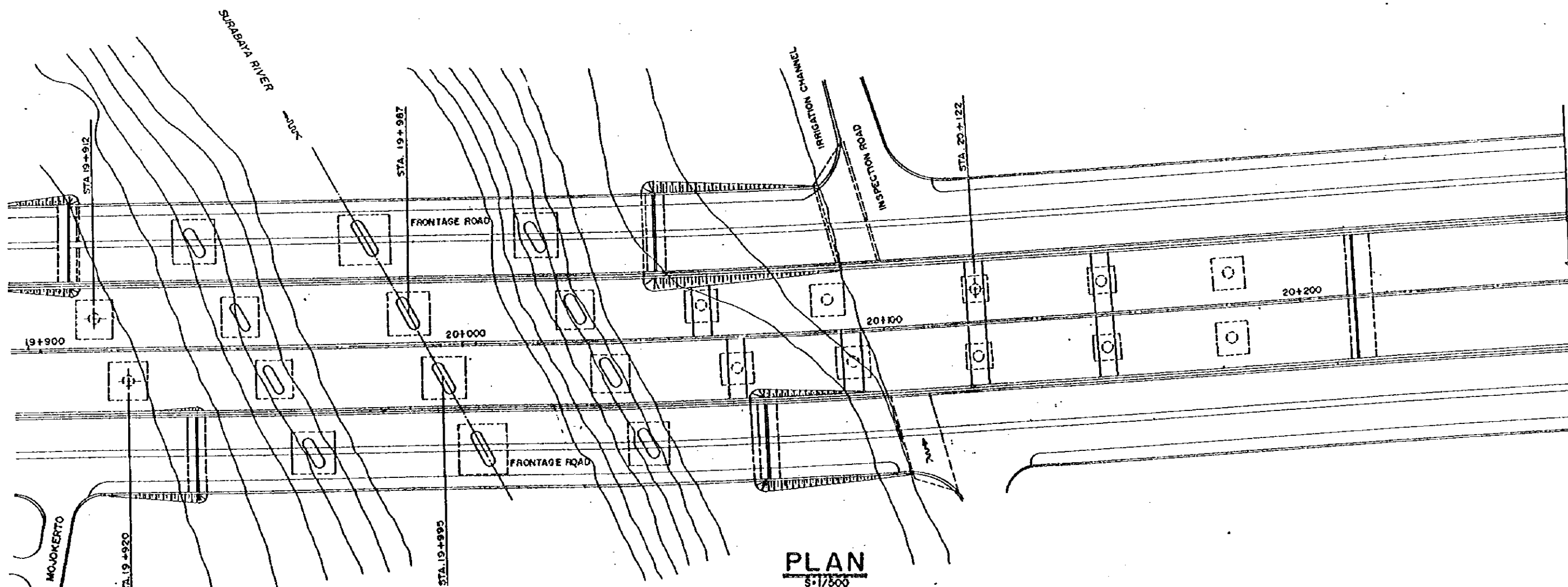
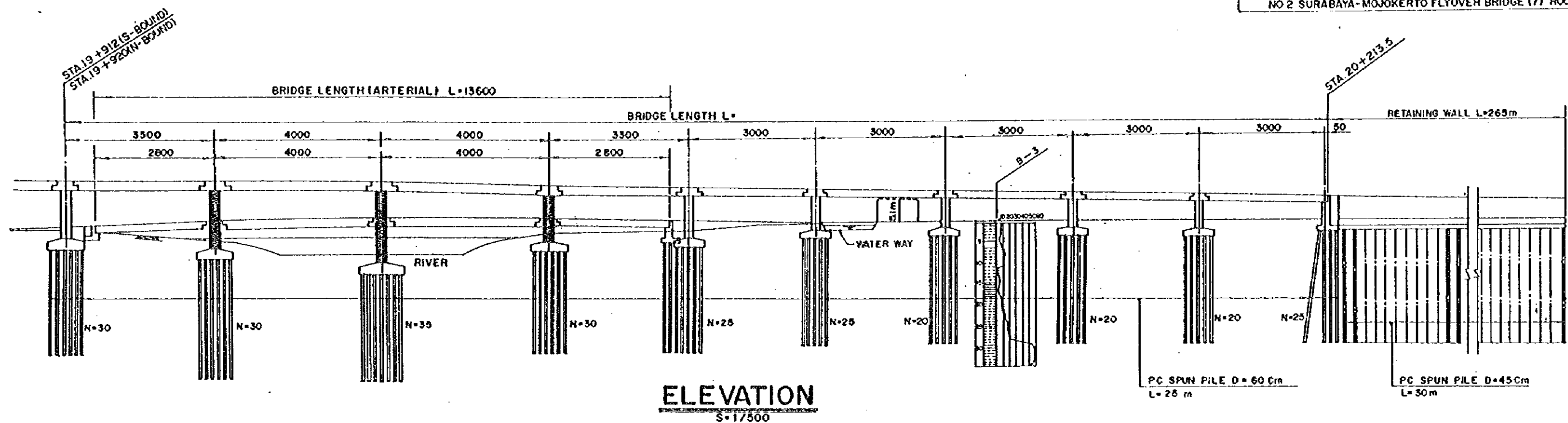
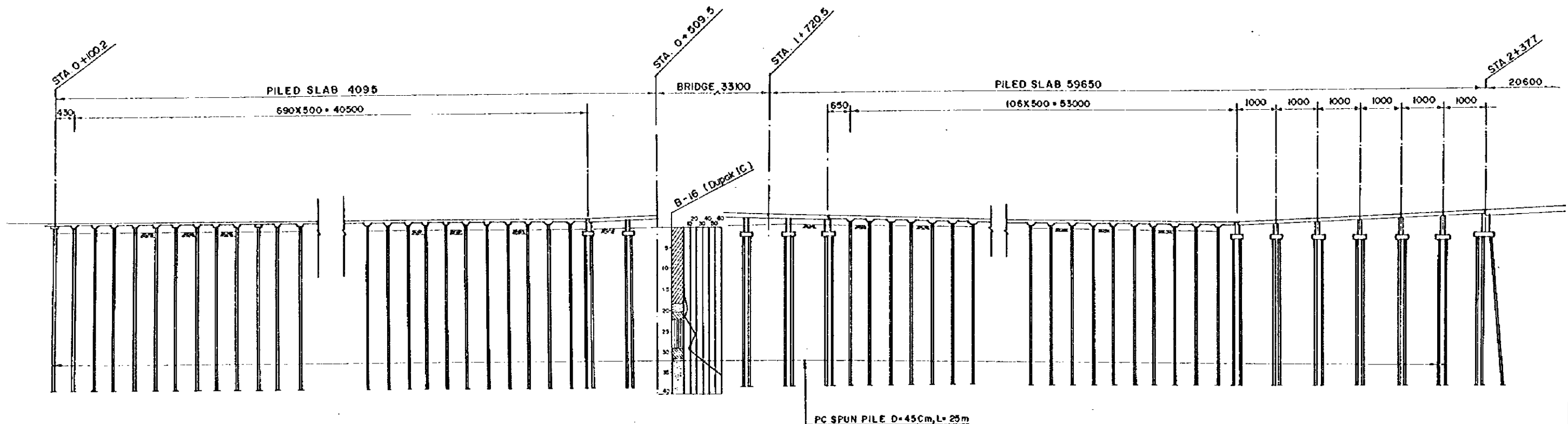


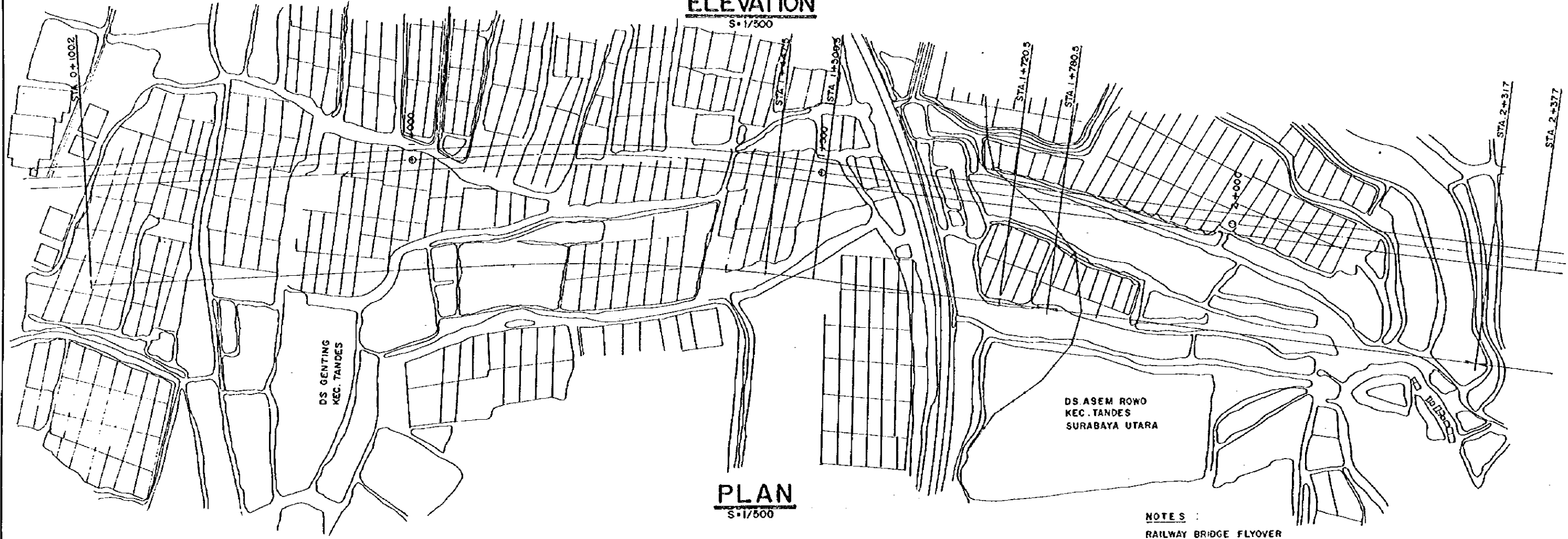
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - OKS	EAST JAVA	93	109
GENERAL VIEW OF BRIDGE (17)		SCALE 1/1000	
NO 2 SURABAYA - MOJOKERTO FLYOVER BRIDGE (7) ROUTE - I			



PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	94	109
GENERAL VIEW OF BRIDGE (19)		SCALE 1/1000	
PILED SLAB		ROUTE-2	

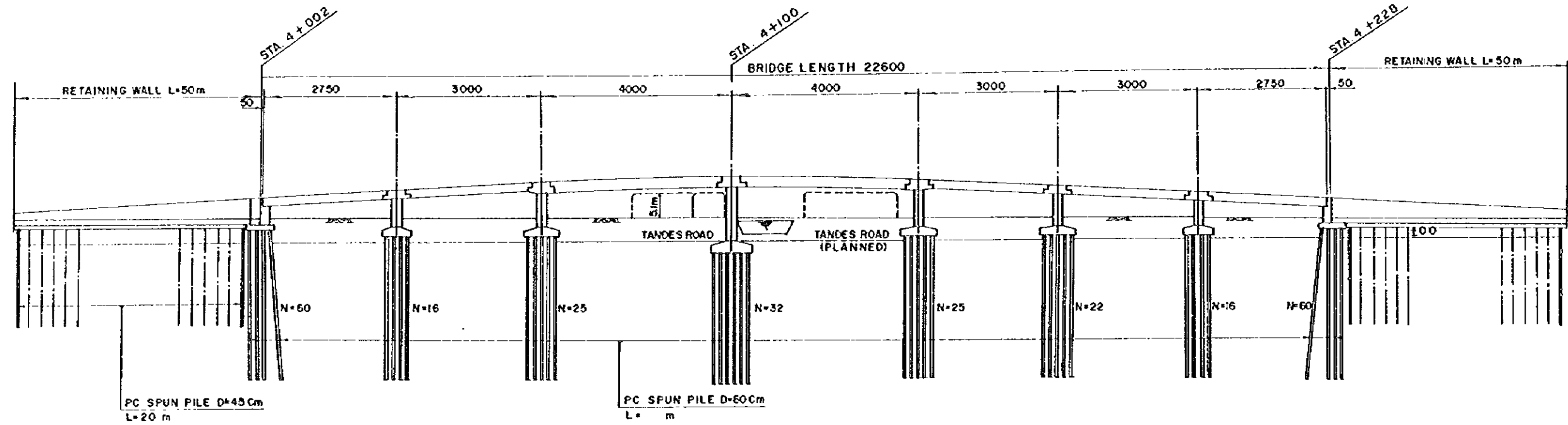


ELEVATION
S=1/500

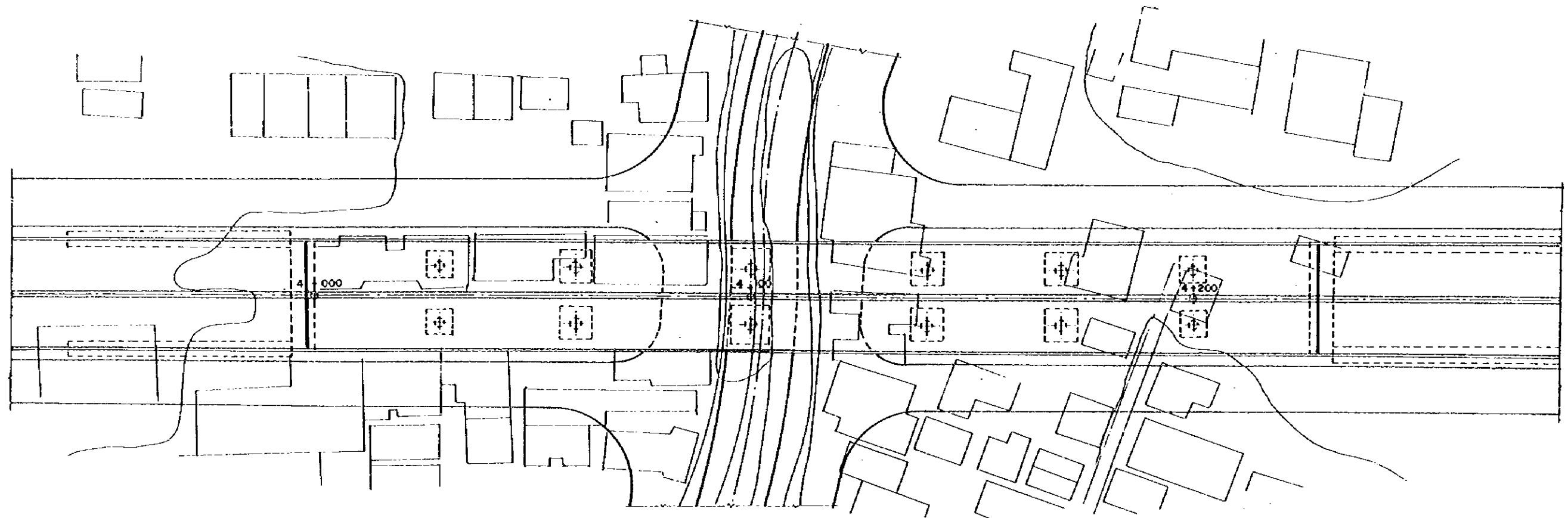


NOTES :
RAILWAY BRIDGE FLYOVER
IS SHOWN IN DWG. NO R-5-1

PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	95	109
GENERAL VIEW OF BRIDGE (20)		SCALE	1/1000
JL. RAYA TANDES FLYOVER BRIDGE			ROUTE - 2

