

HIGHWAY NO.18 IMPROVEMENT

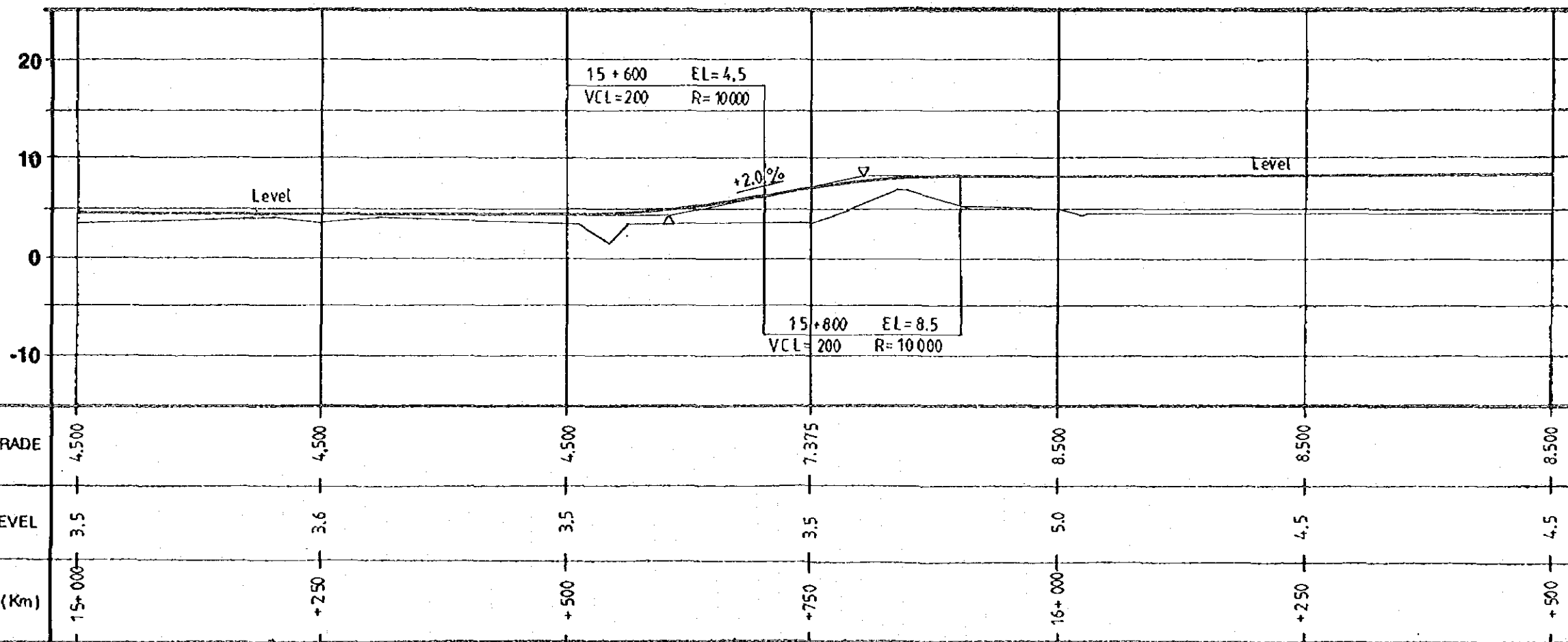
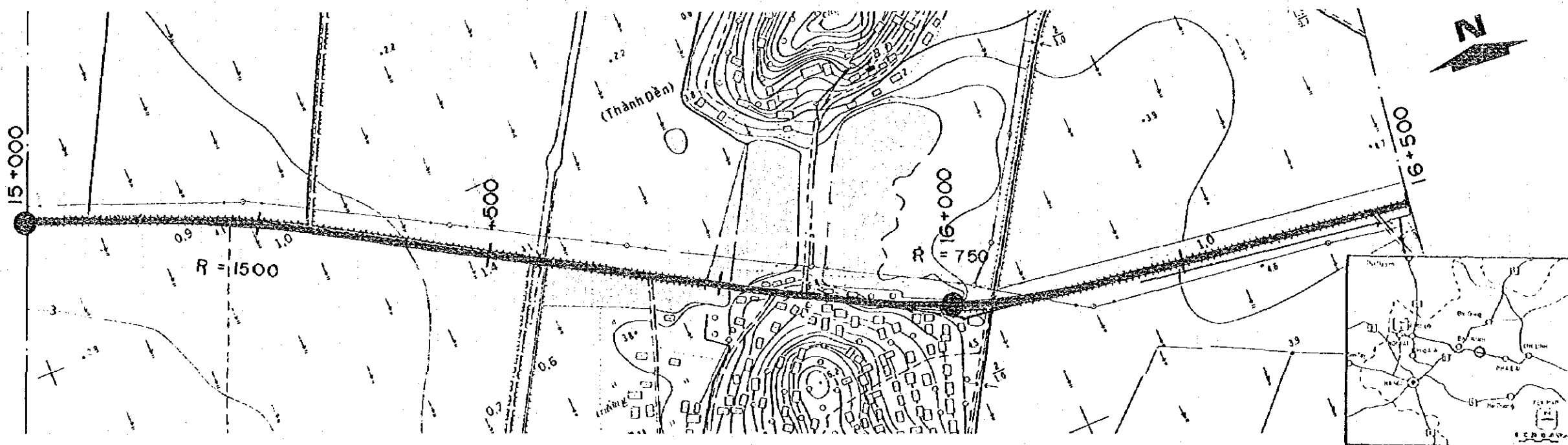
PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (12)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.

44



HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (13)

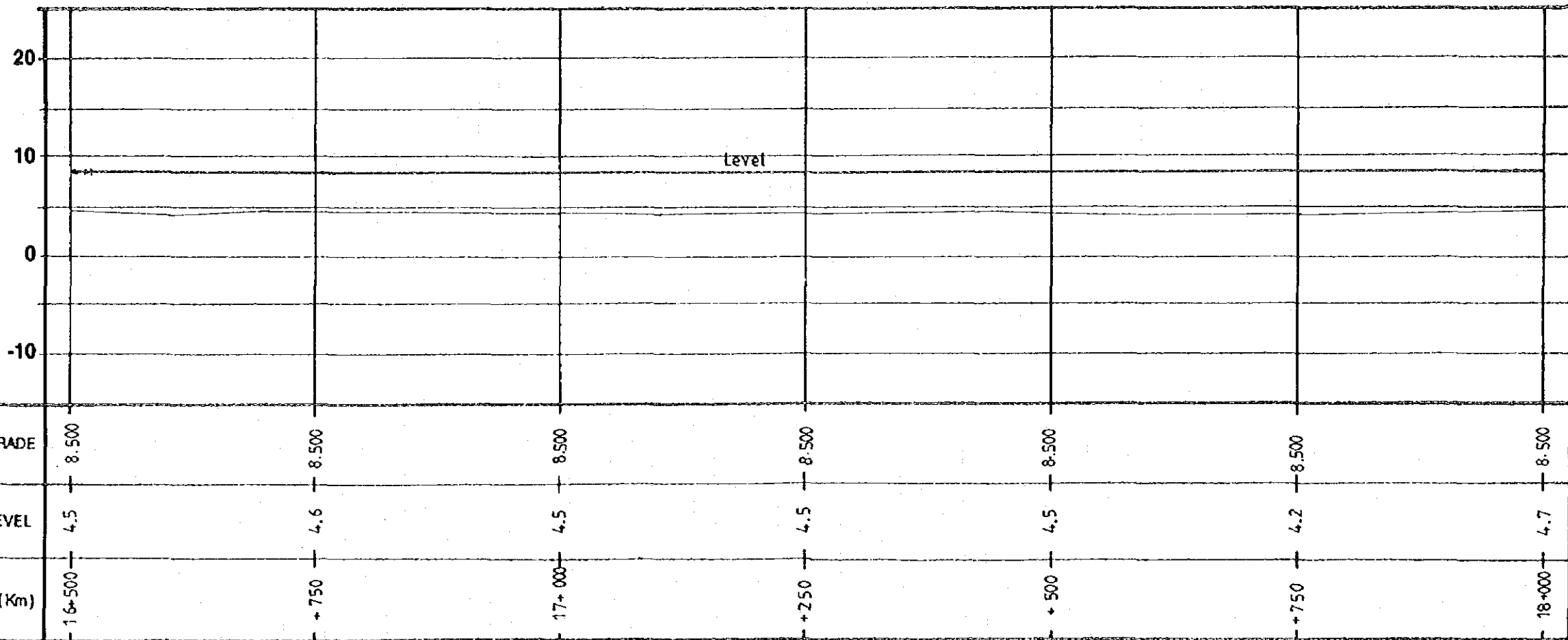
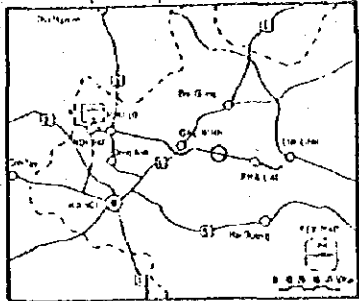
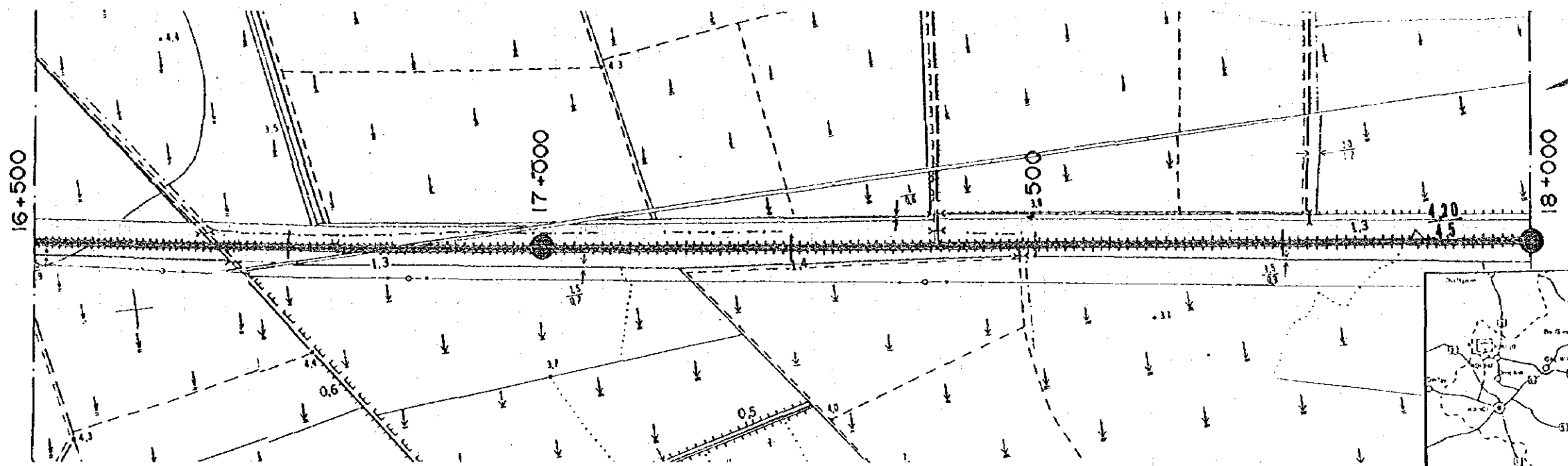
SCALE

HORIZONTAL 1:5000

VERTICAL 1:500

SHEET NO.

45



HIGHWAY NO.18 IMPROVEMENT

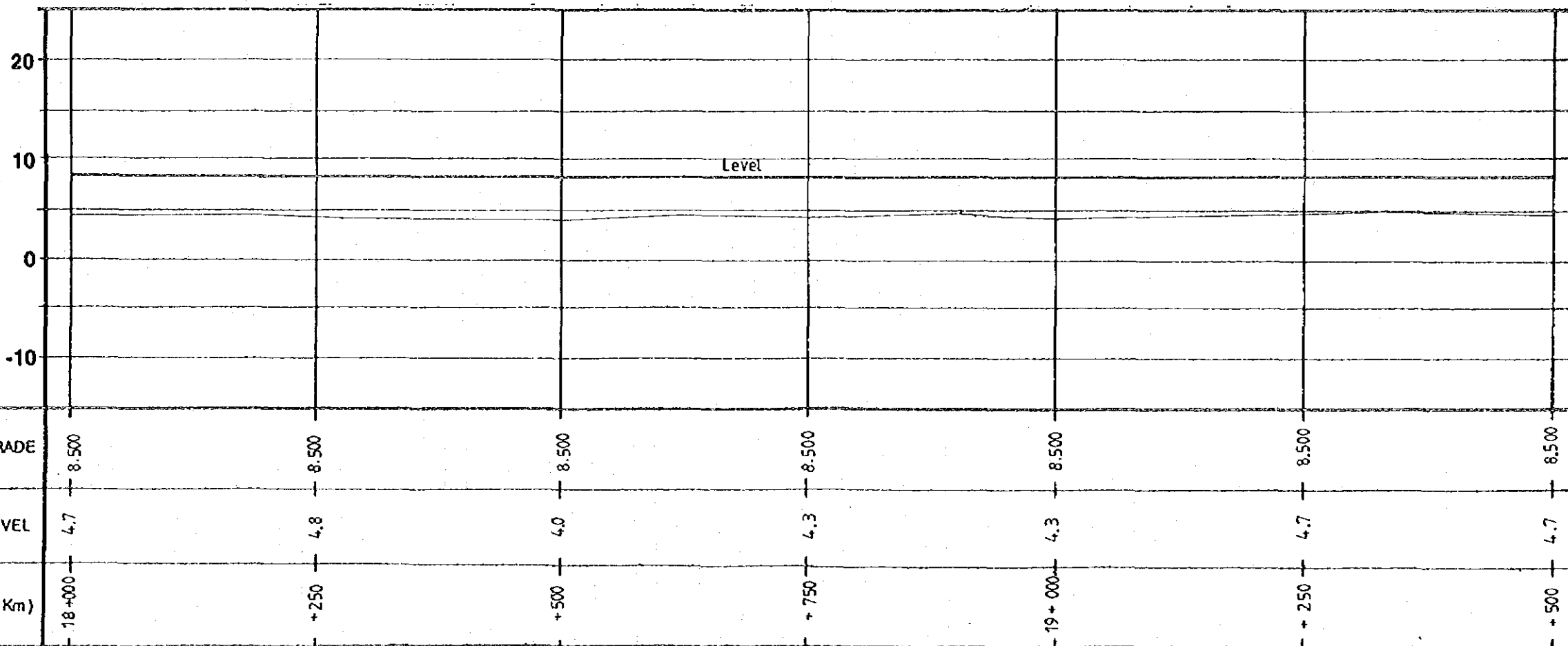
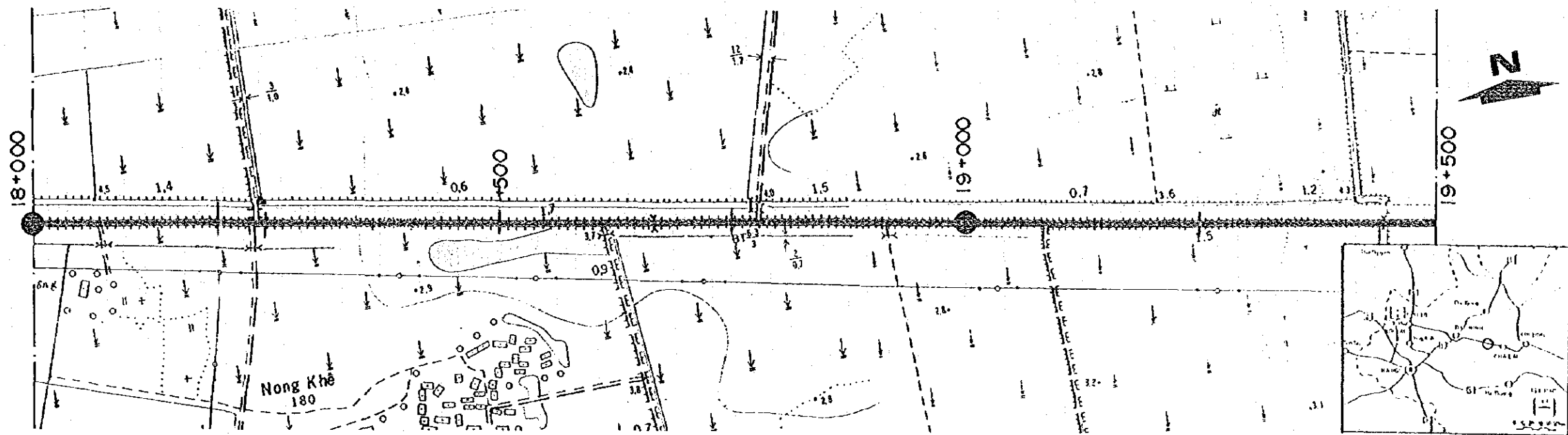
PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (14)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.

46



HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (15)

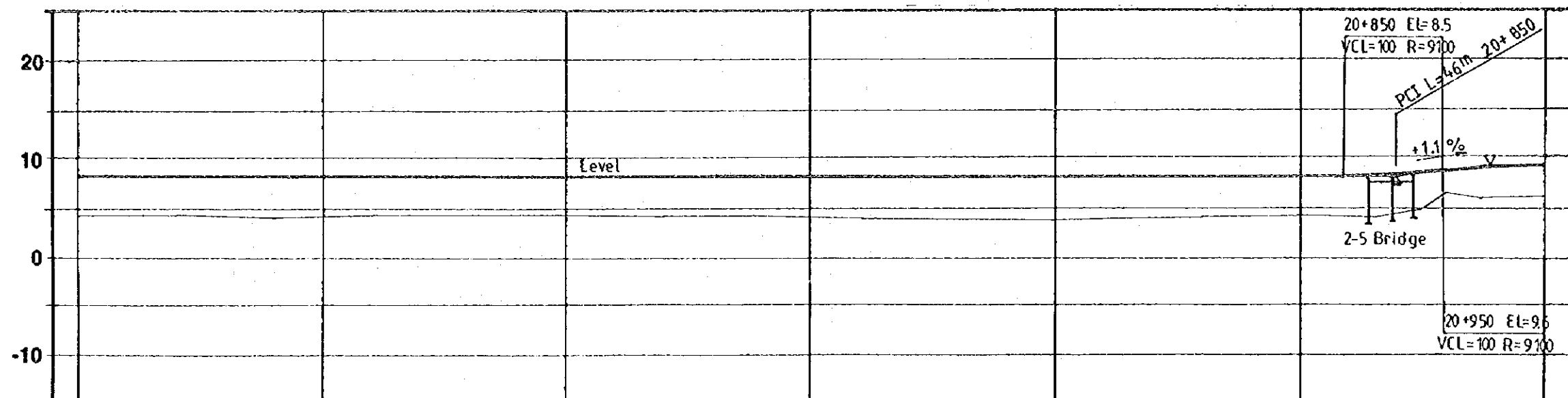
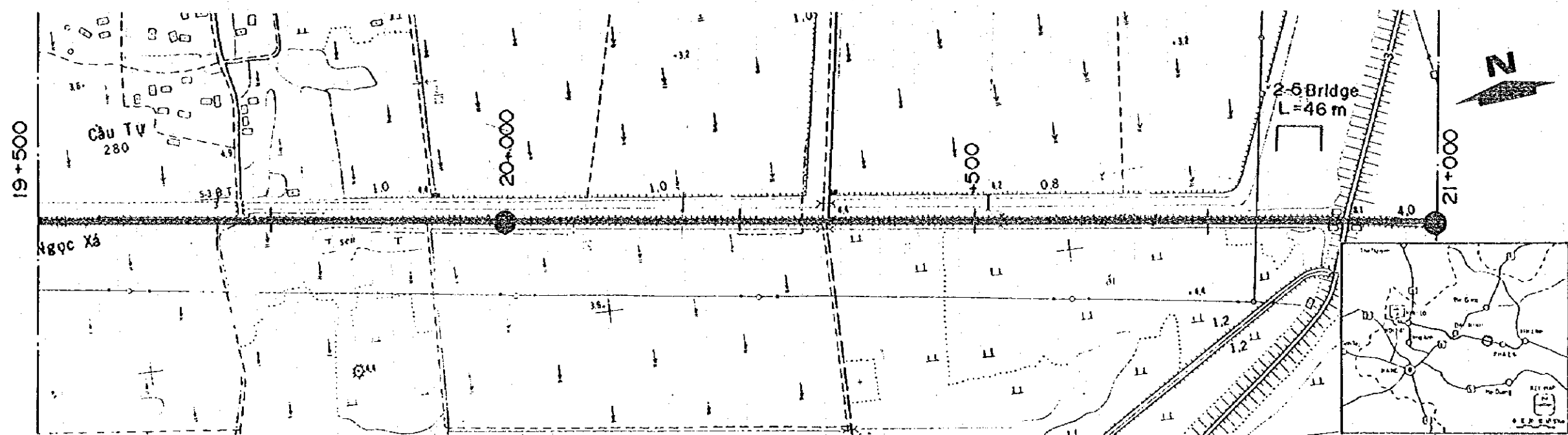
SCALE

HORIZONTAL 1:5000

VERTICAL 1:500

SHEET NO.

47



FINISHED GRADE	19+500	19+750	20+000	20+250	20+500	20+750	21+000
	8.500	8.500	8.500	8.500	8.500	8.500	9.600
GROUND LEVEL	4.7	4.2	4.2	4.0	3.7	4.2	6.2
STATION (Km)	19+500	19+750	20+000	20+250	20+500	20+750	21+000

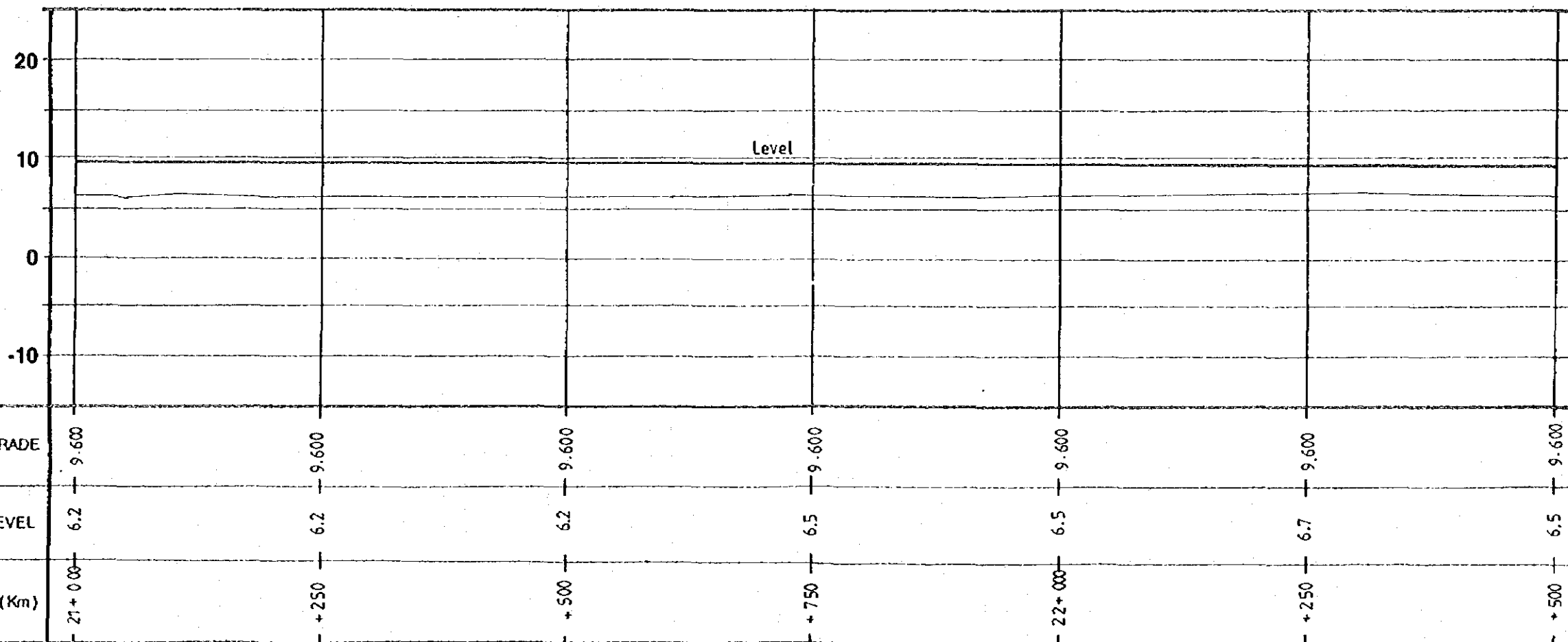
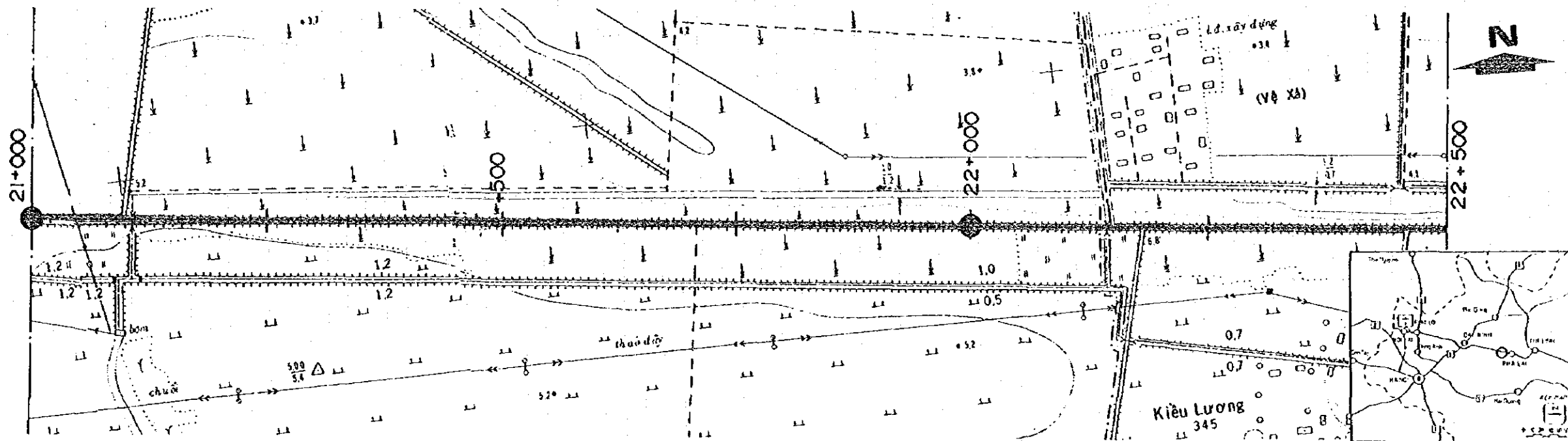
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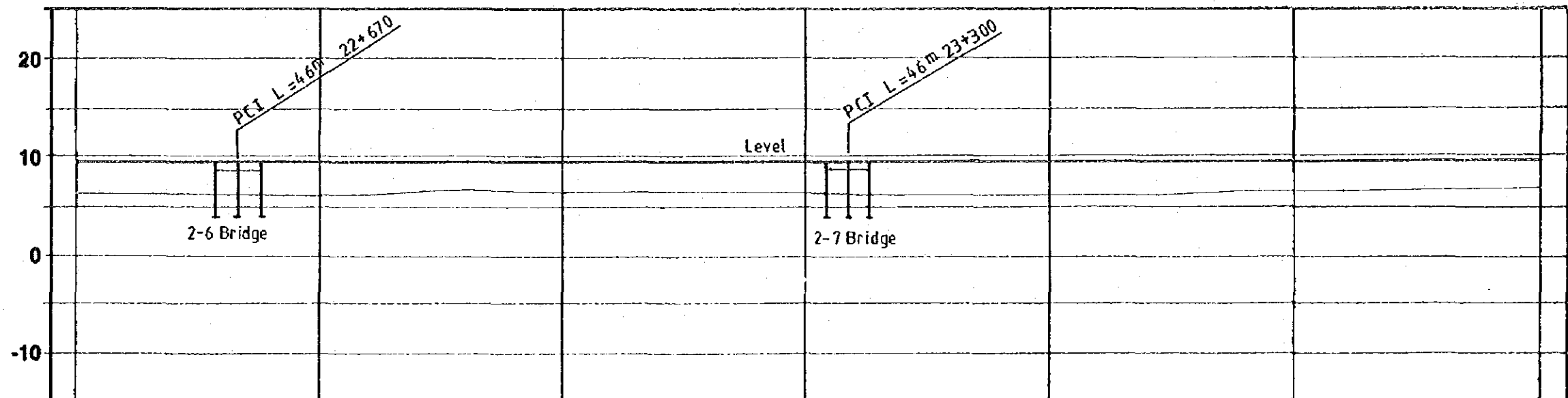
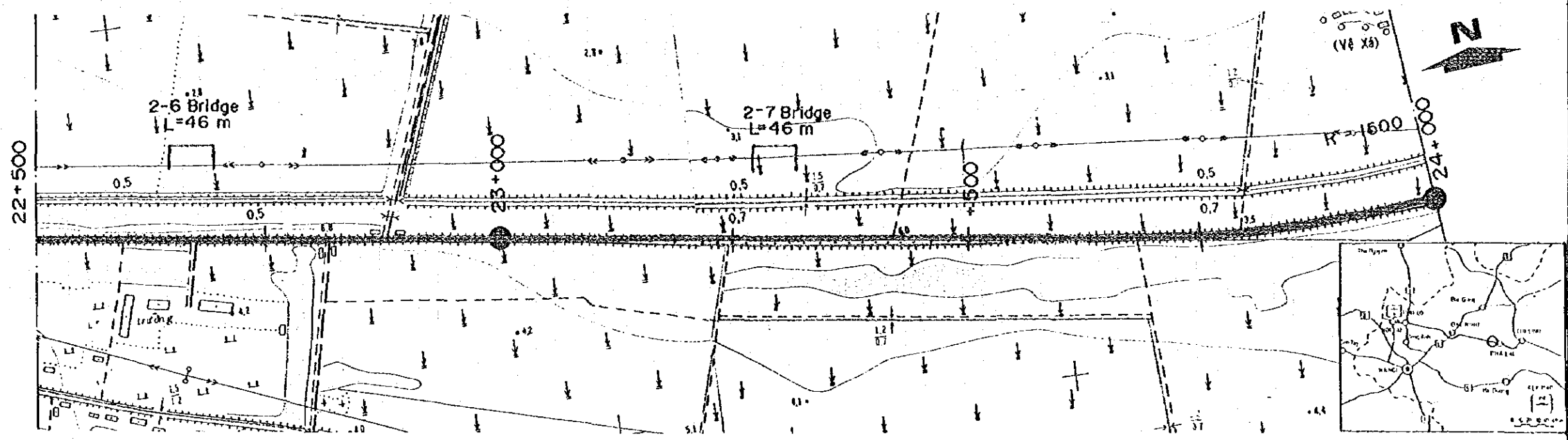
PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (16)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
48





