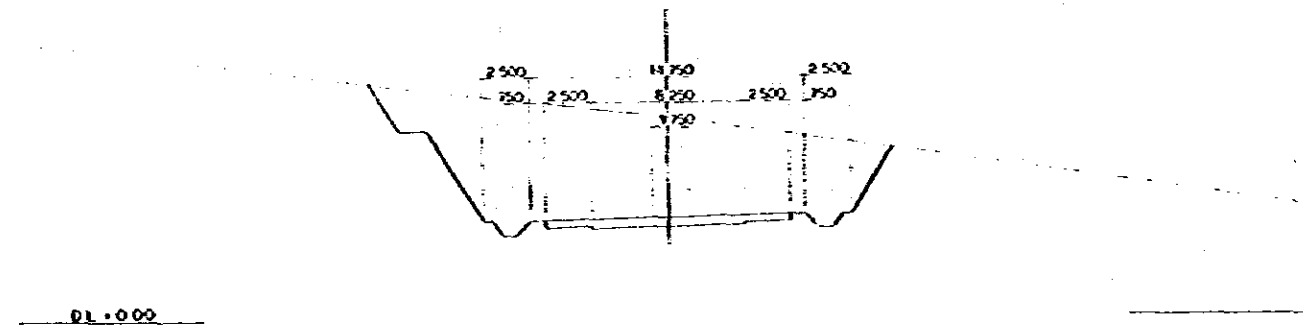
STA 30+800
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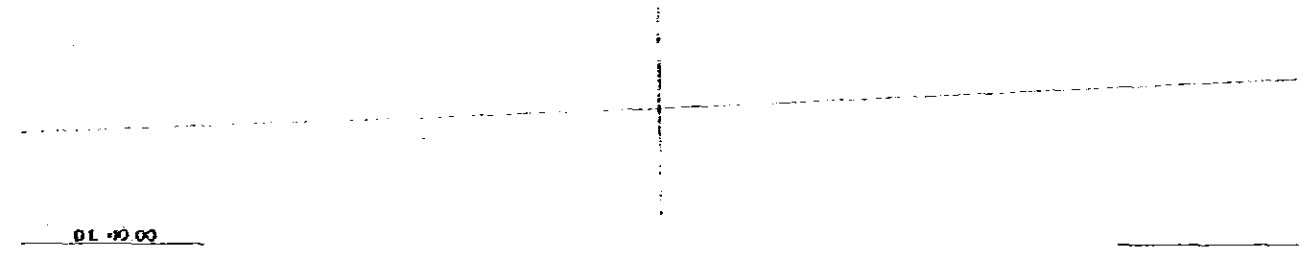
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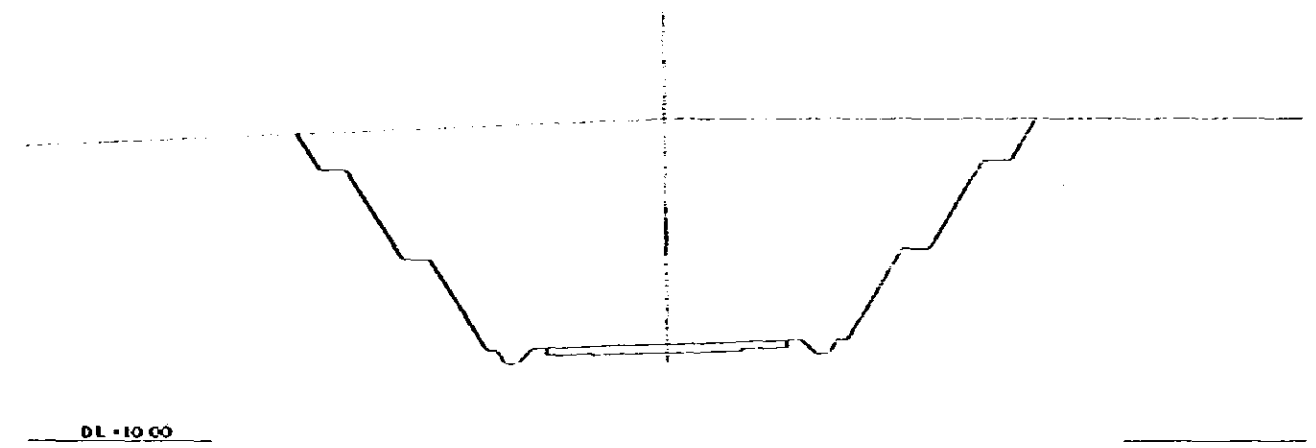