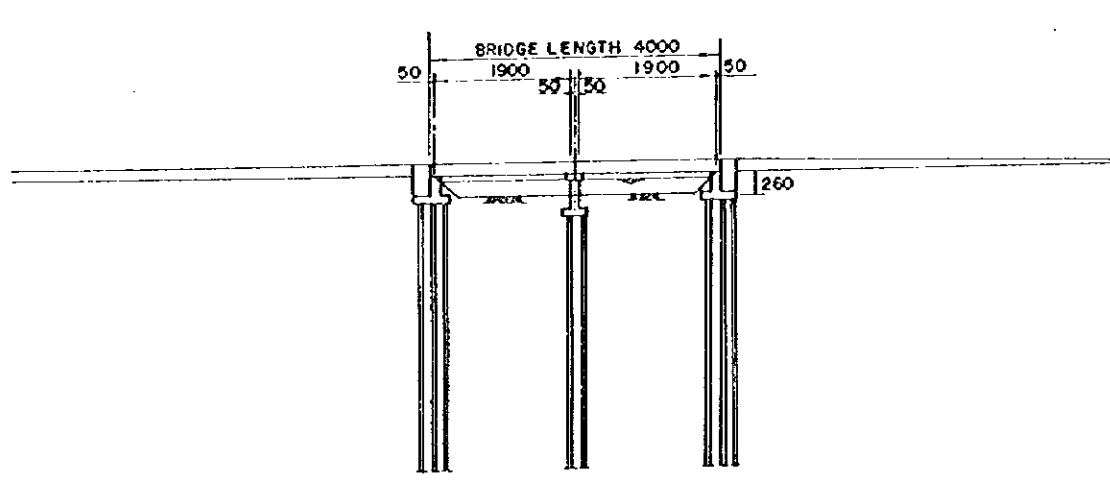


ELEVATION
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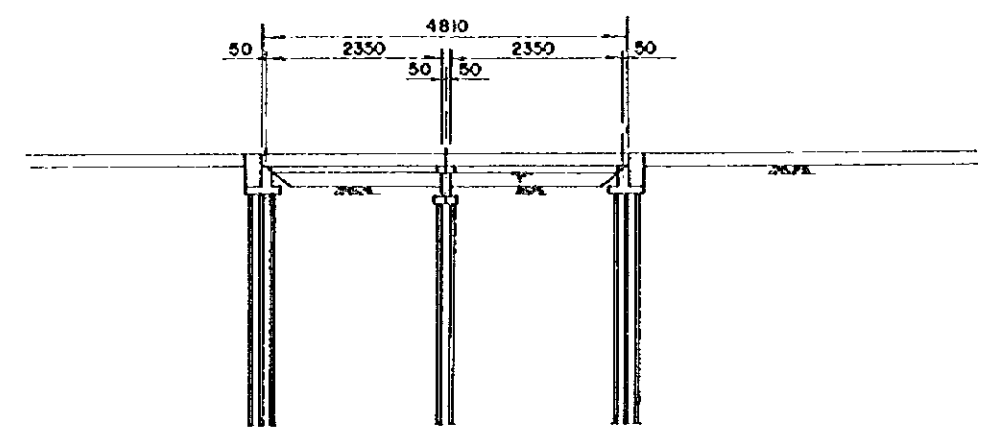


PLAN
S = 1/500

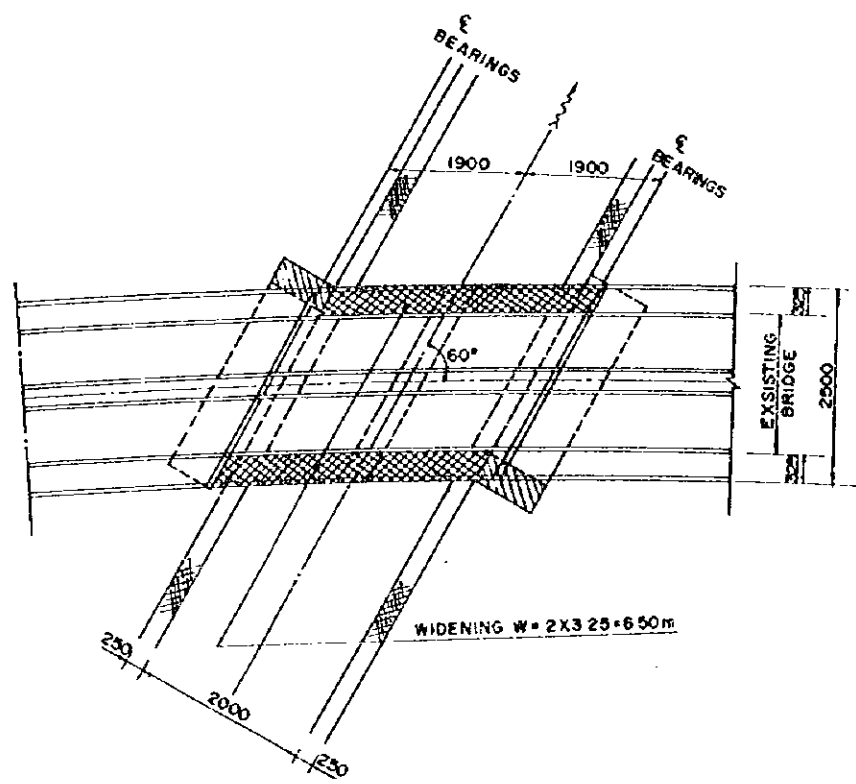
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	96	109
GENERAL VIEW OF BRIDGE (21)		SCALE 1/1000	
NO 2 KEDURUS CANAL BRIDGE		ROUTE-2	



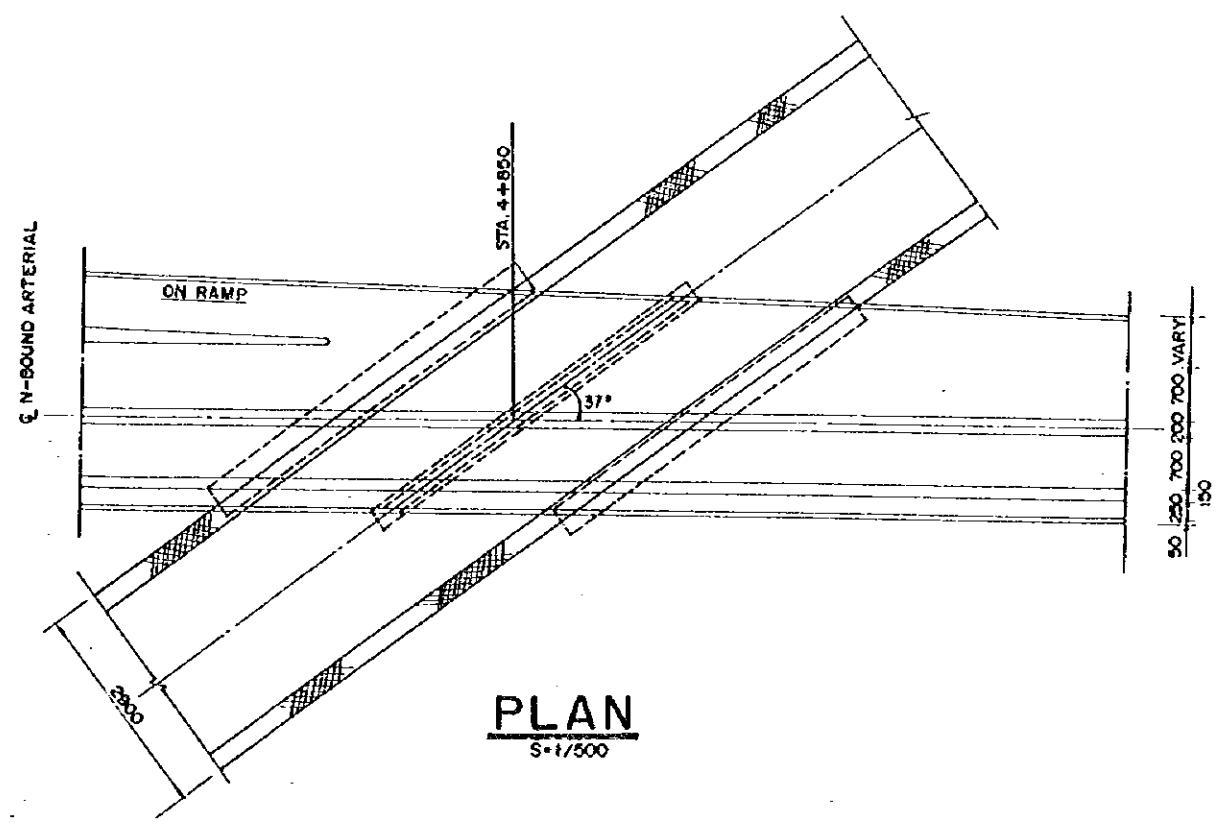
ELEVATION
S = 1/500



ELEVATION
S = 1/500

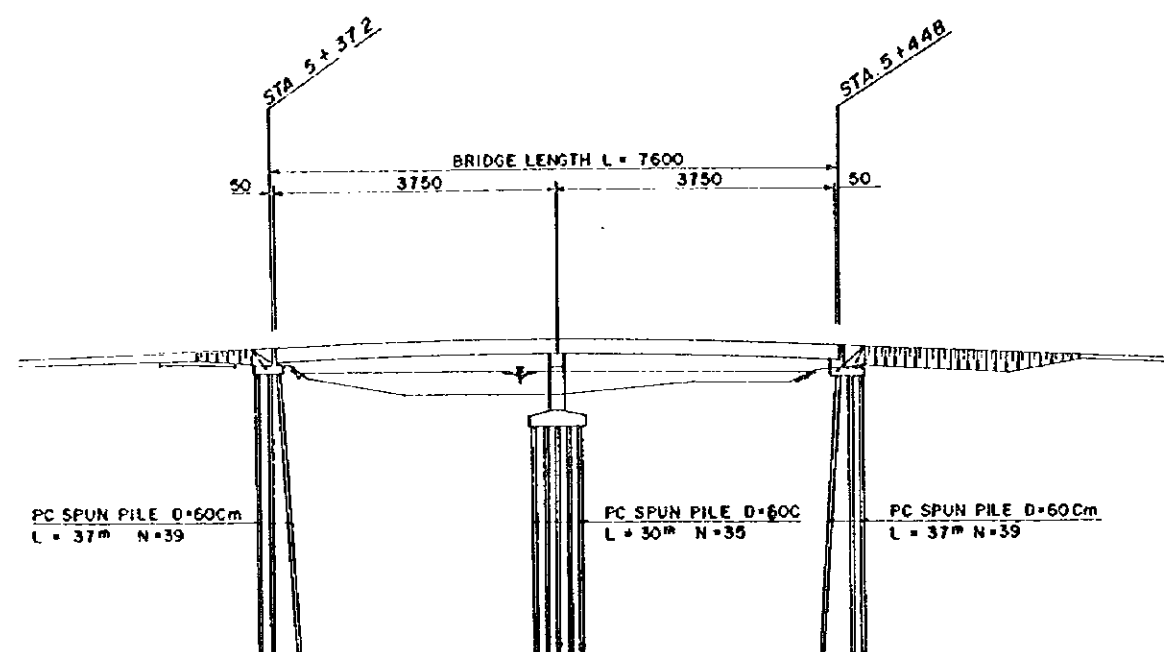


PLAN
S = 1/500

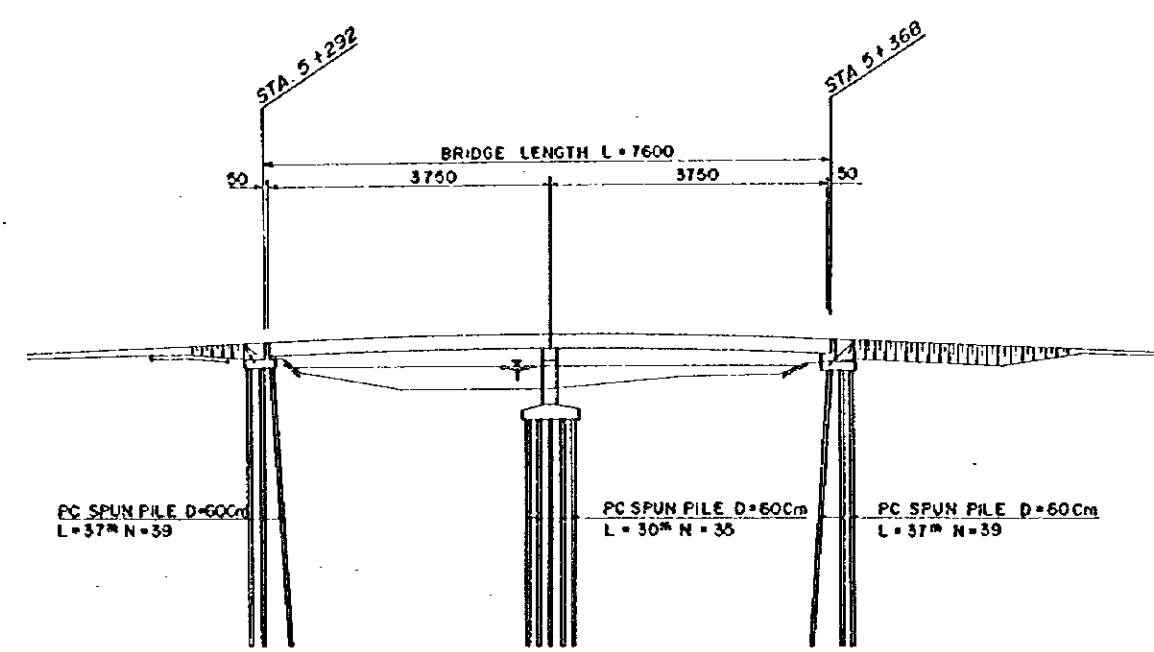


PLAN
S = 1/500

PROJECT	PROPINCE	SHEET NO.	TOTAL SHEET
ARSDS - OKS	EAST JAVA	97	109
GENERAL VIEW OF BRIDGE (22)		SCALE	1/1000
NO. 4 SURABAYA RIVER BRIDGE / RIVER BRIDGE			
NO. 3 SURABAYA RIVER			ROUTE - 2