FINISHED GRADE	22+500	22+750	23+000	23+250	23+500	23+750	24+000
	9.500	9.600	9.600	9.600	9.600	9.600	9.600
GROUND LEVEL	22+500	22+750	23+000	23+250	23+500	23+750	24+000
	6.5	6.5	6.5	6.5	6.0	6.5	7.0
STATION (Km)	22+500	22+750	23+000	23+250	23+500	23+750	24+000

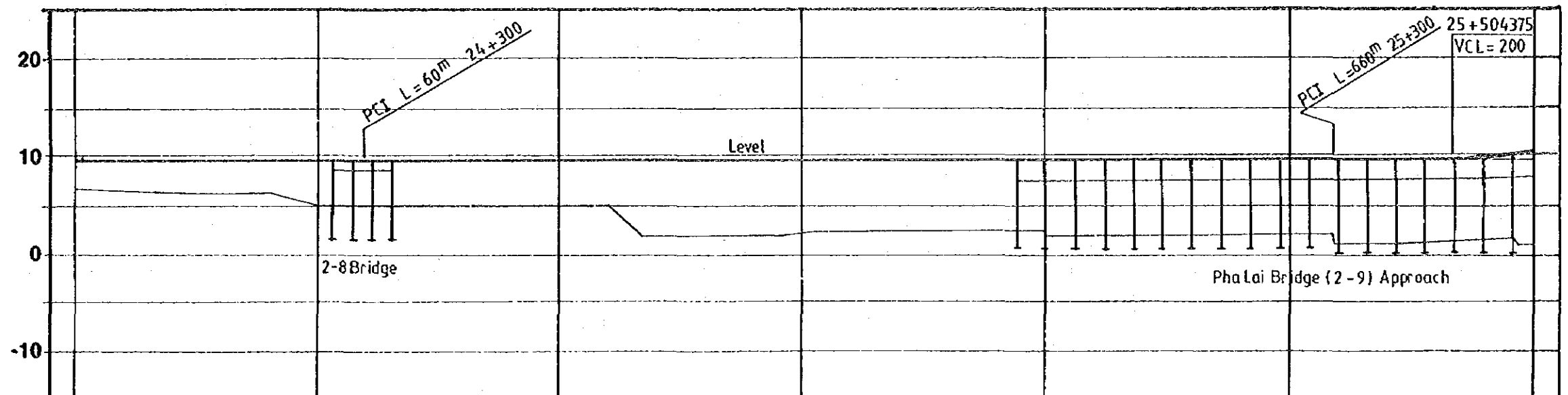
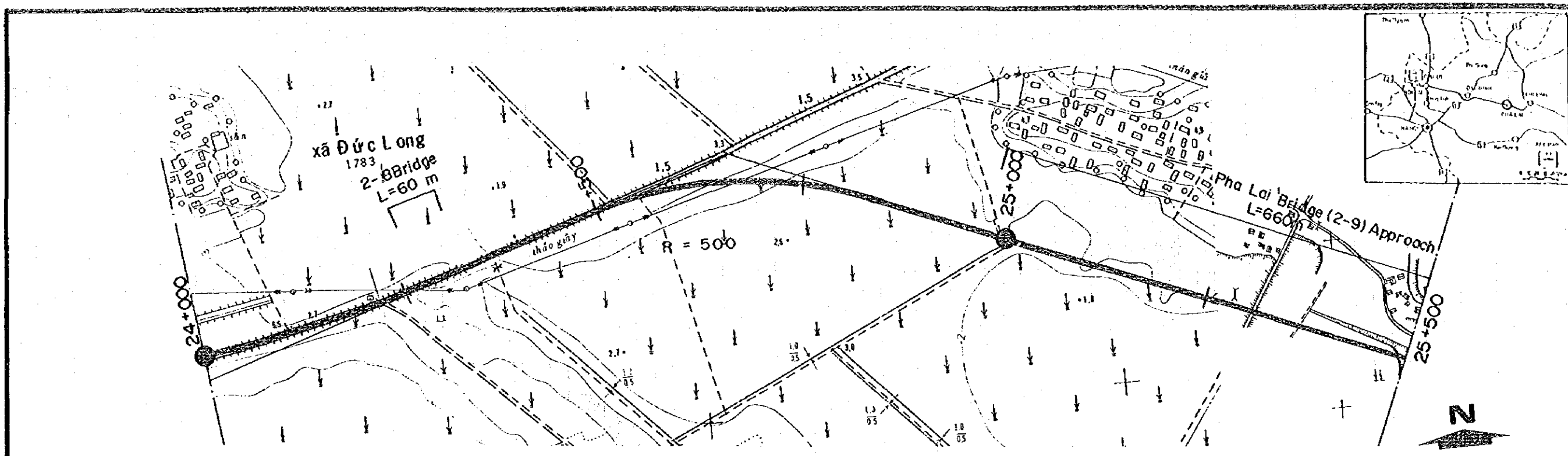
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (18)

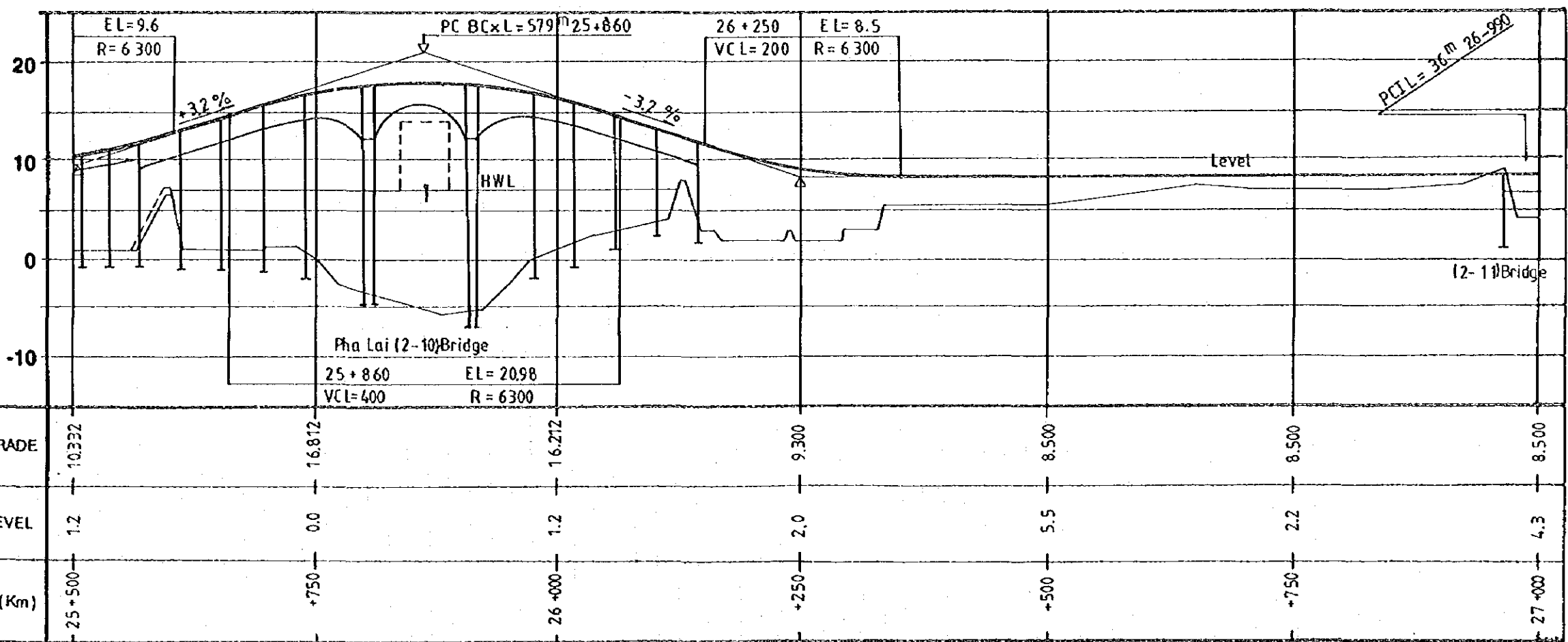
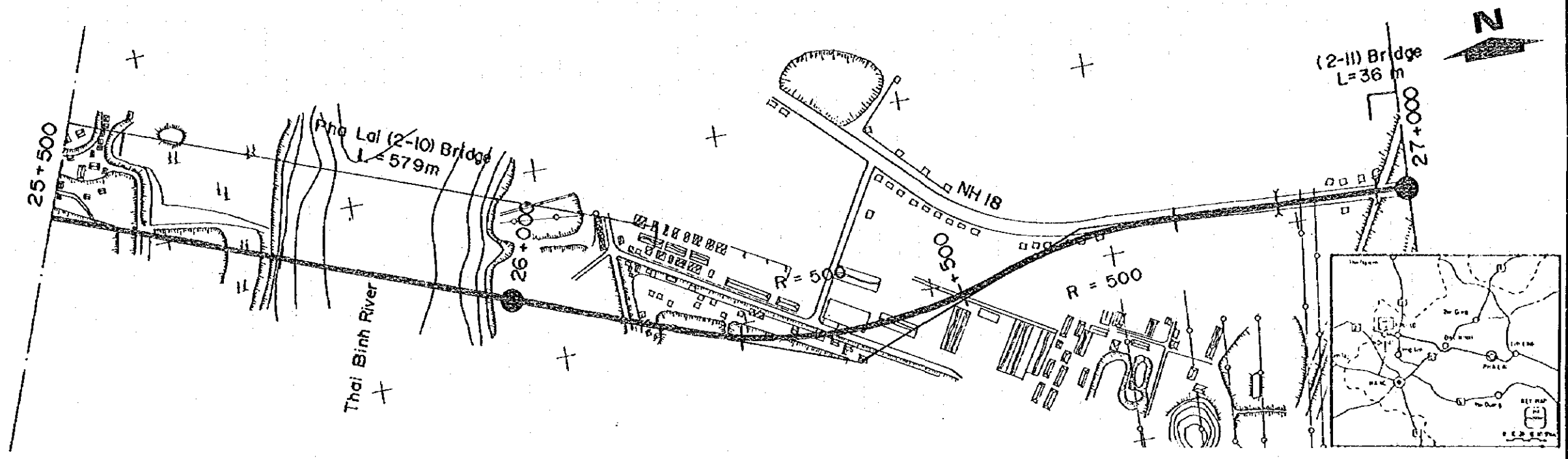
SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
50



FINISHED GRADE	24+000 — 9.600	24+250 — 9.600	24+500 — 9.600	24+750 — 9.600	25+000 — 9.600	25+250 — 9.600	25+500 — 10.332
GROUND LEVEL	7.0	5.1	5.0	2.5	2.2	2.2	12
STATION (Km)	24+000	+250	+500	+750	25+000	+250	+500

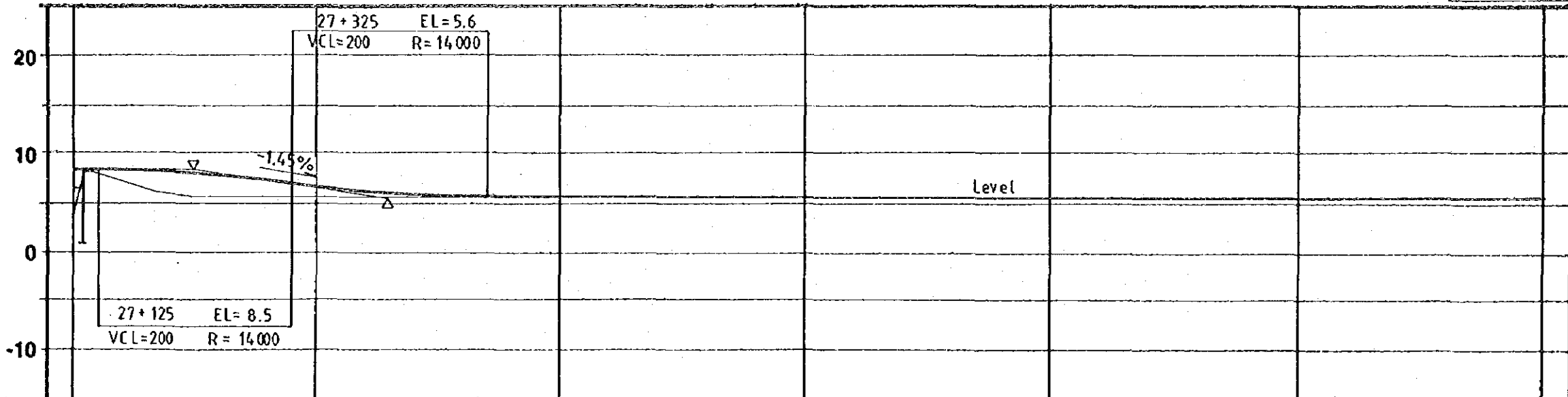
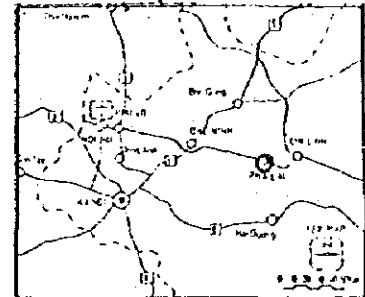
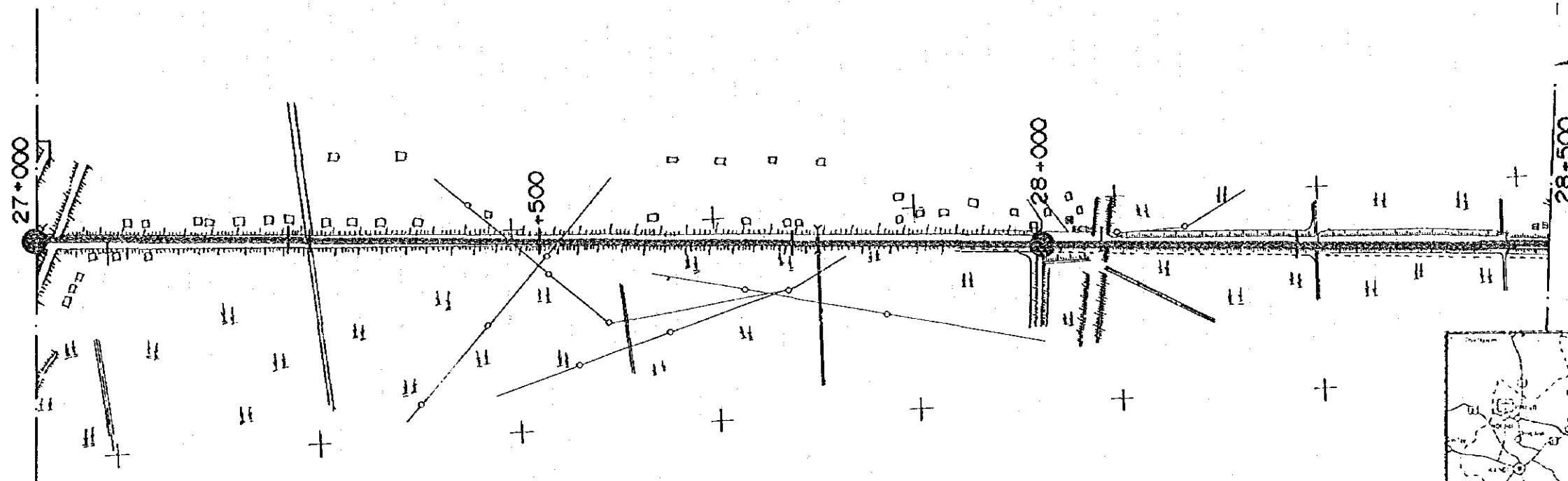


HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (20)

SCALE HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO. 52



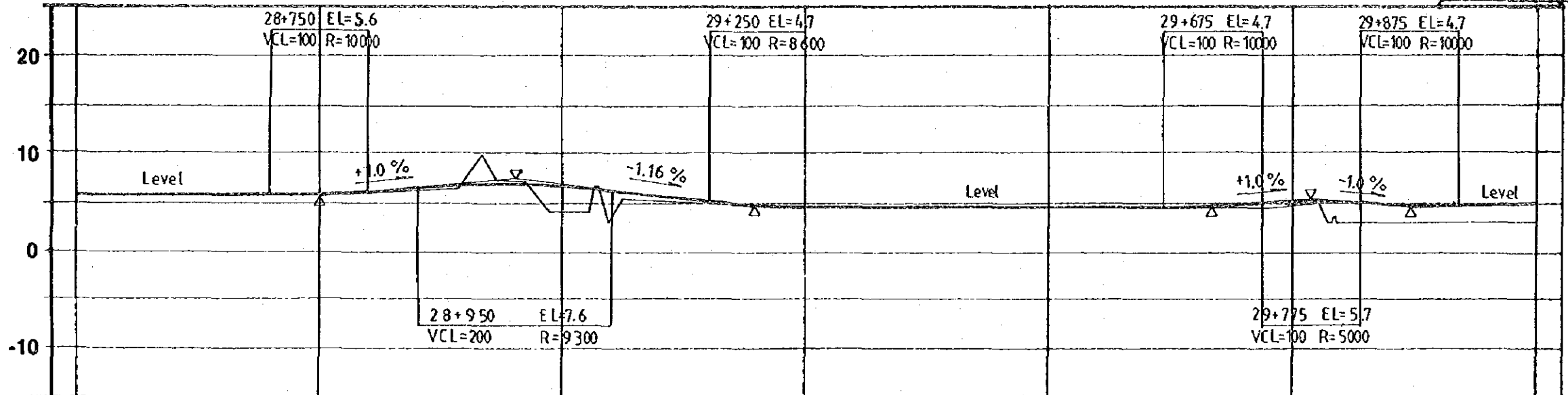
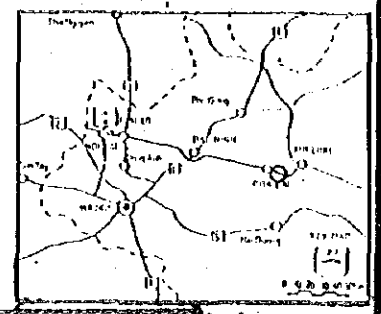
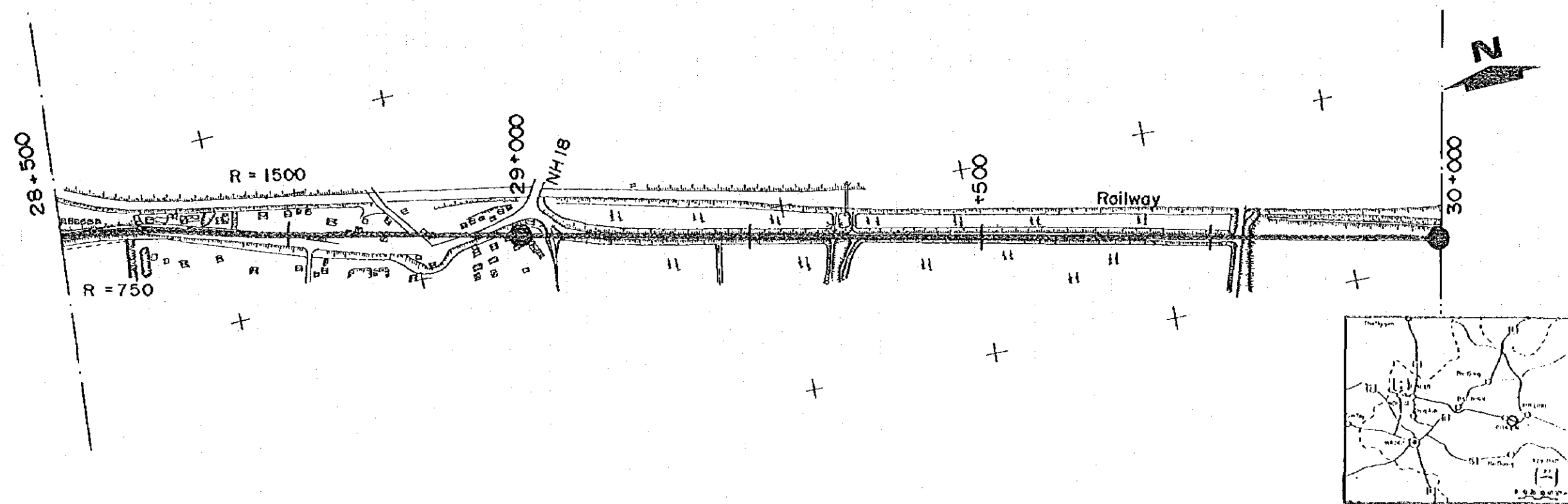
FINISHED GRADE	8.50	6.710	5.600	5.600	5.600	5.600	5.600
GROUND LEVEL	4.3	5.7	5.7	5.7	5.7	5.7	5.7
STATION (Km)	27+00	+250	+500	+750	28+000	+250	+500

HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (21)

SCALE
HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
53



FINISHED GRADE	5.600	5.725	6.885	4.700	4.700	5.388	4.700
GROUND LEVEL	5.7	5.8	4.3	4.8	4.8	4.9	3.3
STATION (Km)	28+500	28+750	29+000	29+250	29+500	29+750	30+000

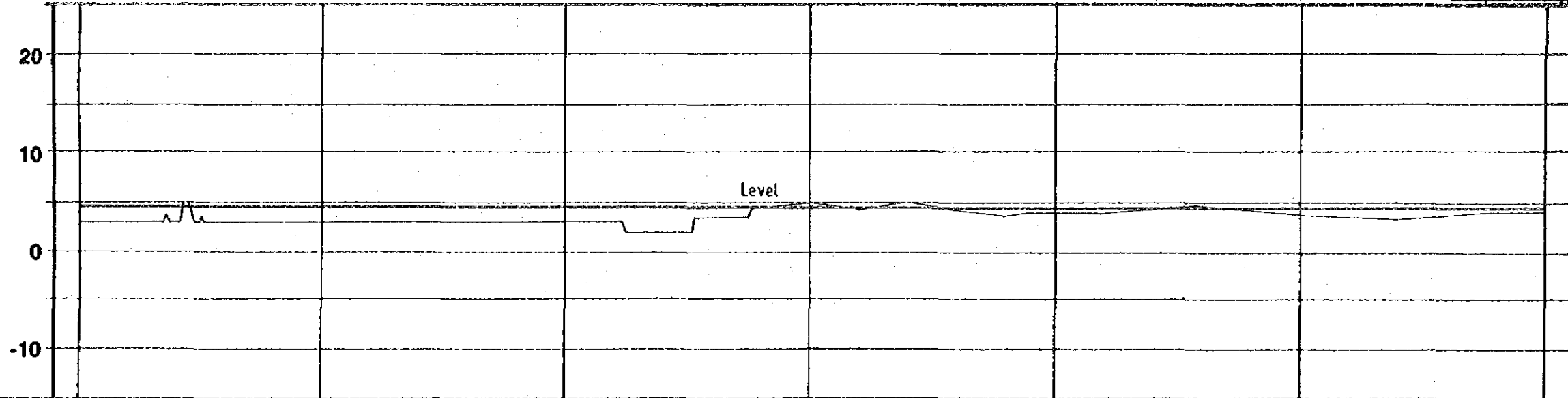
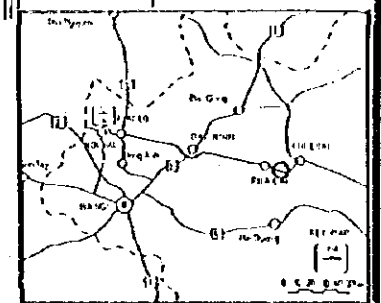
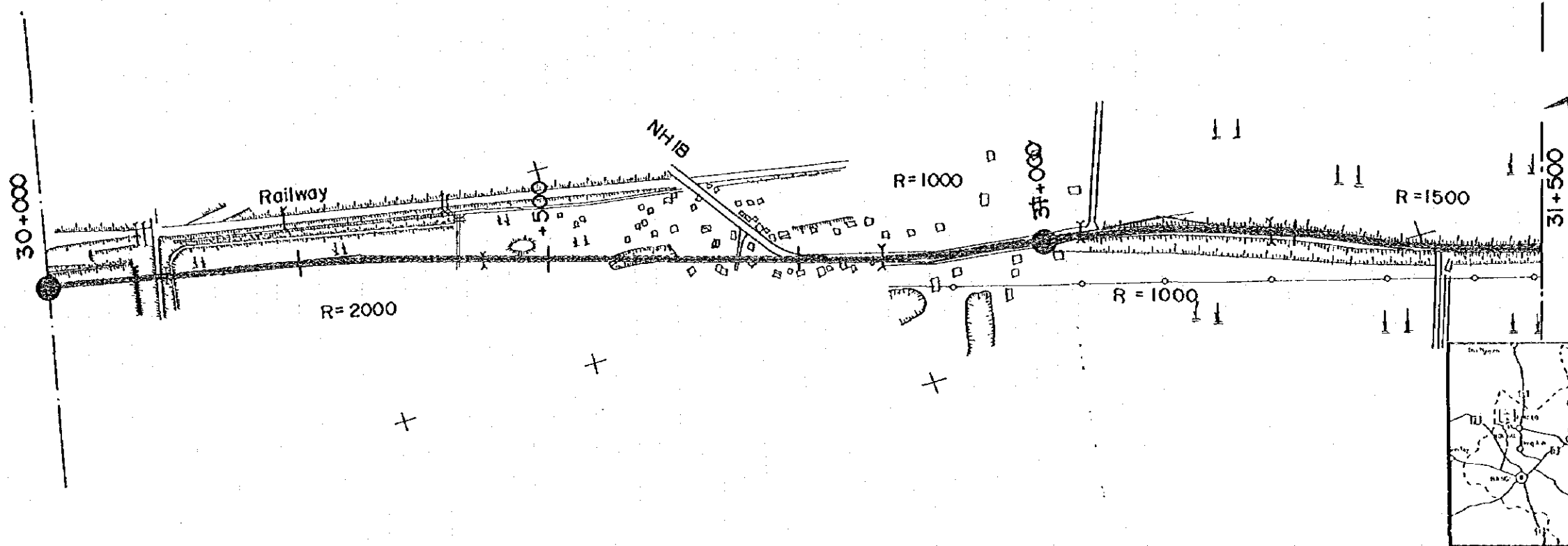
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (22)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
54



FINISHED GRADE	30+000	30+250	30+500	30+750	31+000	31+250	31+500
	4.700	4.700	4.700	4.700	4.700	4.700	4.700
GROUND LEVEL	3.3	3.3	3.2	5.0	4.0	3.8	4.2
STATION (Km)	30+000	+ 250	+ 500	+ 750	31+000	+ 250	+ 500

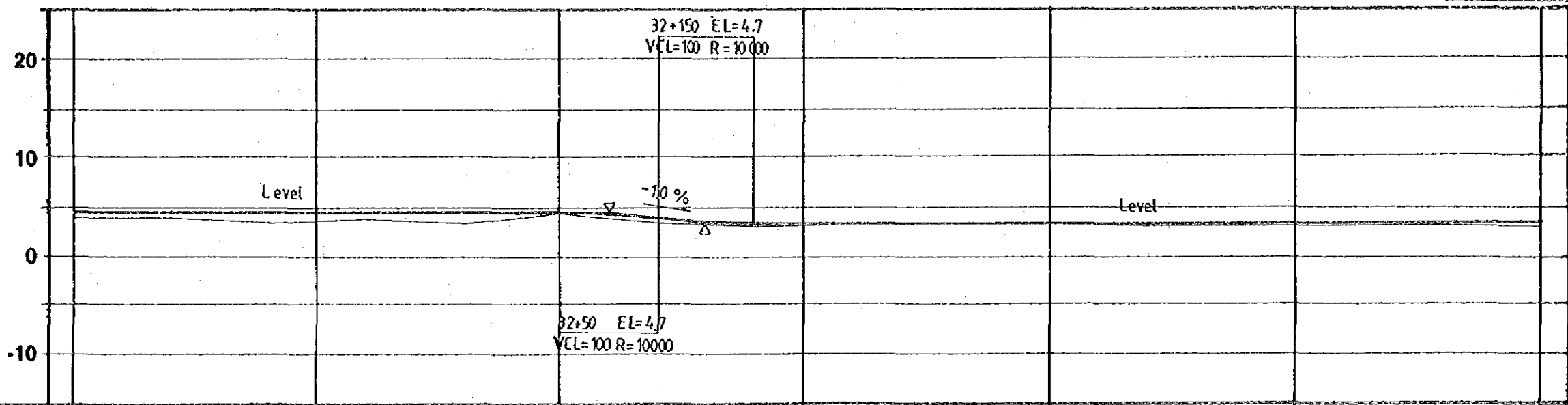
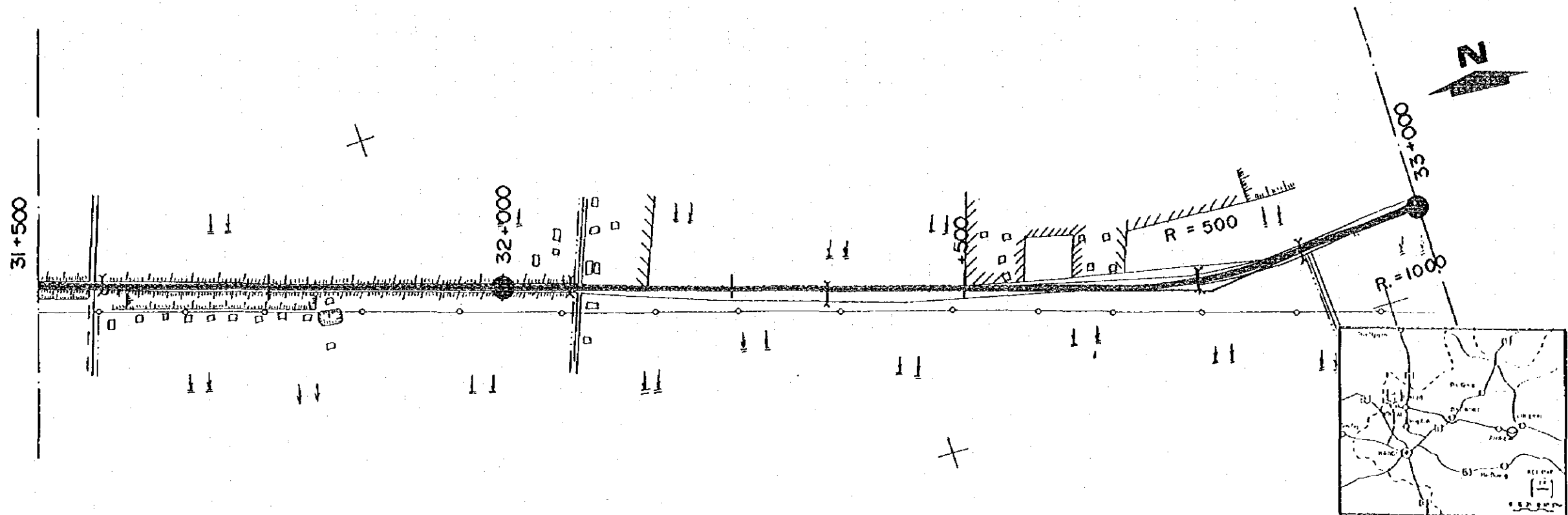
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (23)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
55



