

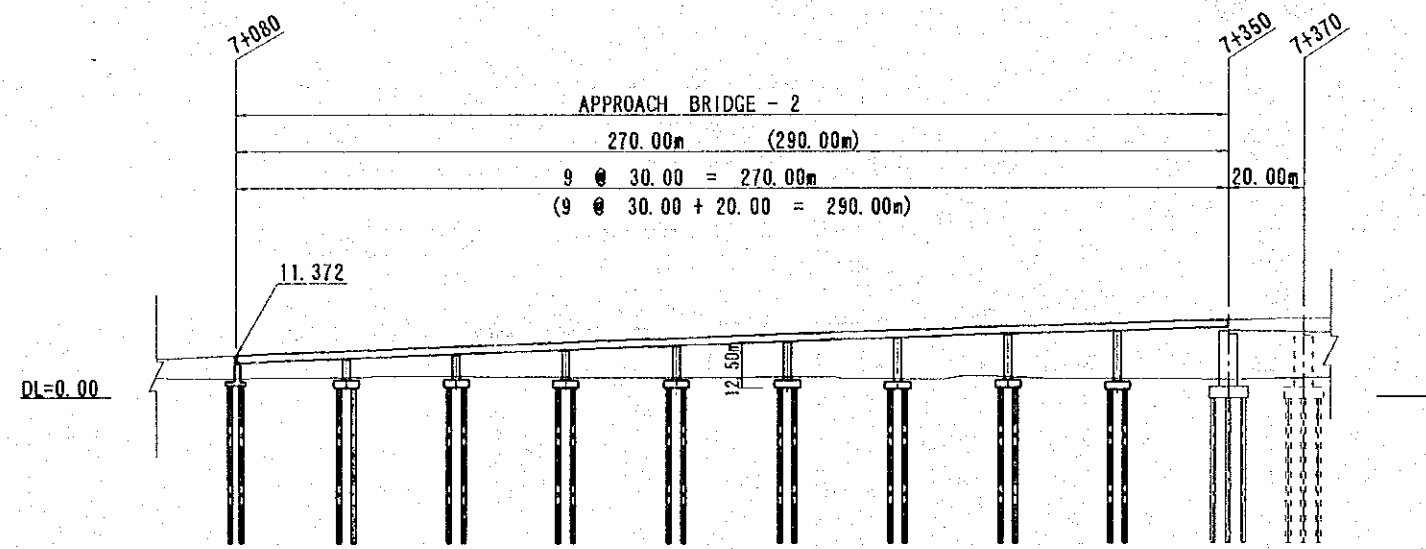
THE FEASIBILITY STUDY ON
 THANH TRI BRIDGE AND THE SOUTHERN SECTION
 OF RING ROAD NO. 3 IN HANOI

Approach Bridge-2 Hanoi-Side Superstructure

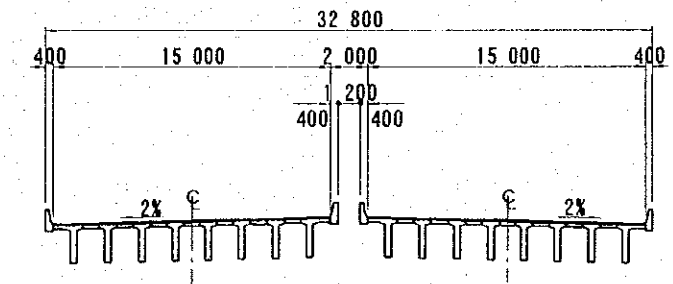
DRW
 NO.

43

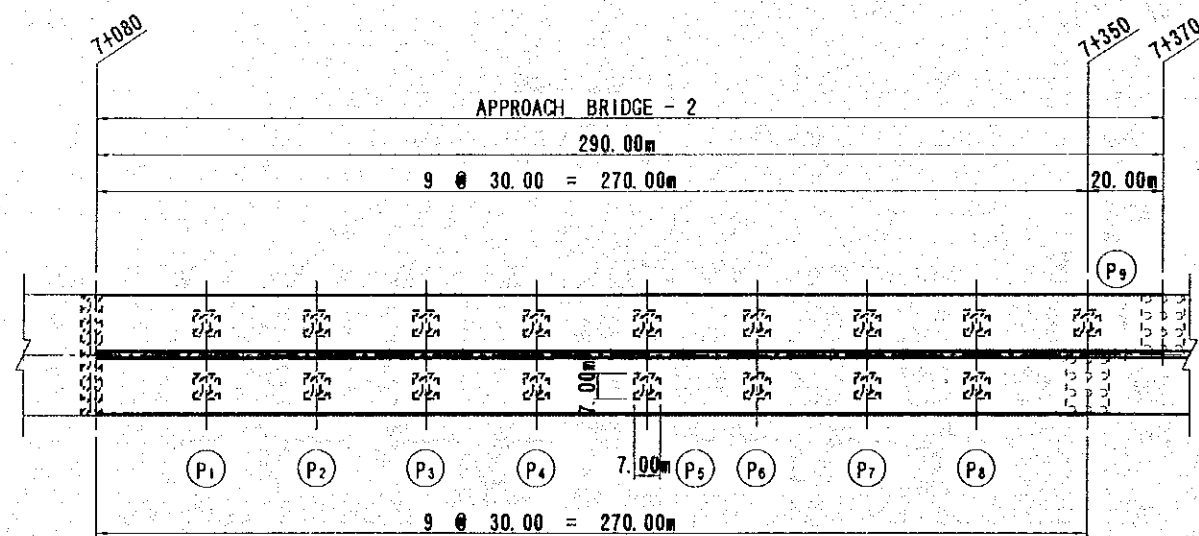
SCALE: 1:2000



PROFILE



CROSS SECTION SCALE: 1:400



PLAN

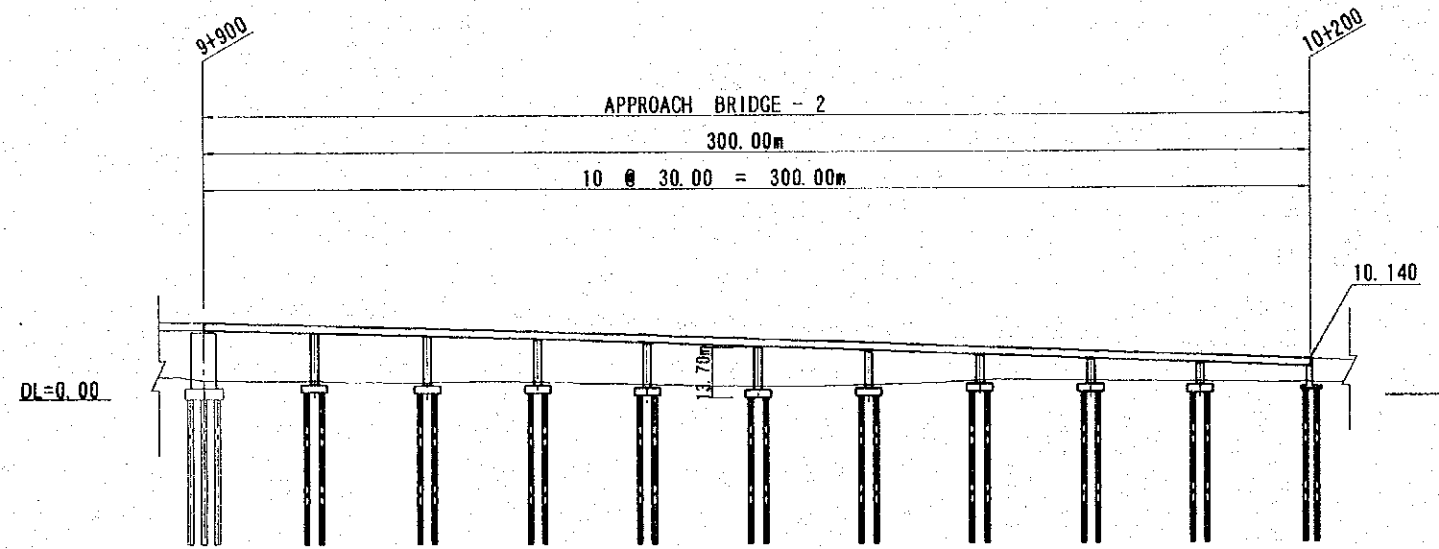
THE FEASIBILITY STUDY ON
 THANH TRI BRIDGE AND THE SOUTHERN SECTION
 OF RING ROAD NO. 3 IN HANOI

Approach Bridge-2
 Gia Lam-Side Superstructure

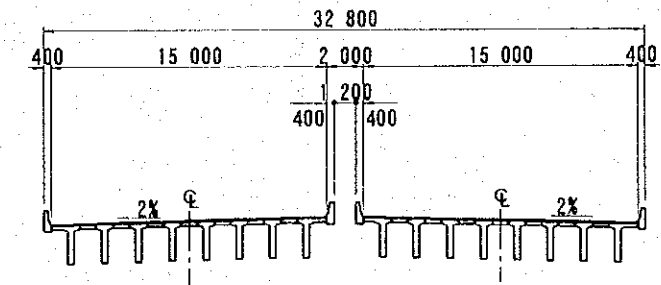
DRW
 NO.