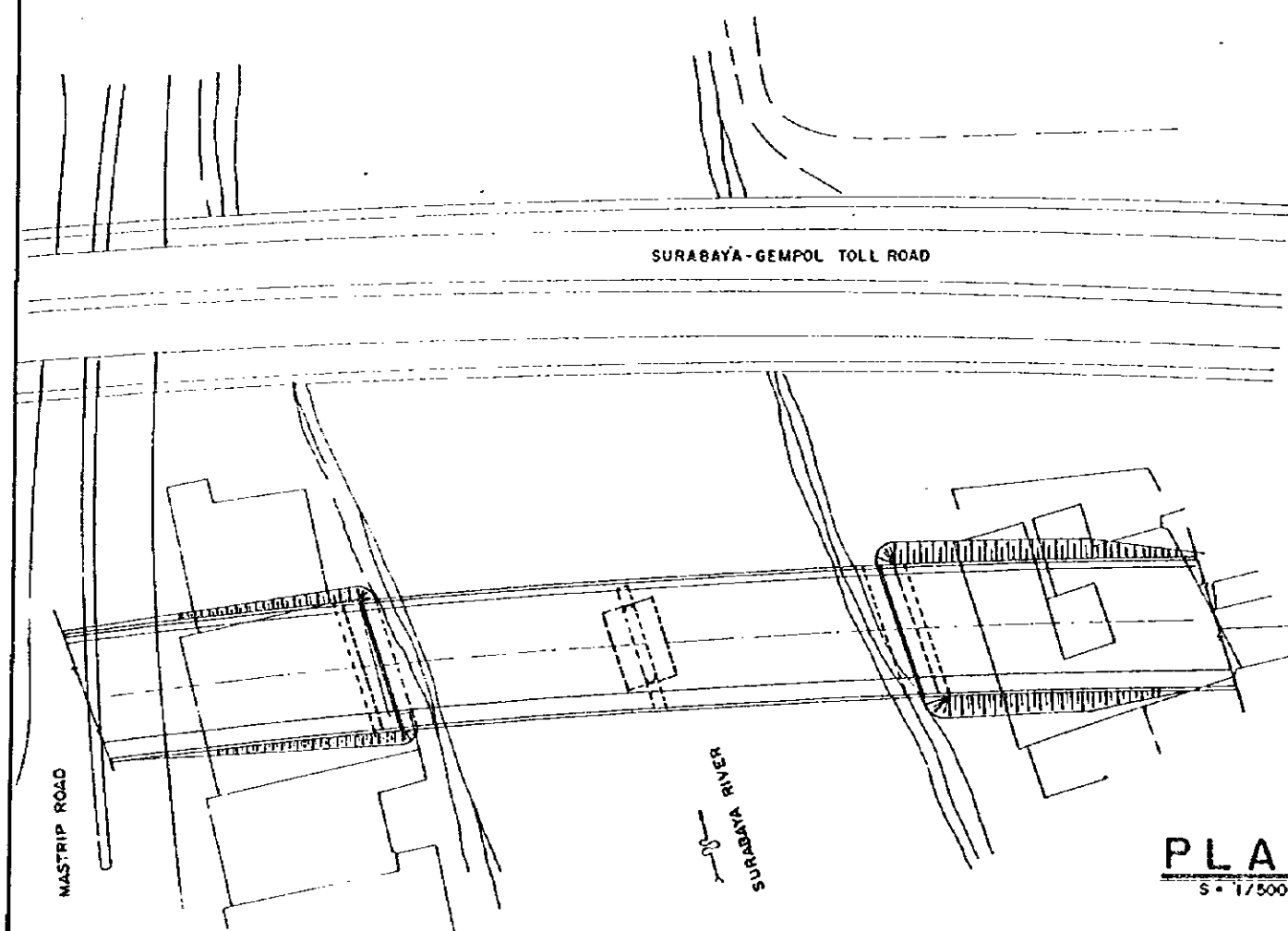
NORTH BOUND



SOUTH BOUND

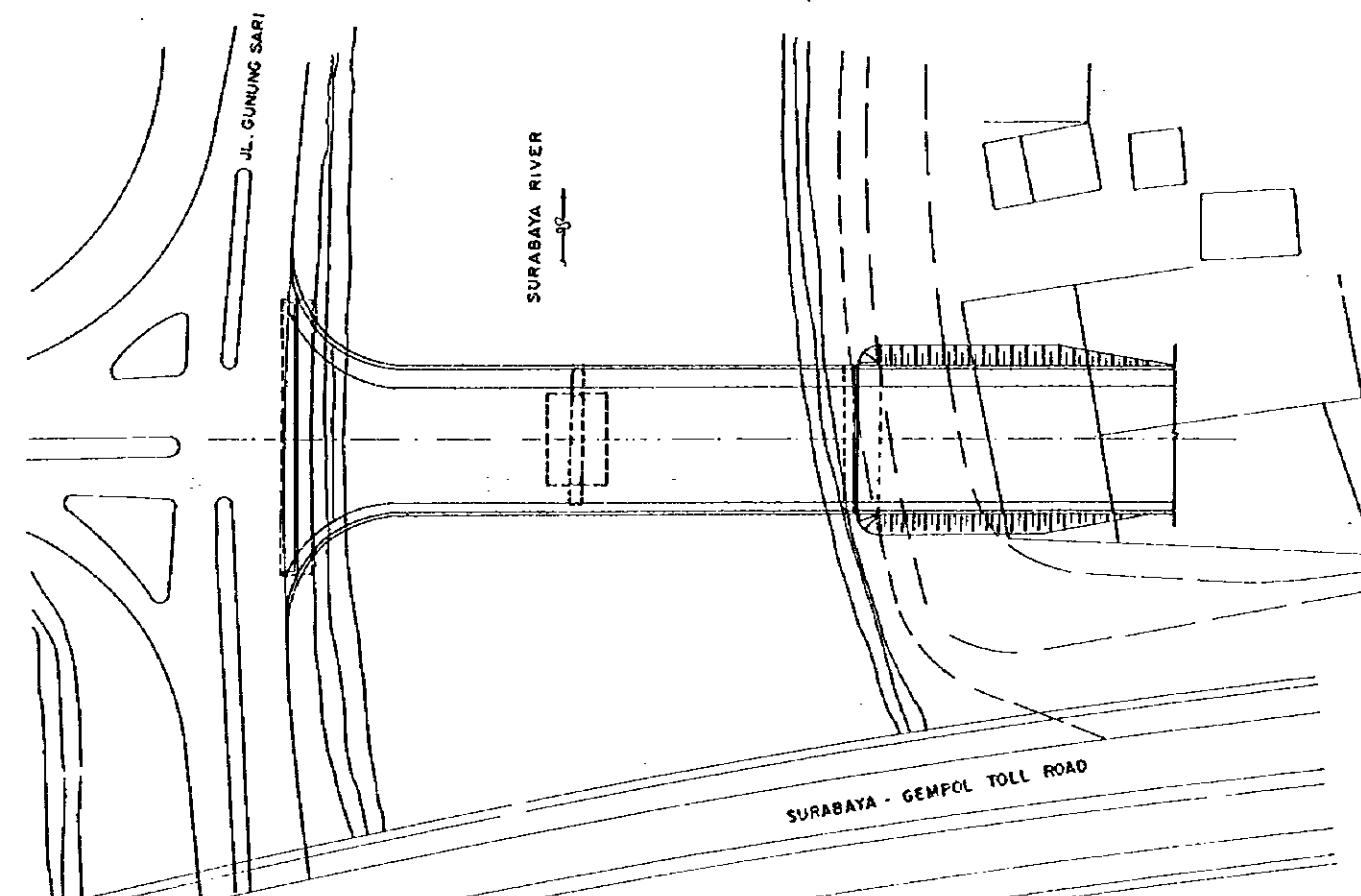
ELEVATION

S = 1/500

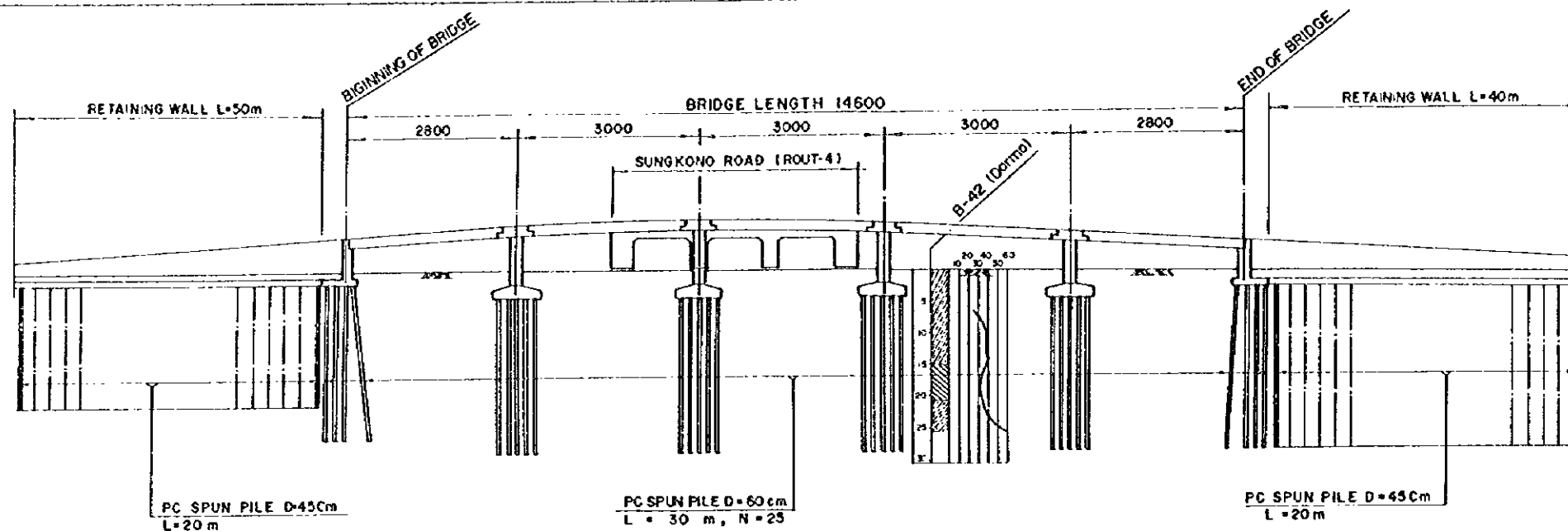


PLAN

S = 1/500



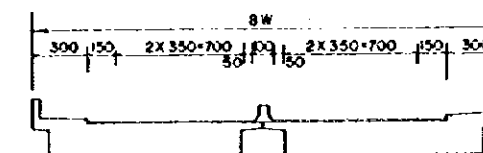
PROJECT	ARSOS - GKS	PROVINCE	EAST JAVA	SHEET NO	98	TOTAL SHEET	109
GENERAL VIEW OF BRIDGE (23)				SCALE	1/1000		
NO.1 JL. SUNKONO FLYOVER BRIDGE						ROUTE - 2	



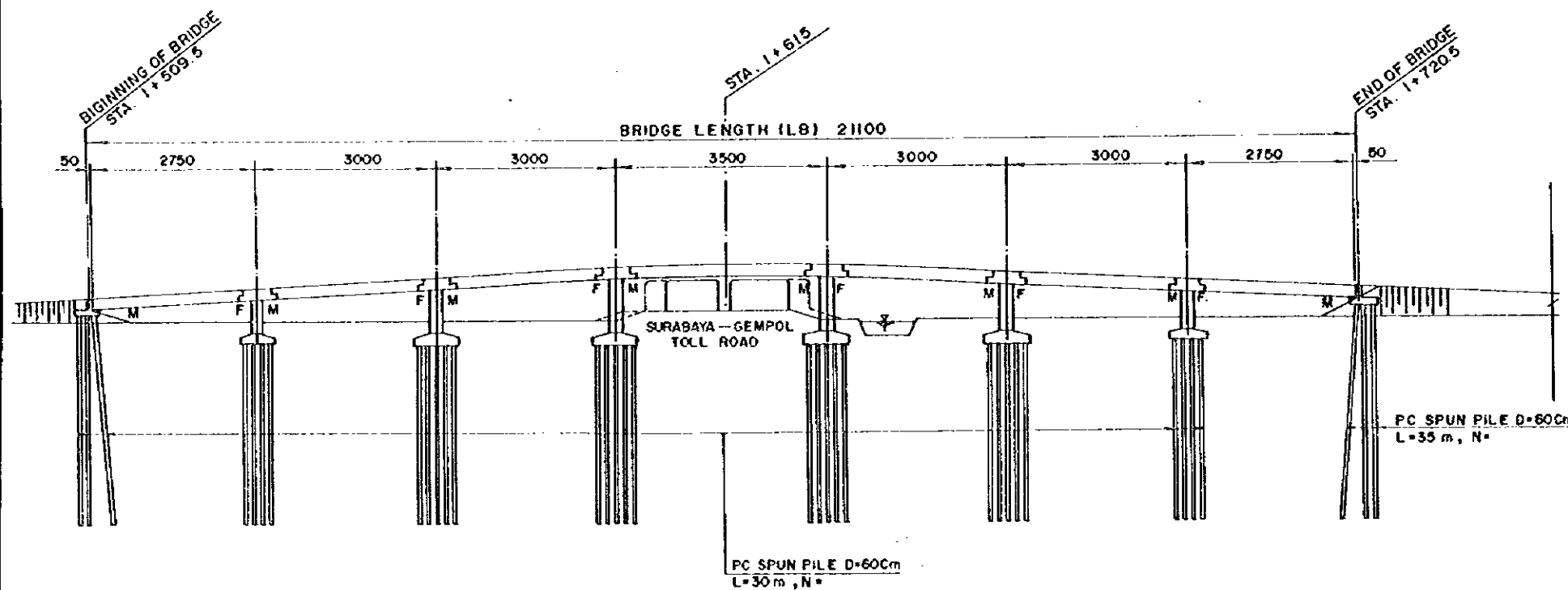
SIDE ELEVATION (BRIDGE 1.2 and 3)
S=1/500

TABLE OF BRIDGE DIMENSION INFORMATION

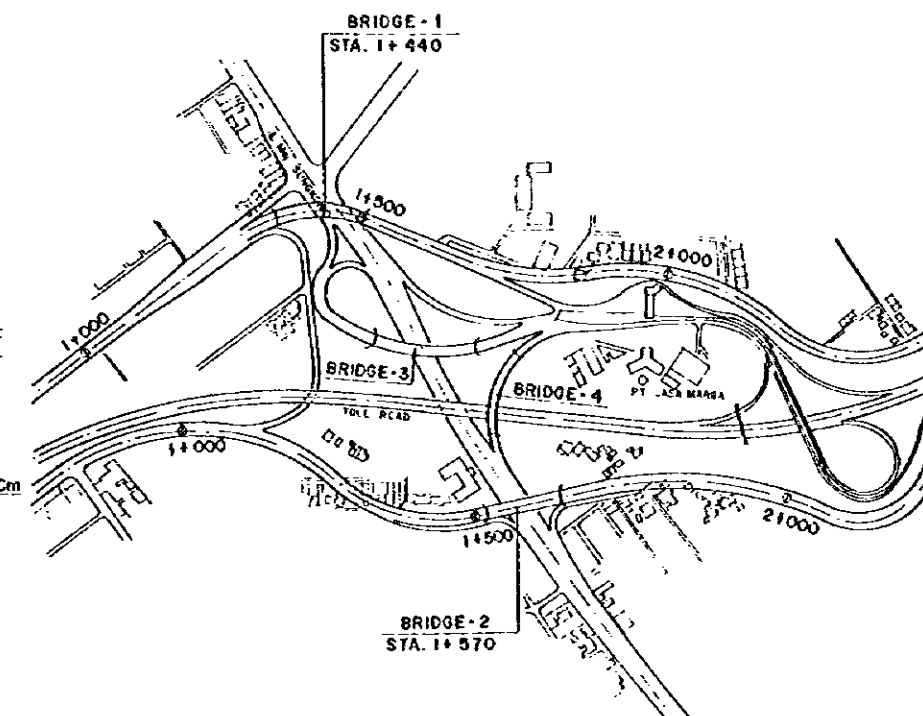
LOCATION	BRIDGE - 1	BRIDGE - 2	BRIDGE - 3	BRIDGE - 4	BRIDGE - 5	BRIDGE - 6
BRIDGE LENGTH	146 M	146 M	146 M	211 M	90 M	90 M
BRIDGE WIDTH	25 M	25 M	25 M	0 M	25 M	25 M
TYPE OF SUPERSTRUCTURE	PC-I GIRDER	PC-I GIRDER	PC-I GIRDER	PC-I GIRDER	PC-I GIRDER	PC-I GIRDER
FOUNDATION	PILE	PILE	PILE	PILE	PILE	PILE
TYPE OF PILE	PC SPUN PILE	PC SPUN PILE	PC SPUN PILE	PC SPUN PILE	PC SPUN PILE	PC SPUN PILE
DIAMETER OF PILE	60 Cm	60 Cm	60 Cm	60 Cm	60 Cm	60 Cm
LENGTH OF PILE	M	M	M	M	M	M
SKREW ANGLE	82.5°	70°	60°	90°	90°	90°