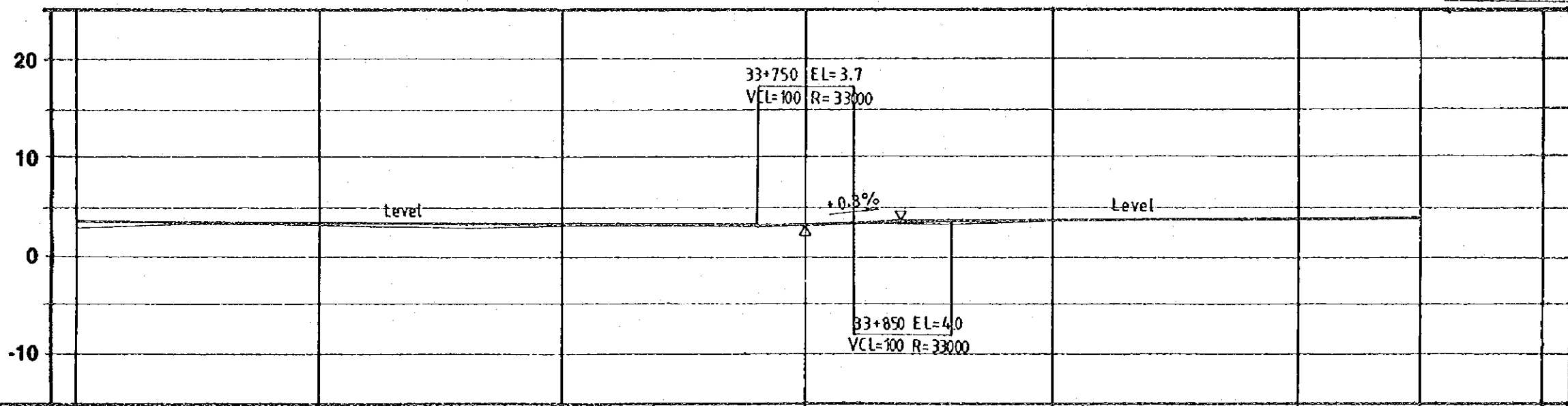
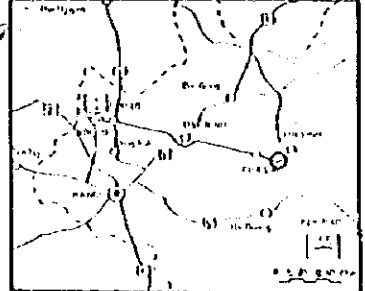
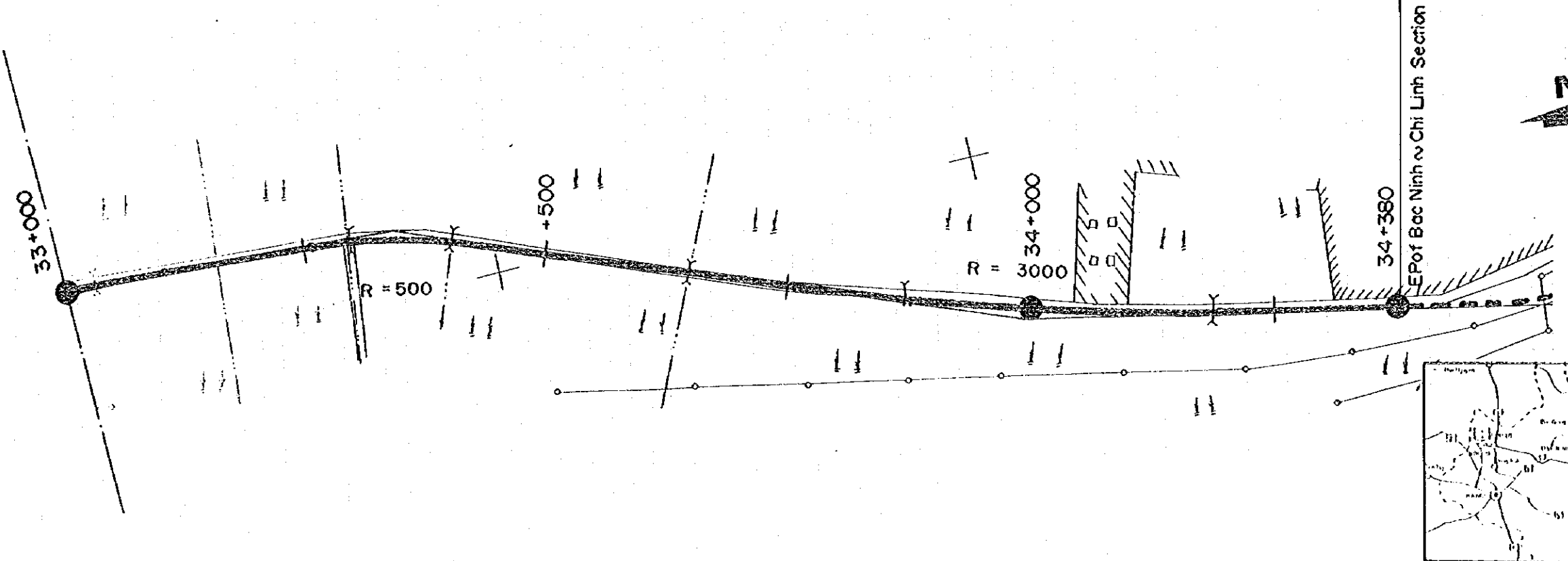
STATION (Km)	31+500	+750	32+000	+250	+500	+750	33+000
FINISHED GRADE	4.700	4.700	4.700	3.700	3.700	3.700	3.700
GROUND LEVEL	4.2	3.5	4.5	3.2	3.5	3.0	3.0

HIGHWAY NO.18 IMPROVEMENT

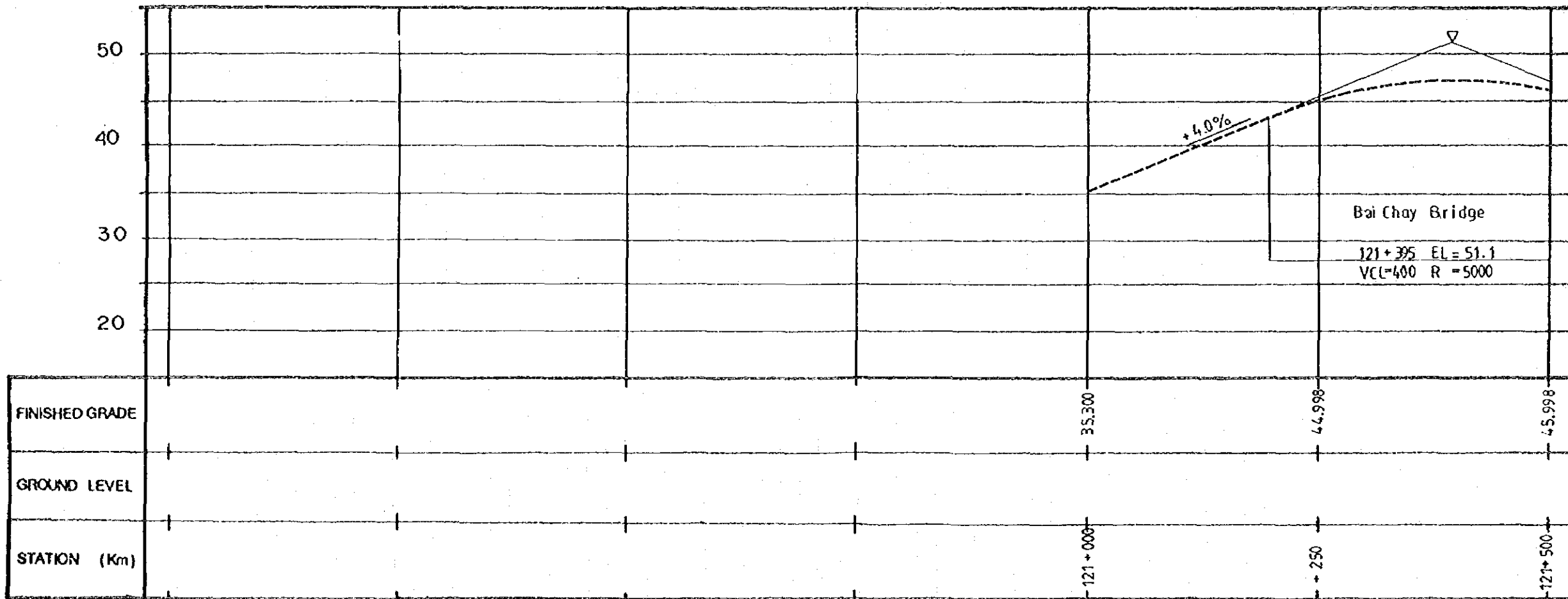
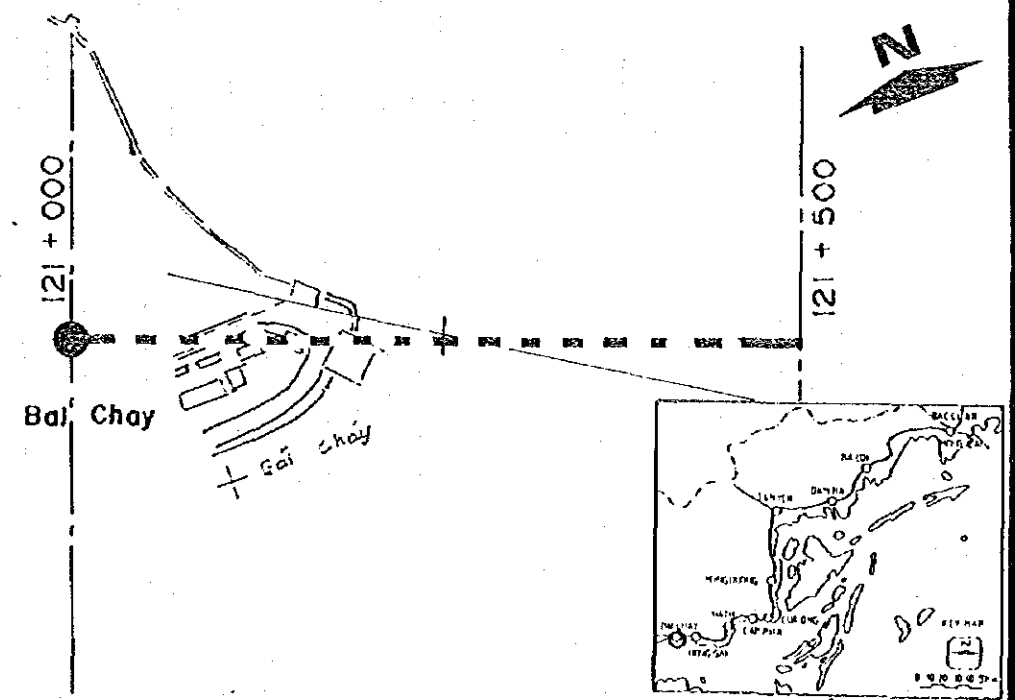
PLAN AND PROFILE OF BAC NINH - CHI LINH SECTION (24)

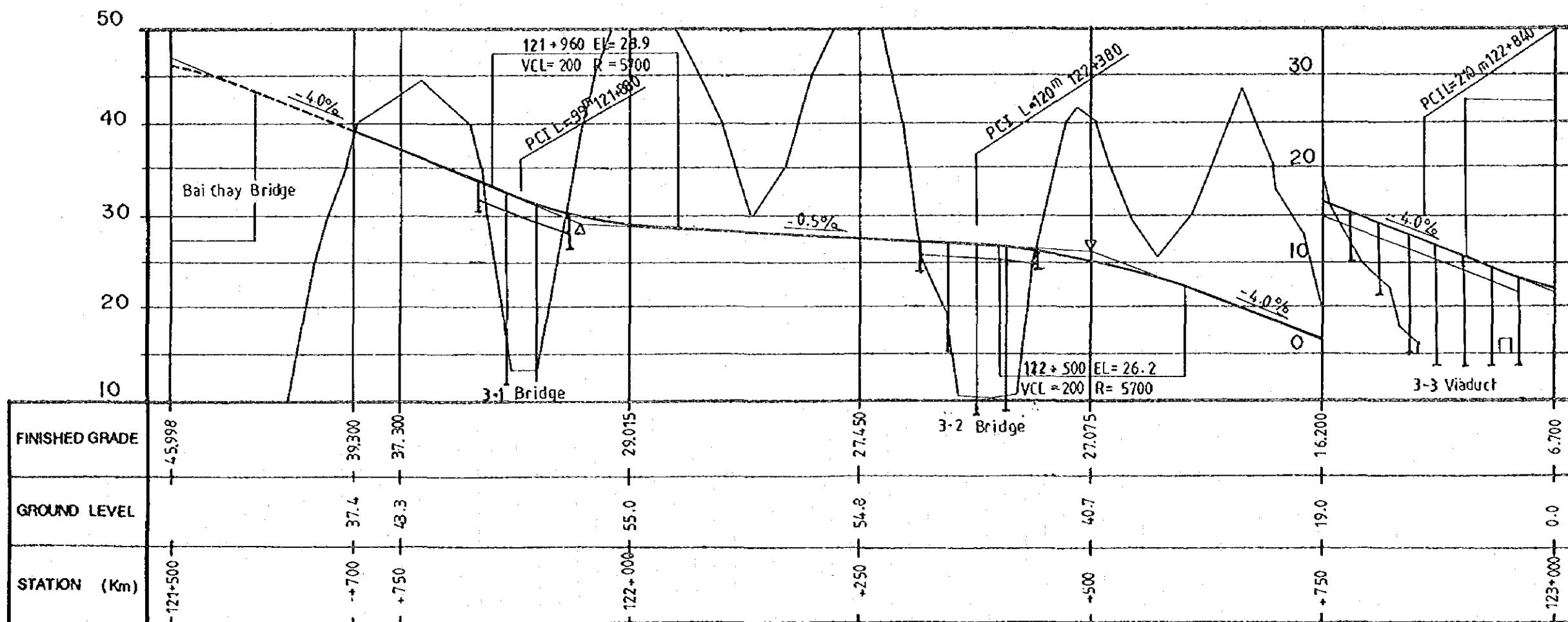
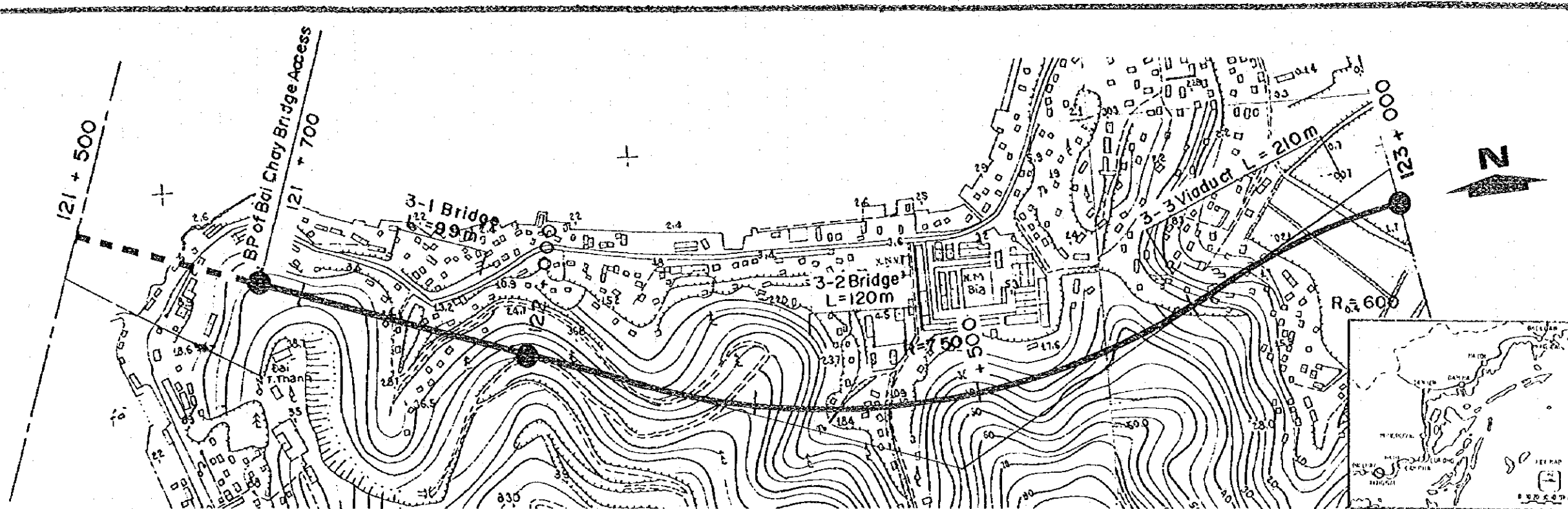
SCALE HORIZONTAL 1:5000
VERTICAL 1:500

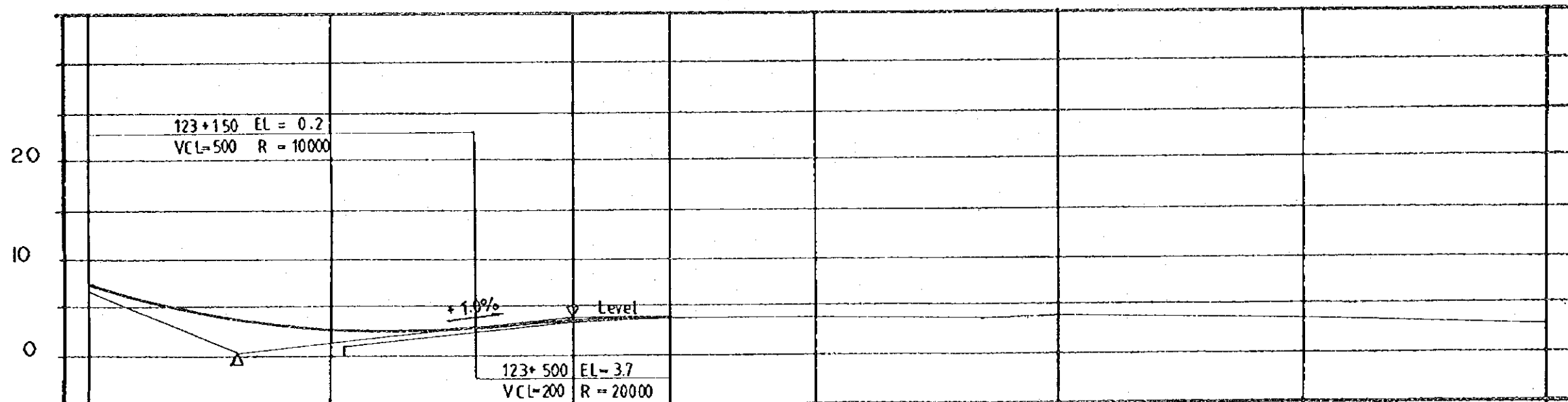
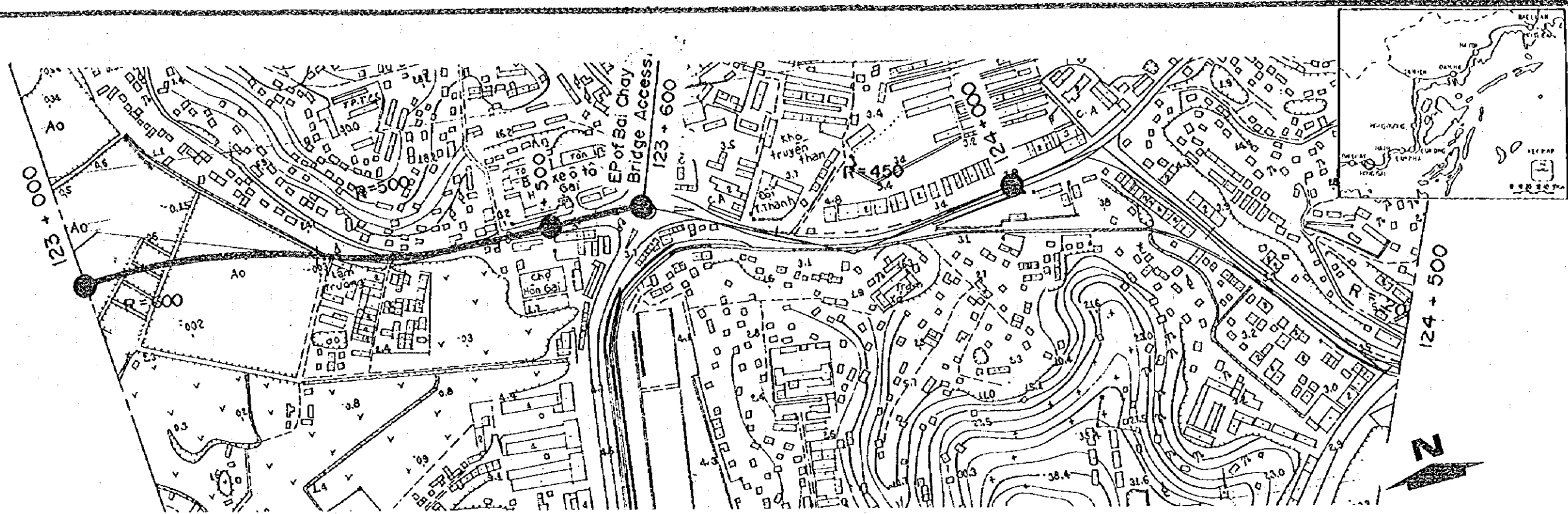
SHEET NO. 56



FINISHED GRADE	33+000 — 3.700	+ 250 — 3.700	+ 500 — 3.700	+ 750 — 3.738	34+000 — 4.000	+ 250 — 4.000	+ 380 — 4.000
GROUND LEVEL	3.0	3.2	3.2	3.3	3.5	3.8	4.0
STATION (Km)	33+000	+ 250	+ 500	+ 750	34+000	+ 250	+ 380







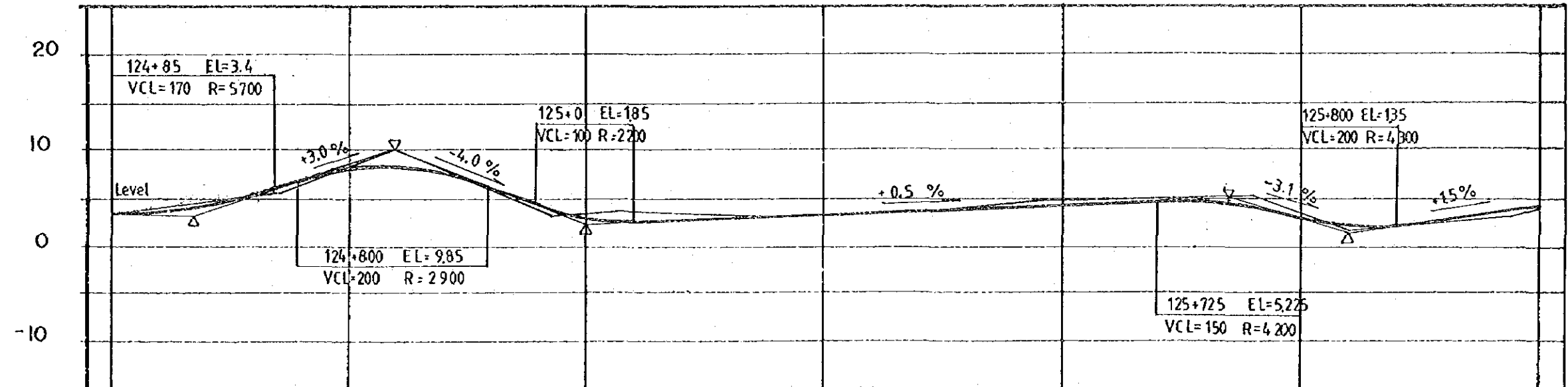
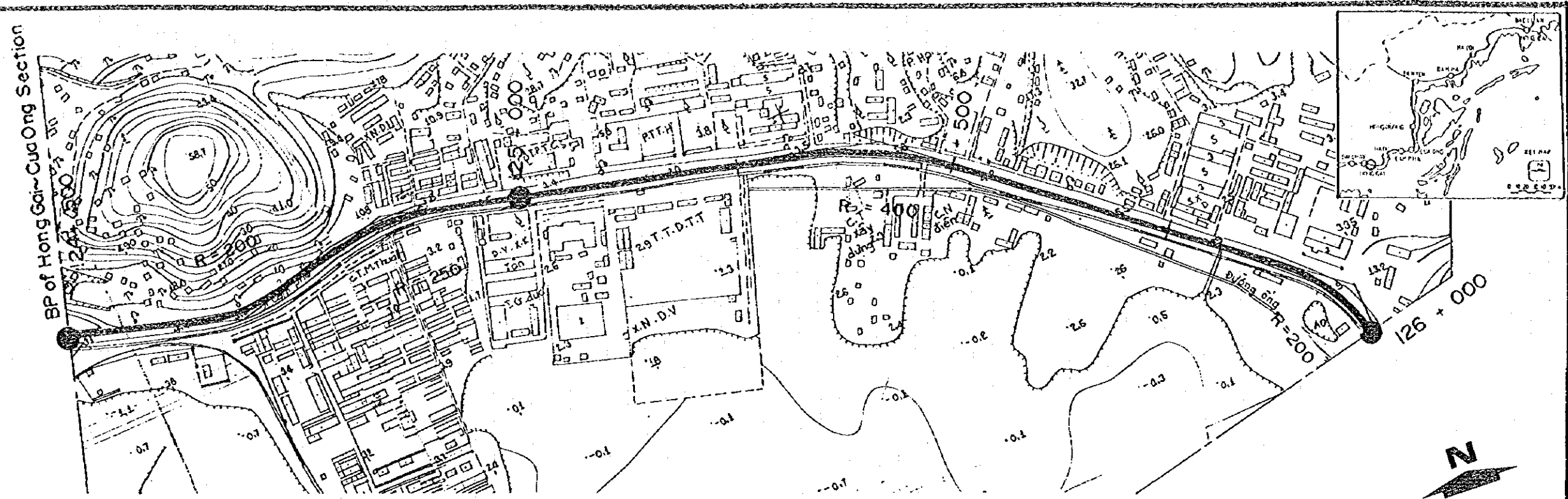
FINISHED GRADE	123+000	123+250	123+500	123+600	123+750	124+000	124+250	124+500
	6.700	2.325	3.450	3.700				
GROUND LEVEL	0.0	0.0	3.0	3.7	3.7	3.7	3.5	3.4
STATION (Km)	123+000	+ 250	+ 500	+ 600	+ 750	124+000	+ 250	+ 500

HIGHWAY NO.18 IMPROVEMENT

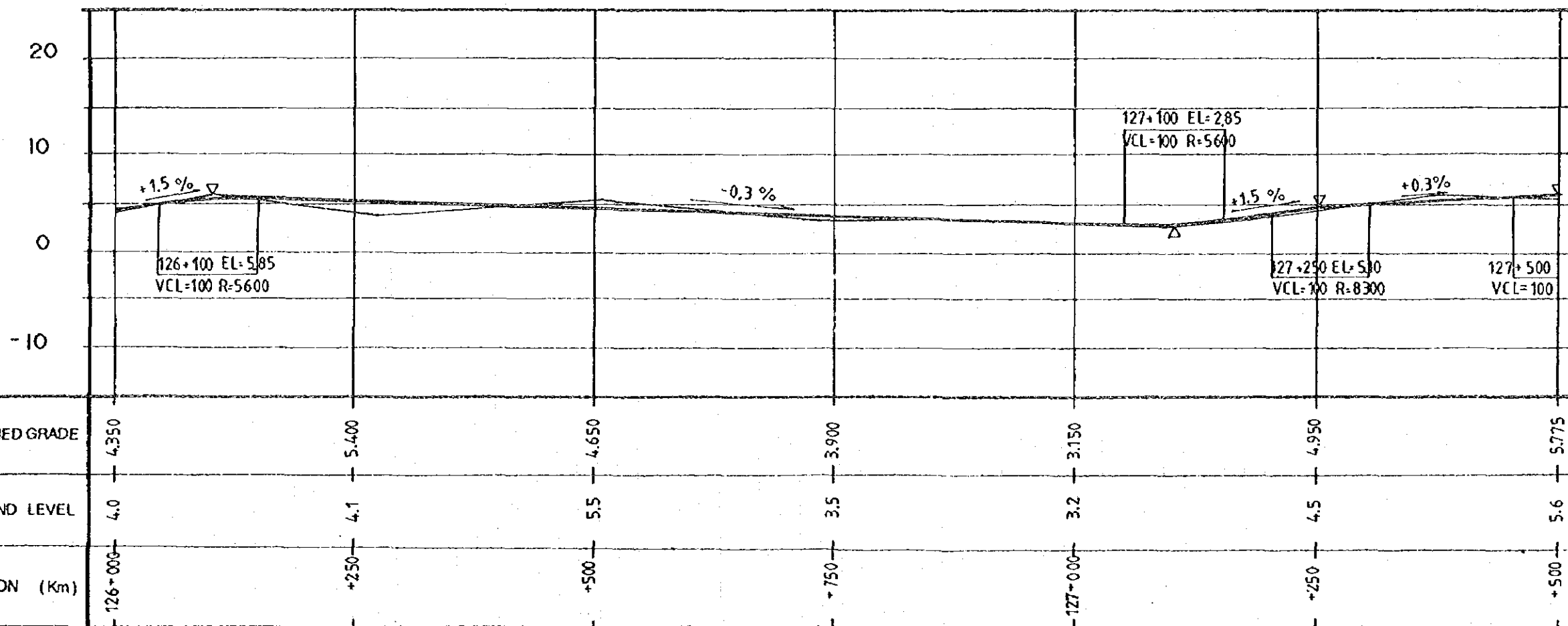
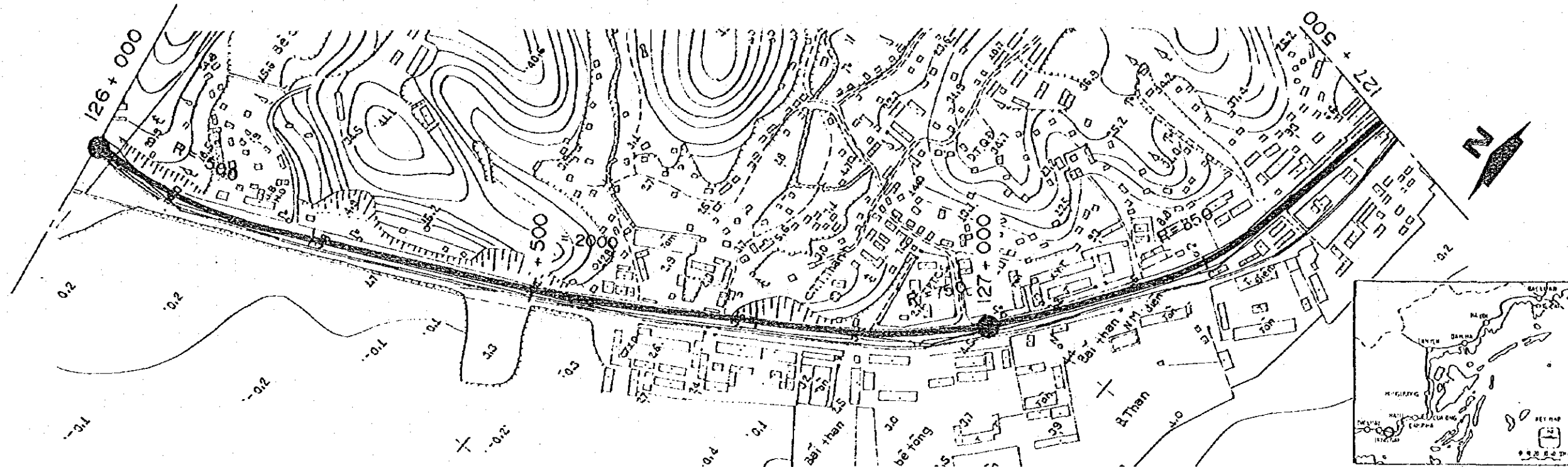
PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (3)