44

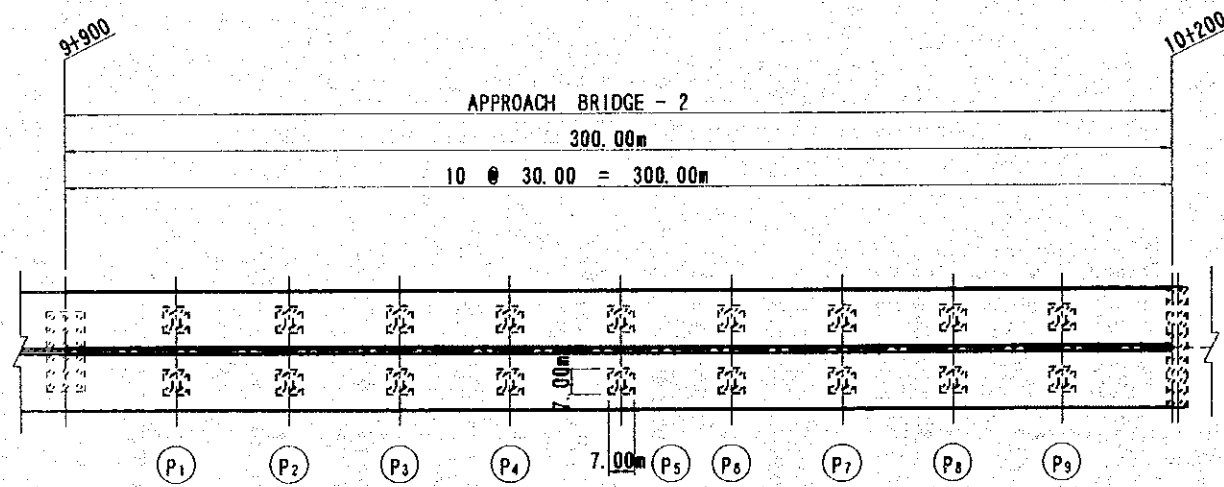
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PROFILE

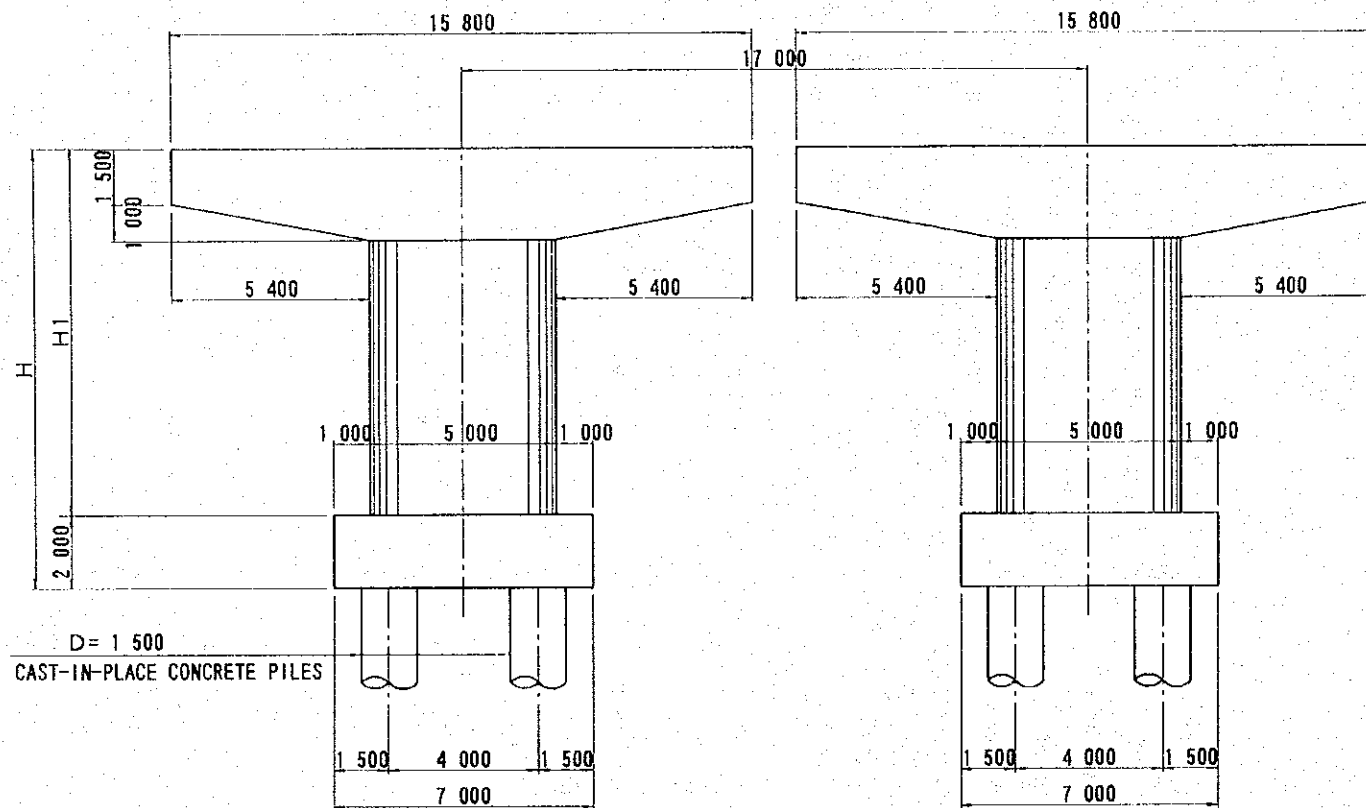


CROSS SECTION SCALE: 1:400

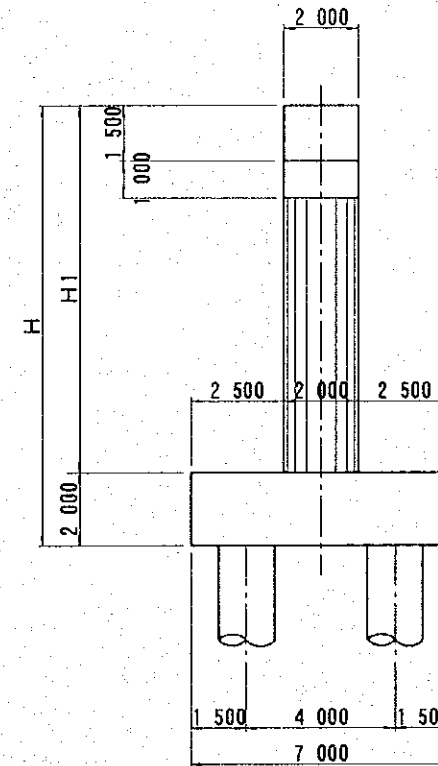


PLAN

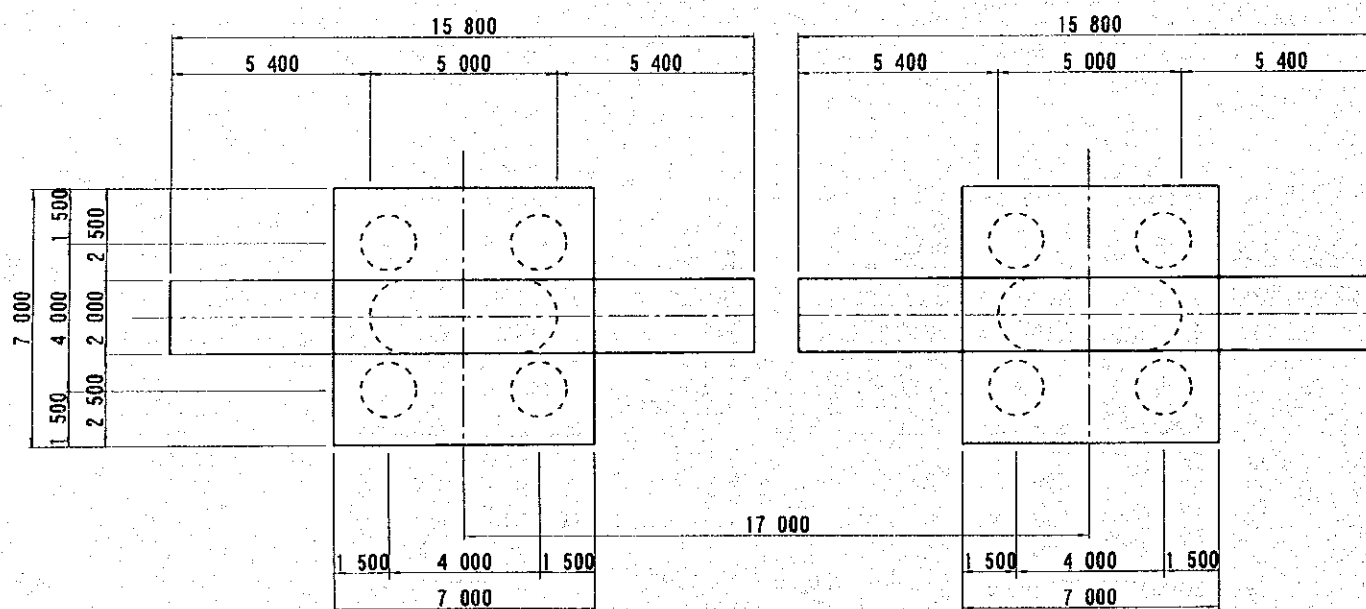
SCALE: 1:200



CROSS SECTION



PROFILE



PLAN

HA NOI-SIDE

	H	H 1
P 1	7,800	5,800
P 2	8,800	6,800
P 3	10,100	8,100
P 4	11,400	9,400
P 5	12,500	10,500
P 6	14,000	12,000
P 7	14,600	12,600
P 8	15,900	13,900
P 9	16,900	14,900