CROSS SECTION OF BRIDGE



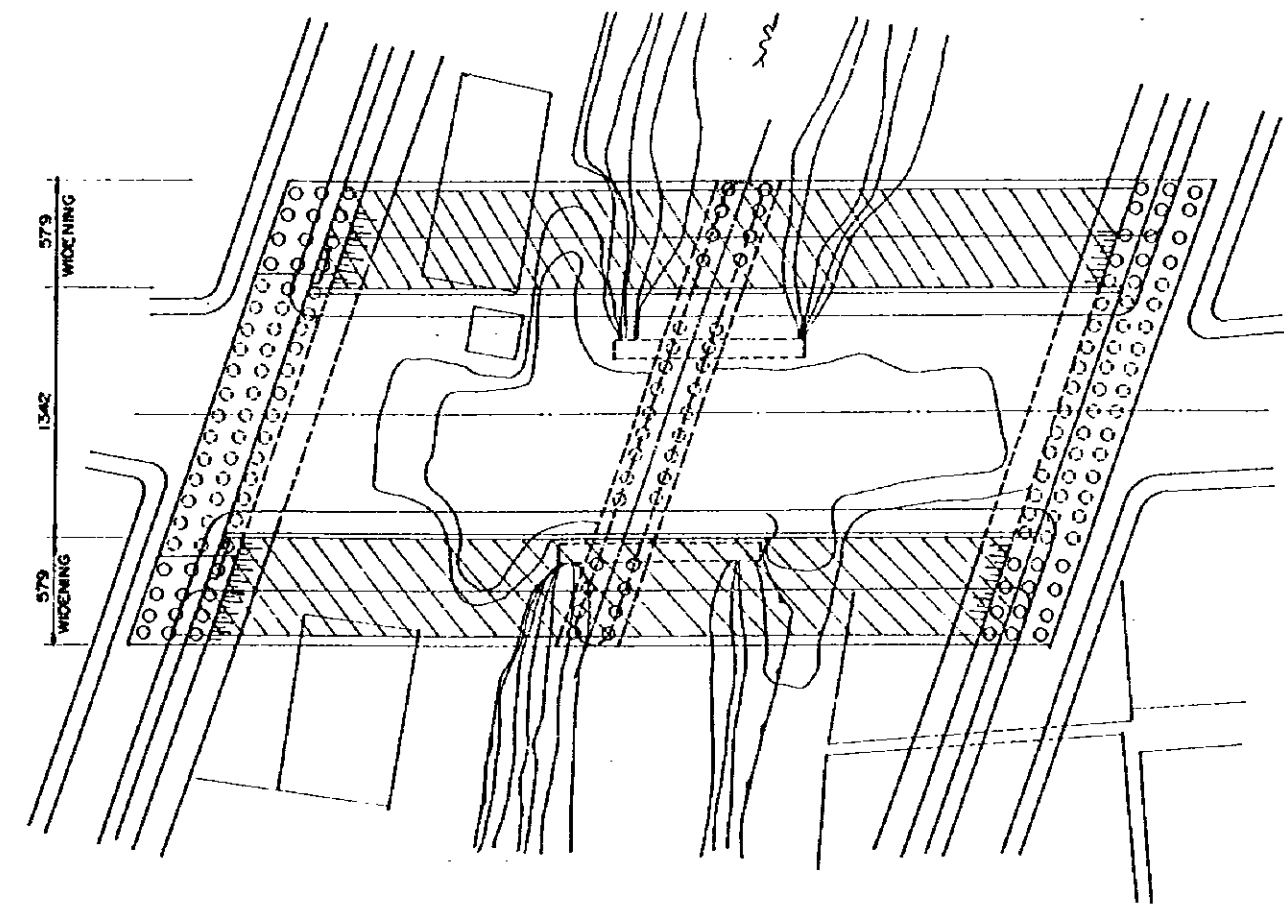
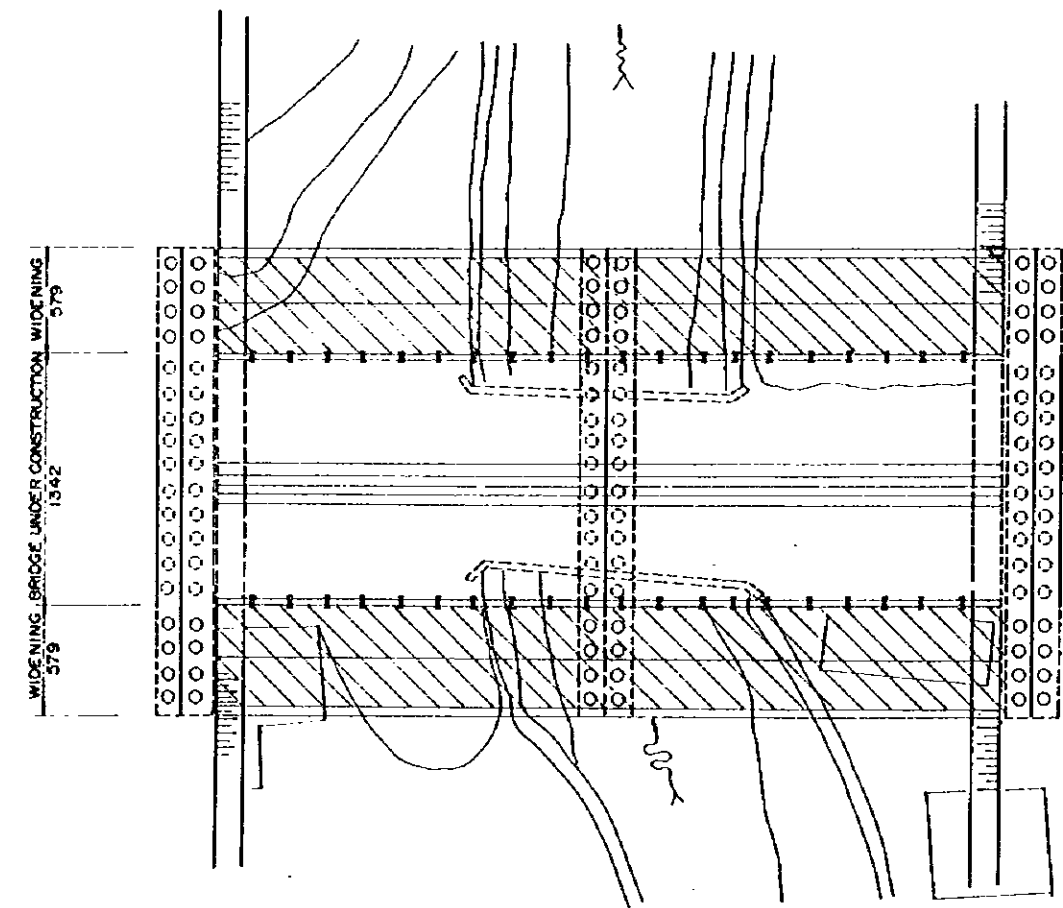
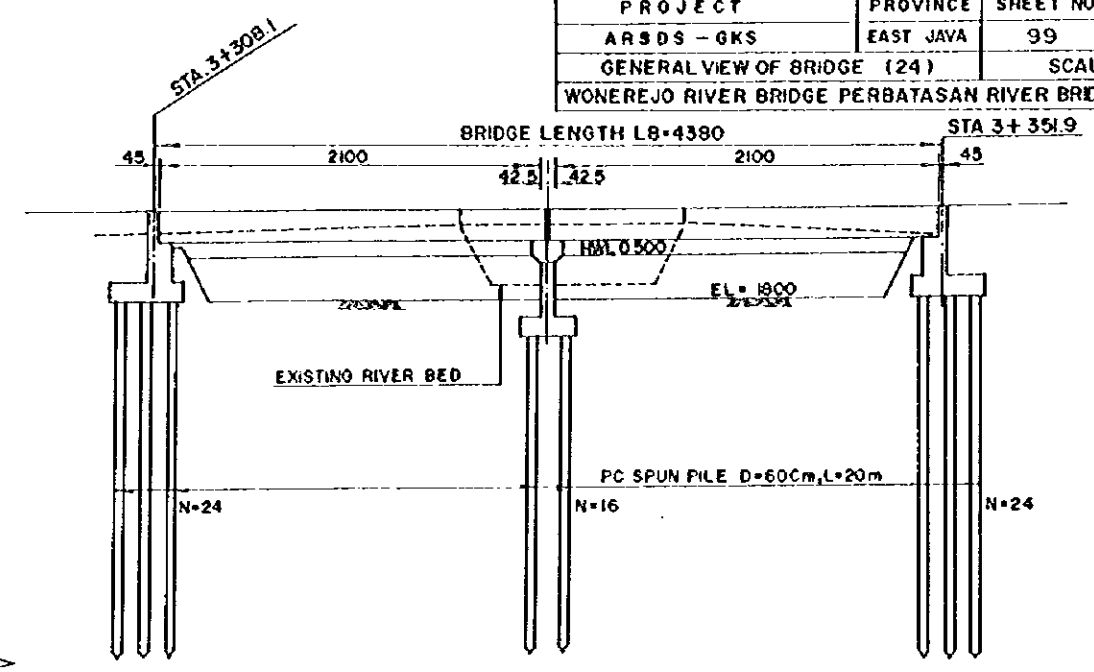
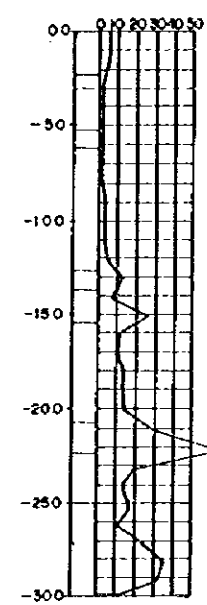
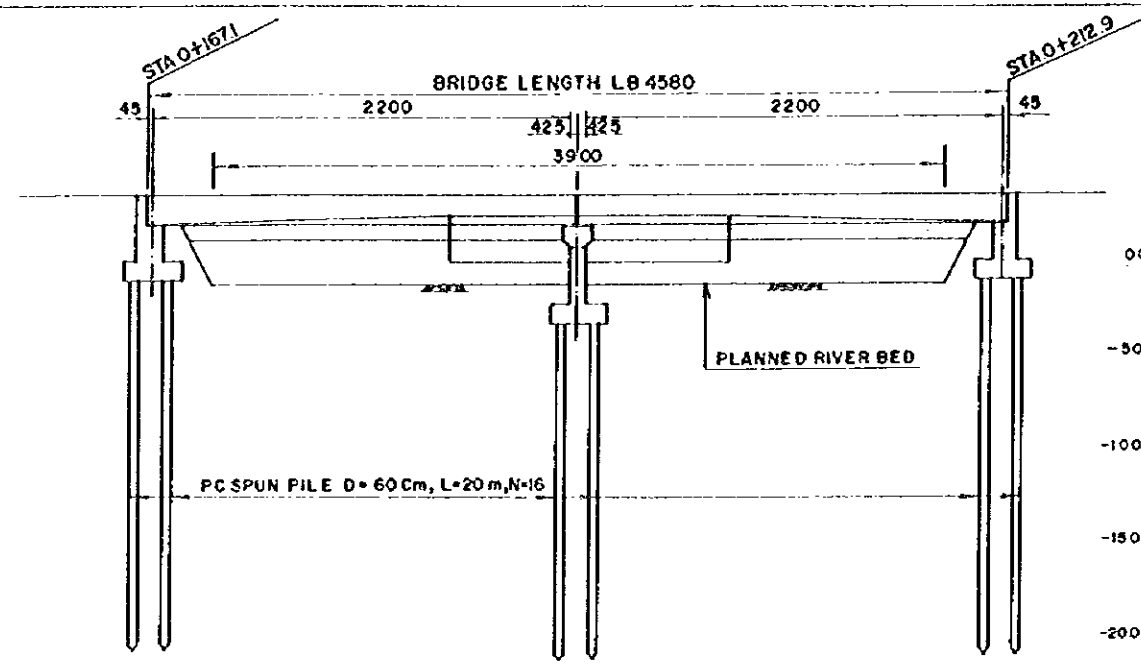
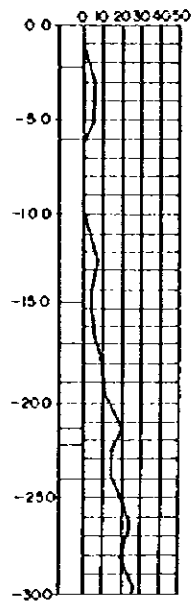
SIDE ELEVATION (BRIDGE-4.5 and 6)
S=1/500



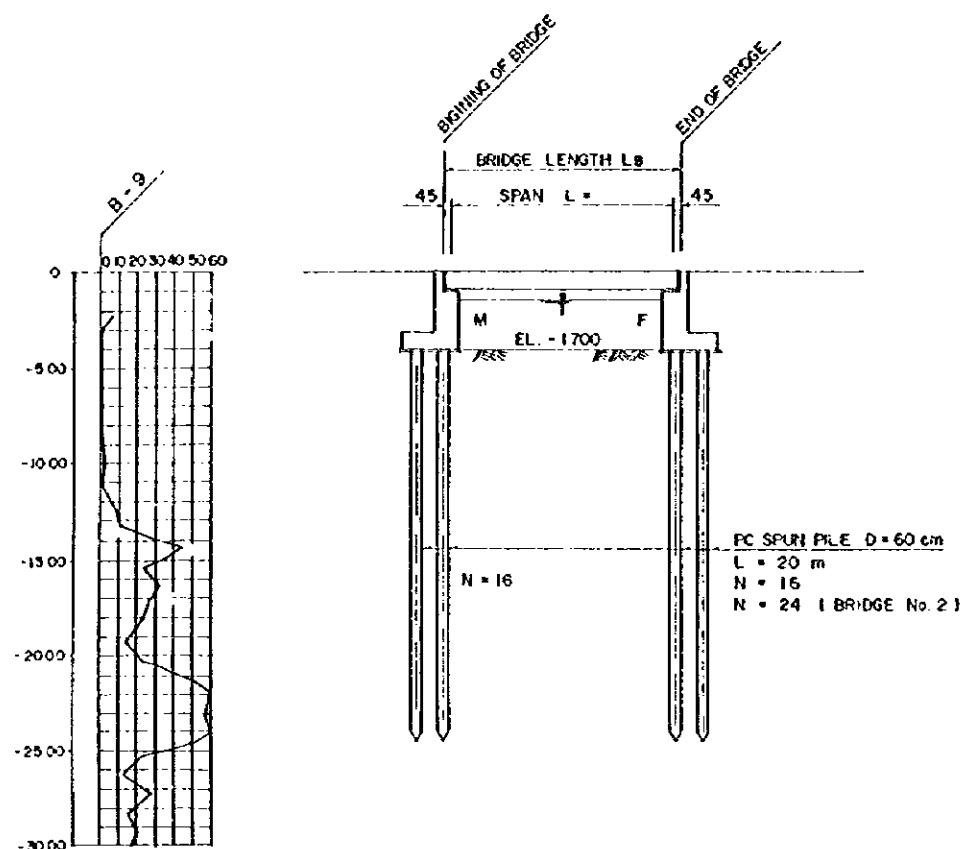
NOTE :

- LOCATION OF BRIDGE 5 AND 6 IS SHOWN ON PLAN OF HIGHWAY DWG. NO.