SCALE
HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
60



FINISHED GRADE	3.400	7.913	24.13	3.100	4.350	2.900	4.350
GROUND LEVEL	3.4	8.1	3.5	3.1	4.9	3.5	4.0
STATION (Km)	124+500	+750	125+000	+250	+500	+750	126+000



FINISHED GRADE	4.350	5.400	4.650	3.900	3.150	4.950	5.775
GROUND LEVEL	4.0	4.1	5.5	3.5	3.2	4.5	5.6
STATION (Km)	126+000	+250	+500	+750	127+000	+250	+500

HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (5)

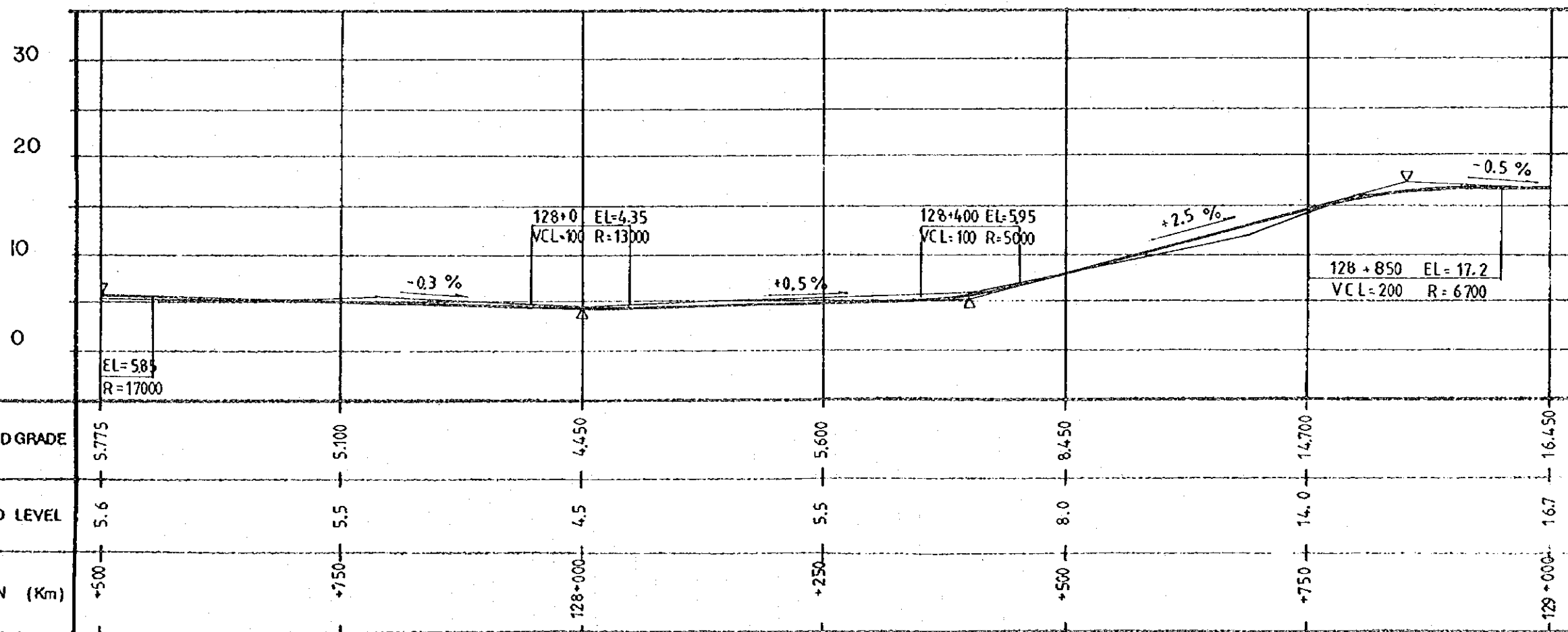
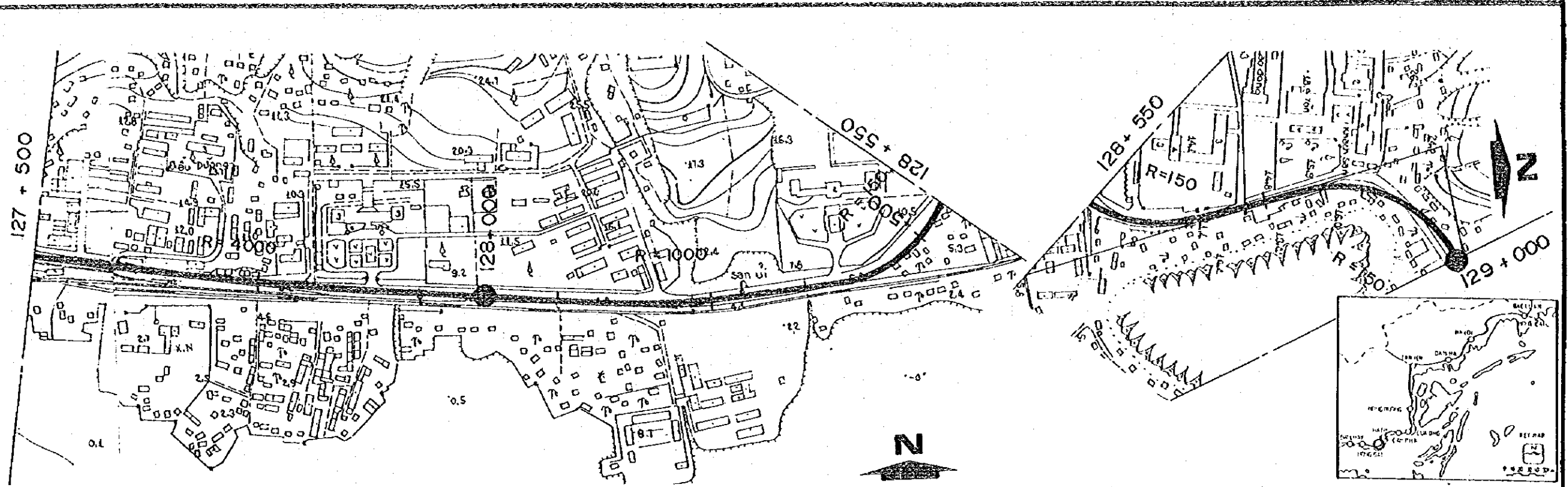
SCALE

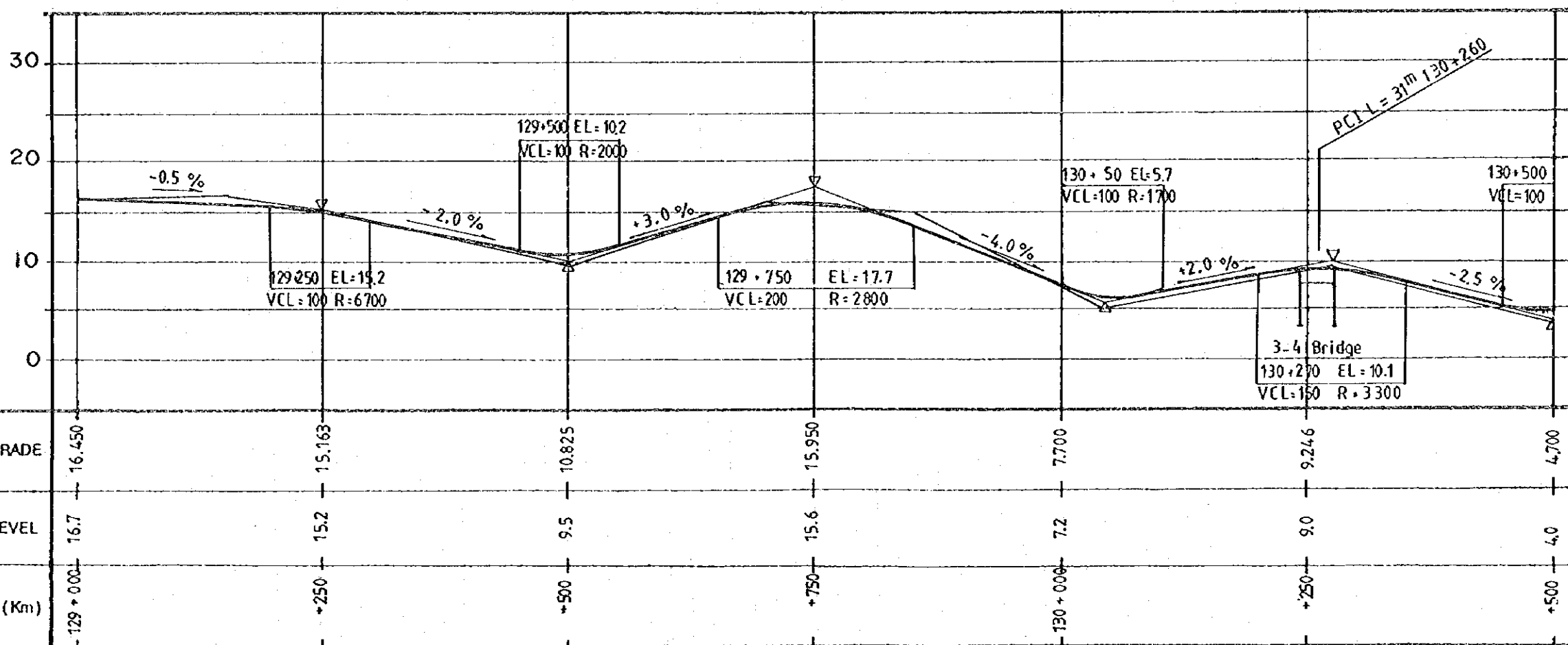
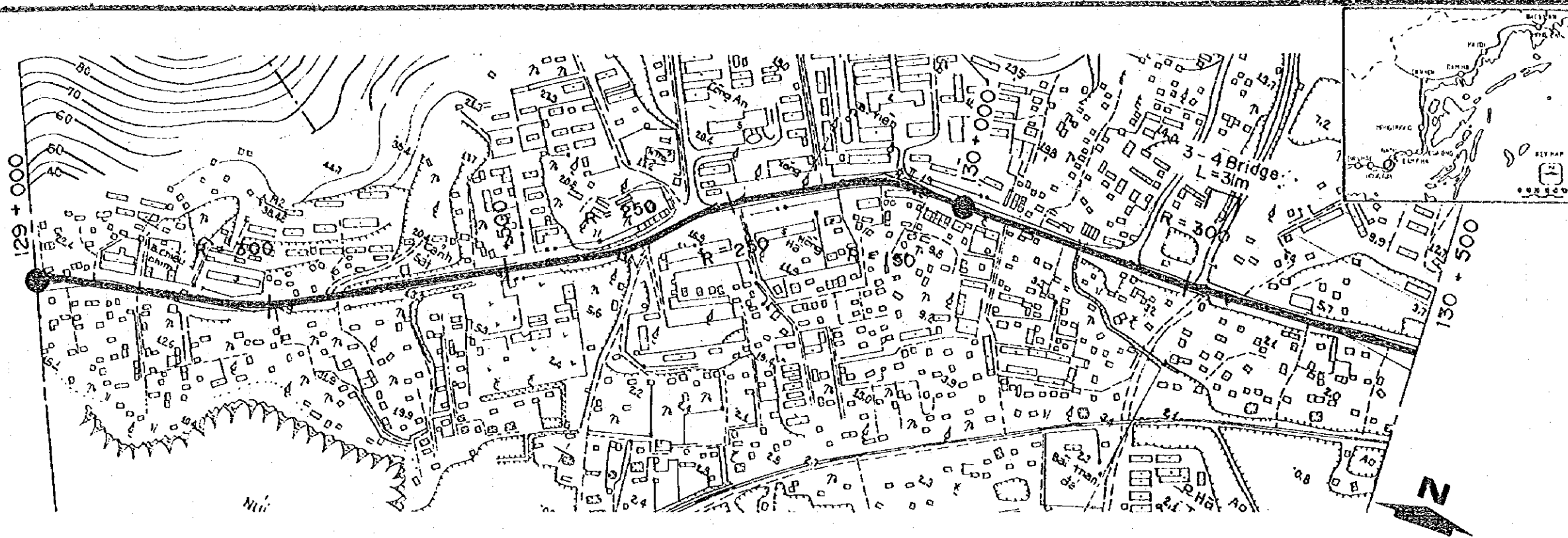
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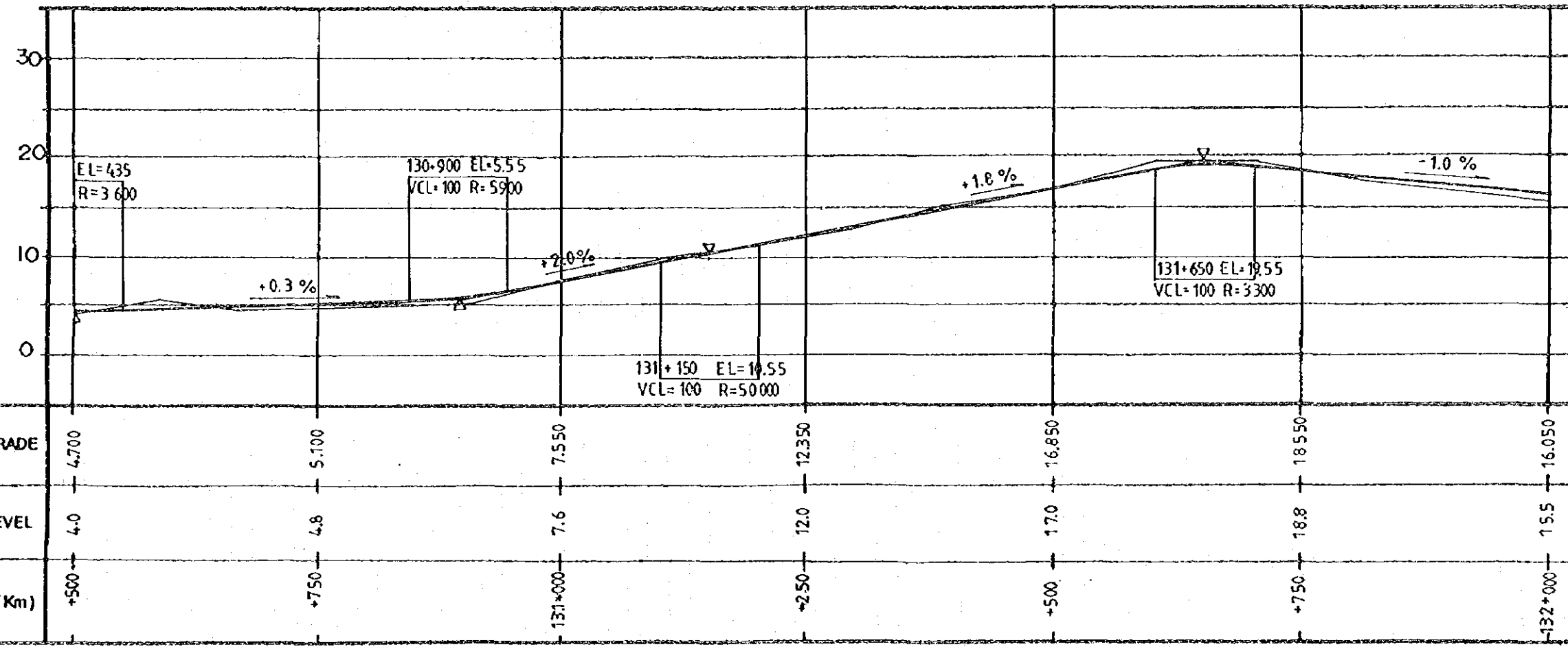
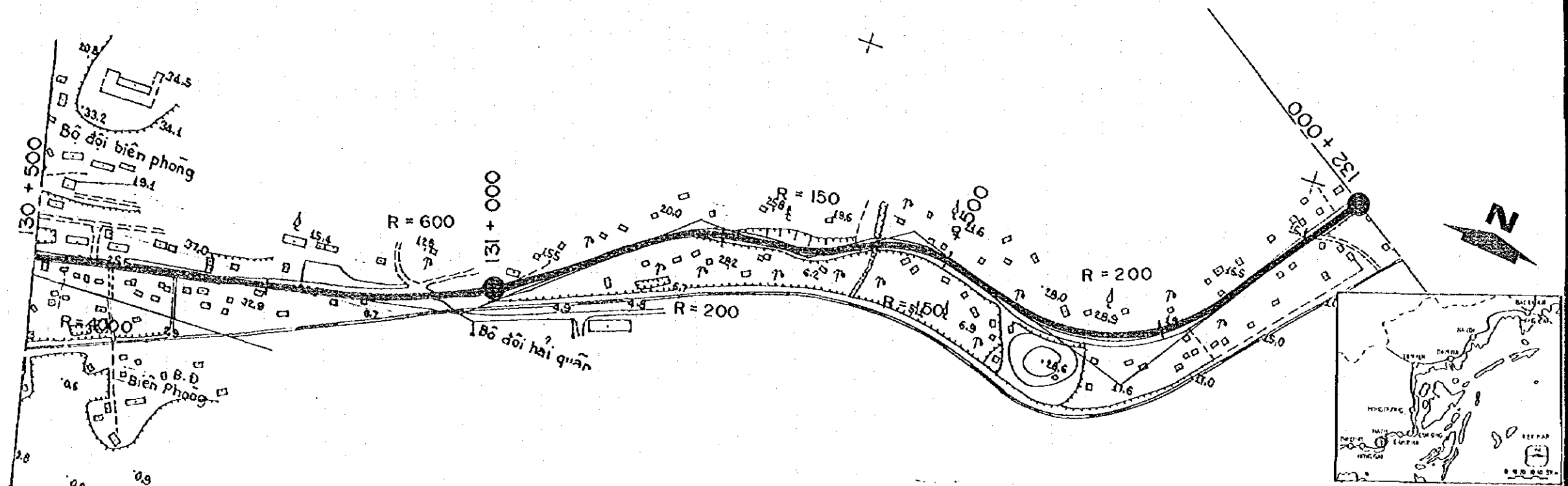
VERTICAL 1:500

SHEET NO.

62





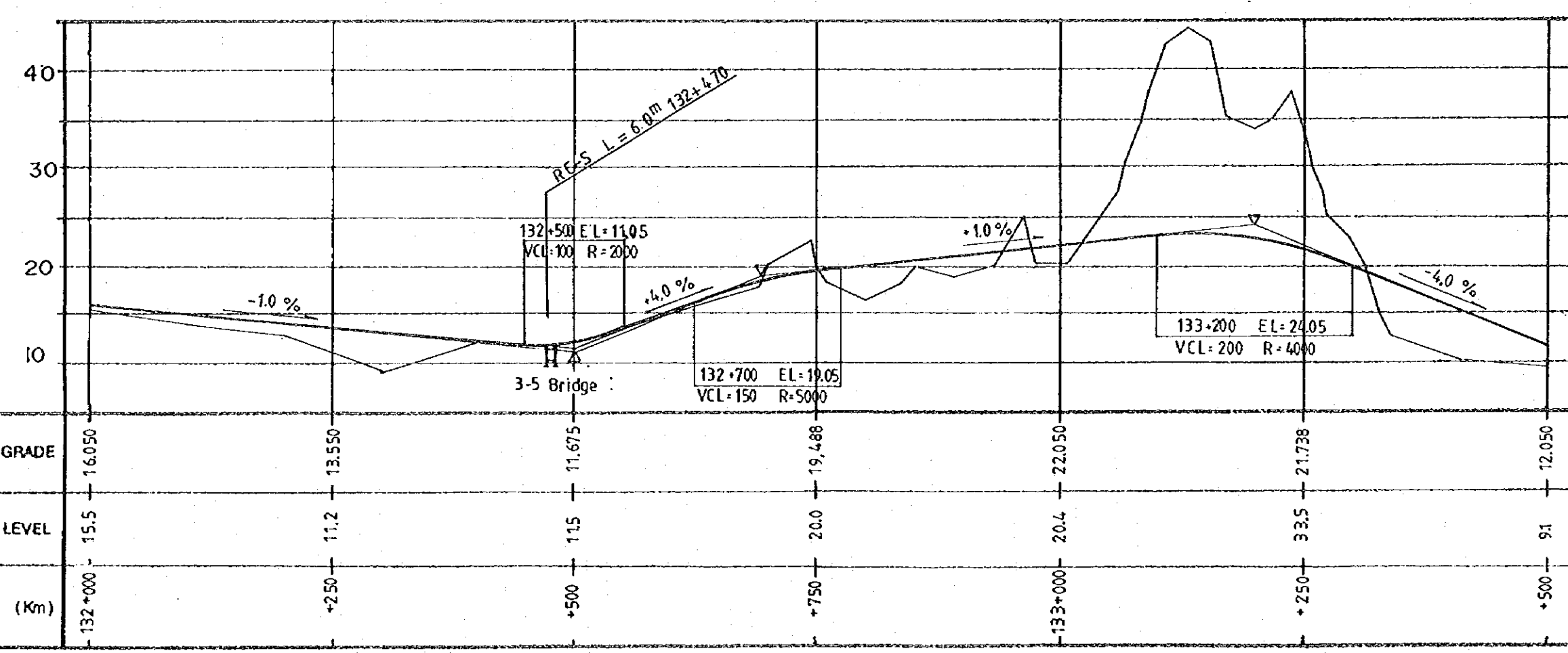
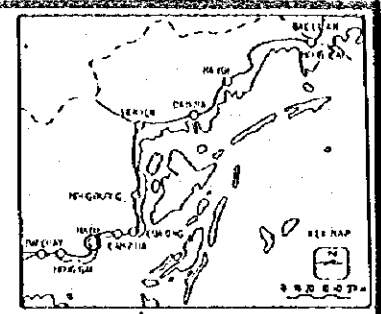
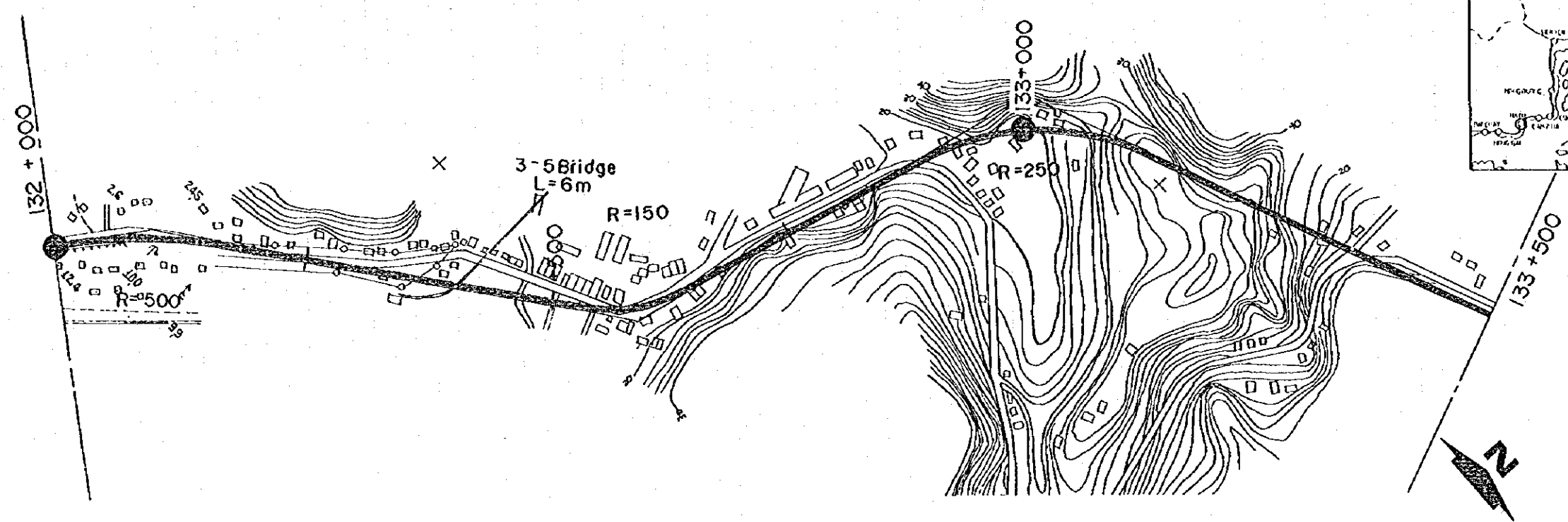


HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (8)

SCALE
HORIZONTAL 1:500
VERTICAL 1:500

SHEET NO.
65

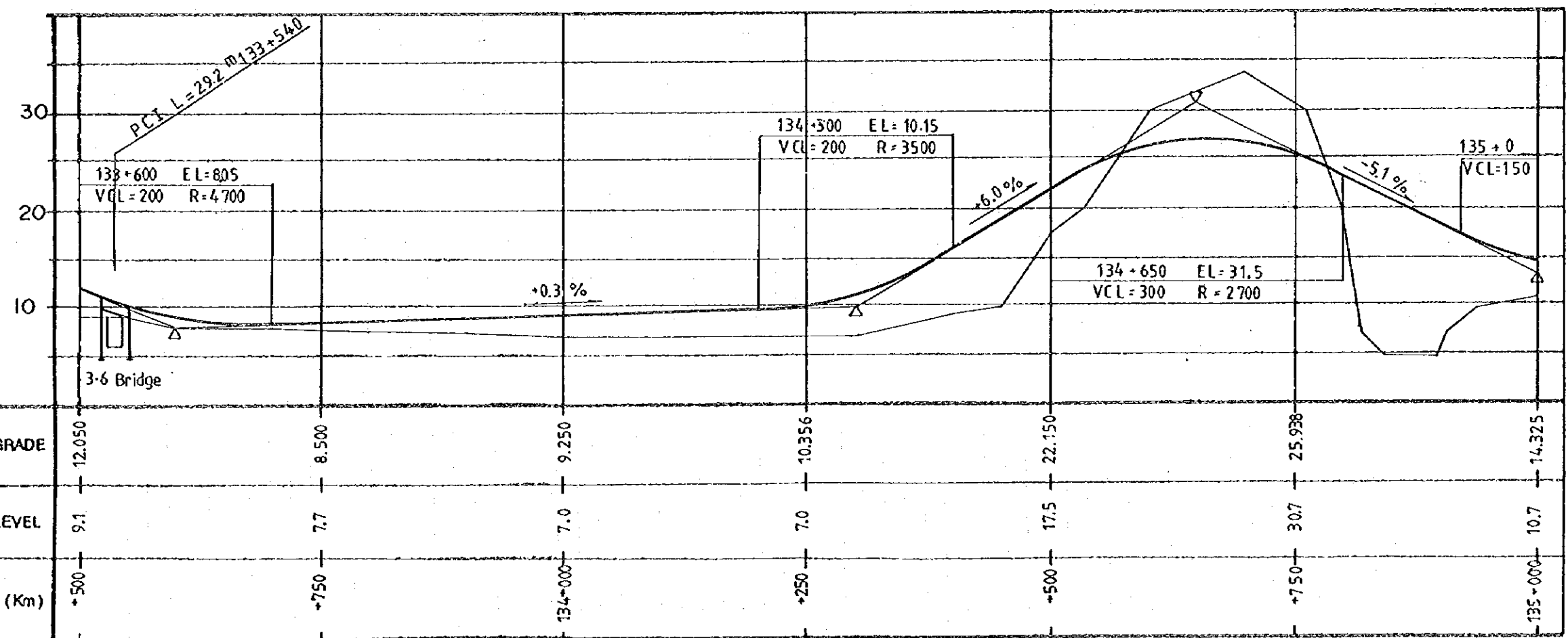
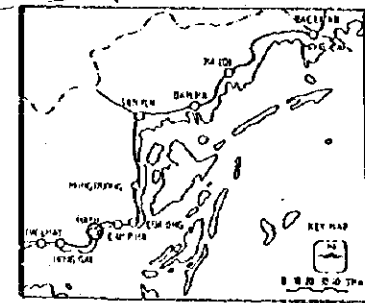
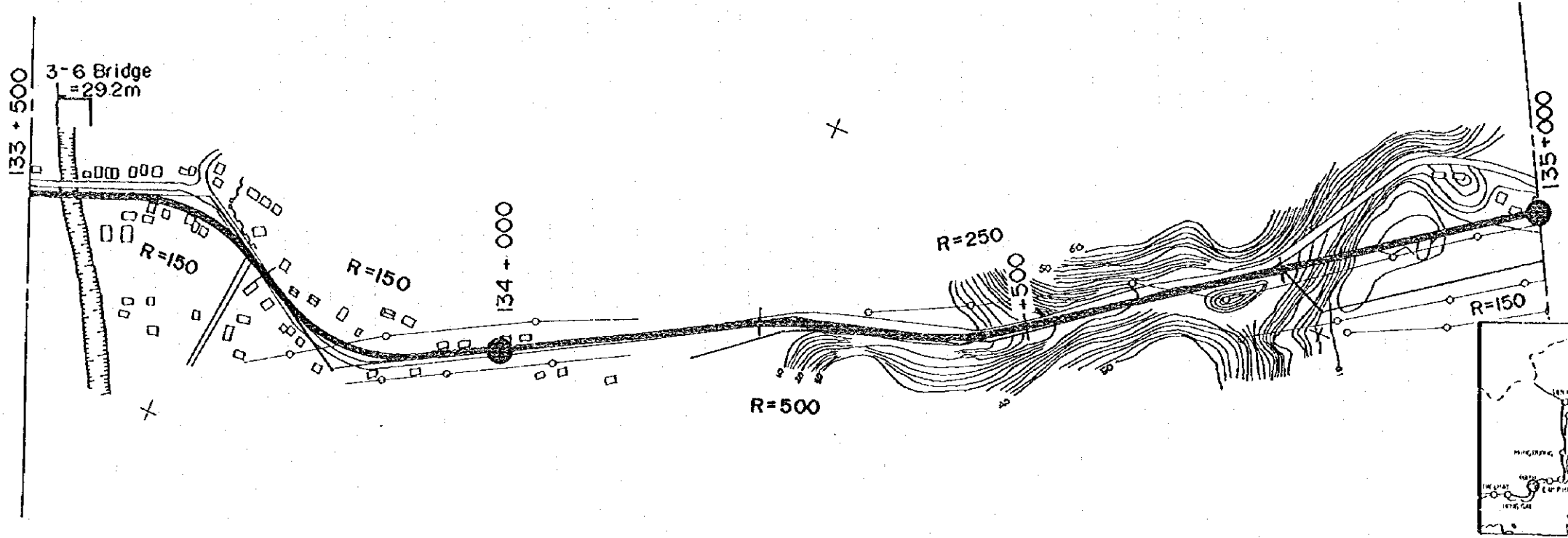