GIR LAM-SIDE

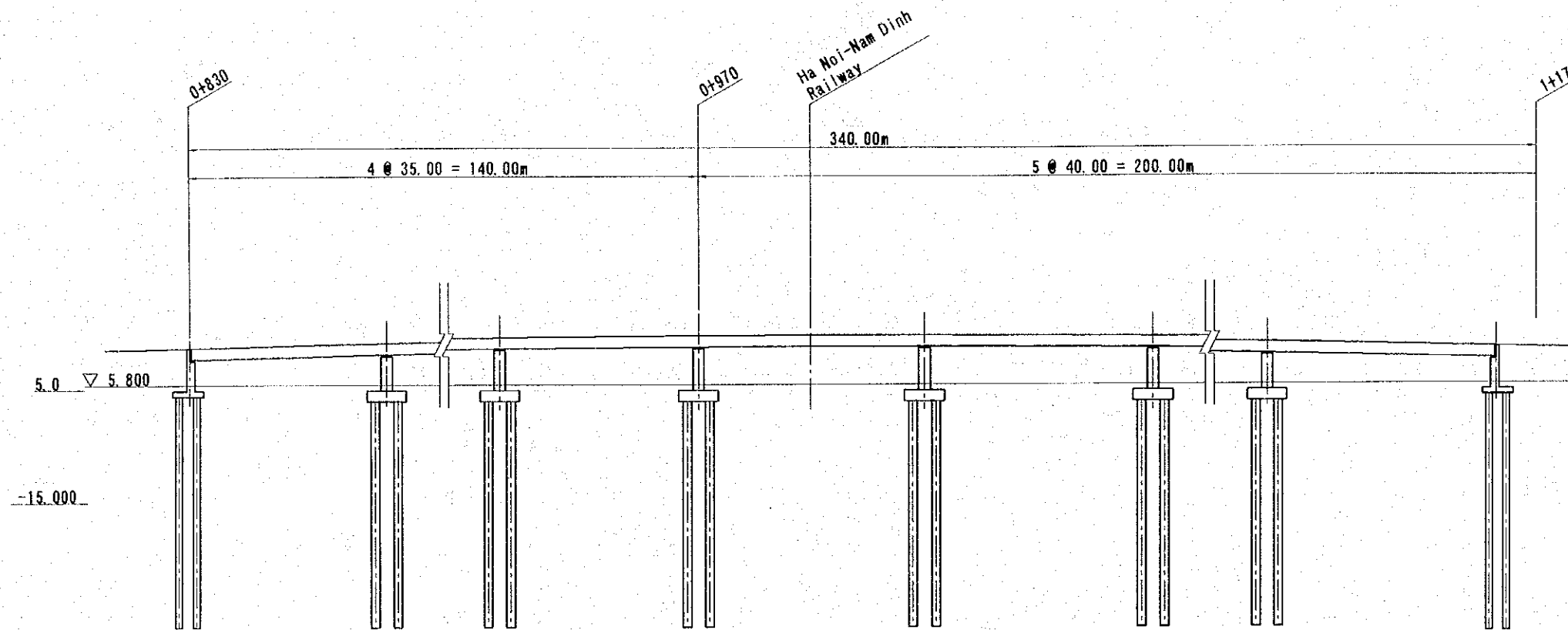
	H	H 1
P 1	16,100	14,100
P 2	15,500	13,500
P 3	14,700	12,700
P 4	14,300	12,300
P 5	13,700	11,700
P 6	12,300	10,300
P 7	10,100	8,100
P 8	8,900	6,900
P 9	8,100	6,100

THE FEASIBILITY STUDY ON
THANH TRI BRIDGE AND THE SOUTHERN SECTION
OF RING ROAD NO.3 IN HANOI

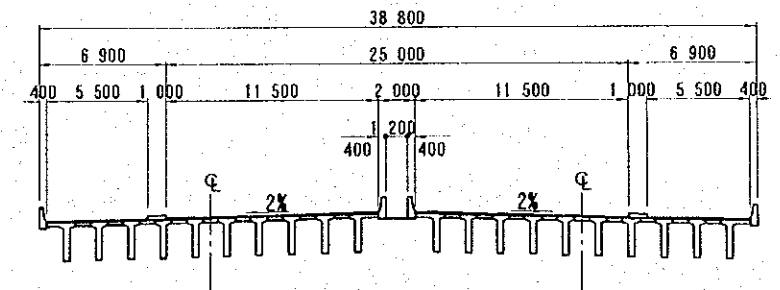
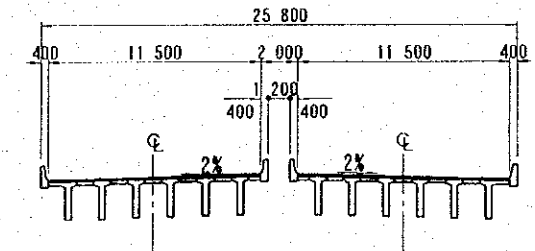
National Highway No. 1 Superstructure

DRW
NO.

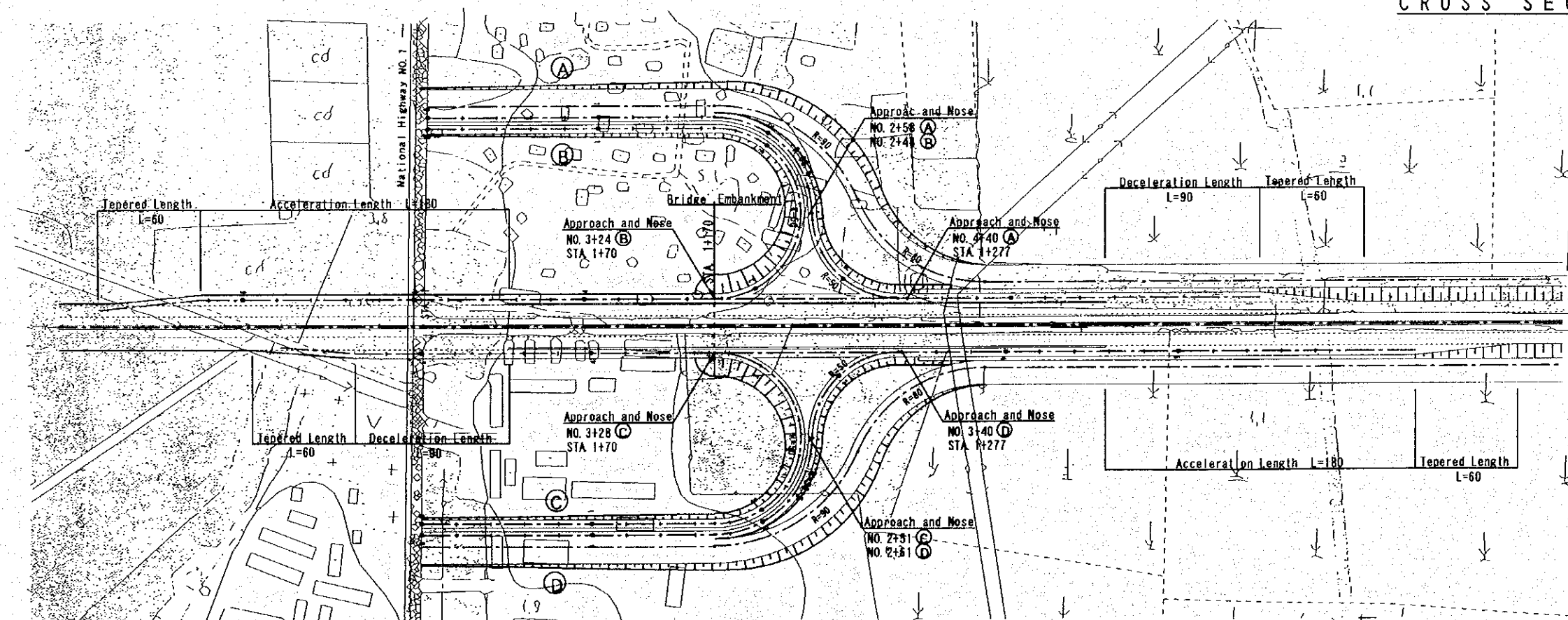
46



PROFILE SCALE: 1:1000



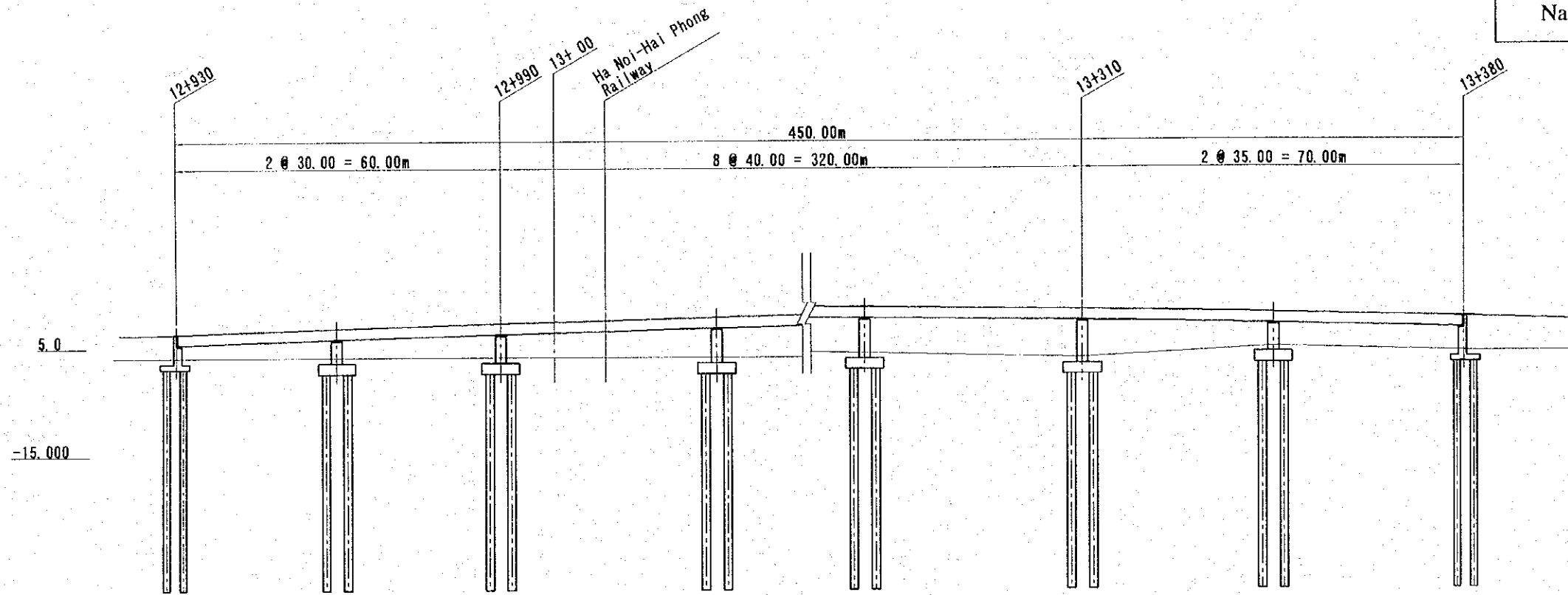
CROSS SECTION SCALE: 1:400



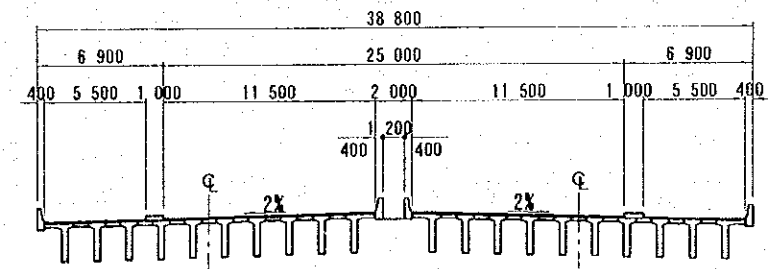
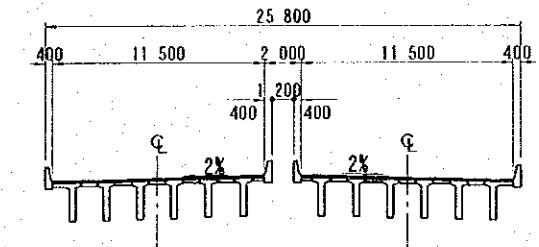
PLAN SCALE: 1:2500