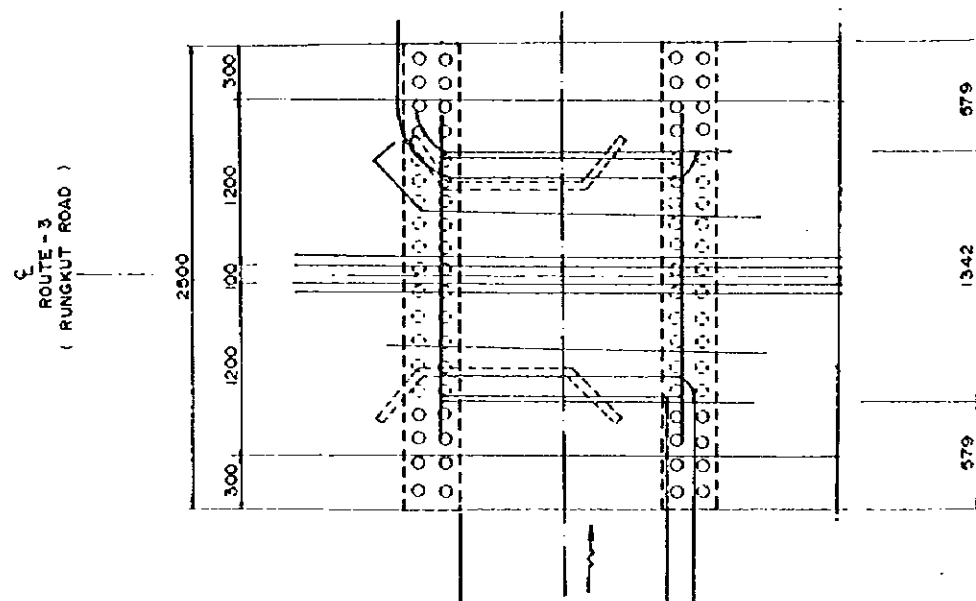
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	99	109
GENERAL VIEW OF BRIDGE (24)		SCALE 1/1000	
WONEREJO RIVER BRIDGE PERBATASAN RIVER BRIDGE ROUTE-3			



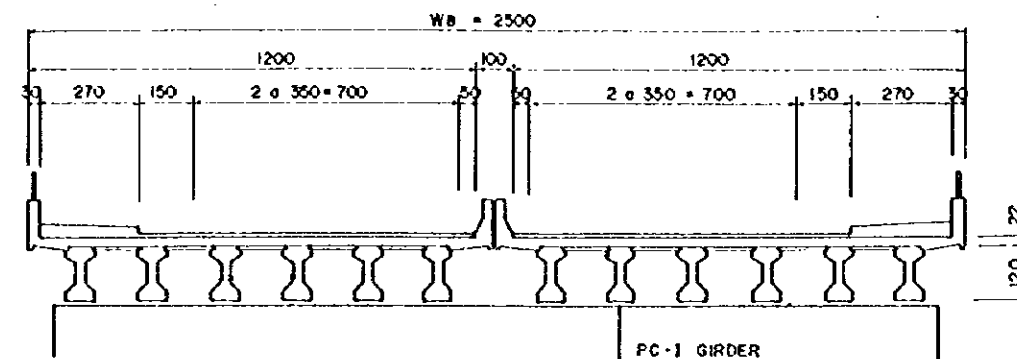
PROJECT	PROVINCE	SHEET NO.	TOTAL SHEET
ARSDS - GKS	EAST JAVA	100	109
GENERAL VIEW OF BRIDGE (25)		SCALE 1/100 1/200	
KEBON AGUNG RIVER, NO. 1/ NO. 2 BUNTUNG RIVER			
APUR RIVER BRIDGE		ROUTE - 3	



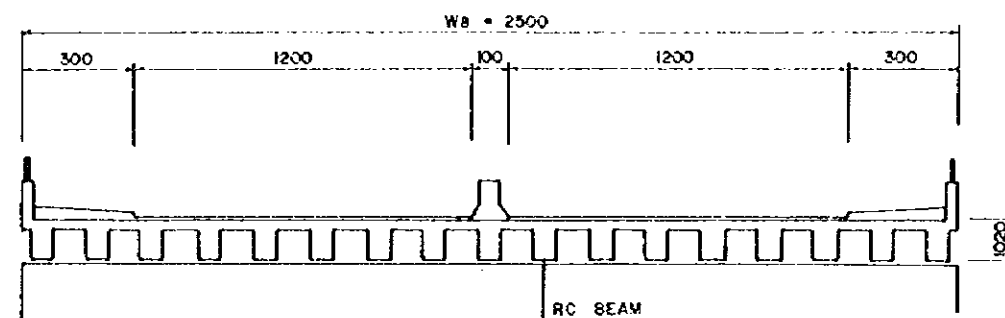
ELEVATION
S = 1/200



PLAN
S = 1/200



CROSS SECTION
S = 1/100
(BRIDGE NO. 2)



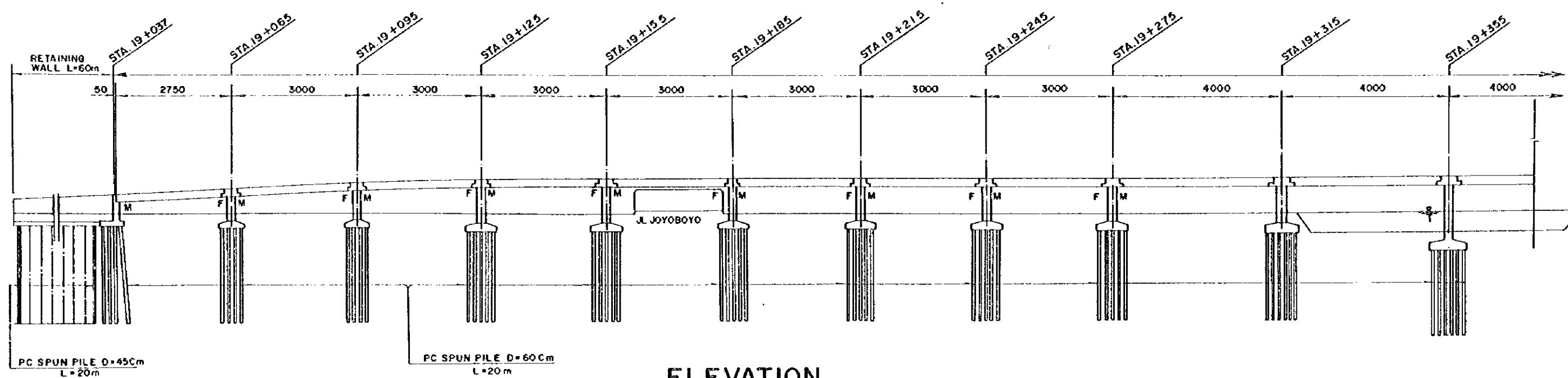
CROSS SECTION
S = 1/100
(BRIDGE NO. 1, 3 and 4)

DESCRIPTION	BRIDGE - No. 1	BRIDGE - No. 2	BRIDGE - No. 3	BRIDGE - No. 4	REMARKS
1. LOCATION	STA. 2+513.55 STA. 2+520.45	STA. 4+632.30 STA. 4+640.50	STA. 6+884.60 STA. 6+915.40	STA. 7+970.70 STA. 7+980.80	
2. BRIDGE LENGTH (LB)	12.90	21.00	10.80	10.80	
3. BRIDGE WIDTH (WB)	11.58	25.00	25.00	25.00	SEE NOTE
4. TYPE OF SUPERSTRUCTURE	RC BEAM	PC-I GIRDER	RC BEAM	RC BEAM	
5. FOUNDATION	PILE	PILE	PILE	PILE	
6. TYPE OF PILE	PC PILE	PC PILE	PC PILE	PC PILE	
7. DIAMETER OF PILE (D)	60 cm	60 cm	60 cm	60 cm	
8. LENGTH OF PILE	20 m	20 m	20 m	20 m	
9. SKEW ANGLE	90°	90°	90°	90°	

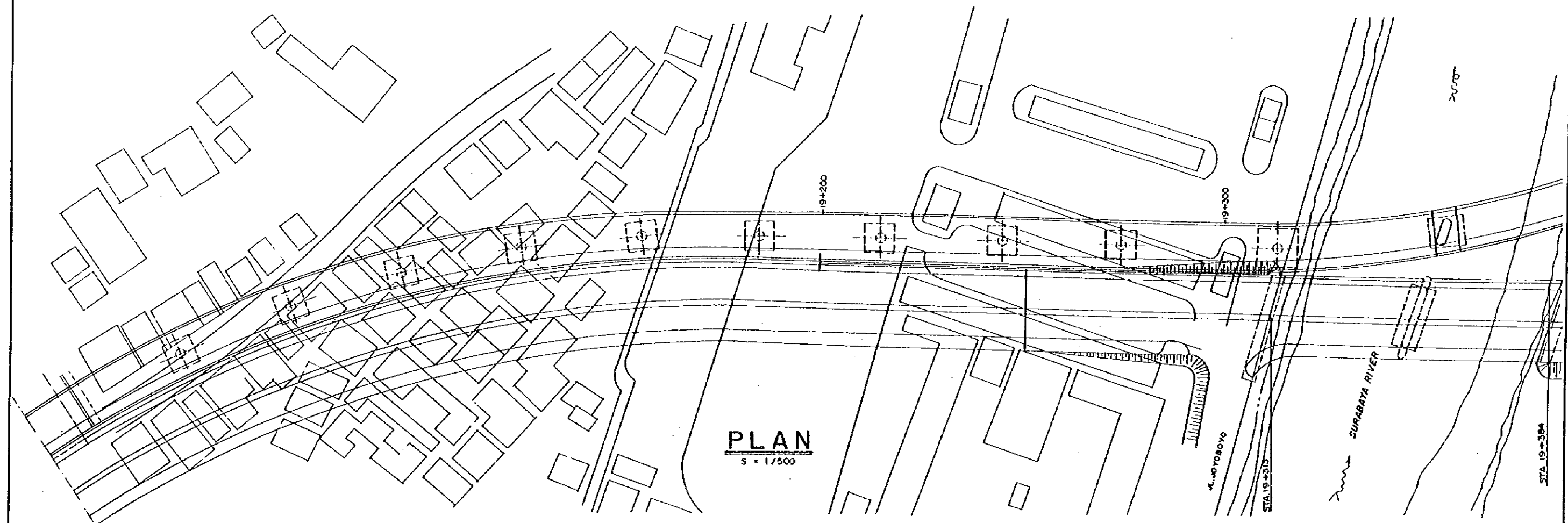
NOTES :

- MIDDLE PART OF BRIDGE - NO. 1 WILL BE CONSTRUCTED BY SURABAYA RIVER IMPROVEMENT PROJECT
-

PROJECT	PROVINCE	SHEET NO.	TOTAL SHEET
ARSDS - 8 KS	EAST JAVA	101	109
GENERAL VIEW OF BRIDGE (25)		SCALE	1 / 1000
NO. 1 WONOKROMO VIADUCT (10) ON RAMP NO 5 SURABAYA RIVER			ROUTE - 4
BRIDGE			