HIGHWAY NO.18 IMPROVEMENT

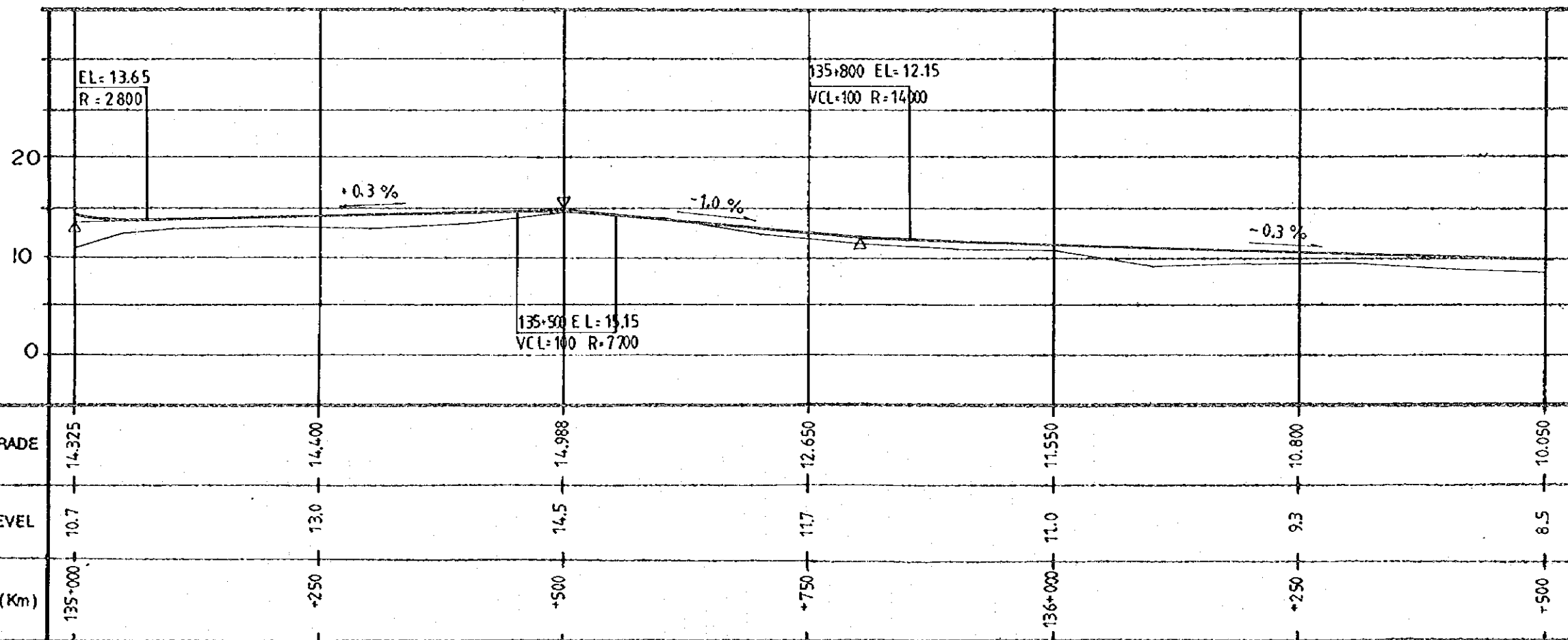
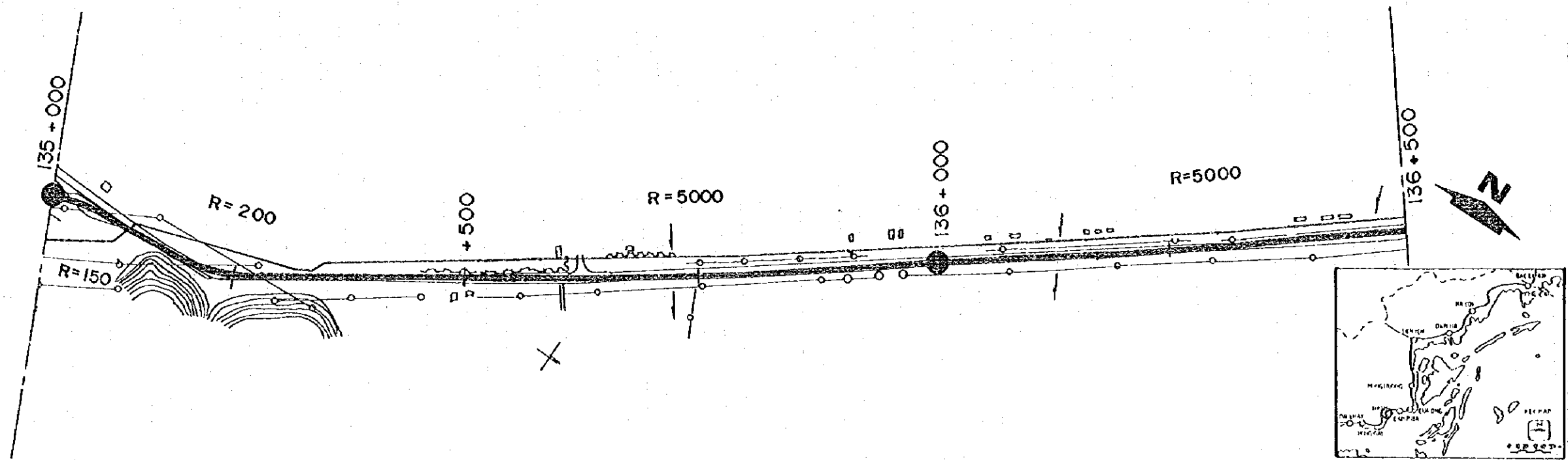
PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (9)

SCALE HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO. 66



FINISHED GRADE	12.050	8.500	9.250	10.356	22.150	25.938	14.325
GROUND LEVEL	9.1	7.7	7.0	7.0	17.5	30.7	10.7
STATION (Km)	133+500	133+750	134+000	134+250	134+500	134+750	135+000



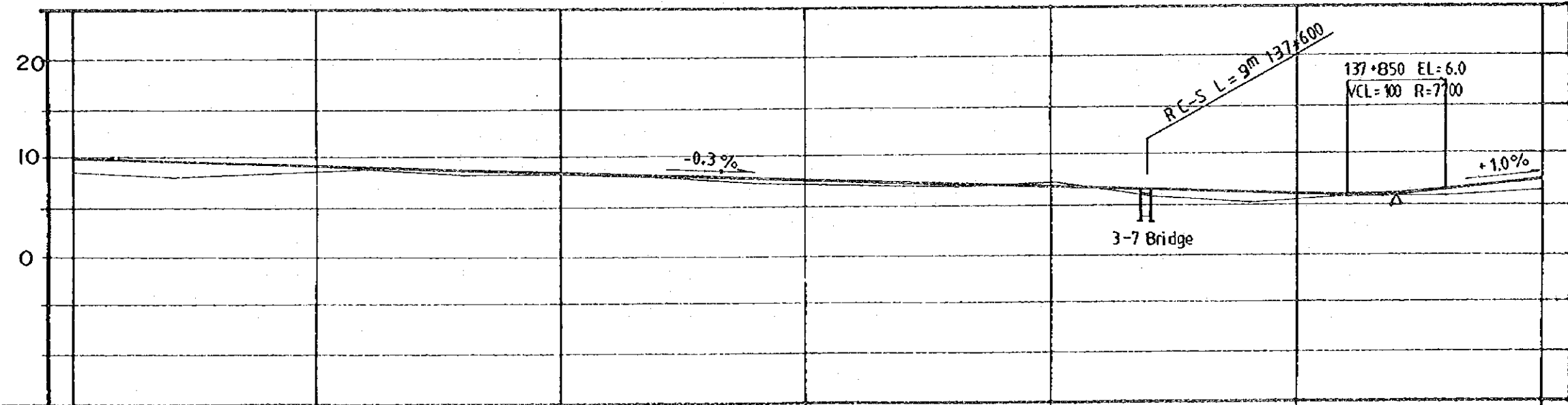
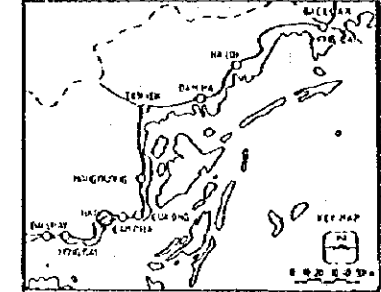
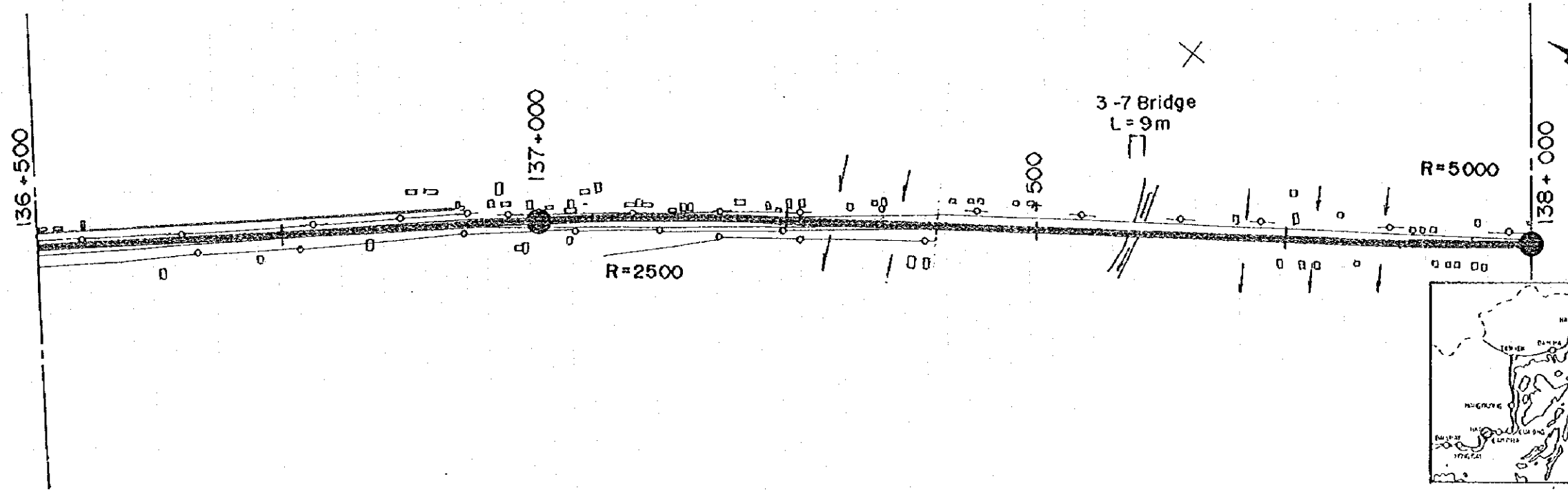
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (11)

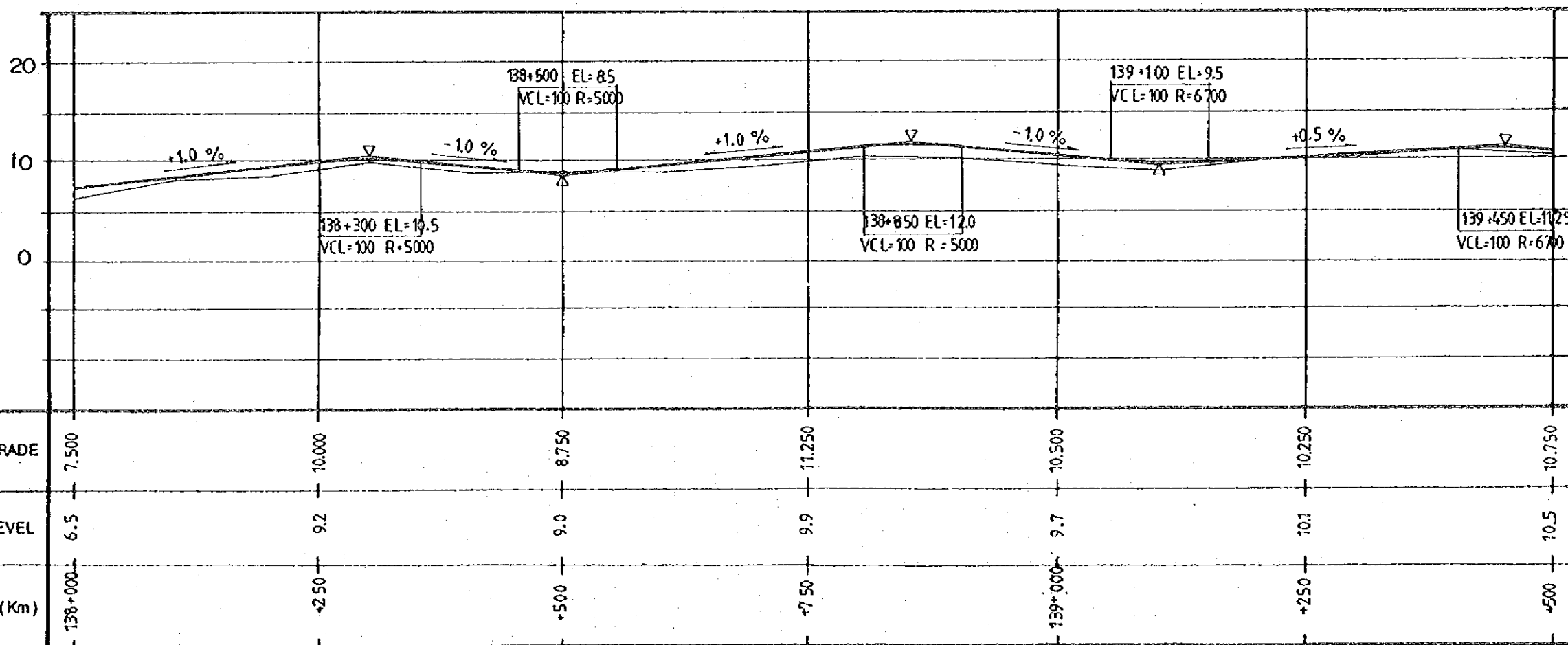
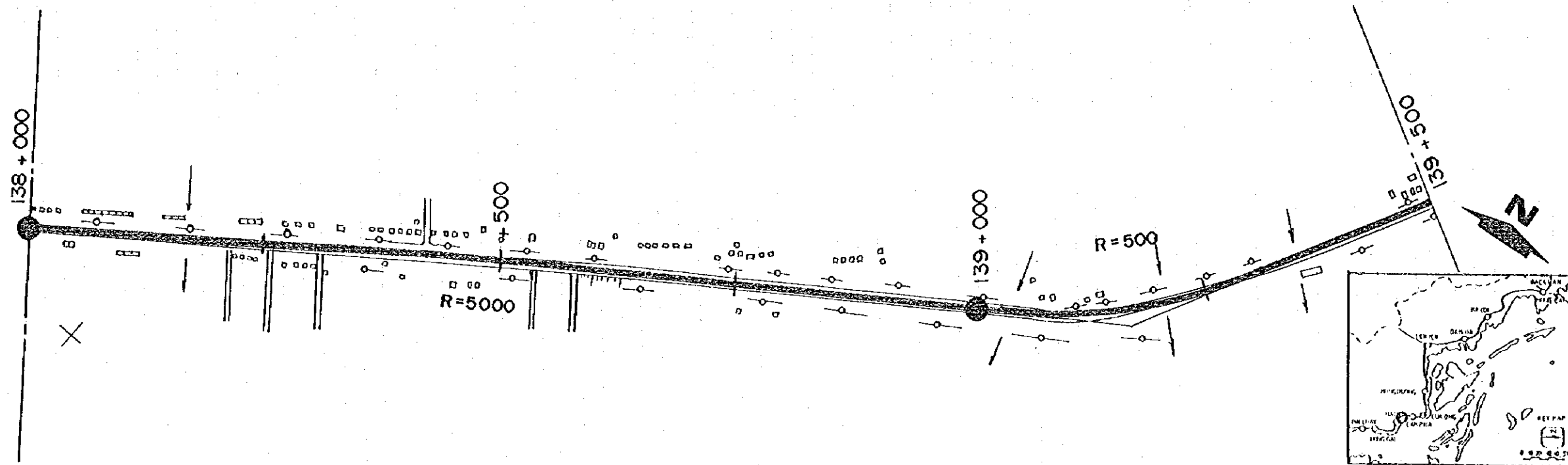
SCALE

HORIZONTAL	1:5000
VERTICAL	1:500

SHEET NO.	68
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FINISHED GRADE	10.050	9.300	8.550	7.800	7.050	6.300	7.500
GROUND LEVEL	8.5	8.8	8.5	7.3	7.5	5.7	6.5
STATION (Km)	136+500	137+000	137+250	137+500	137+750	138+000	



HIGHWAY NO.18 IMPROVEMENT

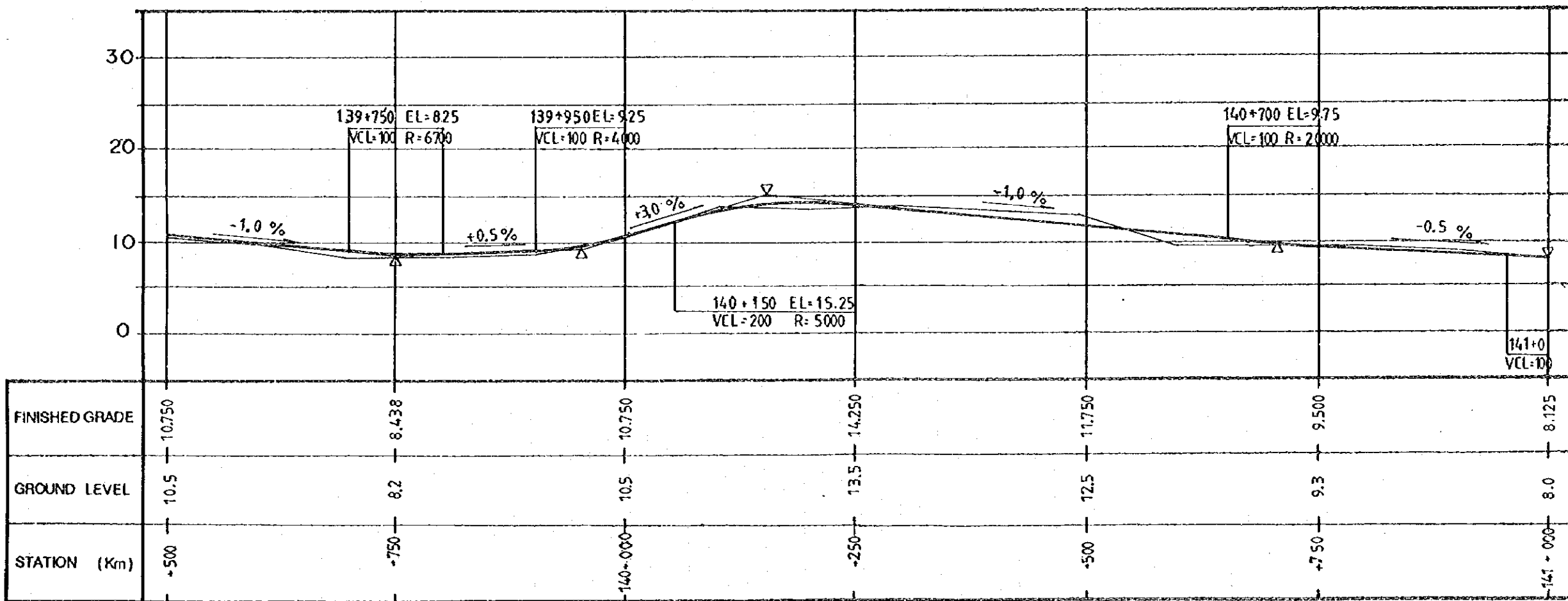
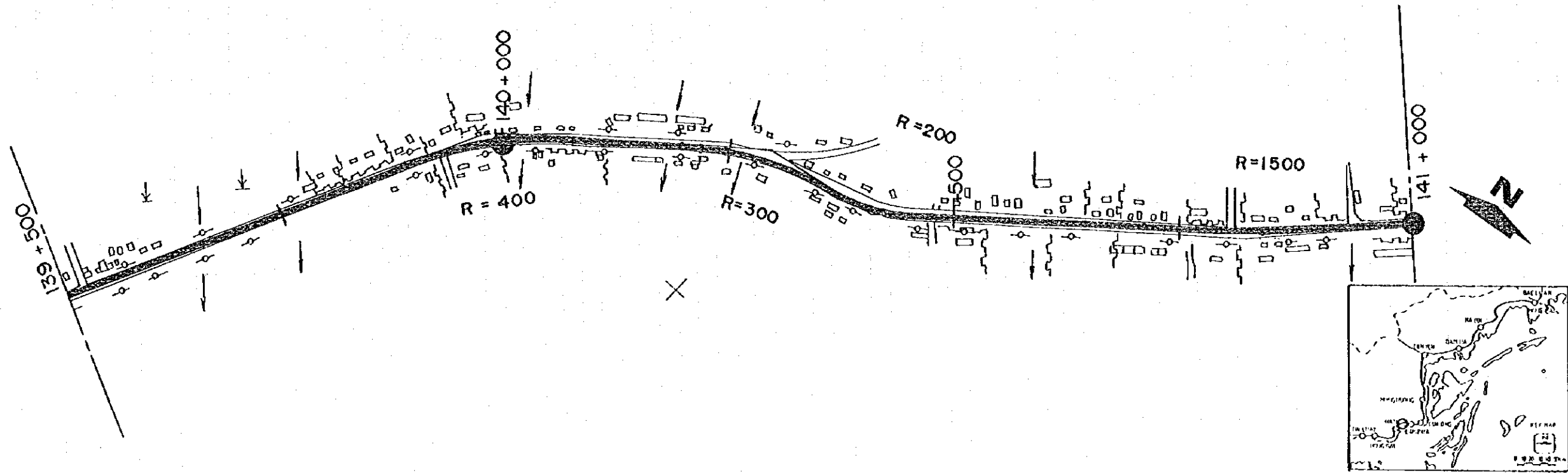
PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (13)

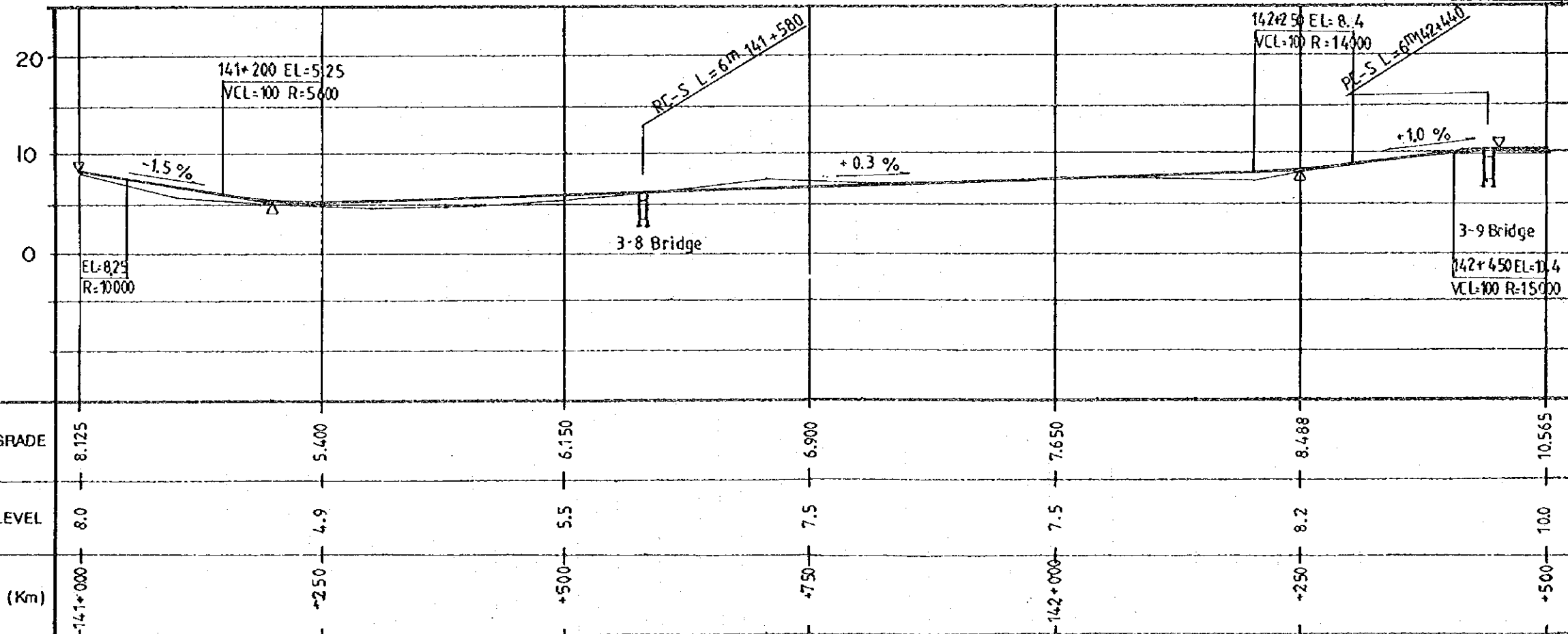
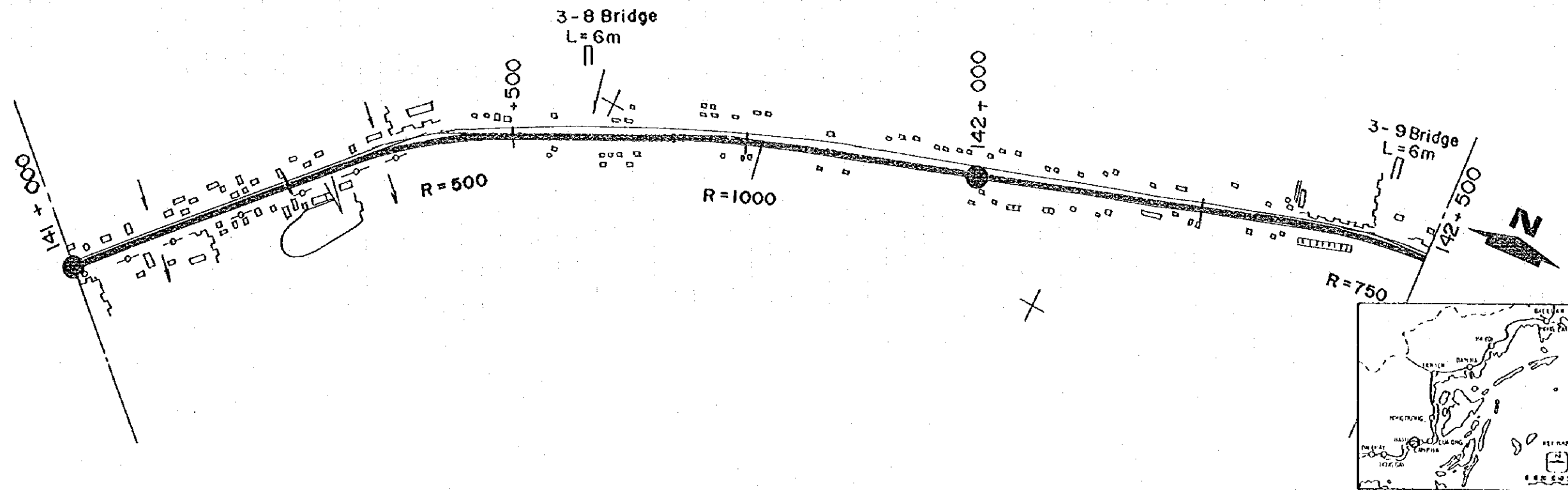
SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

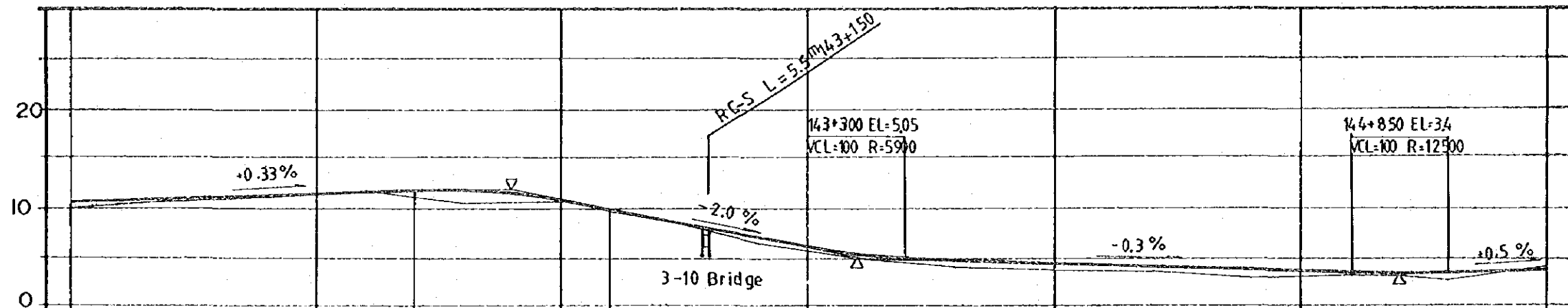
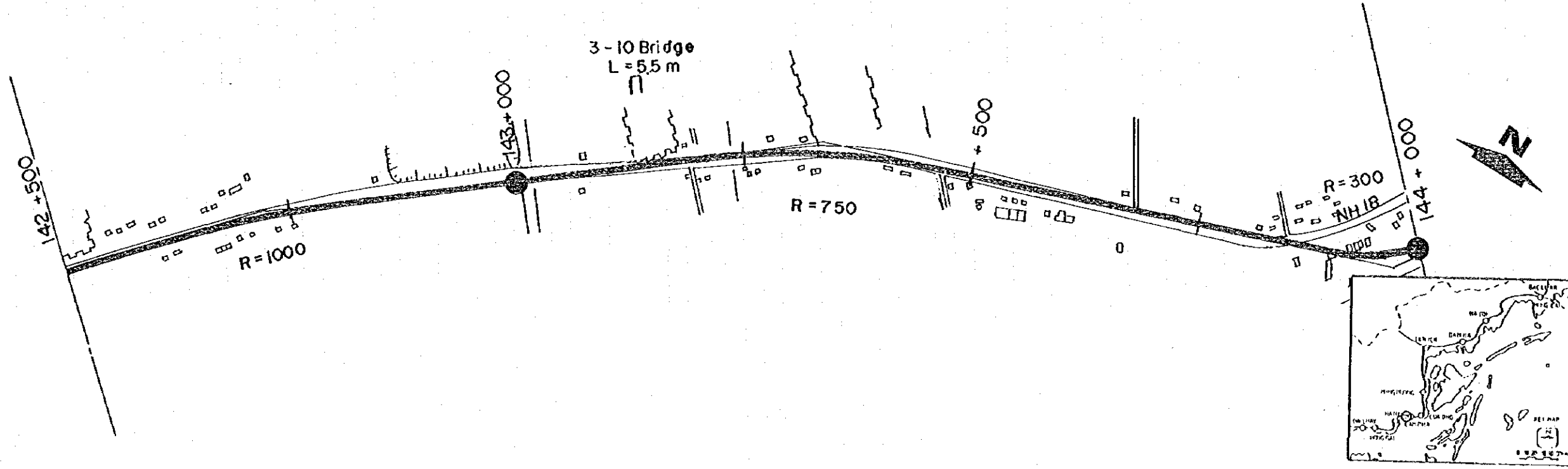
SHEET NO.