THE FEASIBILITY STUDY ON
 THANH TRI BRIDGE AND THE SOUTHERN SECTION
 OF RING ROAD NO. 3 IN HANOI

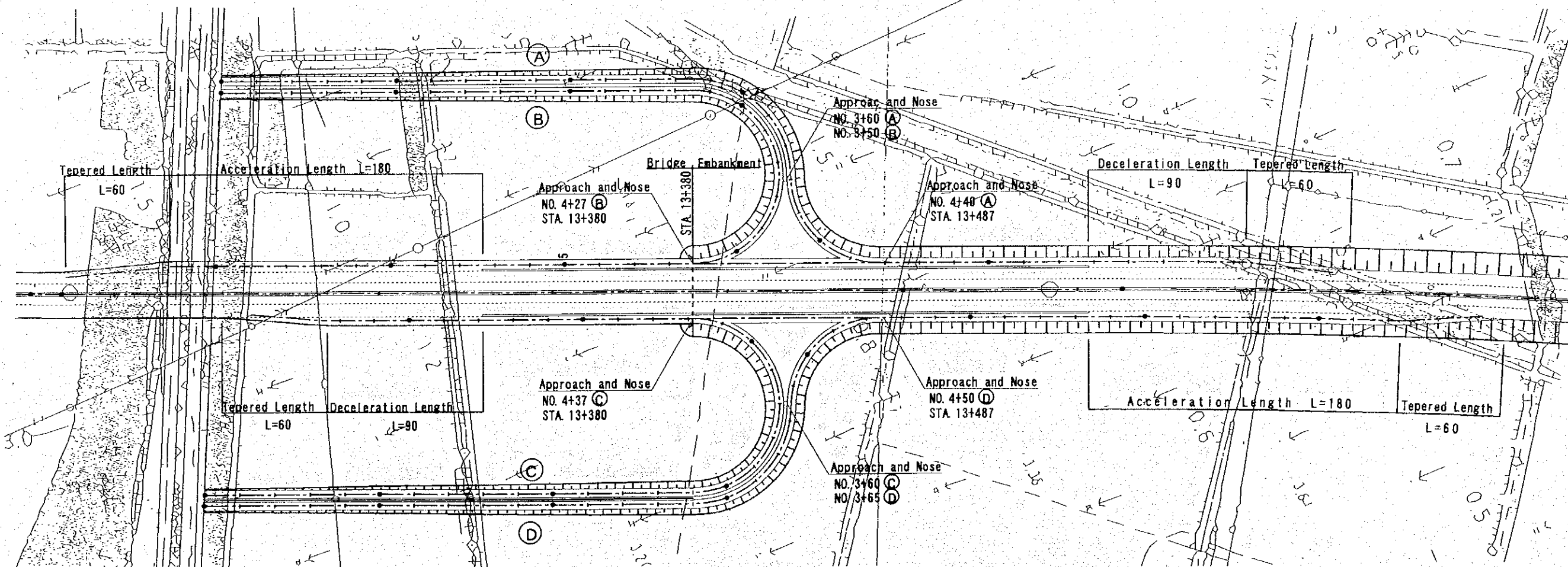
National Highway No. 5 Superstructure DRW NO. 47



PROFILE SCALE: 1:1000

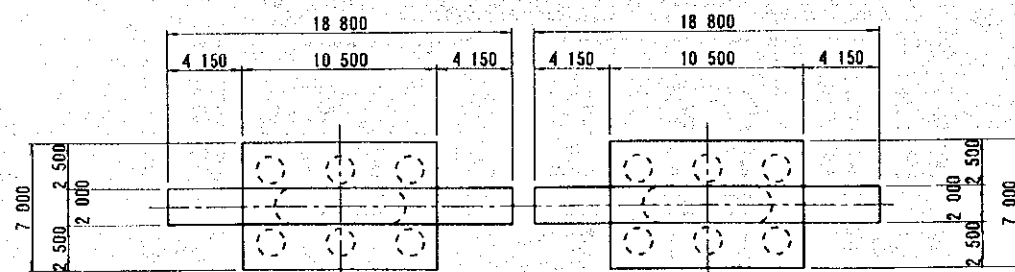
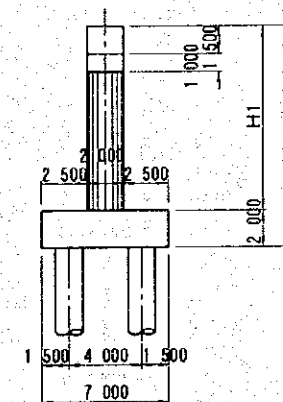
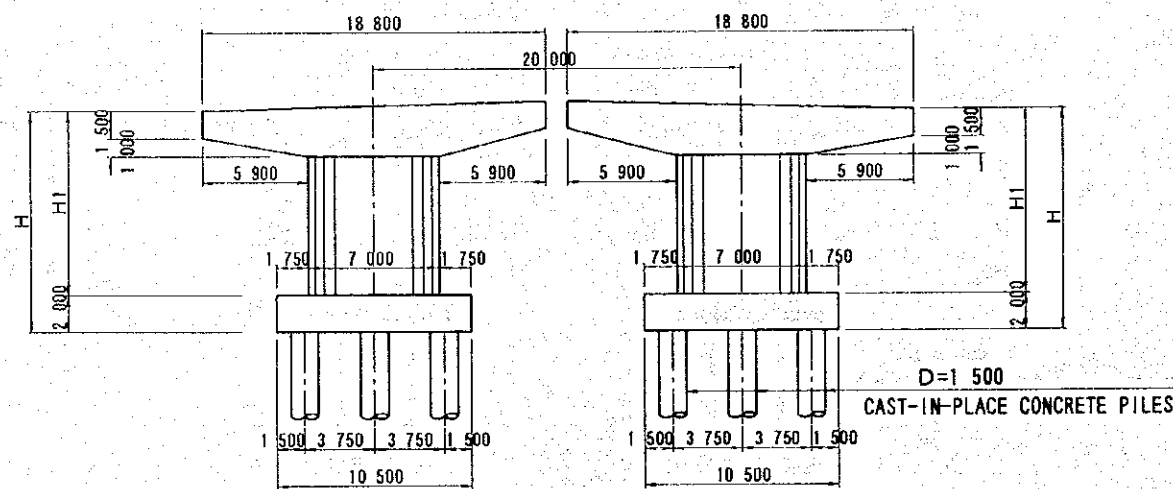
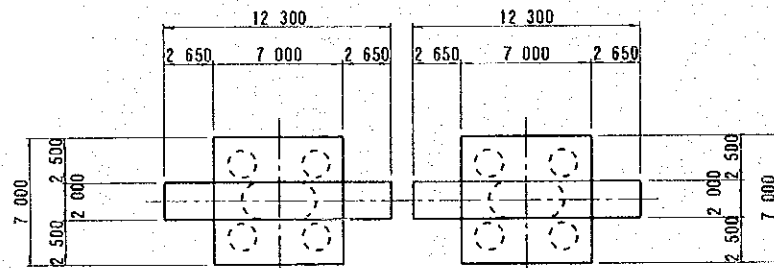
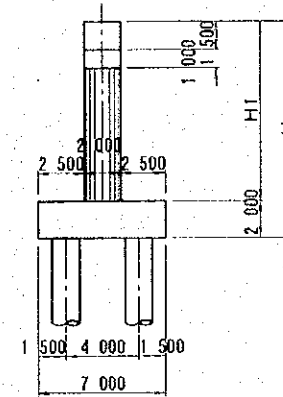
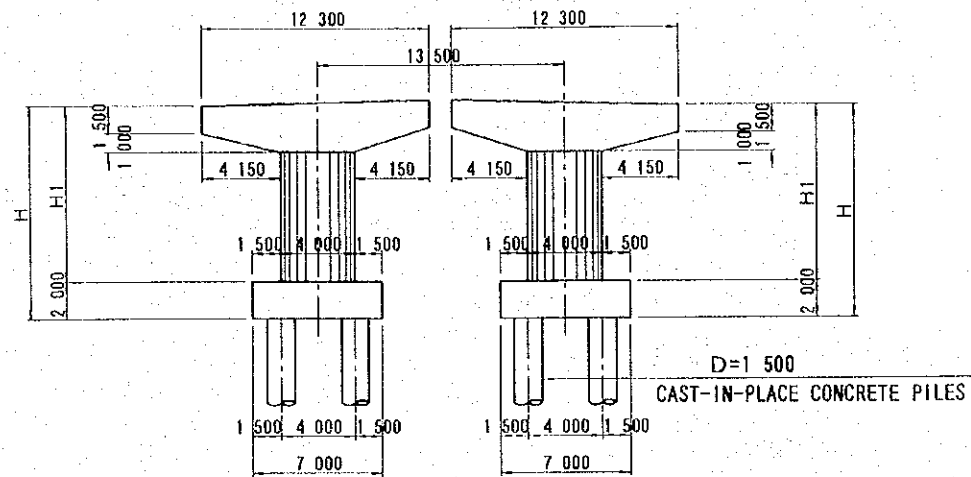