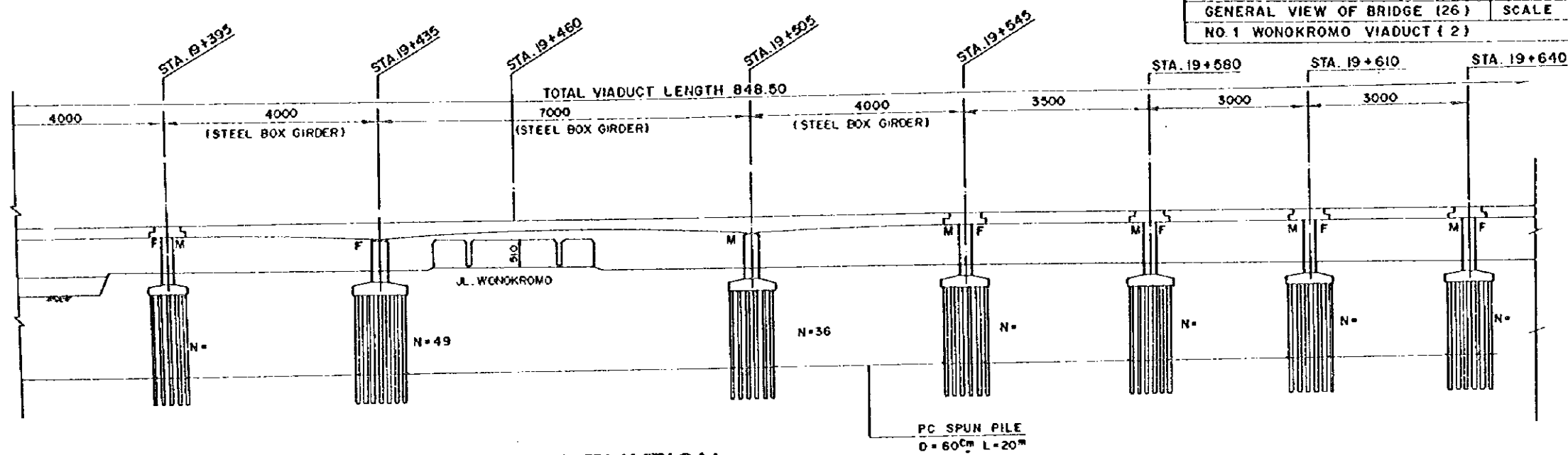


ELEVATION
S = 1 / 500

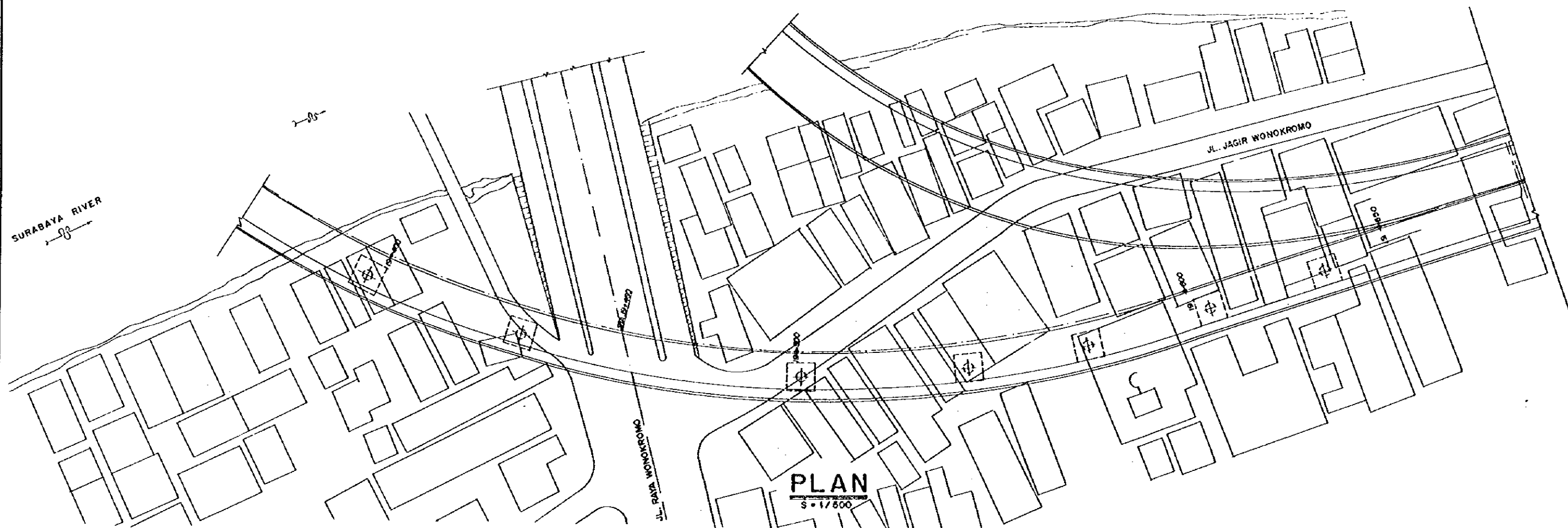


PLAN
S = 1 / 500

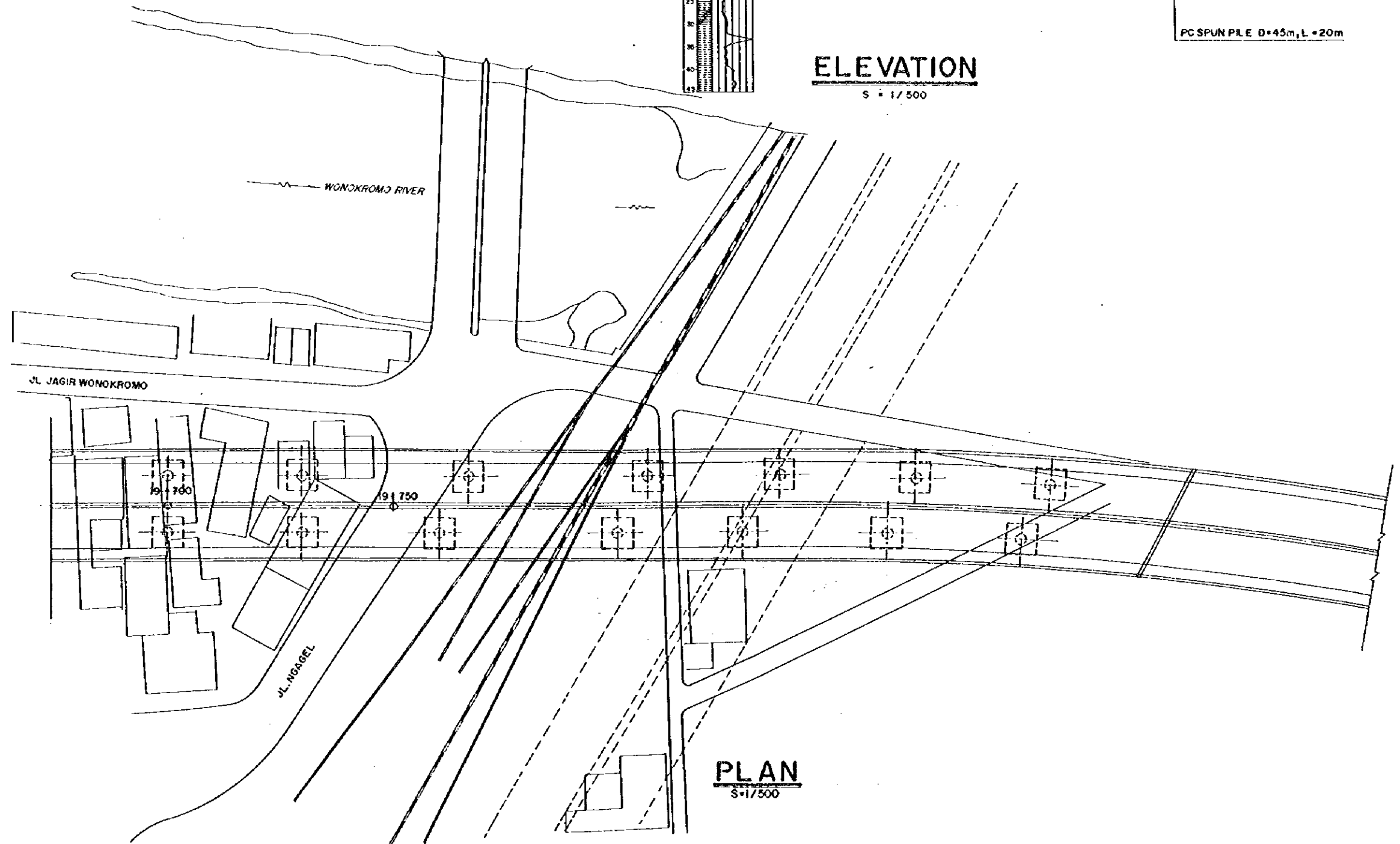
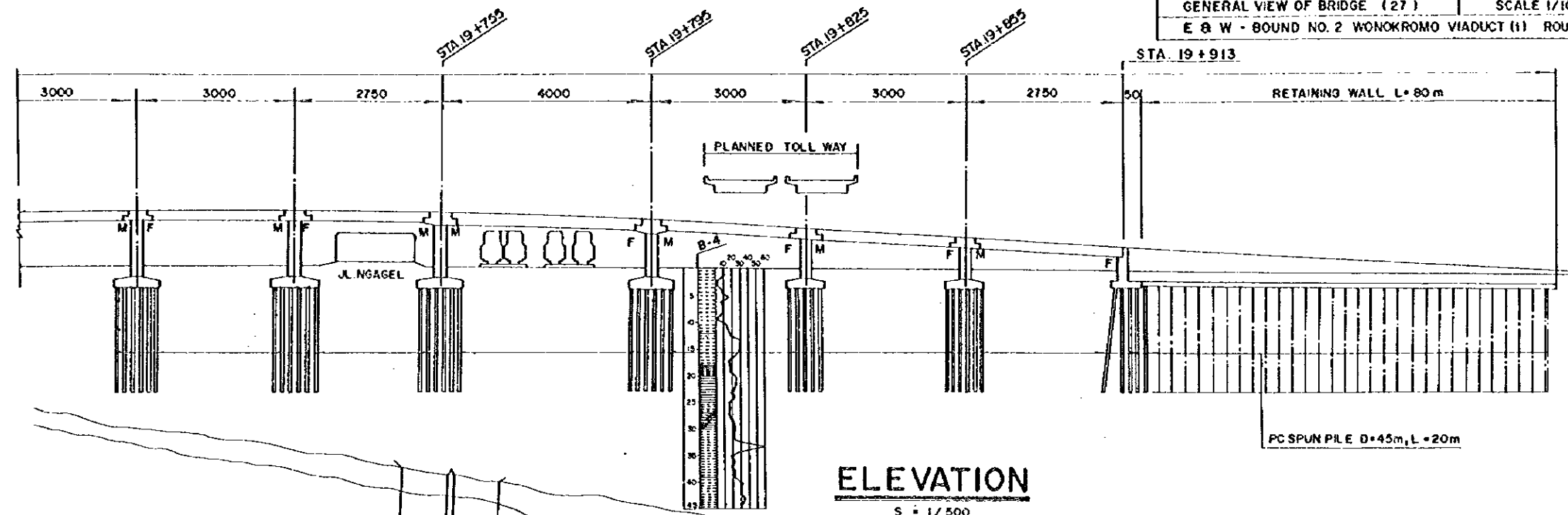
PROJECT	PROVINCE	SHEET NO.	TOTAL SHEET
ARSDS - GKS	EAST JAVA	102	109
GENERAL VIEW OF BRIDGE (26)		SCALE	1/1000
NO. 1 WONOKROMO VIADUCT (2)		ROUTE - 4	



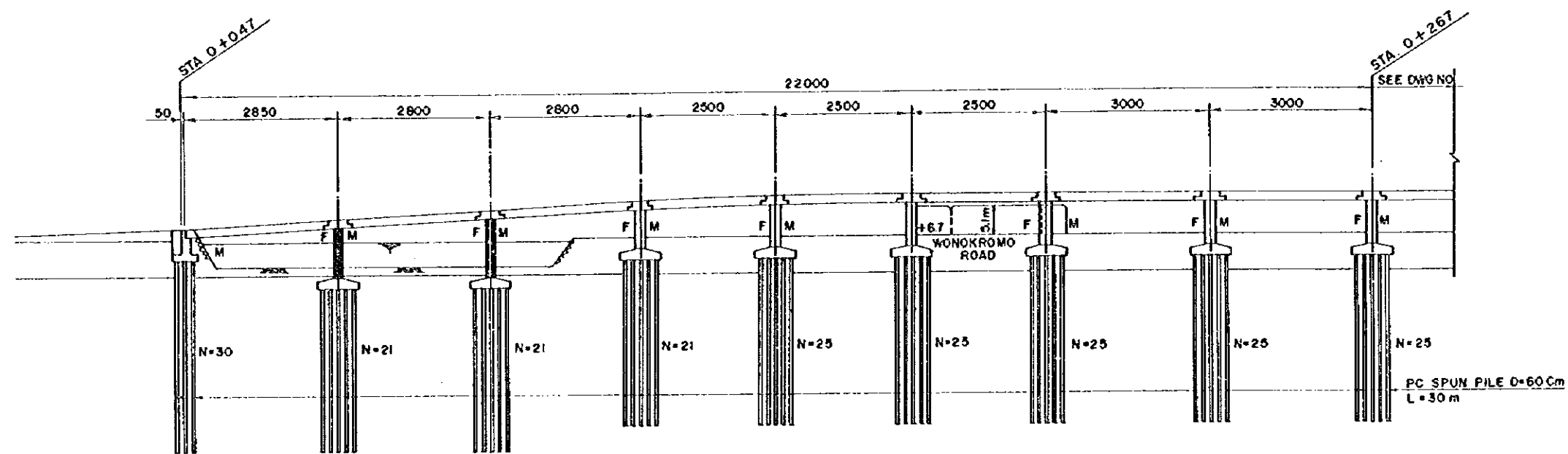
ELEVATION
S 1/500



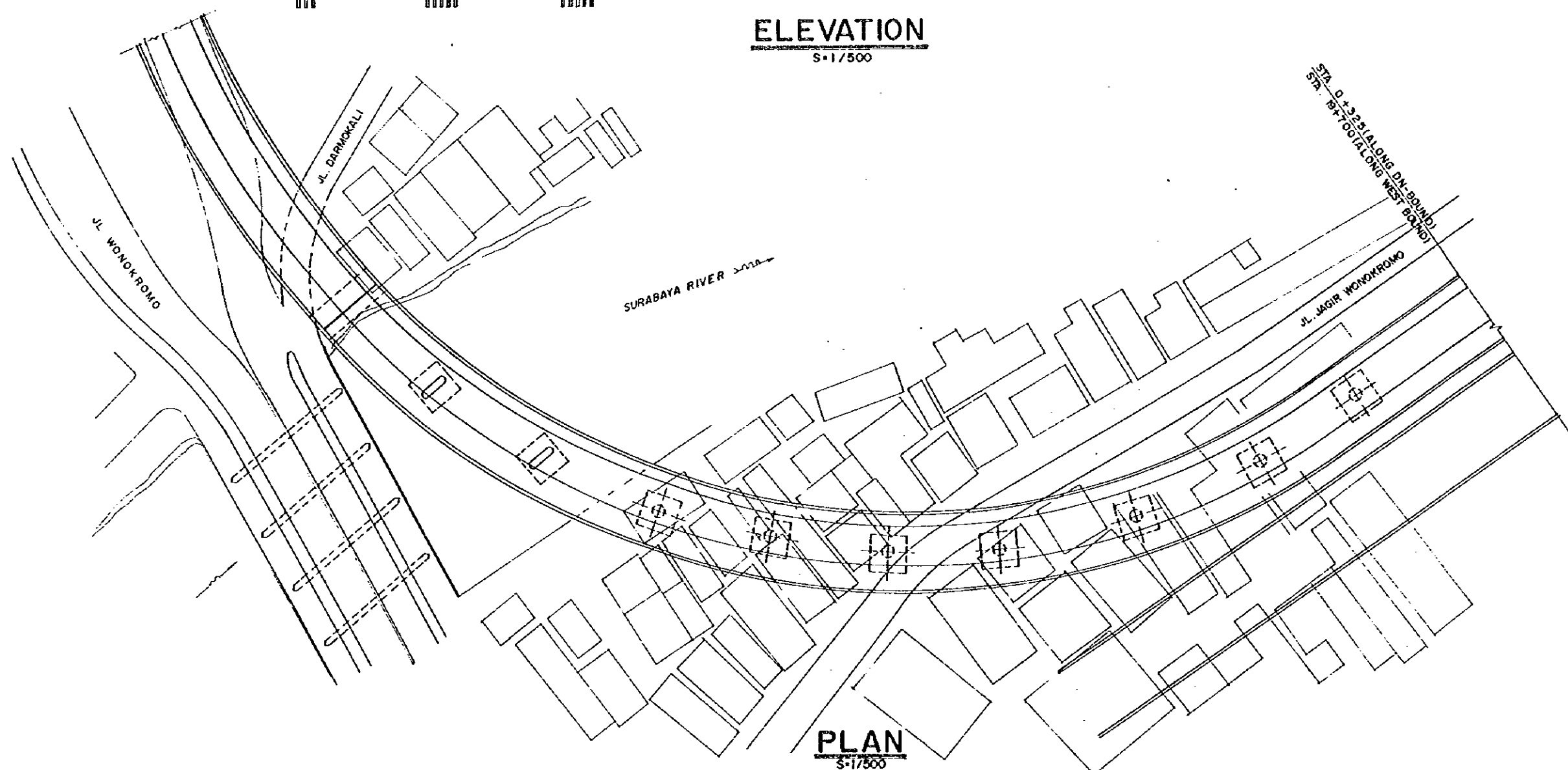
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSOS--GKS	EAST JAVA	103	109
GENERAL VIEW OF BRIDGE (27)		SCALE 1/1000	
E & W - BOUND NO. 2 WONOKROMO VIADUCT (II) ROUTE - 4			