70

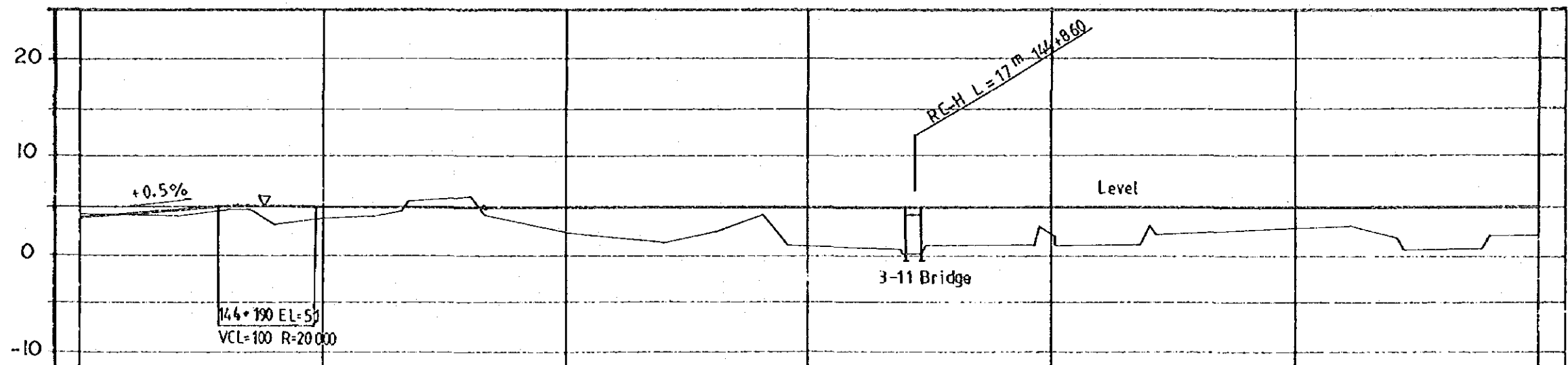
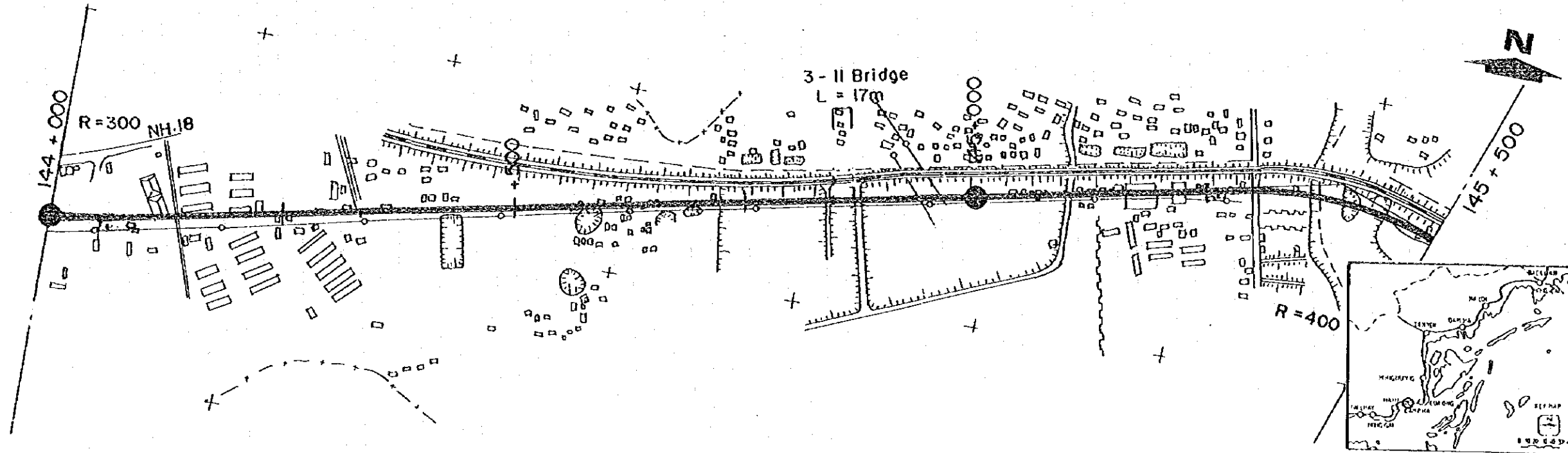




FINISHED GRADE	8.125	5.400	6.150	6.900	7.650	8.488	10.565
GROUND LEVEL	8.0	4.9	5.5	7.5	7.5	8.2	10.0
STATION (Km)	141+000	+250	+500	+750	142+000	+250	+500



FINISHED GRADE	10.565	11.390	10.904	6.050	4.450	3.700	4.150
GROUND LEVEL	10.0	11.3	10.6	5.6	3.6	3.0	4.0
STATION (Km)	+500	+750	+143+000	+250	+500	+750	+144+000



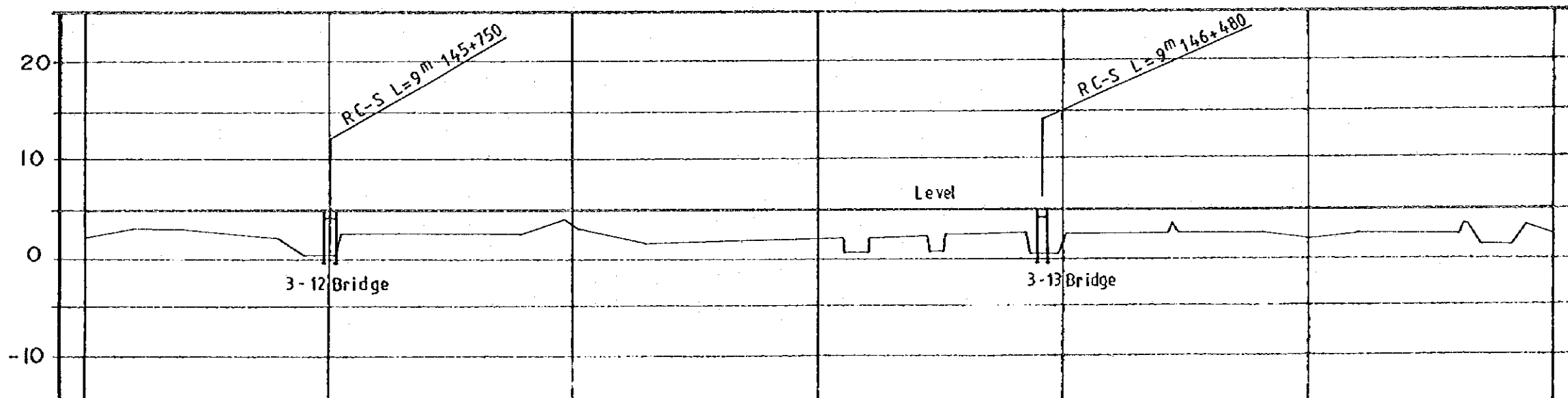
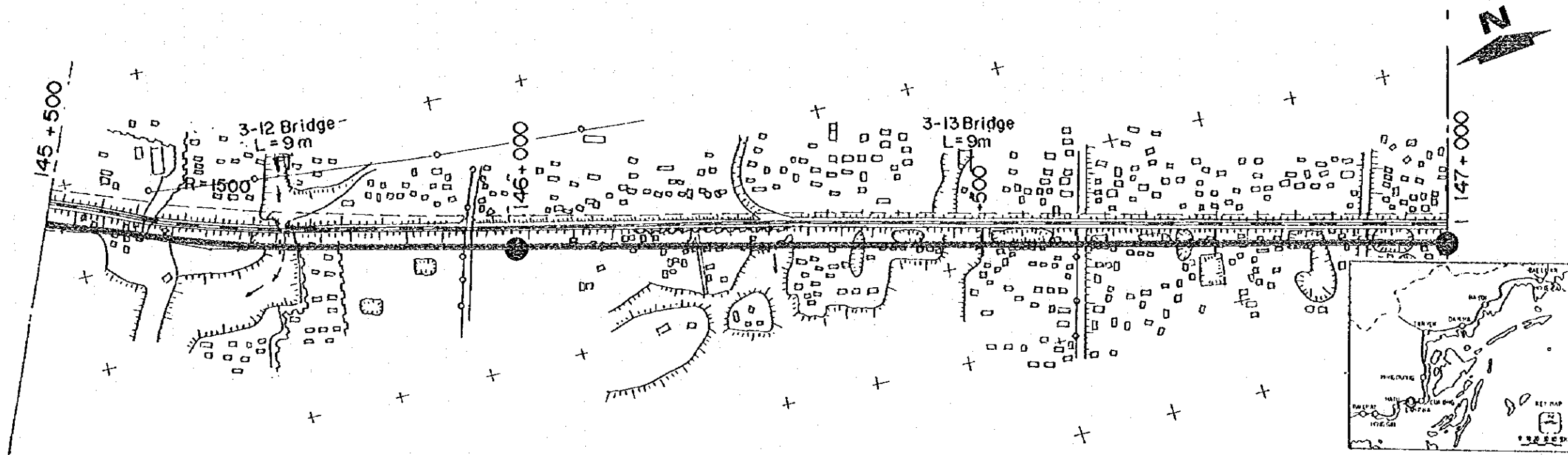
FINISHED GRADE	144+000	144+250	144+500	144+750	145+000	145+250	145+500
	4.150	5.100	5.100	5.100	5.100	5.100	5.100
GROUND LEVEL	4.0	3.8	2.5	1.0	2.5	3.0	2.2
STATION (Km)	144+000	144+250	144+500	144+750	145+000	145+250	145+500

HIGHWAY NO.18 IMPROVEMENT

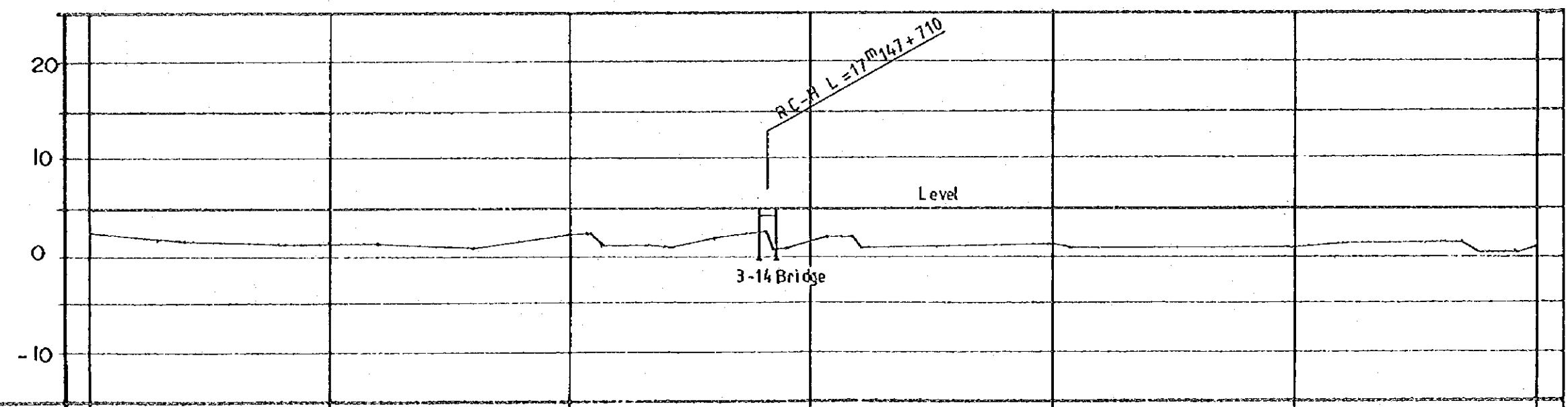
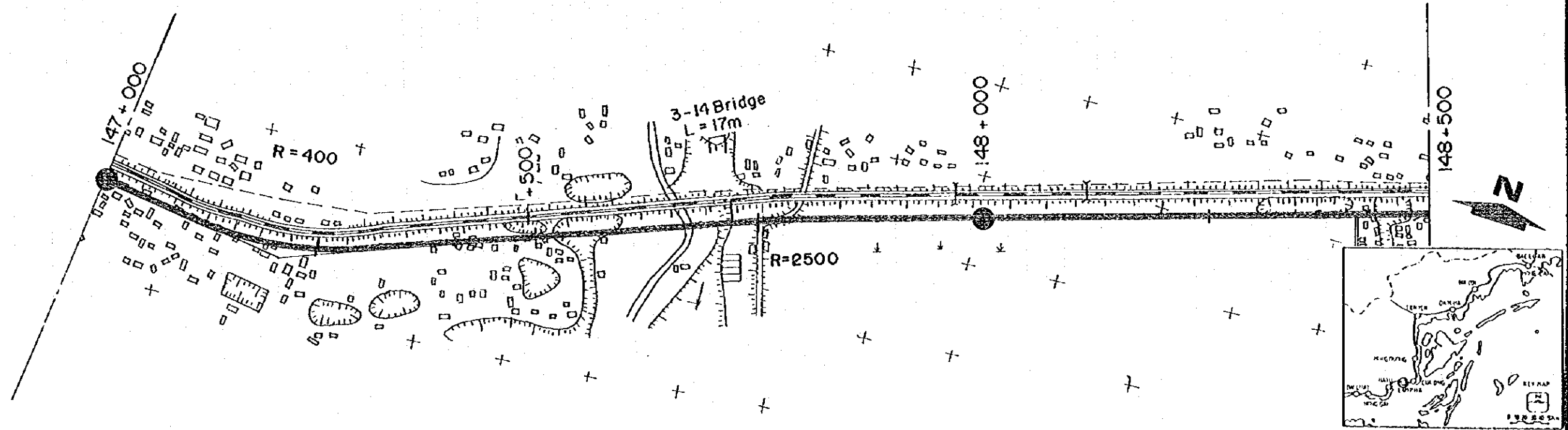
PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (17)

SCALE HORIZONTAL 1:5000
VERTICAL 1:500

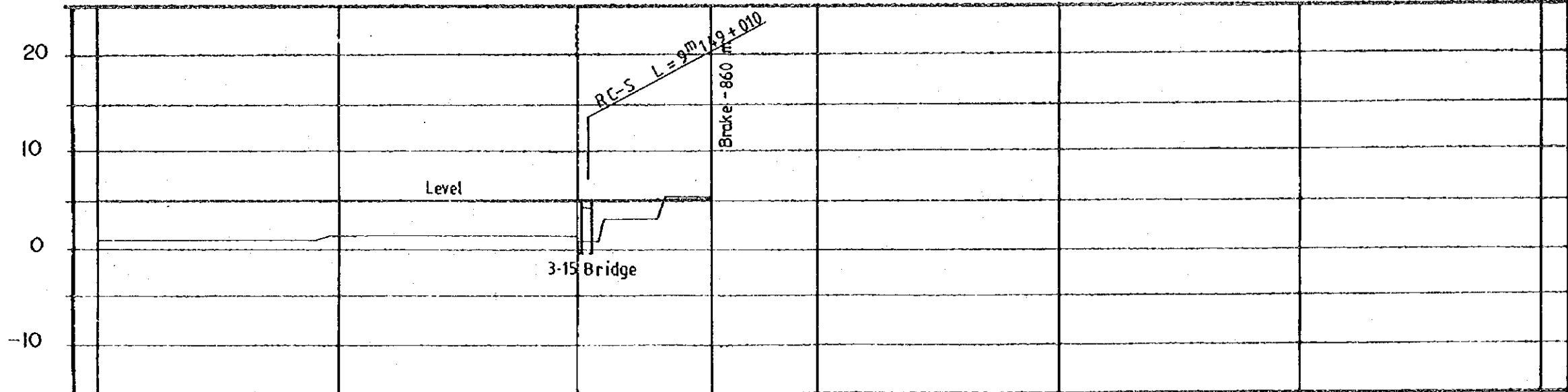
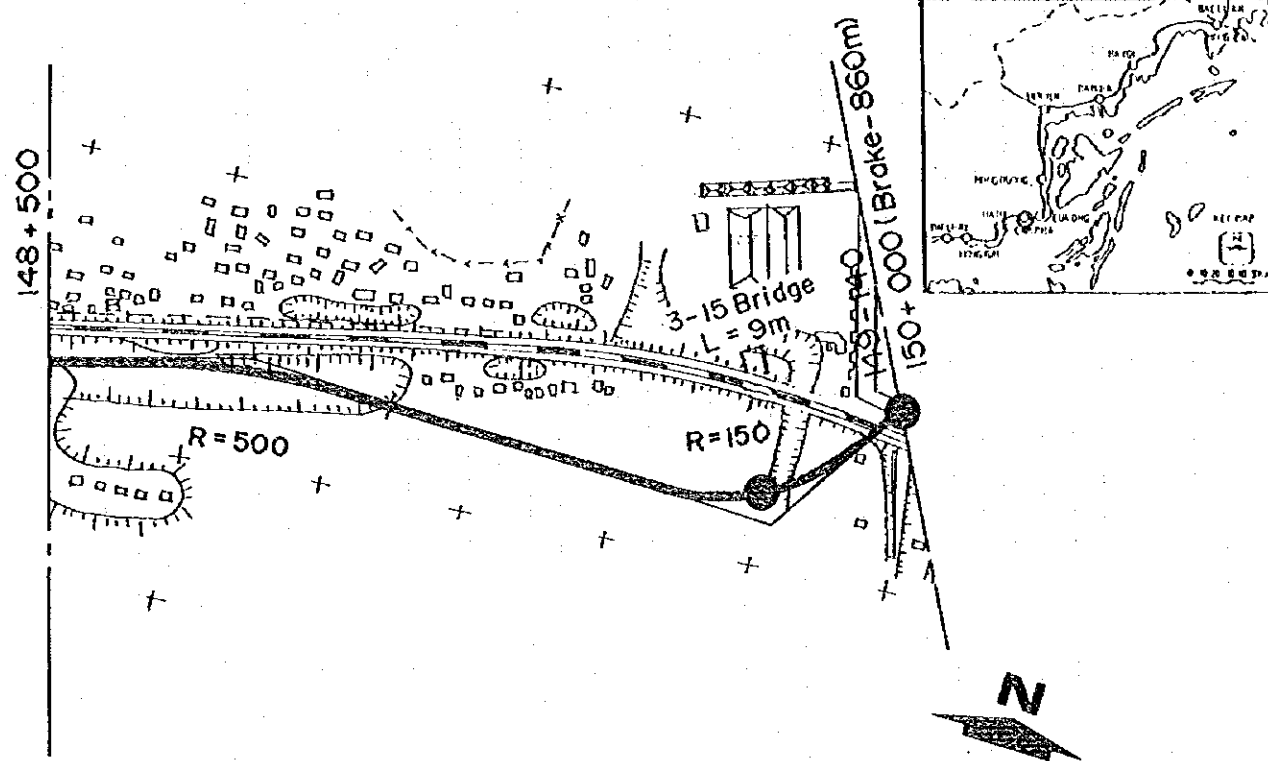
SHEET NO.
74



FINISHED GRADE	5.100	5.100	5.100	5.100	5.100	5.100	5.100
GROUND LEVEL	2.2	0.5	3.5	2.0	1.6	2.0	2.5
STATION (Km)	145+500	145+750	146+000	146+250	146+500	146+750	147+000



FINISHED GRADE	147+000	+250	+500	+750	148+000	+250	148+500
	5.100	5.100	5.100	5.100	5.100	5.100	5.100
GROUND LEVEL	147+000	+250	+500	+750	148+000	+250	148+500
	2.5	1.3	2.5	1.5	1.3	1.0	1.0
STATION (Km)	147+000	+250	+500	+750	148+000	+250	148+500



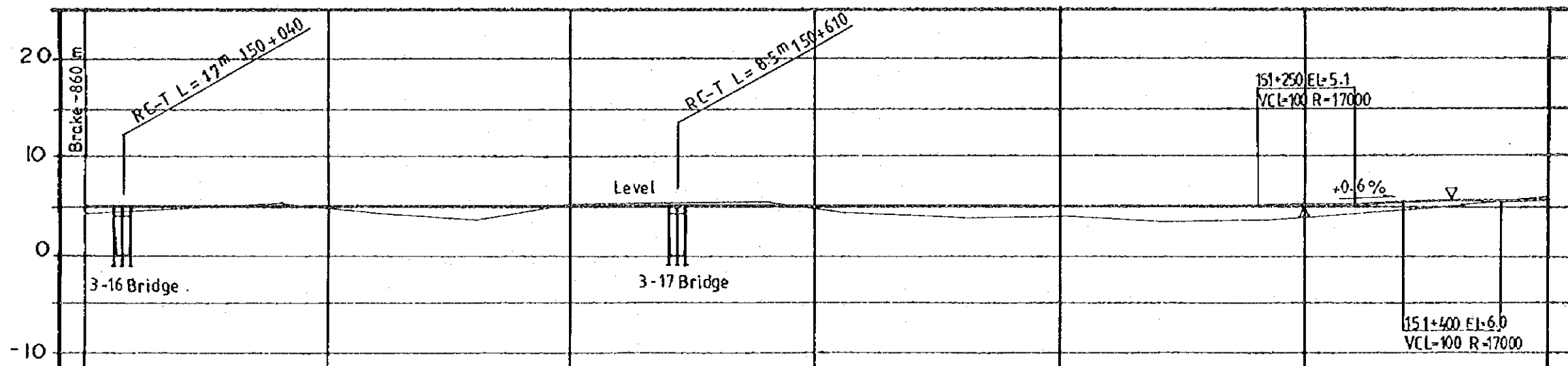
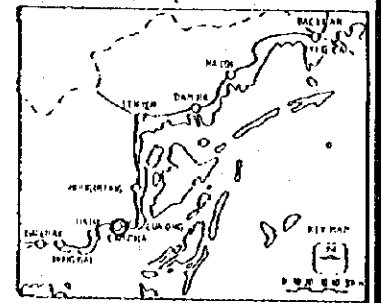
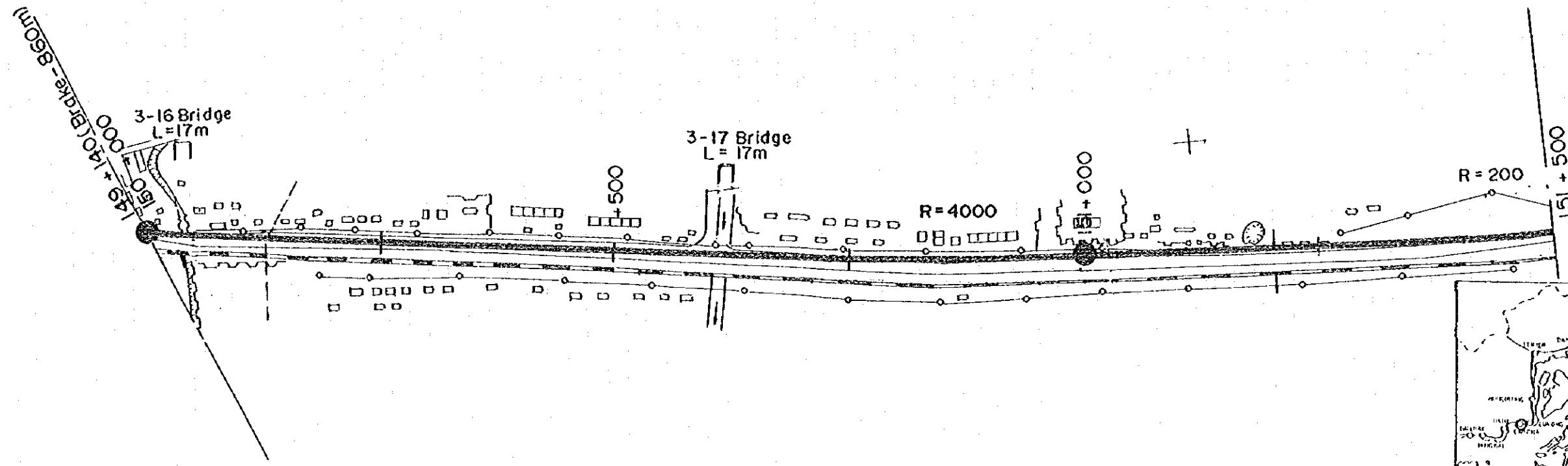
FINISHED GRADE	5.100	5.100	5.100	5.100
GROUND LEVEL	1.0	1.5	1.0	5.4
STATION (Km)	+500	+750	149+000	+140 (150+000)

HIGHWAY NO.18 IMPROVEMENT

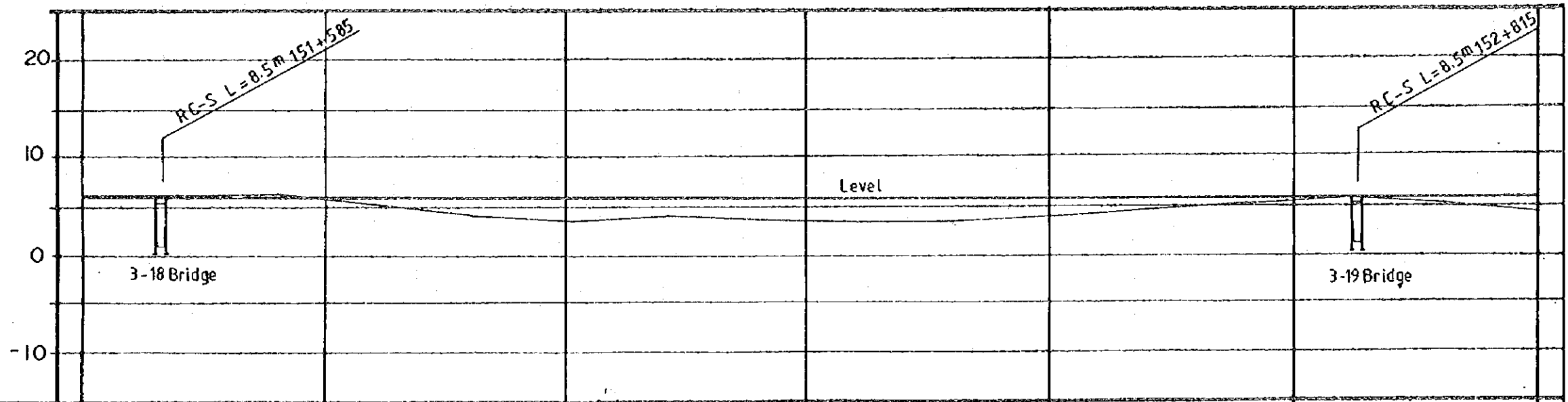
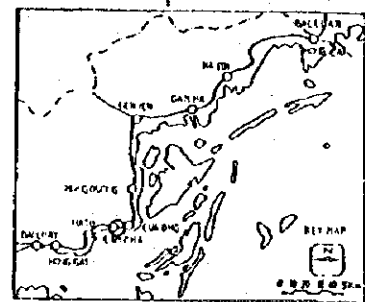
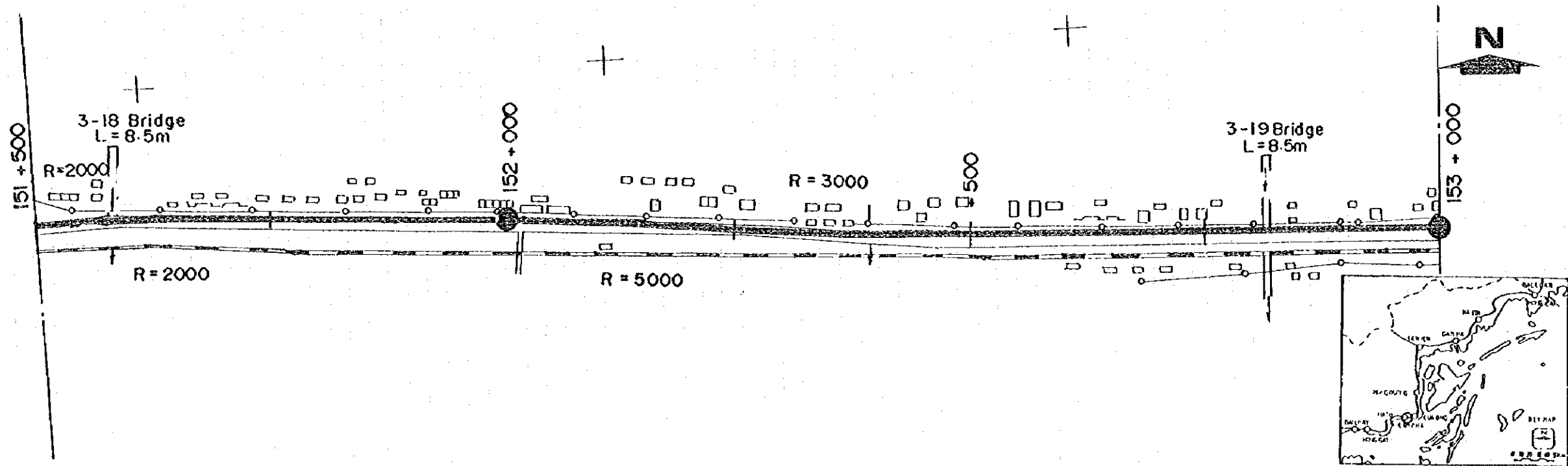
PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (20)

SCALE HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
77



FINISHED GRADE	5.100	5.100	5.100	5.100	5.100	5.175	6.000
GROUND LEVEL	4.3	4.9	5.5	4.8	4.2	4.0	6.2
STATION (Km)	149+000	+250	+500	+750	151+000	+250	+500