CROSS SECTION SCALE: 1:400



P L A N SCALE: 1:2500

SCALE: 1:400



NH-1

	H	H1
P 1	8,100	6,100
P 2	8,700	6,700
P 3	9,100	7,100
P 4	9,400	7,400
P 5	9,400	7,400
P 6	9,300	7,300
P 7	8,800	6,800
P 8	8,200	6,200

NH-5

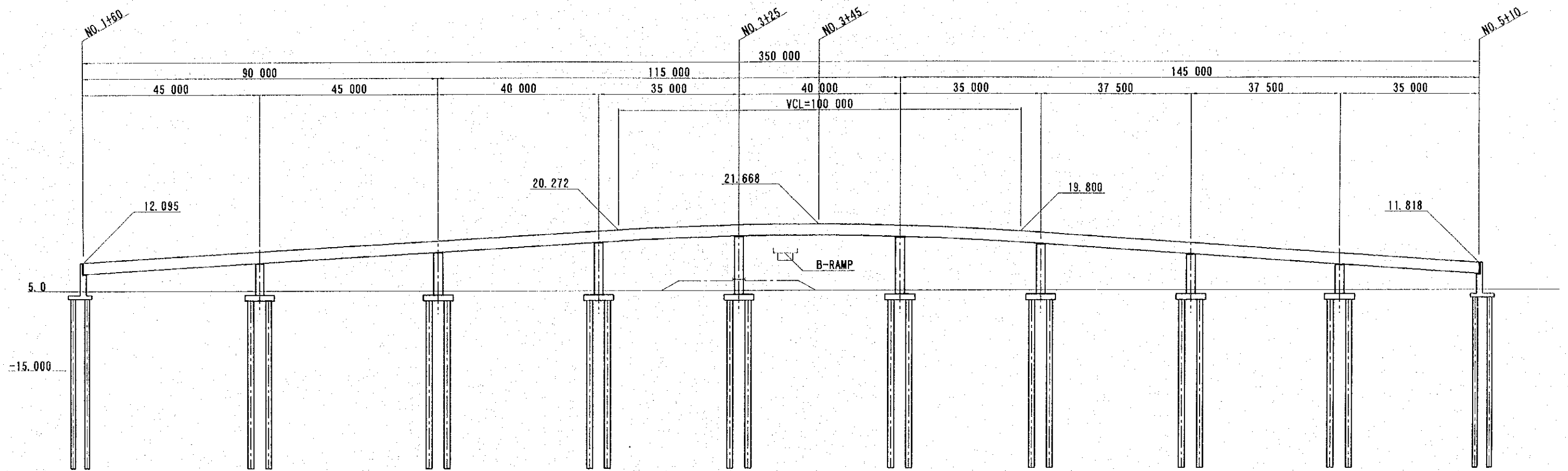
	H	H1
P 1	10,100	8,100
P 2	11,300	9,300
P 3	12,500	10,500
P 4	13,700	11,700
P 5	15,300	13,300
P 6	16,100	14,100
P 7	17,100	15,100
P 8	17,900	15,900
P 9	16,800	14,800
P 10	16,900	14,900
P 11	7,100	5,100

THE FEASIBILITY STUDY ON
THANH TRI BRIDGE AND THE SOUTHERN SECTION
OF RING ROAD NO. 3 IN HANOI

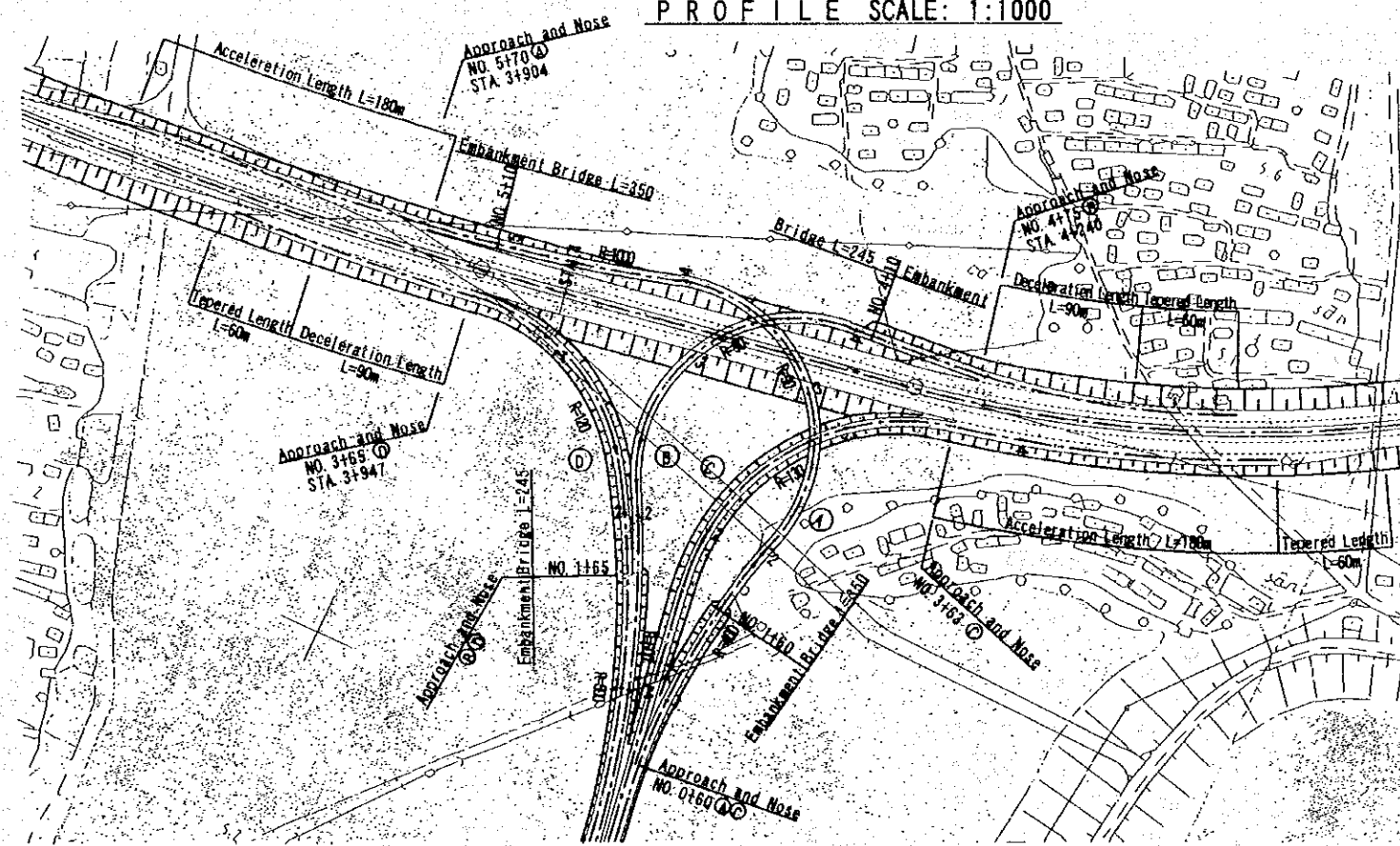
New National Highway No. 1
A-Ramp Superstructure

DRW
NO.