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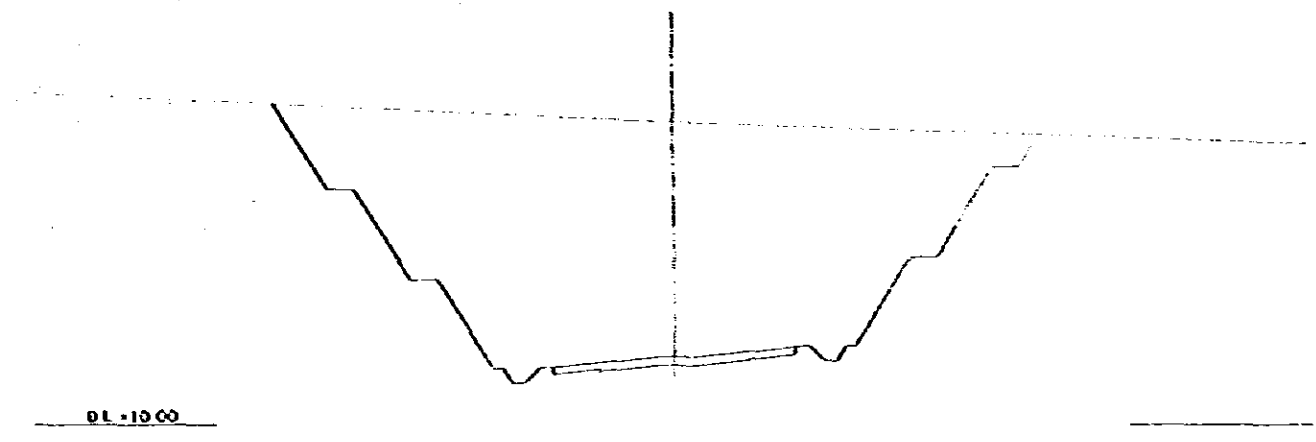
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STA 31+000
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 PH=15.430