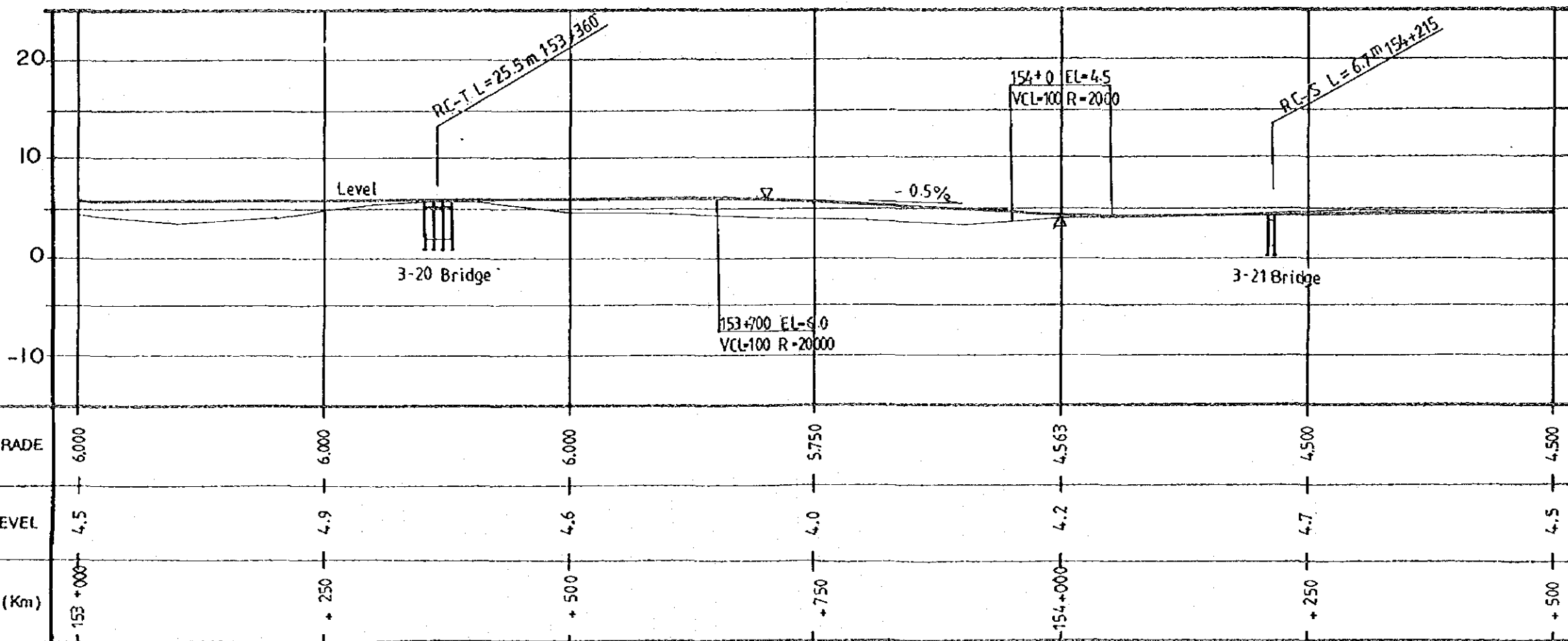
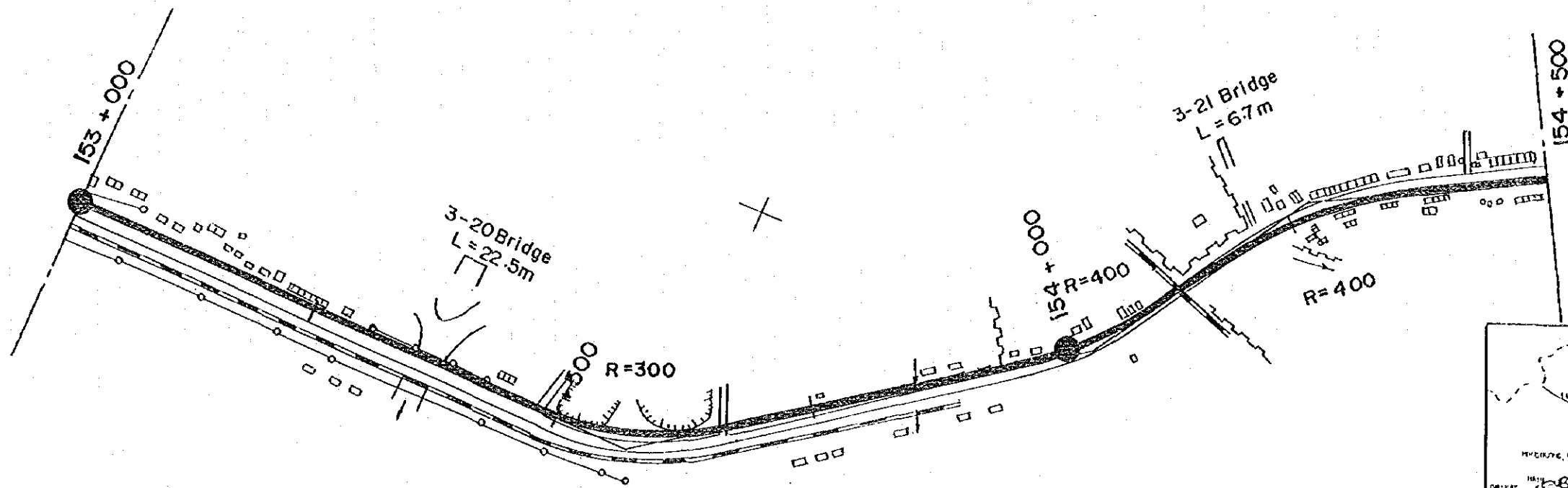
FINISHED GRADE	6.000	6.000	6.000	6.000	6.000	6.000	6.000
GROUND LEVEL	6.2	5.8	3.5	3.6	4.0	5.6	4.5
STATION (Km)	+500	+750	152+0	+250	+500	+750	153+0

HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (22)

SCALE
HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
79



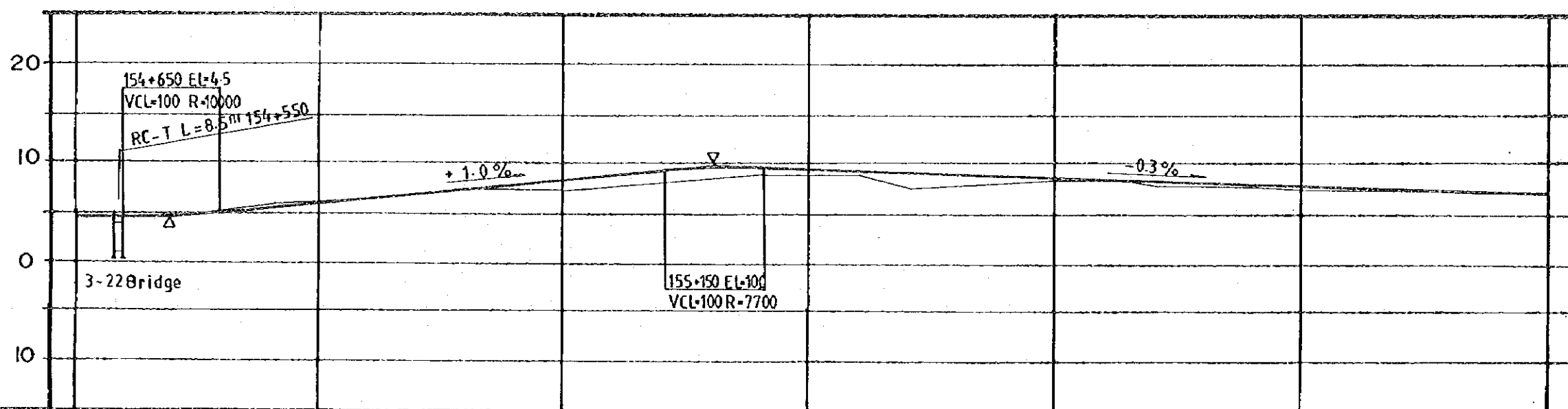
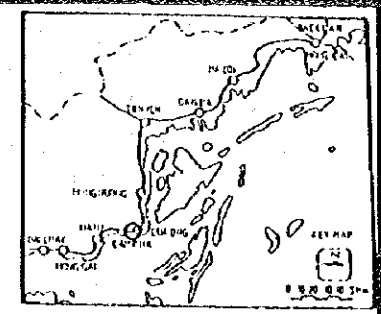
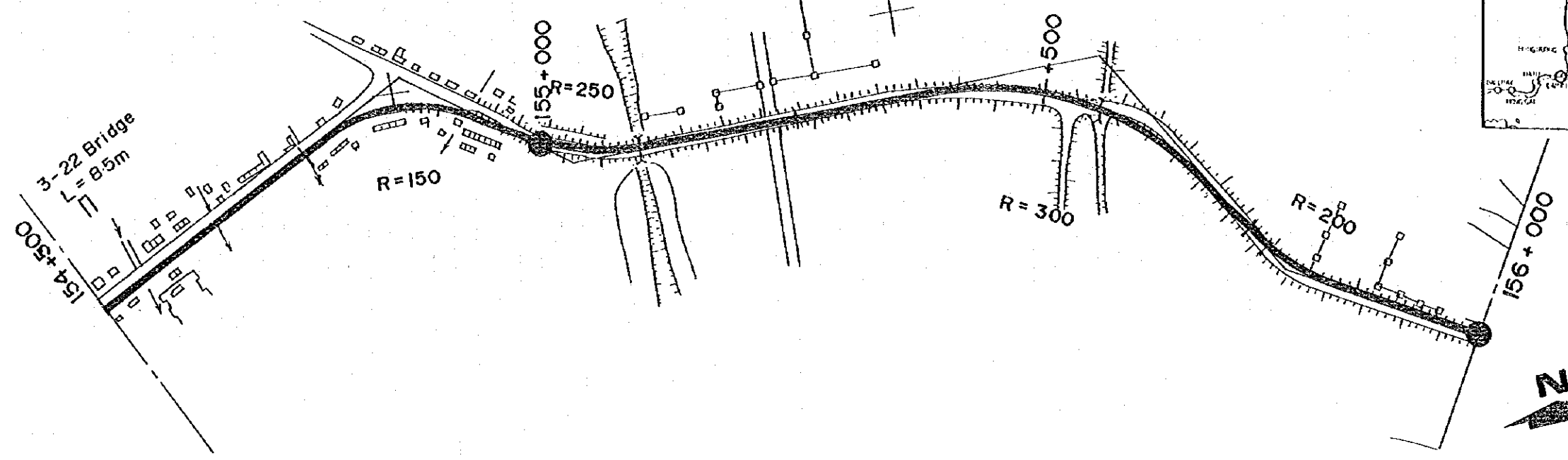
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (23)

SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
80



FINISHED GRADE	4.500	6.000	8.500	9.700	8.950	8.200	7.450
GROUND LEVEL	4.5	6.0	7.5	9.0	8.5	7.7	7.5
STATION (Km)	+500	+750	155+000	+250	+500	+750	156+000

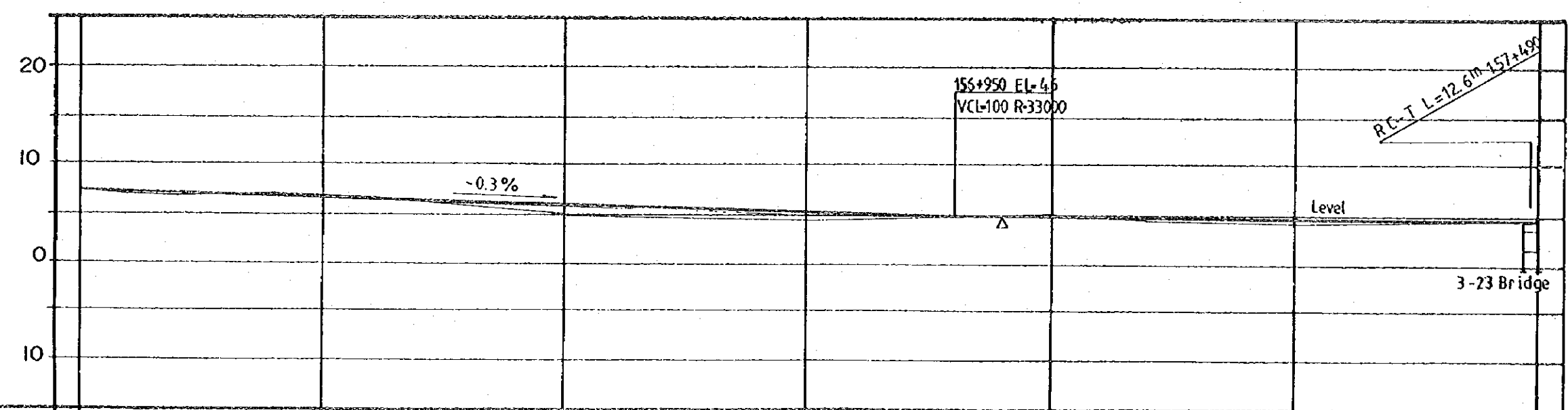
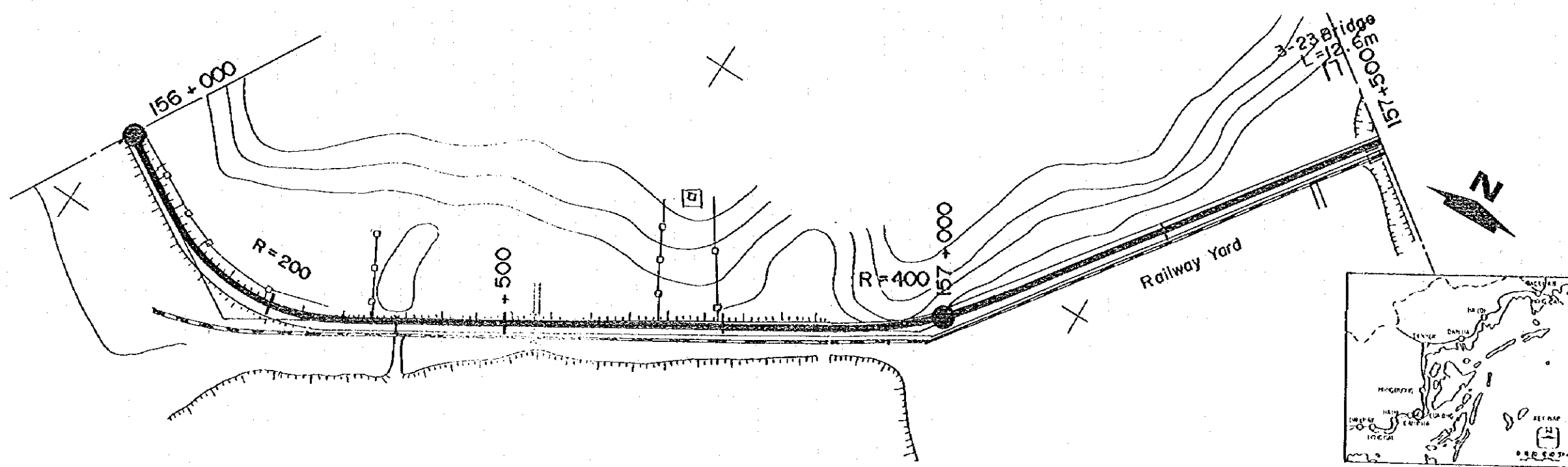
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (24)

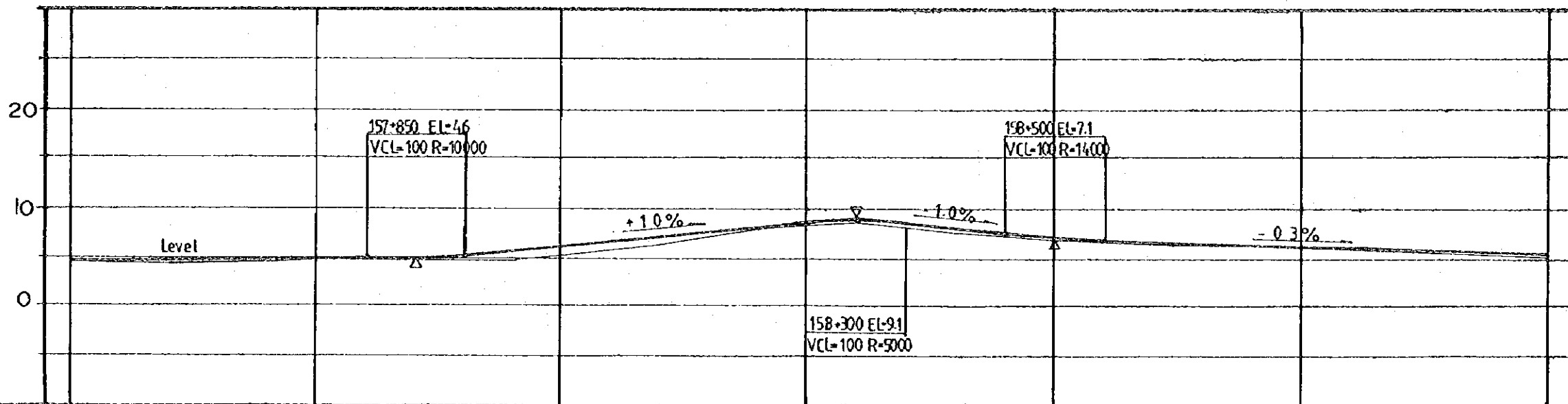
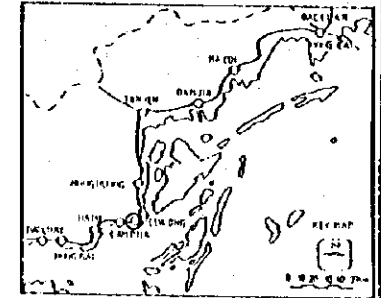
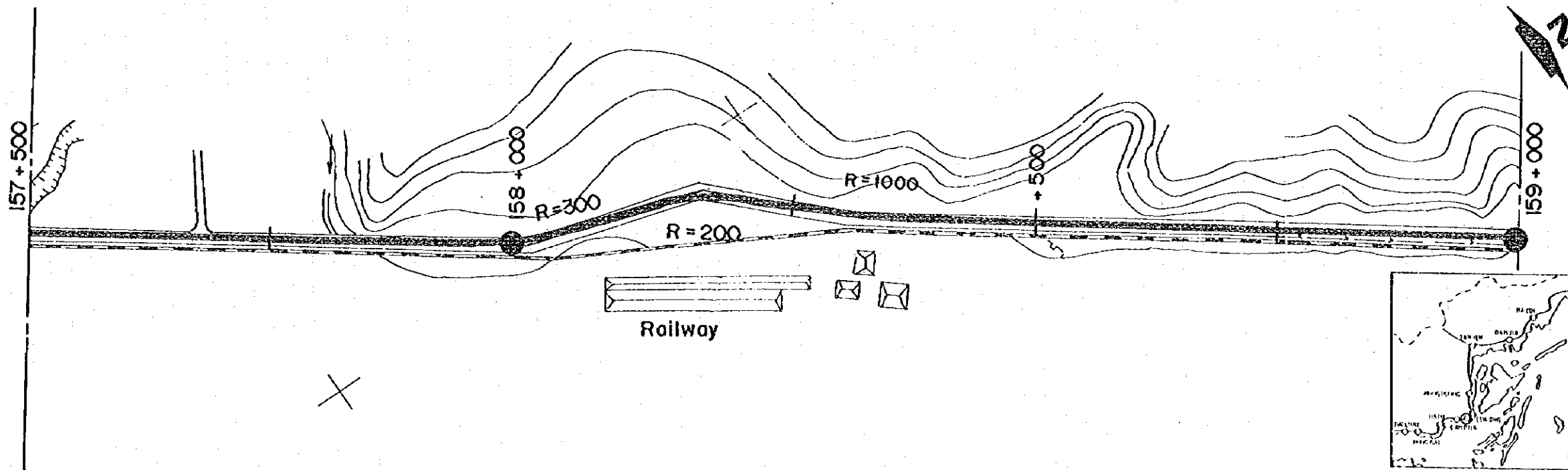
SCALE

HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO.
81



FINISHED GRADE	156+000	+250	+500	+750	+1000	+1250	+1500	+157+500
	7.450	6.700	5.950	5.200	4.600	4.600	4.600	4.600
GROUND LEVEL	156+000	+250	+500	+750	+1000	+1250	+1500	+157+500
	7.6	6.7	5.0	4.5	5.0	4.5	4.5	4.8
STATION (Km)	156+000	+250	+500	+750	+1000	+1250	+1500	+157+500



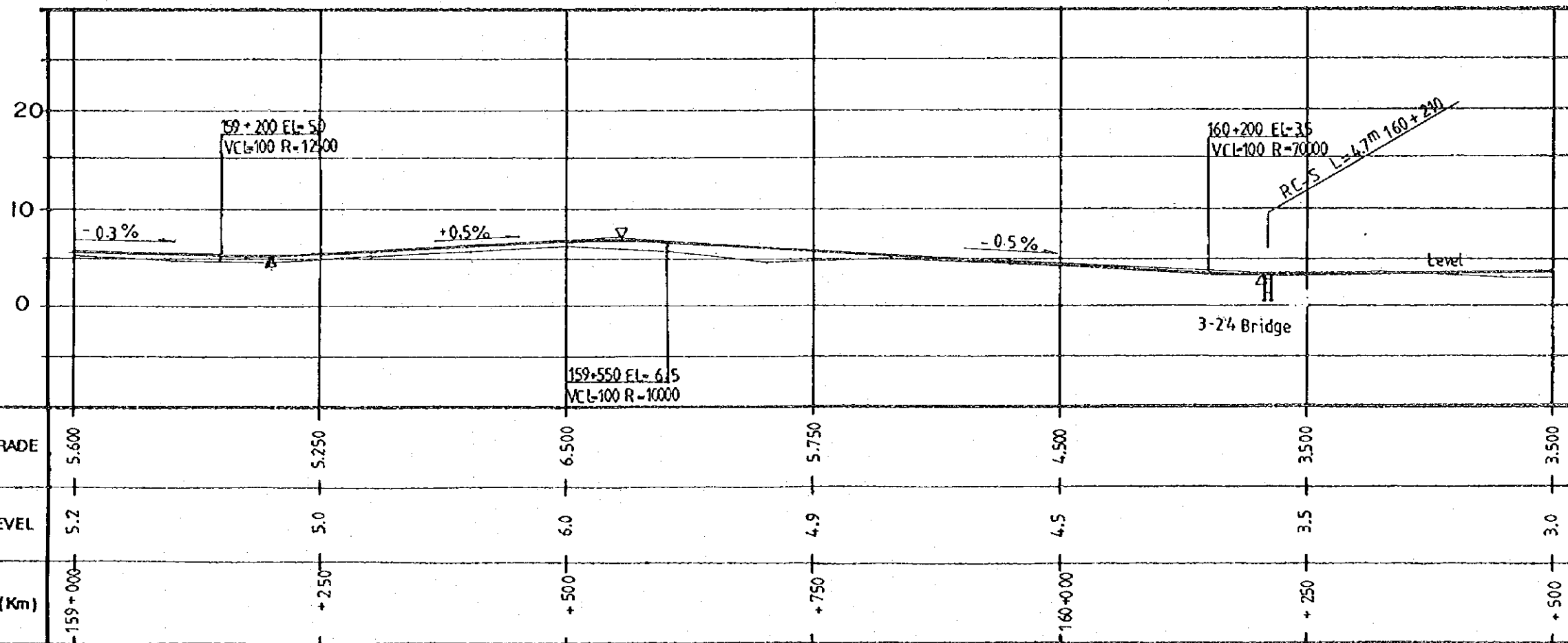
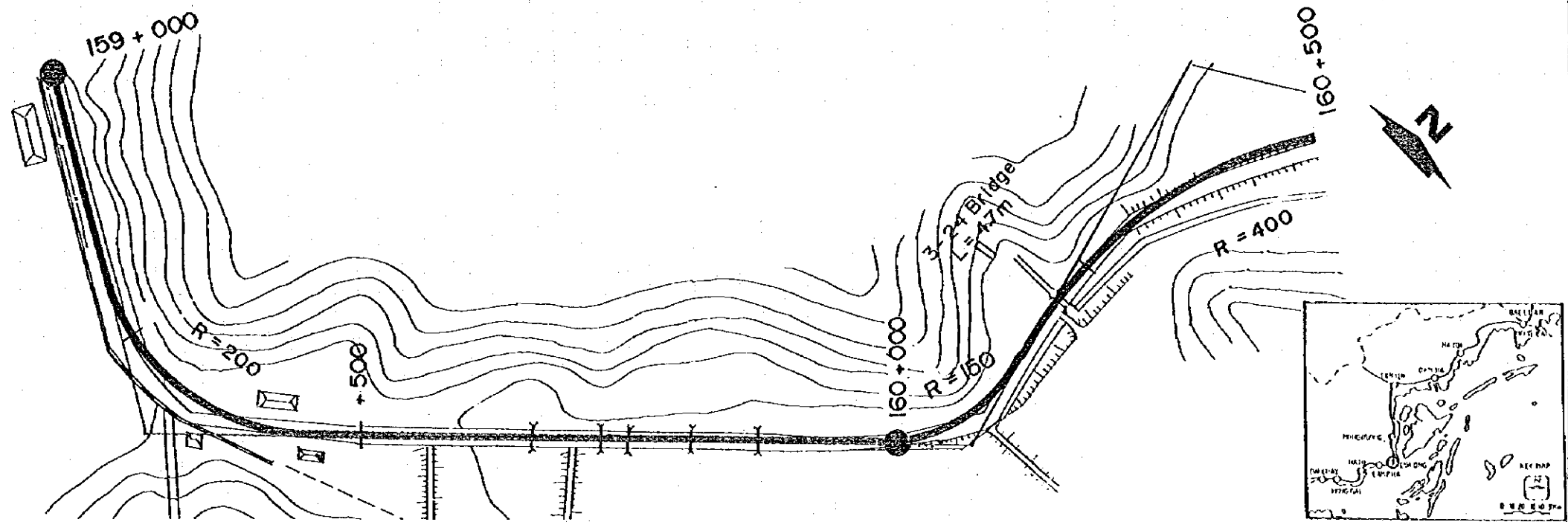
FINISHED GRADE	4.600	4.600	6.100	8.600	7.188	6.350	5.600
GROUND LEVEL	4.8	5.0	5.2	8.0	6.6	6.0	5.2
STATION (Km)	+ 500	+ 750	158+ 000	+ 250	+ 500	+ 750	159+ 000

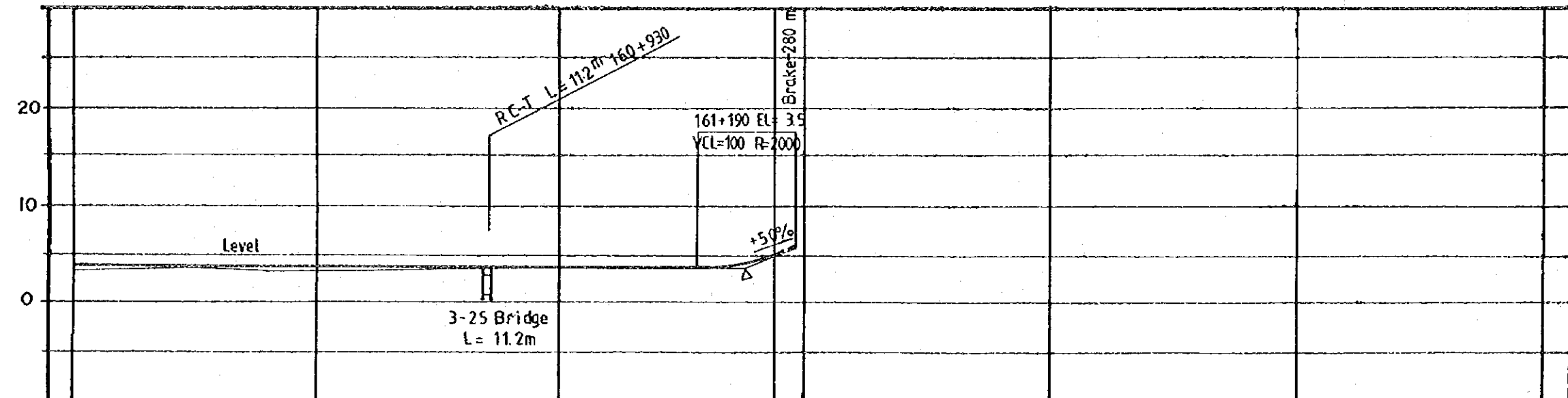
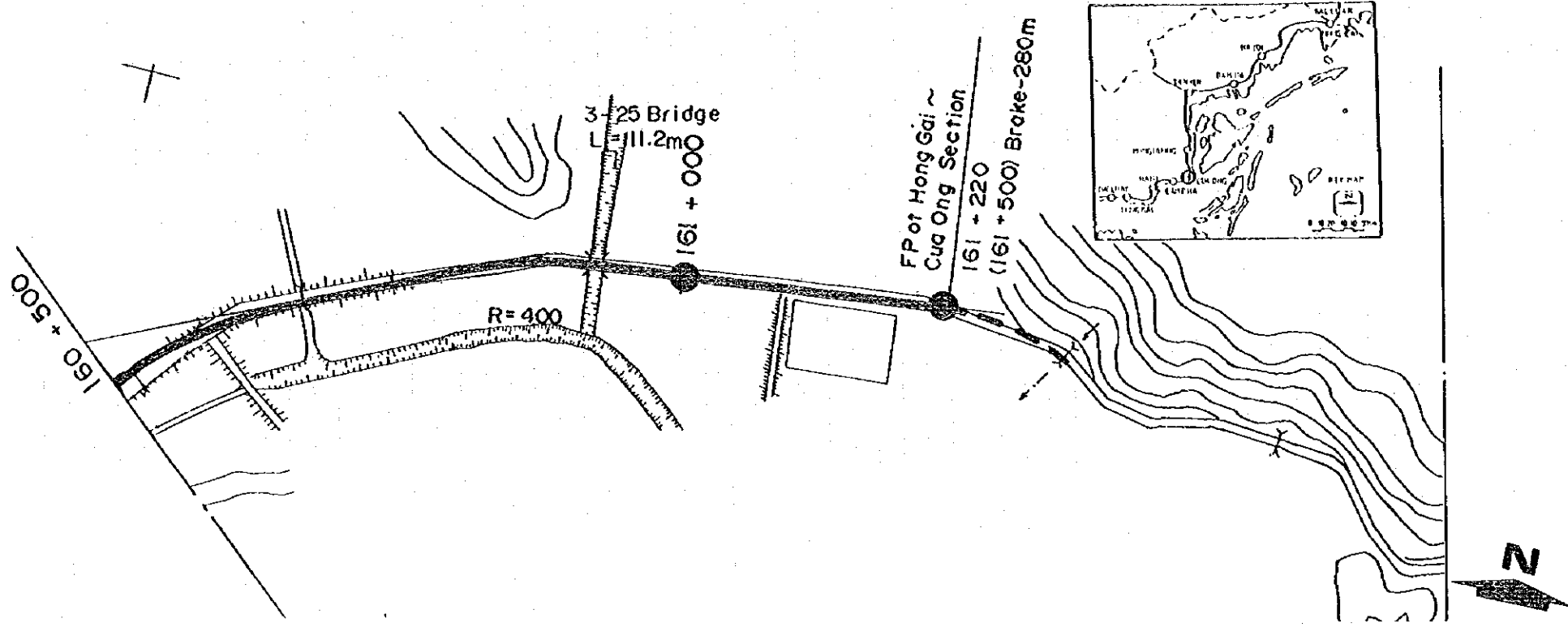
HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION (26)