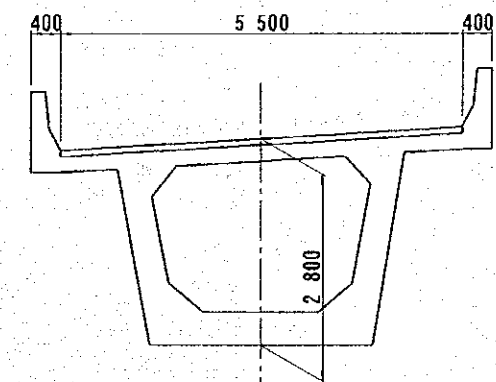
49



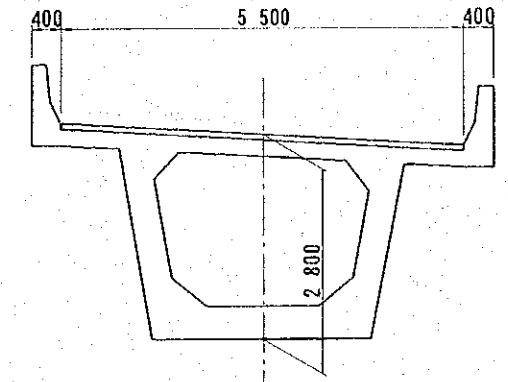
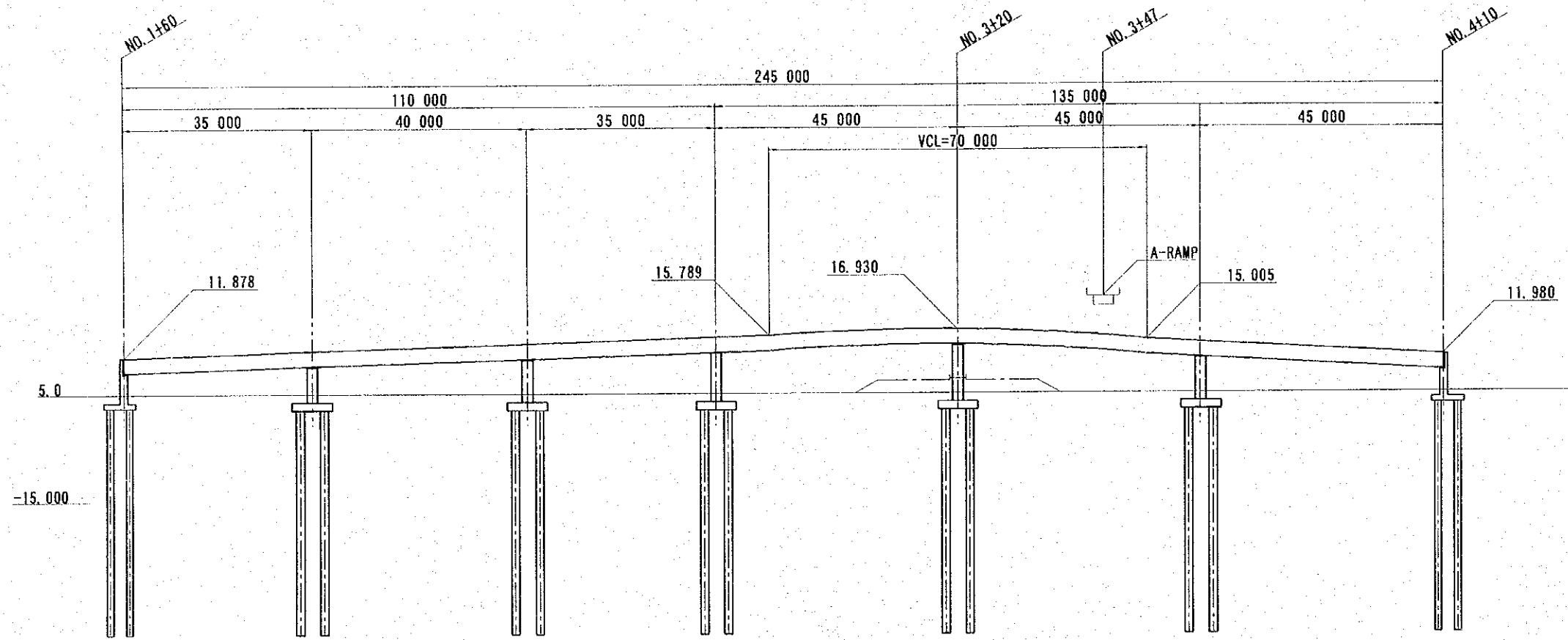
PROFILE SCALE: 1:1000



PLAN SCALE: 1:2500

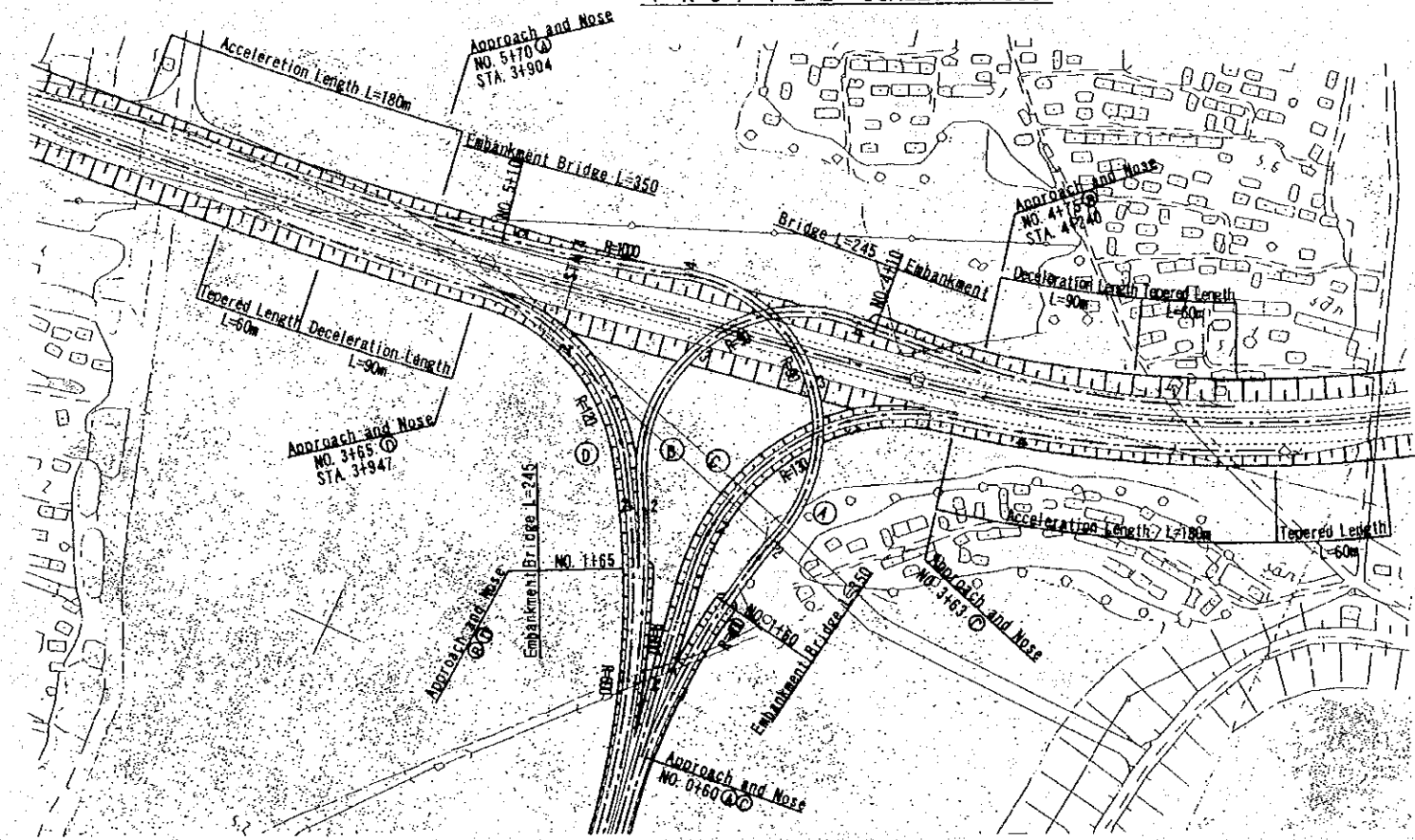


CROSS SECTION SCALE: 1:100



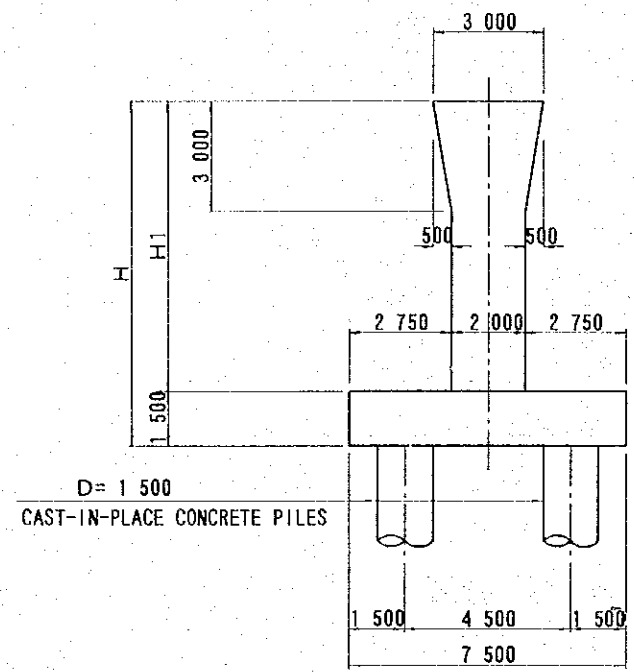
CROSS SECTION SCALE: 1:100

PROFILE SCALE: 1:1000

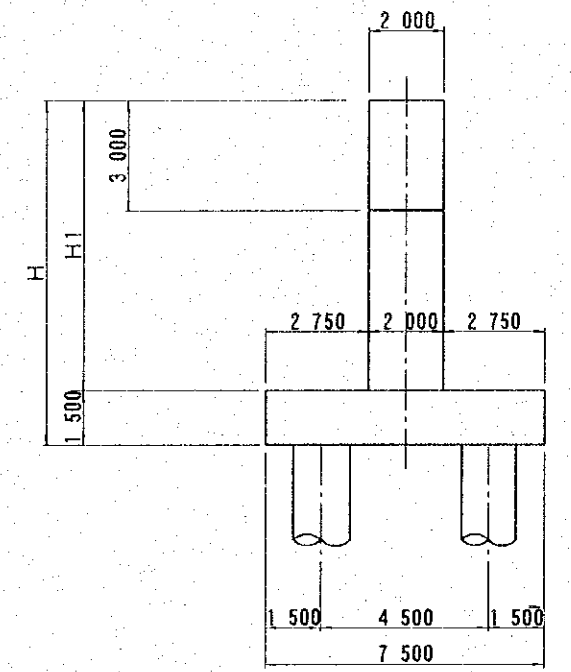


PLAN SCALE: 1:2500

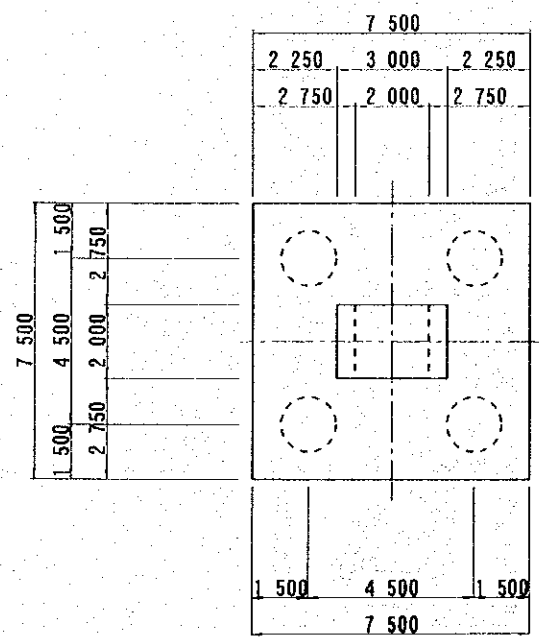
SCALE: 1:200



CROSS SECTION



PROFILE



PLAN

A-RAMP

	H	H 1
P 1	9,400	7,900
P 2	12,100	10,600
P 3	14,500	13,000
P 4	16,100	14,600
P 5	15,900	14,400
P 6	14,000	12,500
P 7	11,400	9,900
P 8	8,700	7,200