STA 30+927.740 (KE 27-2)
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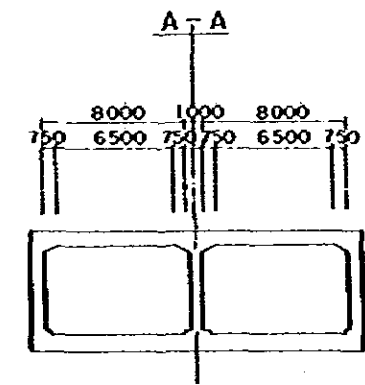
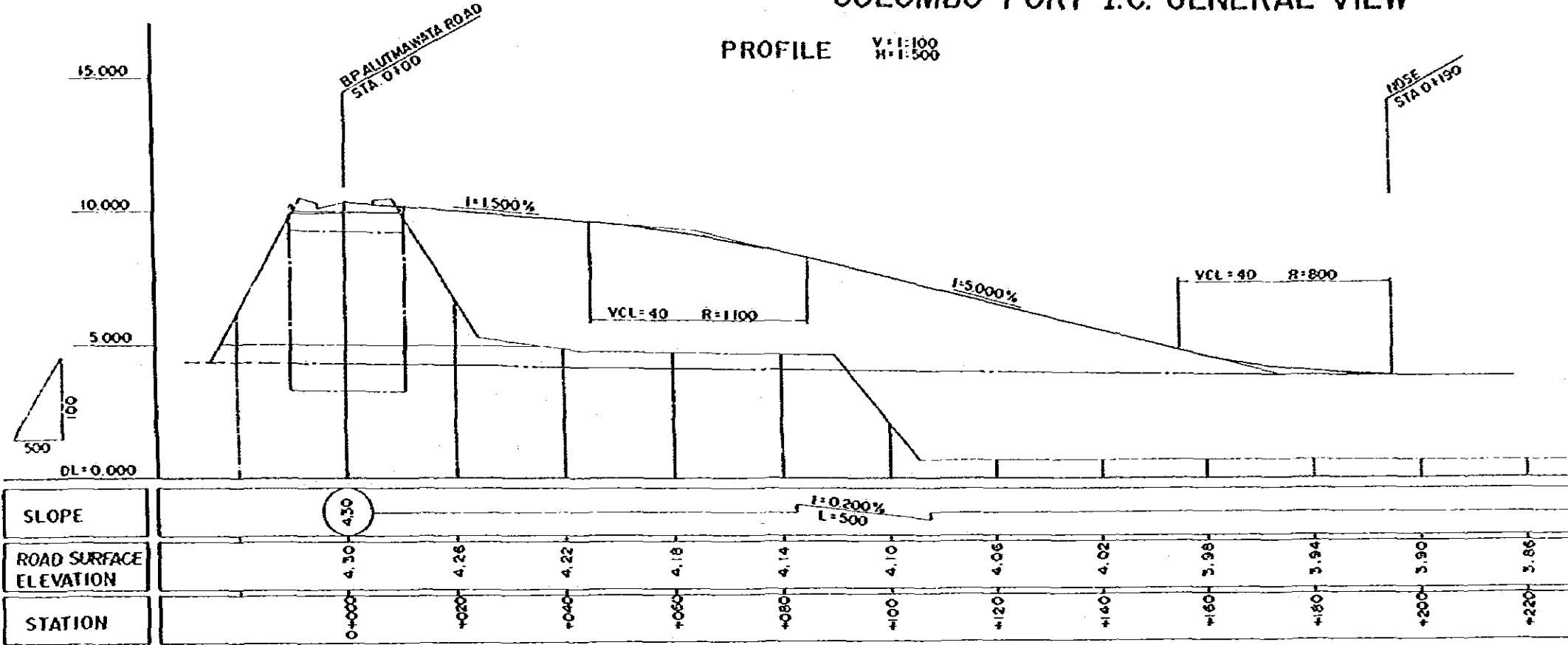