SCALE HORIZONTAL 1 : 5000
VERTICAL 1 : 500

SHEET NO.
83





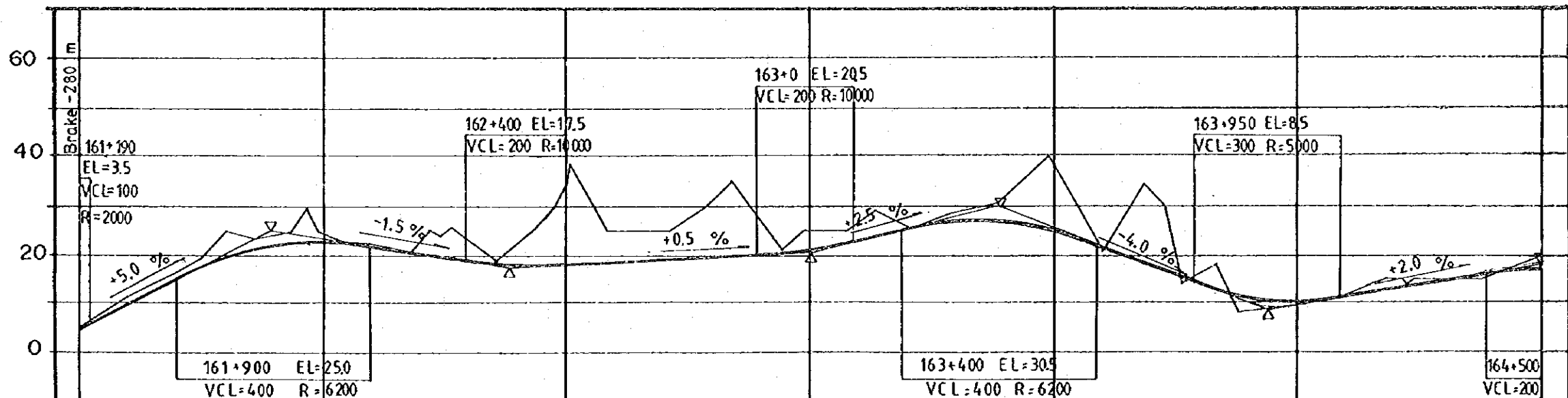
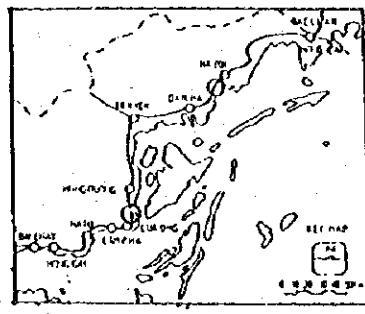
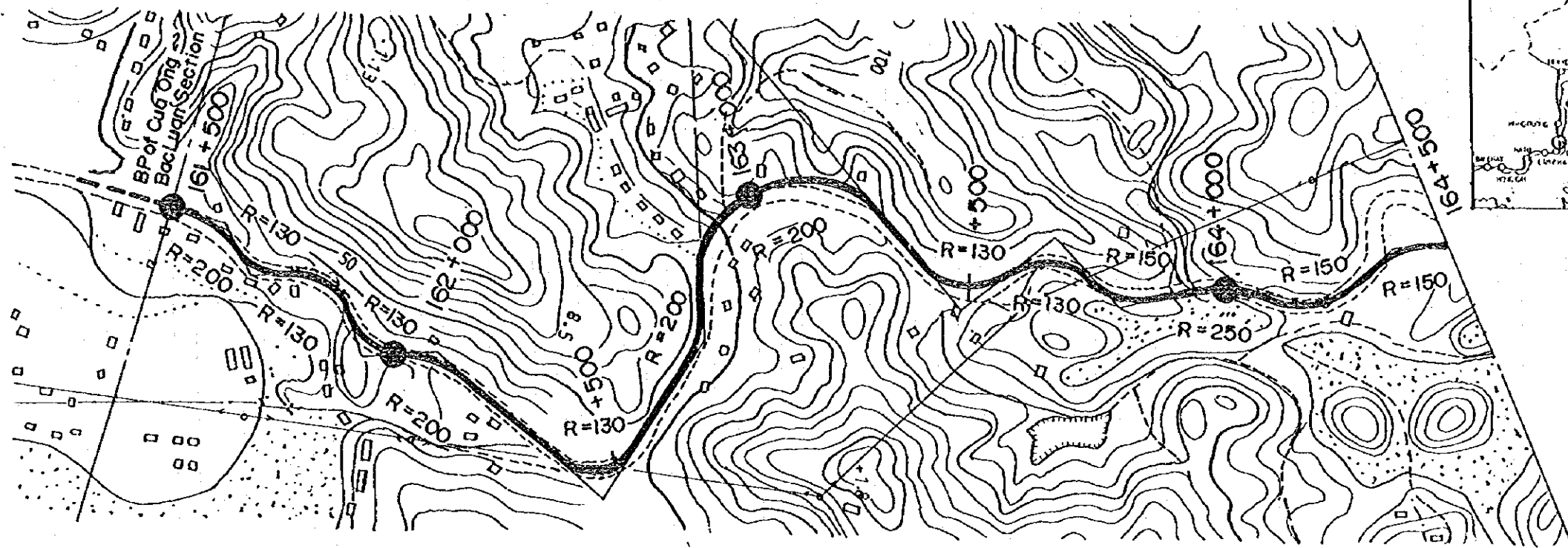
FINISHED GRADE	3.500	3.500	3.500	5.005
GROUND LEVEL	3.0	3.0	3.5	5.0
STATION (Km)	+500	+750	161+000	+220 (-500)

HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF HONG GAI - CUA ONG SECTION, (28).

SCALE HORIZONTAL 1:5000
VERTICAL 1:500

SHEET NO. 85

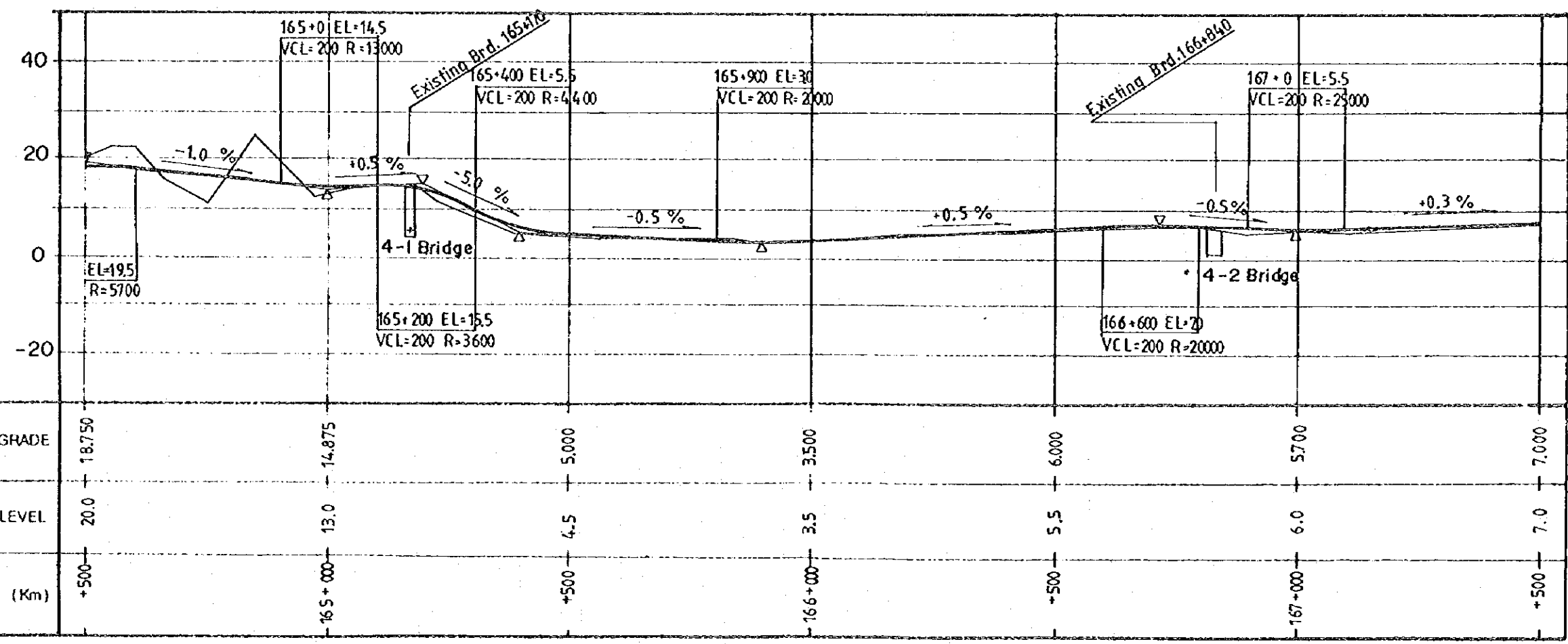
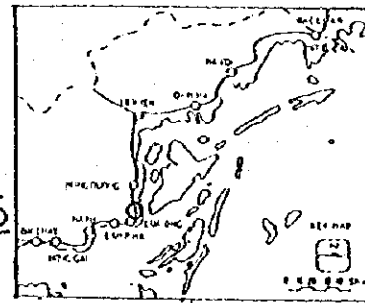
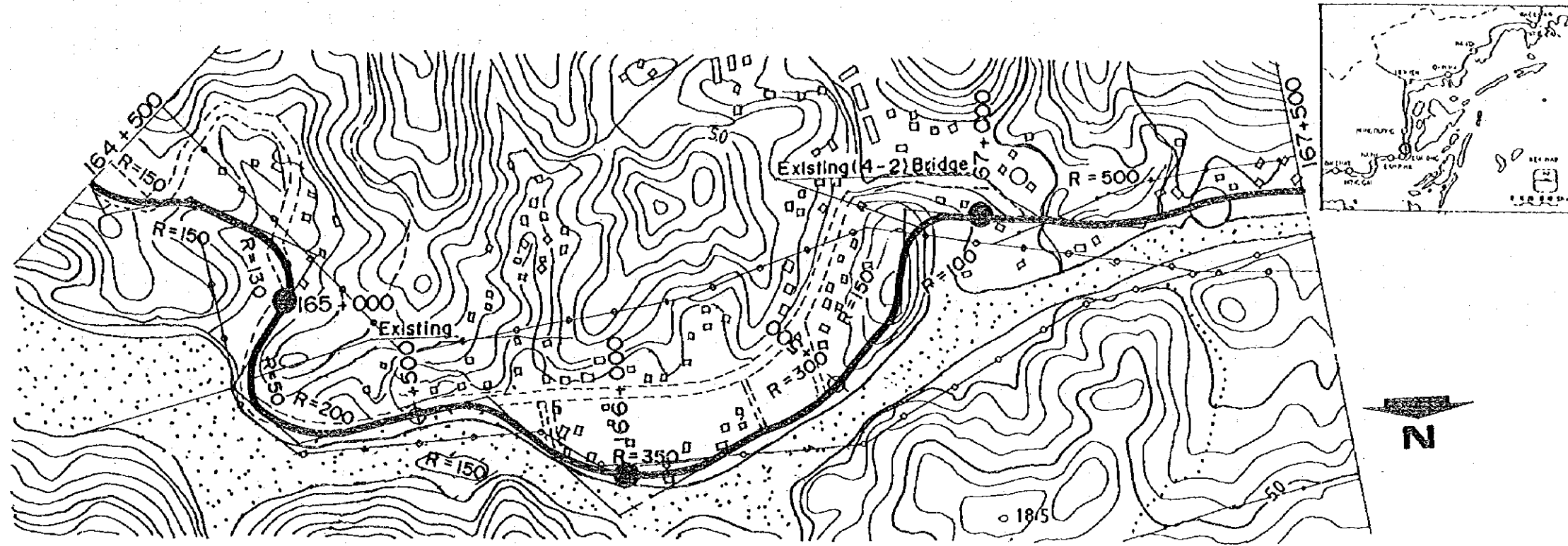


FINISHED GRADE	5.005	22.688	18.000	21.000	25.688	10.500	18.750
GROUND LEVEL	5.0	24.5	34.0	25.0	38.0	9.5	20.0
STATION (Km)	161+500	162+000	+500	163+000	+500	164+000	+500

HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF CUA ONG - BAC LUAN SECTION (1)
(CUA ONG - TIEN YEN SECTION - 1)

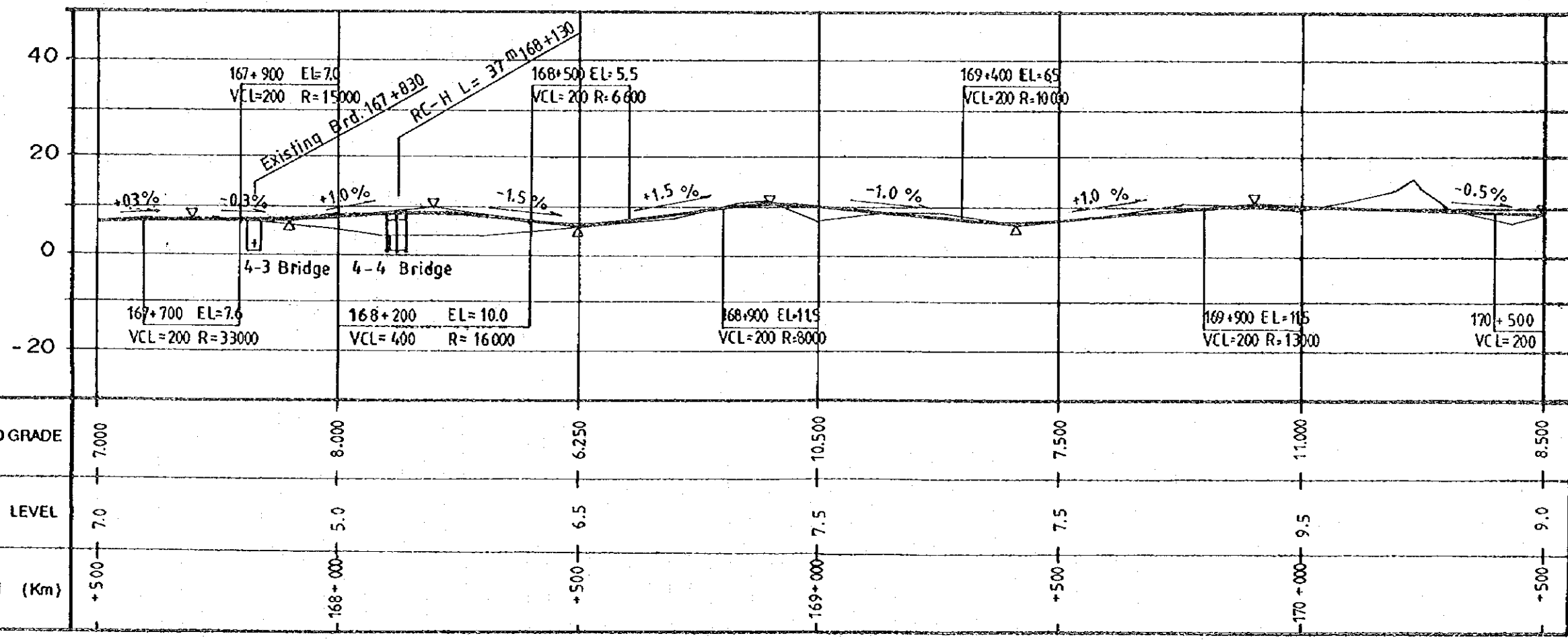
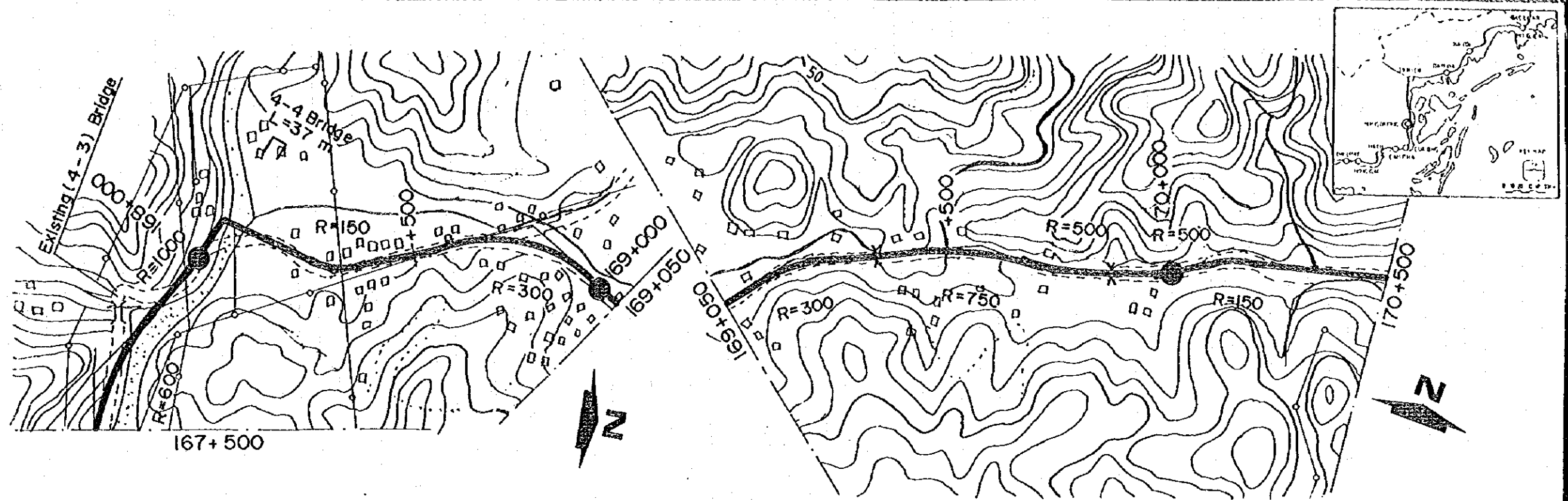
SCALE HORIZONTAL 1:10000 SHEET NO. 86
VERTICAL 1:1000



HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF CUA ONG - BAC LUAN SECTION (2)
(CUA ONG - TIEN YEN SECTION - 2)

SCALE HORIZONTAL 1:10000 SHEET NO. 87
VERTICAL 1:1000

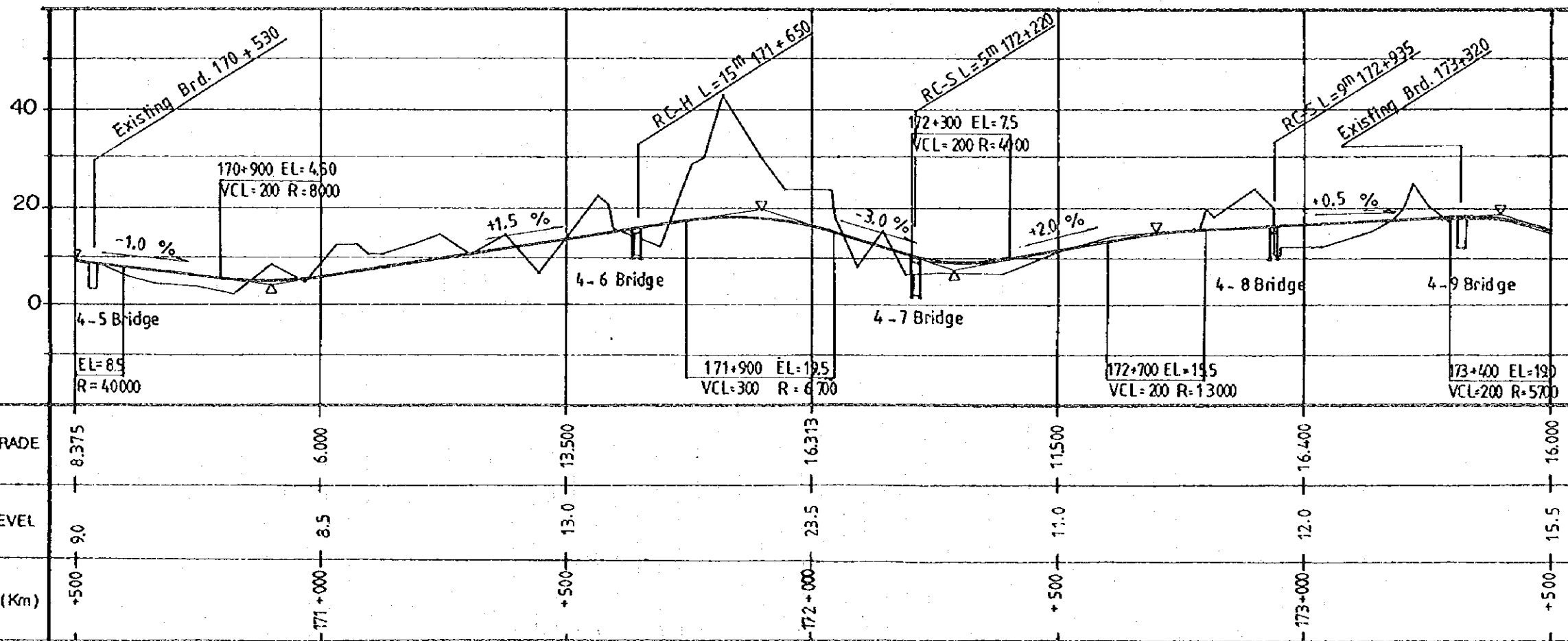
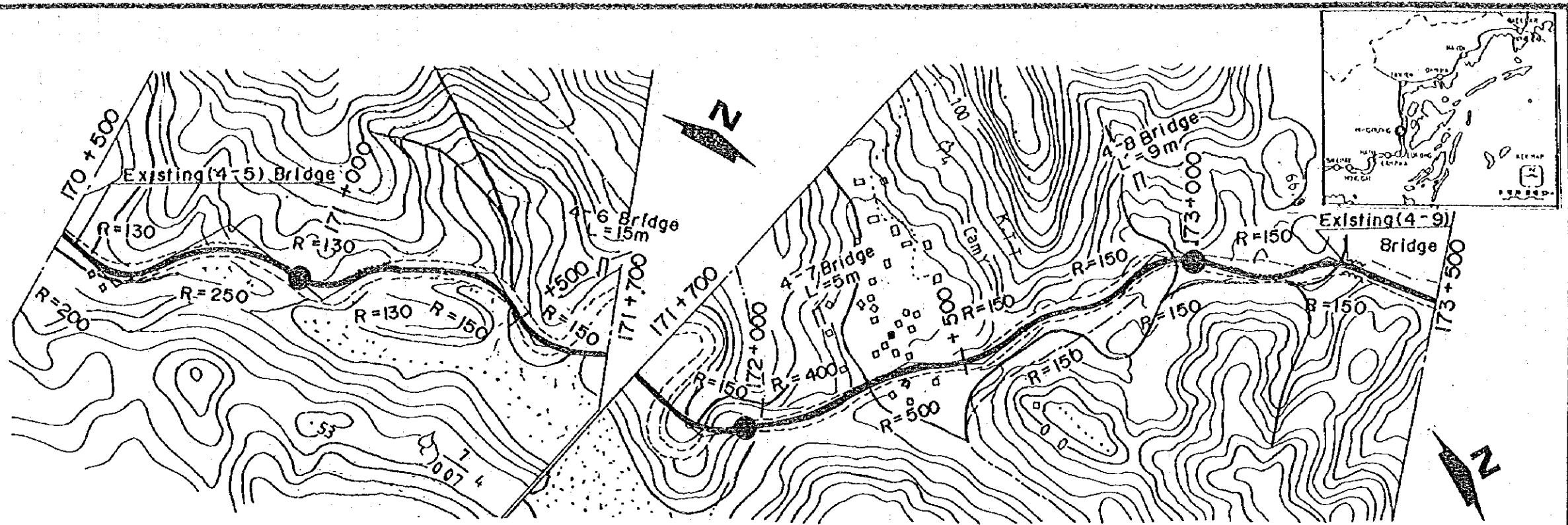


HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF CUA ONG - BAC LUAN SECTION (3)
(CUA ONG - TIEN YEN SECTION - 3)

SCALE
HORIZONTAL 1:10000
VERTICAL 1:1000

SHEET NO.
88



HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF CUA ONG - BAC LUAN SECTION (4)
(CUA ONG - TIEN YEN SECTION -4)

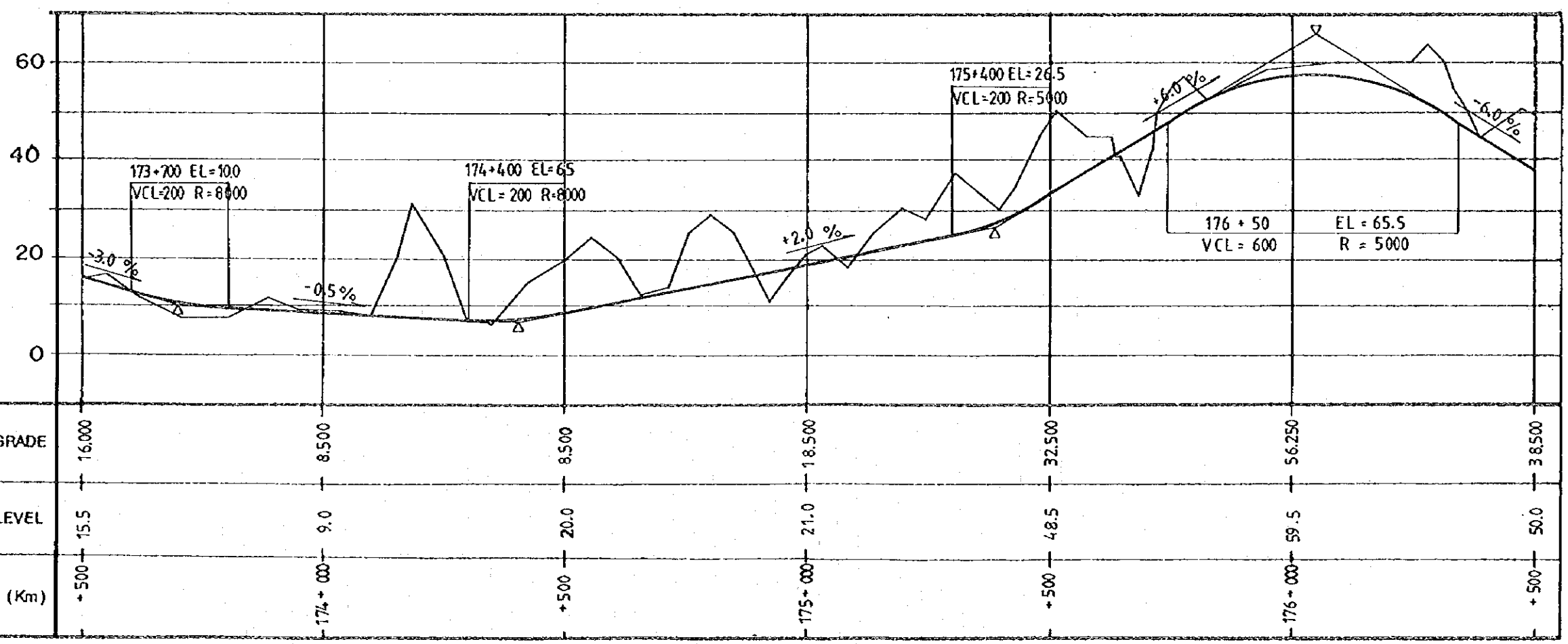
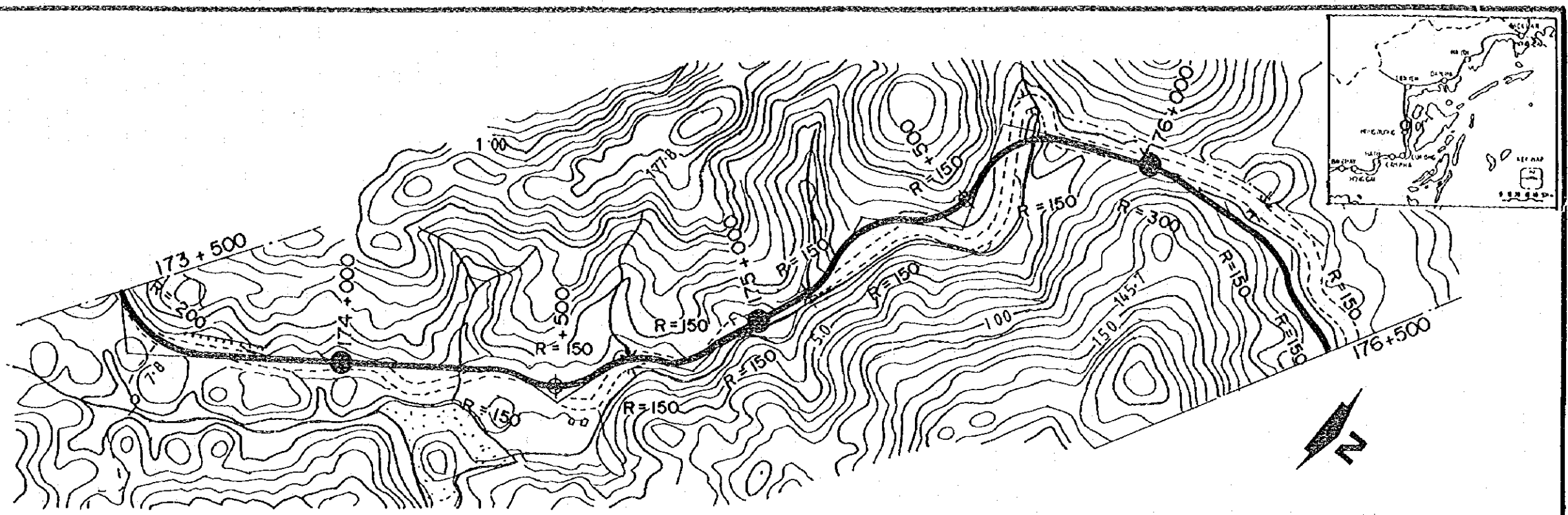
SCALE

HORIZONTAL 1:10000

VERTICAL 1:1000

SHEET NO.

89



HIGHWAY NO.18 IMPROVEMENT

PLAN AND PROFILE OF CUA ONG - BAC LUAN SECTION (5)
(CUA ONG - TIEN YEN SECTION - 5)

SCALE HORIZONTAL 1:10000 SHEET NO. 90
VERTICAL 1:1000