B-RAMP

	H	H 1
P 1	7,600	6,100
P 2	8,900	7,400
P 3	10,000	8,500
P 4	10,700	9,200
P 5	9,000	7,500

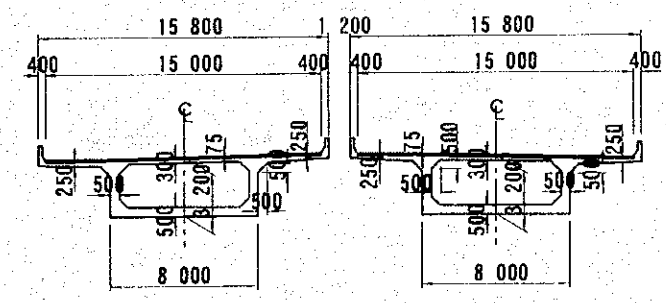
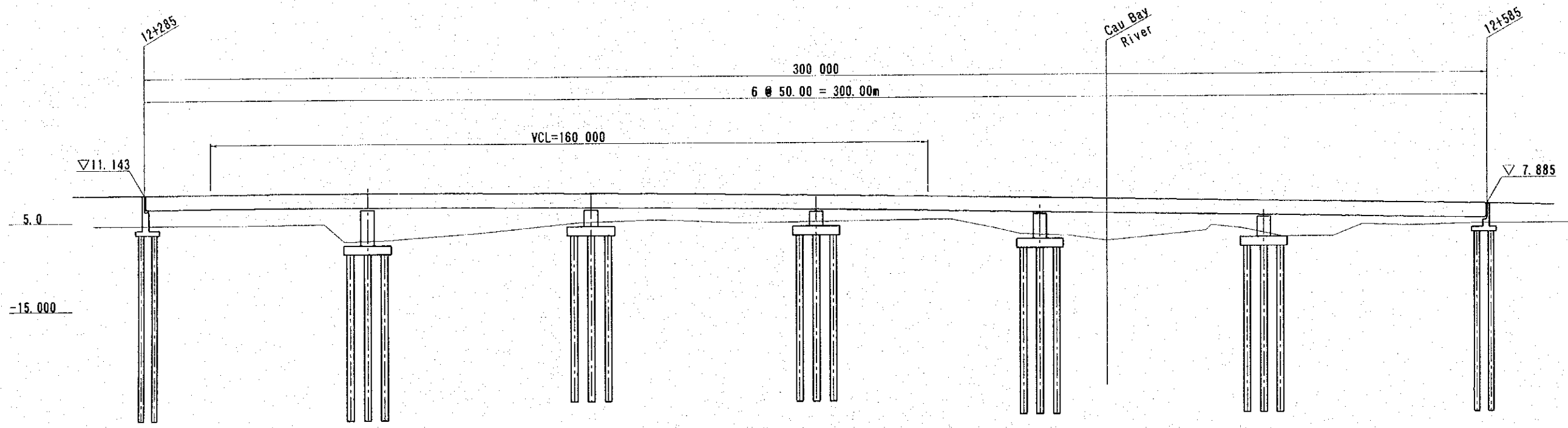
THE FEASIBILITY STUDY ON
 THANH TRI BRIDGE AND THE SOUTHERN SECTION
 OF RING ROAD NO. 3 IN HANOI

Flyover Bridge (STA. 12+285 - STA. 12+585)
 Superstructure

DRW
 NO.