DEMOCRATIC PEOPLE'S REPUBLIC OF LAOS THE FEASIBILITY STUDY ON GOLDEN RAILWAY EXPRESSWAY AND NEW POST ACCESS ROAD CONSTRUCTION PROJECT		TITLE OF DRAWING CROSS SECTION	
GREATER ECONOMIC COMMISSION JAPAN INTERNATIONAL COOPERATION AGENCY		PREPARED CHECKED	APPROVED DATE JANUARY 1984
			DWG. NO. 36

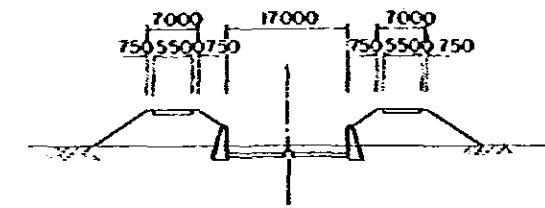
COLOMBO PORT I.C. GENERAL VIEW

PROFILE V:1:100
H:1:500

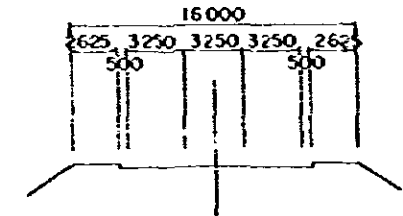
CROSS SECTION SCALE 1:200



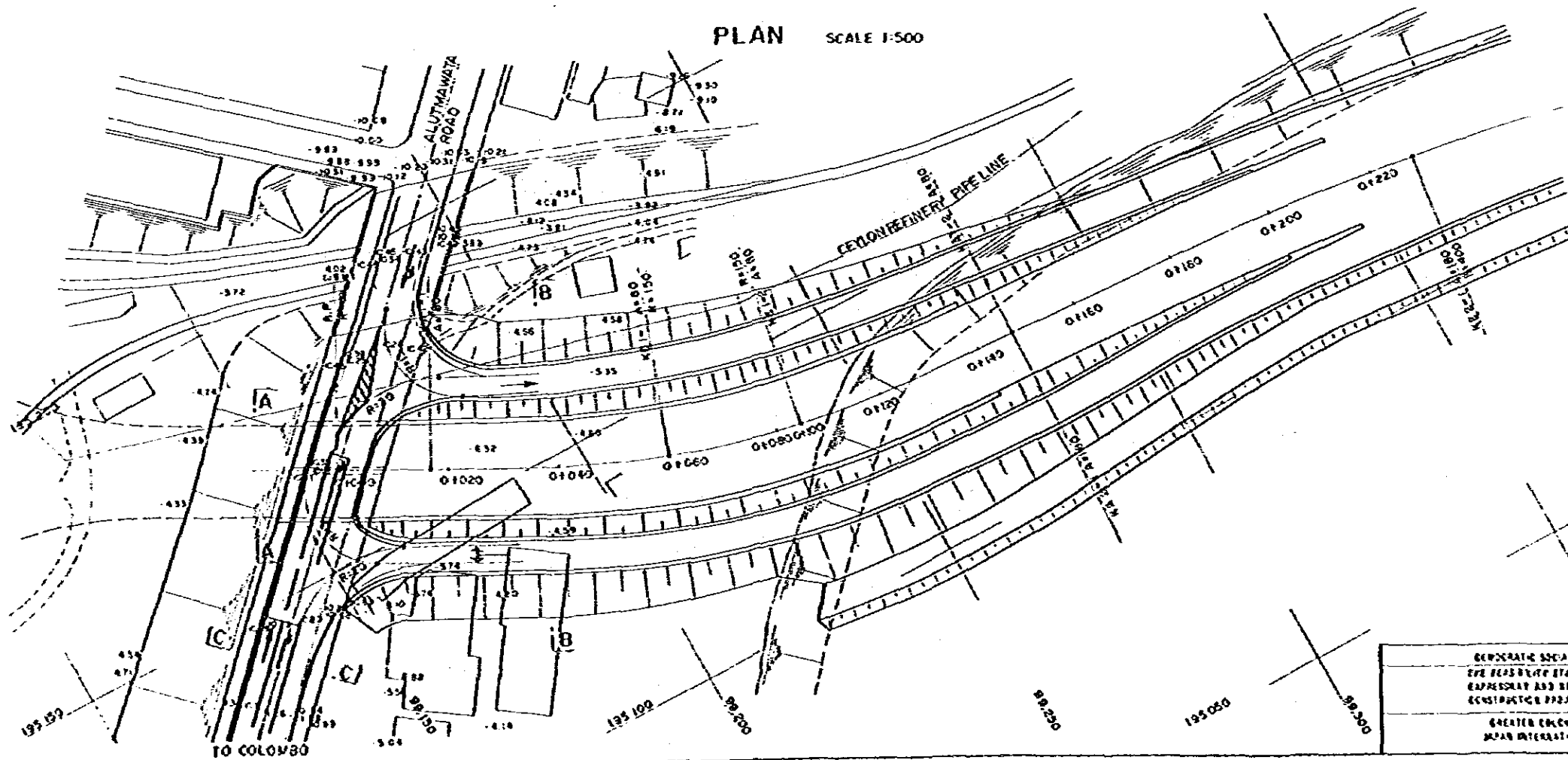
B-B SCALE 1:500



C-C SCALE 1:200
(ALUTAVAYATARI)



PLAN SCALE 1:500



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA		TITLE OF DRAWING	
THE ROAD DEVELOPMENT BOARD COLMBO		COLOMBO PORT I.C. GENERAL VIEW	
EXPRESSWAY AND NEW PORT ACCESS ROAD CONSTRUCTION PROJECT		PREPARED	
GREATER ECONOMIC COMMISSION		APPROVED	
JAPAN INTERNATIONAL COOPERATION AGENCY		DATE JANUARY 1988	
		PAGE NO.	
		37	