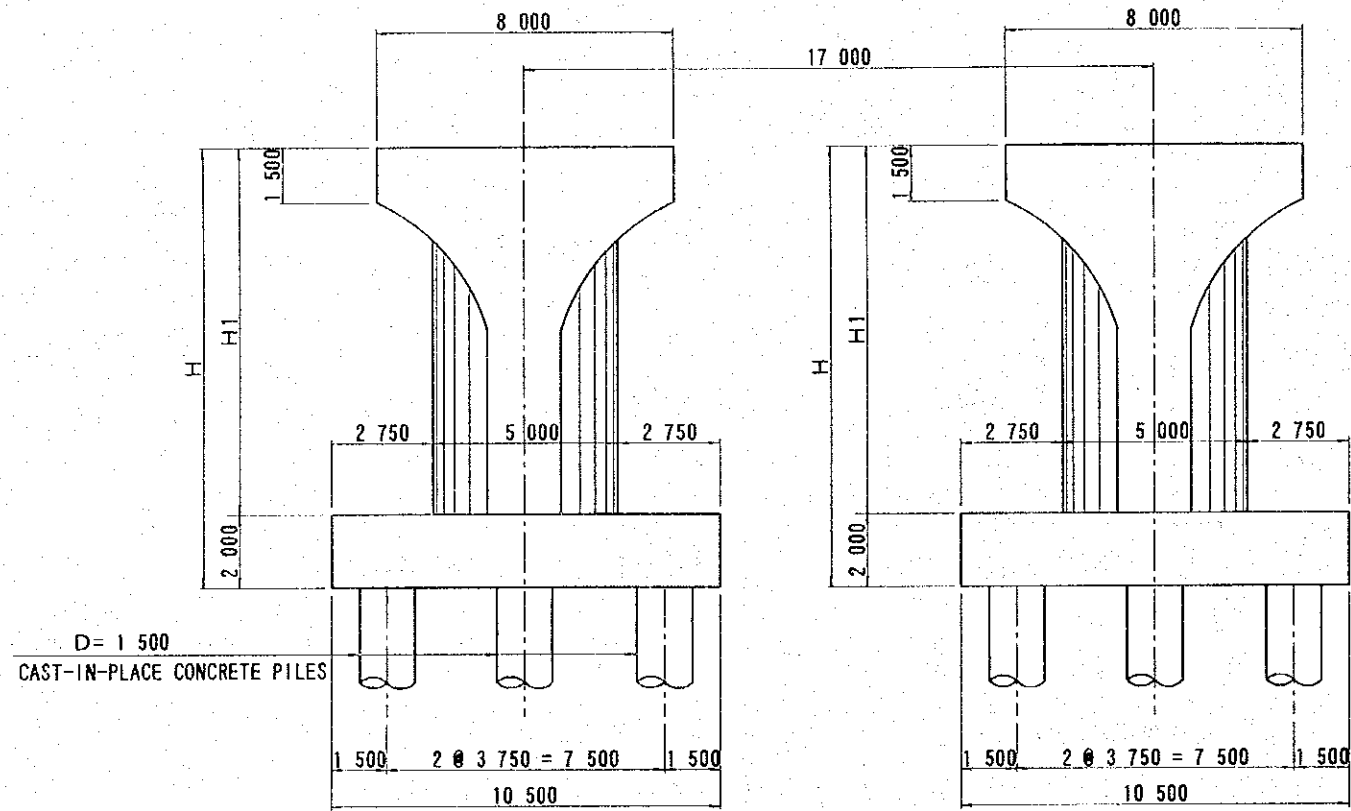
52

SCALE: 1:1000

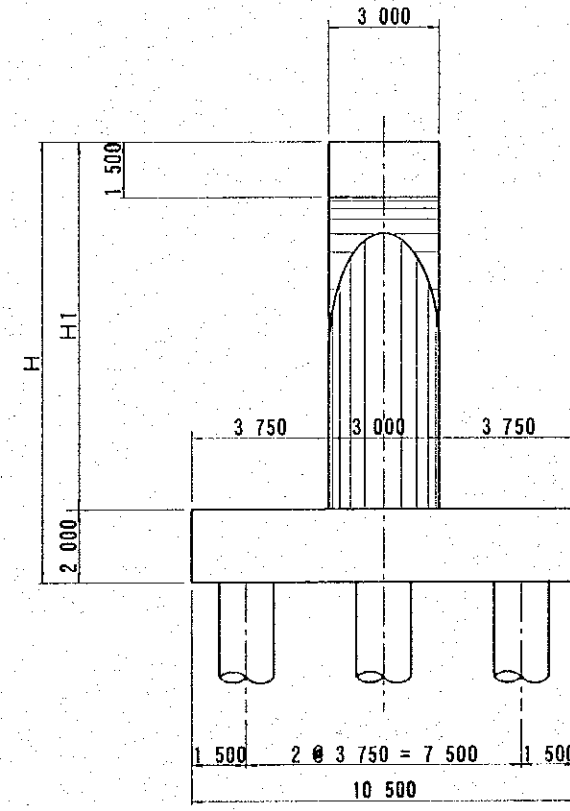


CROSS SECTION SCALE: 1:400

SCALE: 1:200

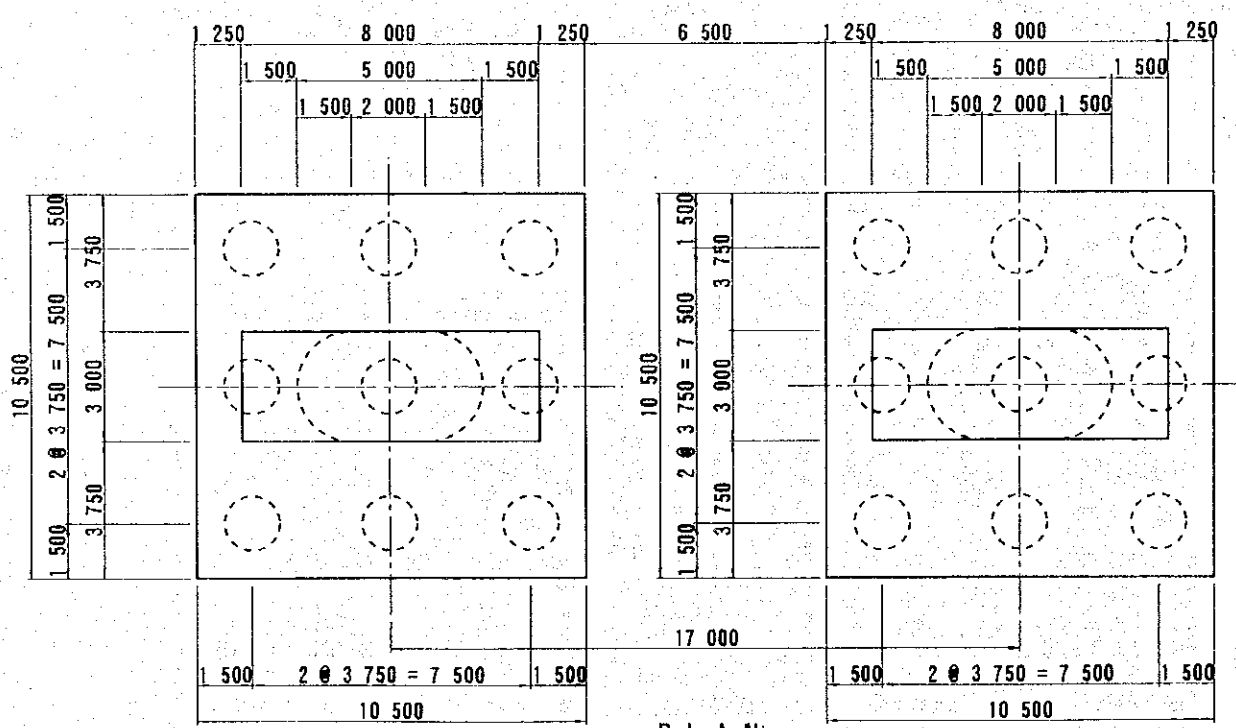


CROSS SECTION



PROFILE

	H	H 1
P 1	10,100	8,100
P 2	5,800	3,800
P 3	5,300	3,300
P 4	7,600	5,600
P 5	6,500	4,500



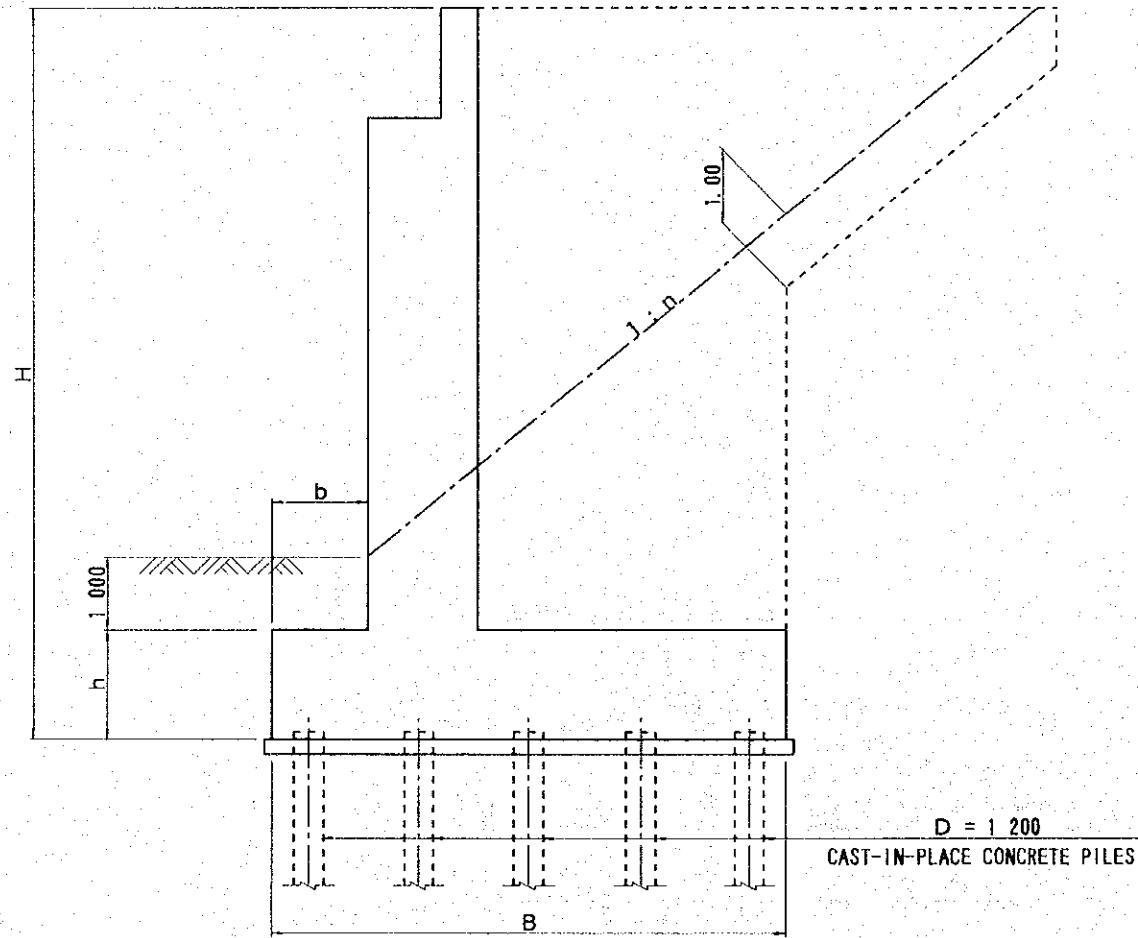
PLAN

THE FEASIBILITY STUDY ON
THANH TRI BRIDGE AND THE SOUTHERN SECTION
OF RING ROAD NO. 3 IN HANOI

ABUTMENT

DRW
NO.

54



MAIN

	H (m)	h (m)	B (m)	b (m)
A 1	8.200	1.000	5.500	1.500
A 2	8.500	1.000	5.500	1.500

NH-1

	H (m)	h (m)	B (m)	b (m)
A 1	8.600	1.000	5.500	1.500
A 2	8.600	1.000	5.500	1.500

N-NH-1 A-RAMP

	H (m)	h (m)	B (m)	b (m)
A 1	9.100	1.000	6.000	1.500
A 2	8.900	1.000	6.000	1.500

N-NH-1 B-RAMP

	H (m)	h (m)	B (m)	b (m)
A 1	8.900	1.000	6.000	1.500
A 2	9.000	1.000	6.000	1.500

NH-5

	H (m)	h (m)	B (m)	b (m)
A 1	6.500	1.000	5.500	1.500
A 2	8.400	1.000	5.500	1.500

BOX COLVERT

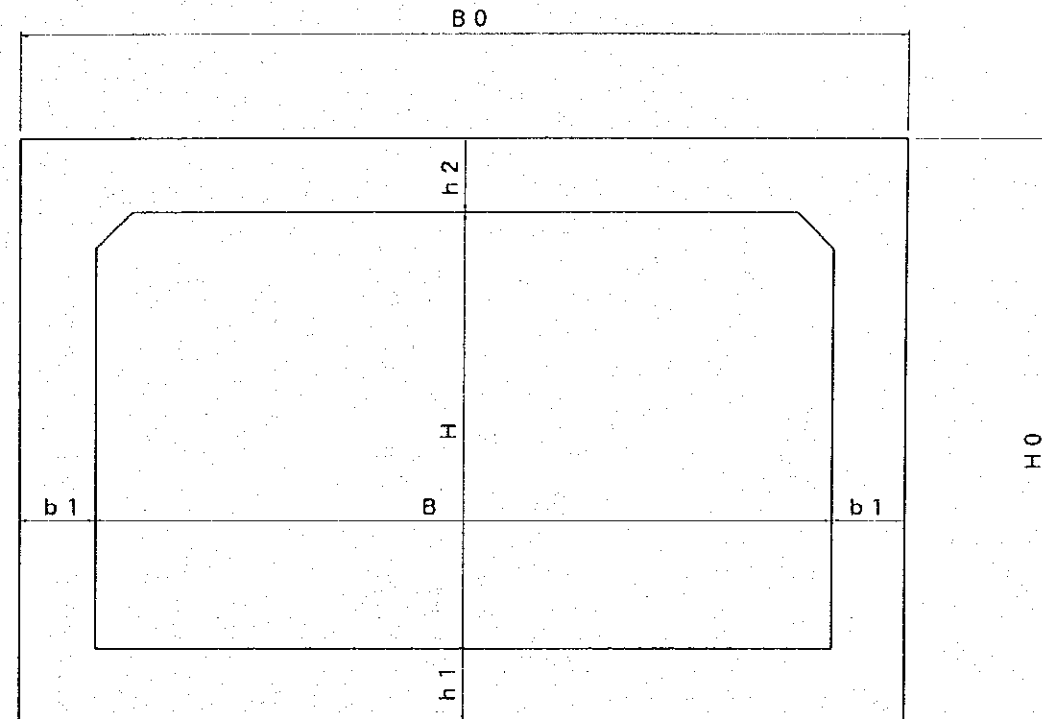
BOX COLVERT

DRW
NO.

55

HA NOI-SIDE

STATION	TYPE	LENGTH	REMARKS
STA. 3+050	A	70 000	CARRIAGEWAY
3+770	A	70 000	Ditto
4+370	A	70 000	Ditto
5+800	A	70 000	Ditto
4+900	B	70 000	SIDEWALK
5+880	B	70 000	Ditto
1+680	C	70 000	WATERWAY
3+050	C	70 000	Ditto
5+815	D	70 000	Ditto
6+315	D	160 000	Ditto



GIR LAM-SIDE

STATION	TYPE	LENGTH	REMARKS
STA. 11+480	A	65 000	CARRIAGEWAY
10+860	B	65 000	SIDEWALK
12+000	B	60 000	Ditto
10+300	C	110 000	WATERWAY
11+470	D	65 000	Ditto
12+750	D	60 000	Ditto

	H	B	h1	h2	b1	H0	B0
TYPE-A	5 000	7 000	900	800	800	6 700	8 600
TYPE-B	3 000	2 000	450	350	350	3 800	2 700
TYPE-C	3 000	3 000	500	400	400	3 900	3 800
TYPE-D	5 000	5 000	700	600	600	6 300	6 200

DIMENSION LIST

JICA