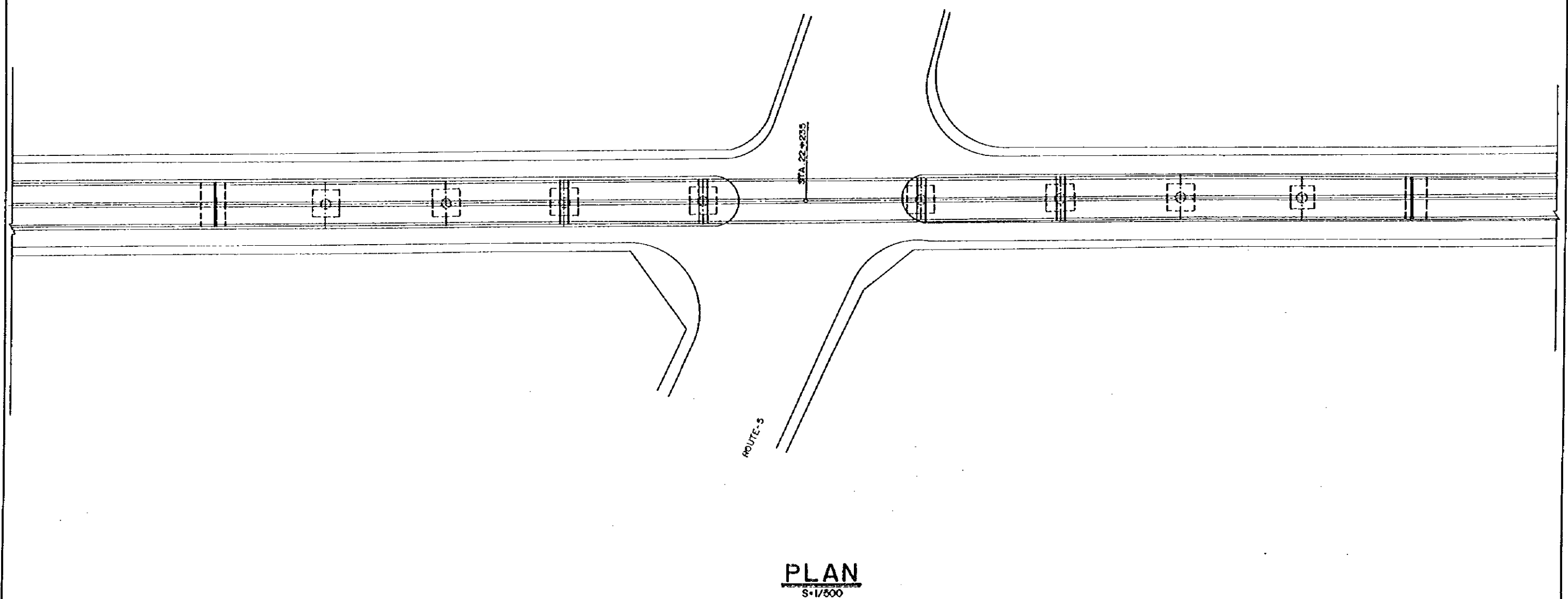
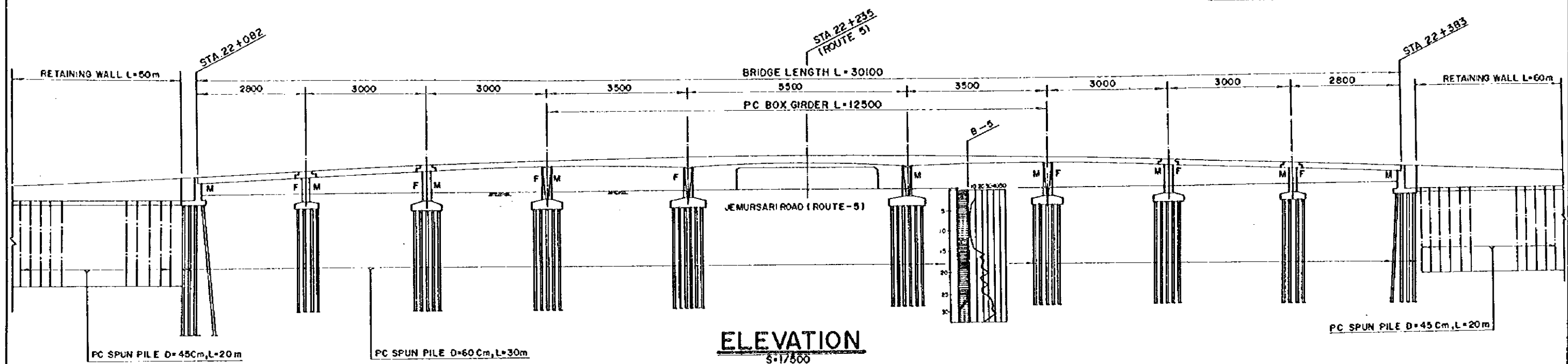
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	104	109
GENERAL VIEW OF BRIDGE (28)		SCALE	1/1000
ON RAMP NO. 6 SURABAYA RIVER BRIDGE		ROUTE - 4	



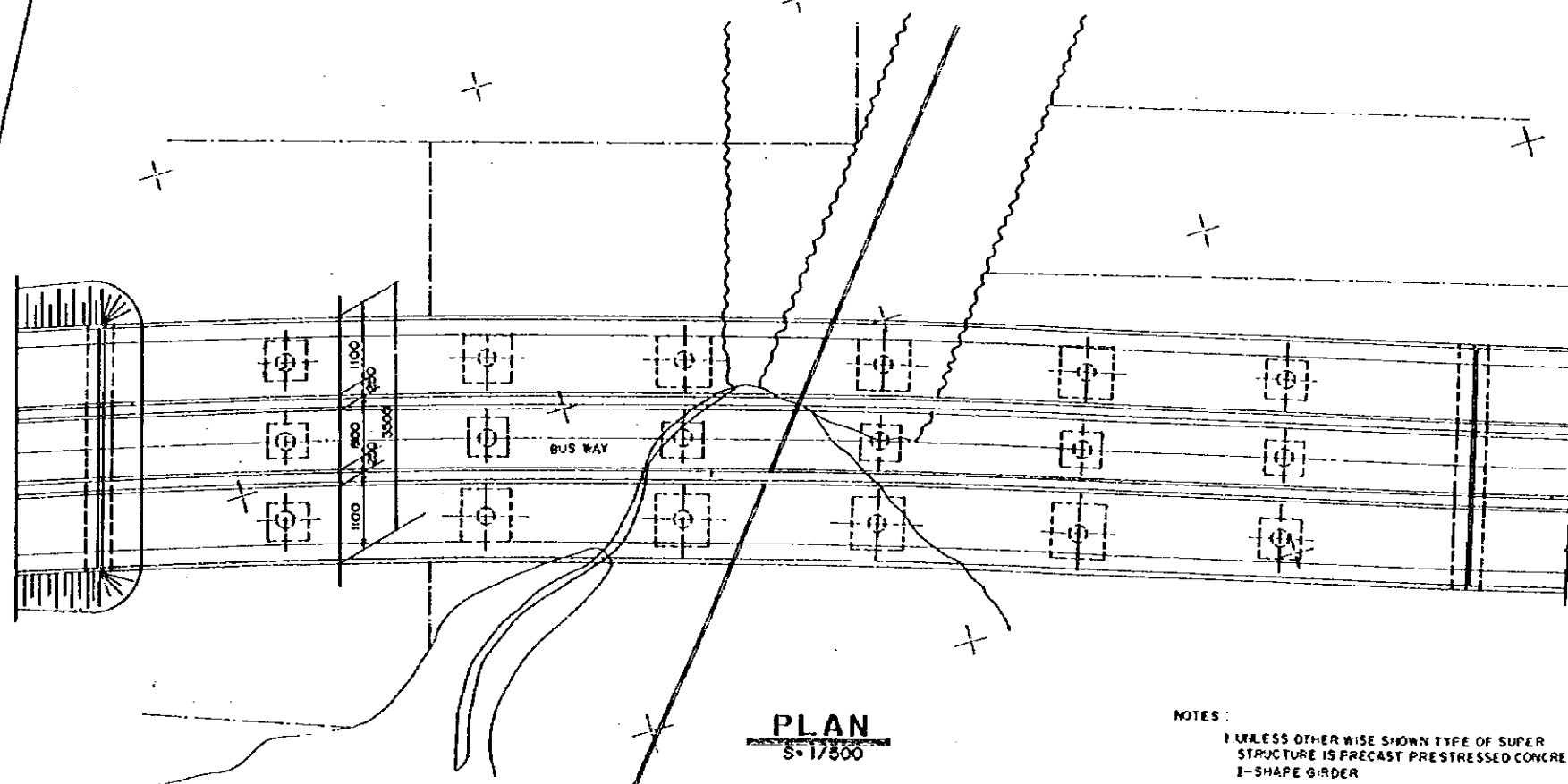
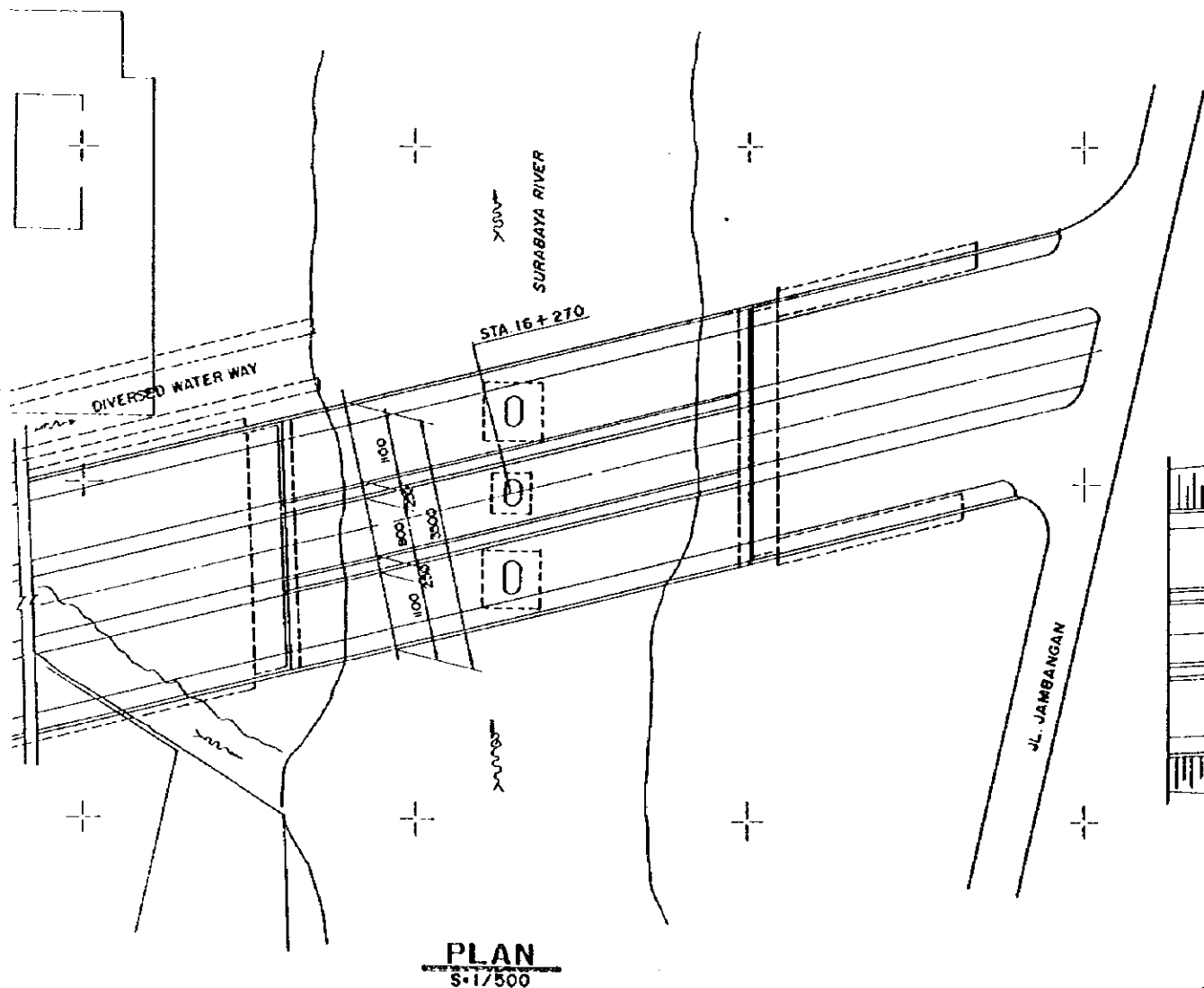
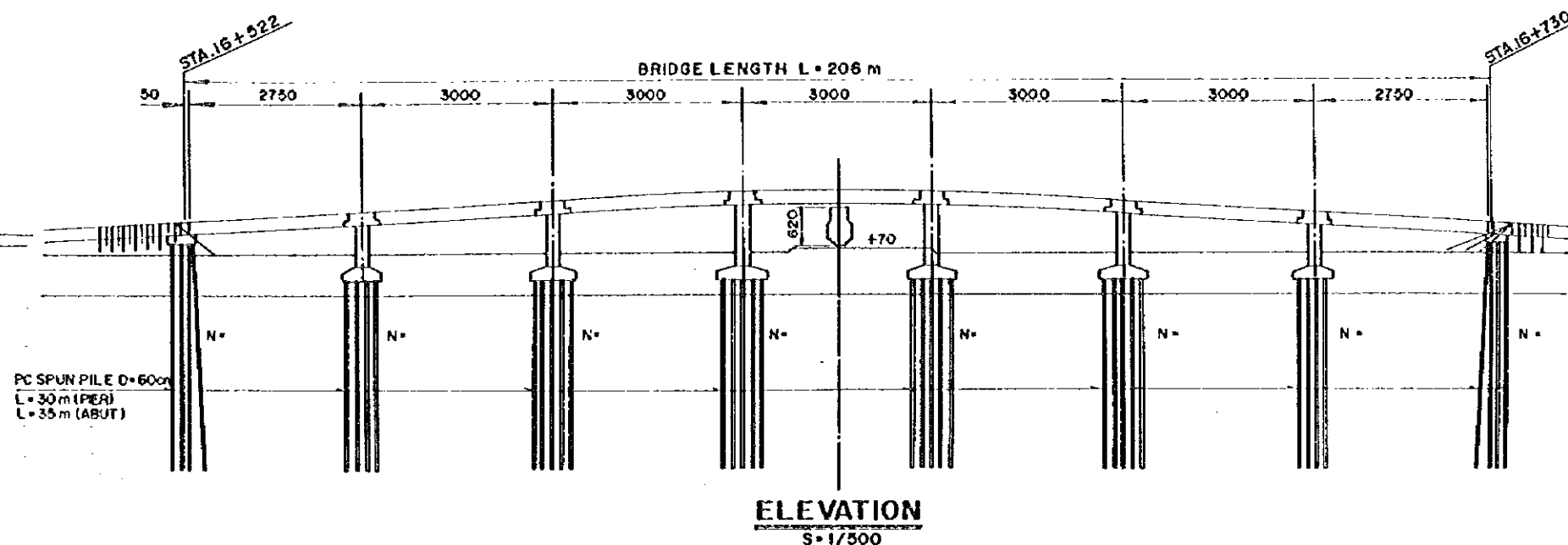
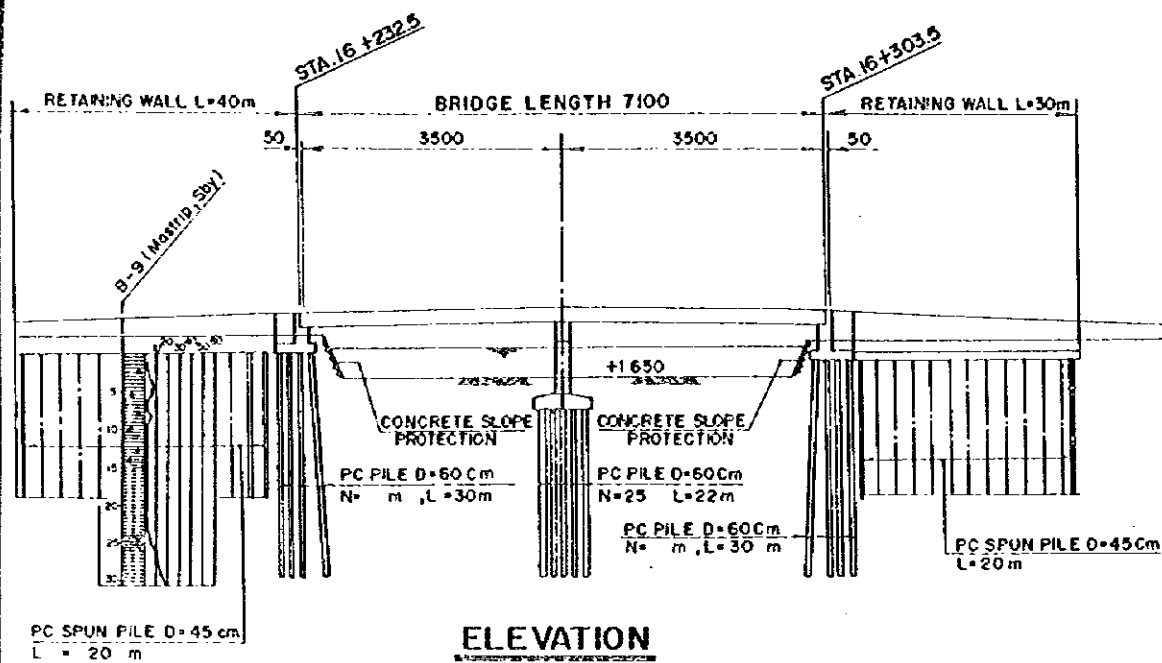
ELEVATION
S=1/500



PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	105	109
GENERAL VIEW OF BRIDGE (29)		SCALE 1/1000	
ROUTE-5 FLYOVER		ROUTE-4	

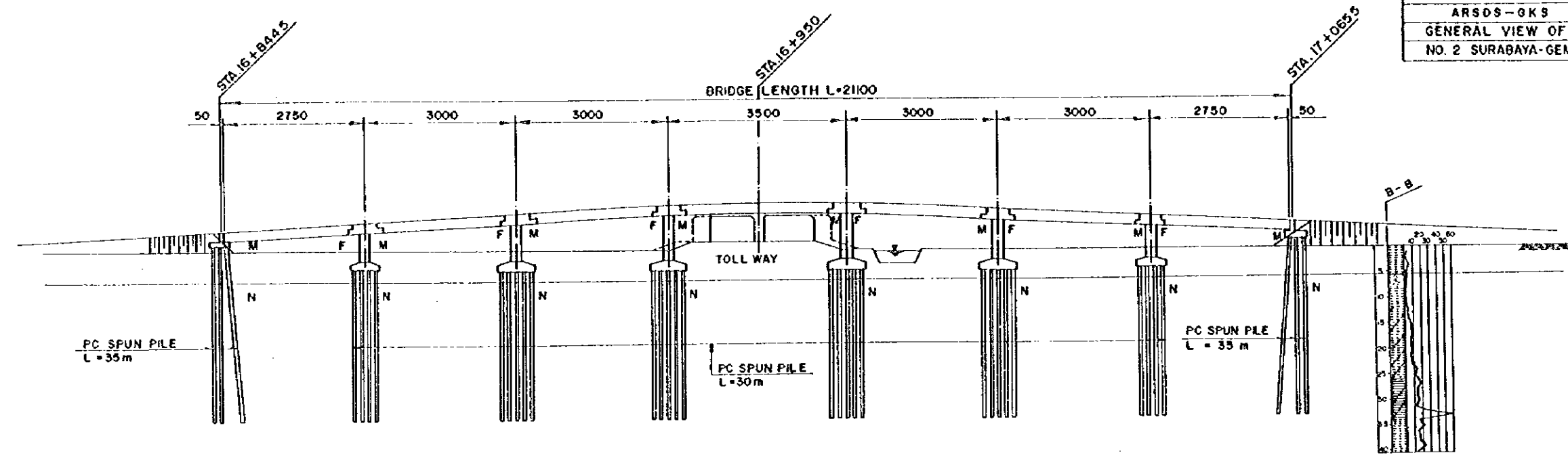


PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	106	109
GENERAL VIEW OF BRIDGE (30)		SCALE 1/1000	
NO. 2 SURABAYA BRIDGE		ROUTE - 6	

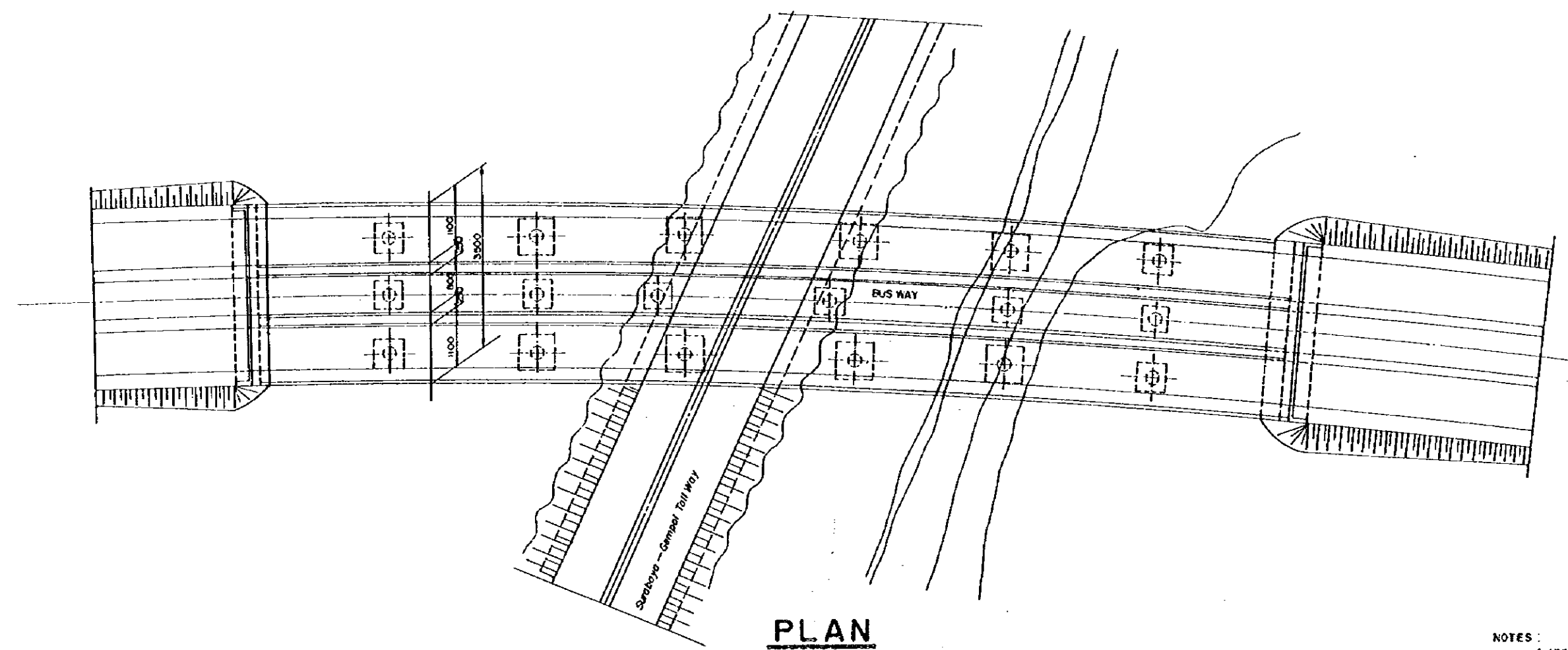


NOTES:
1. UNLESS OTHERWISE SHOWN TYPE OF SUPER
STRUCTURE IS PRECAST PRESTRESSED CONCRETE
I-SHAPE GIRDER

PROJECT	PROPINCE	SHEET NO	TOTAL SHEET
ARSDS - GK 9	EAST JAVA	107	109
GENERAL VIEW OF BRIDGE (31)		SCALE	1/1000
NO. 2 SURABAYA - GEMPOL TOLL ROAD FLYOVER. ROUTE - 5			



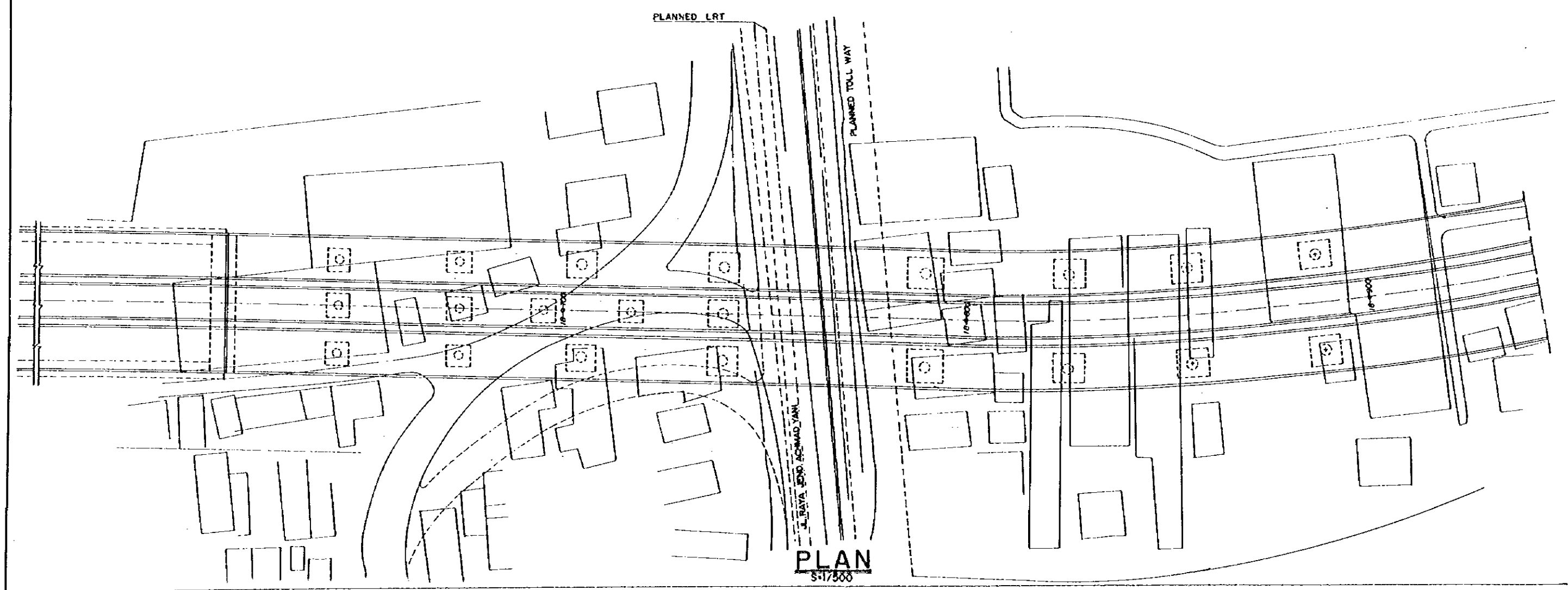
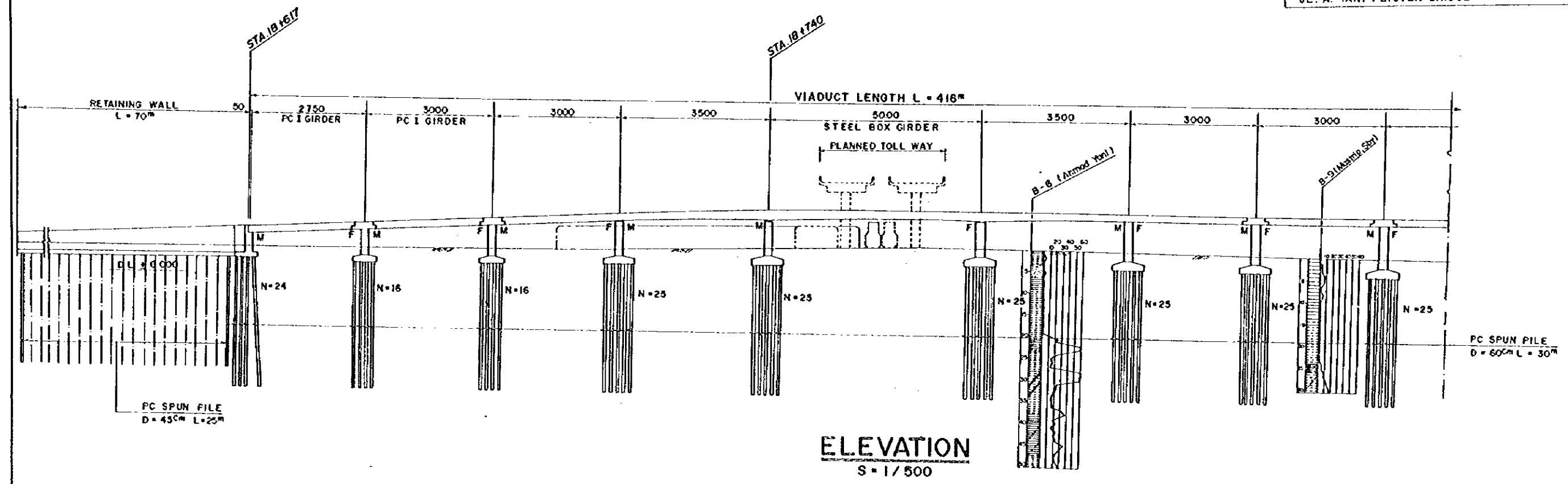
ELEVATION
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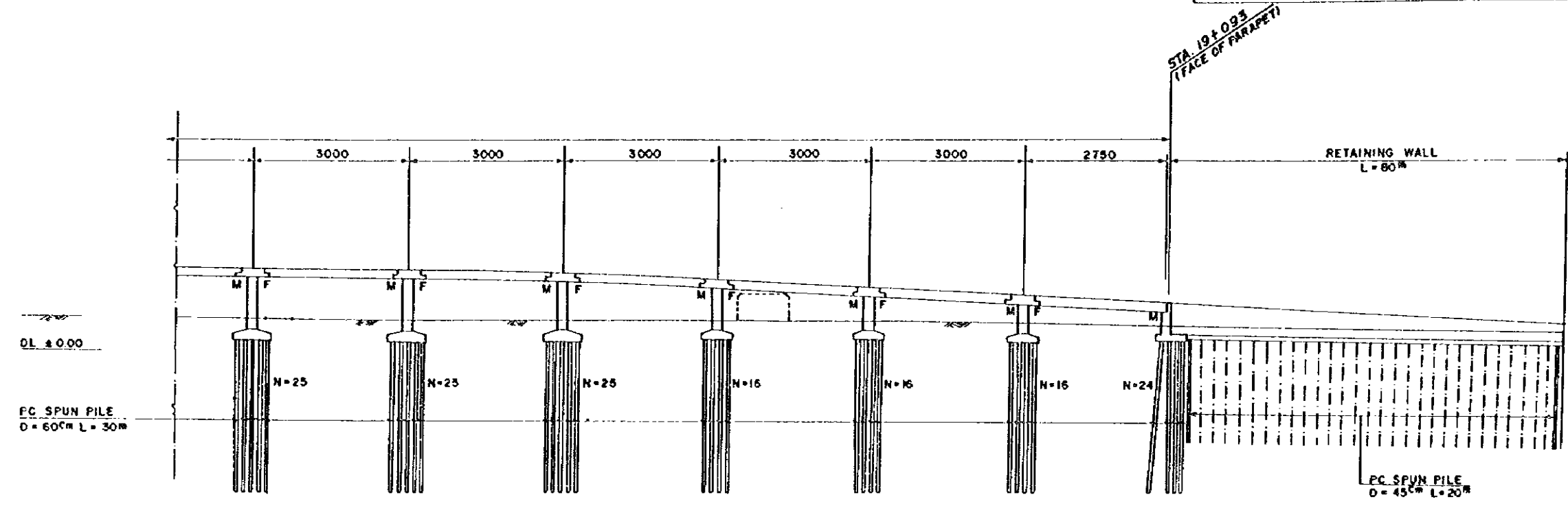
PLAN
S = 1/500

NOTES:
1 UNLESS OTHERWISE SHOWN TYPE OF
SUPER STRUCTURE IS I-SHAPED GIRDER
PRECAST PRESTRESSED CONCRETE

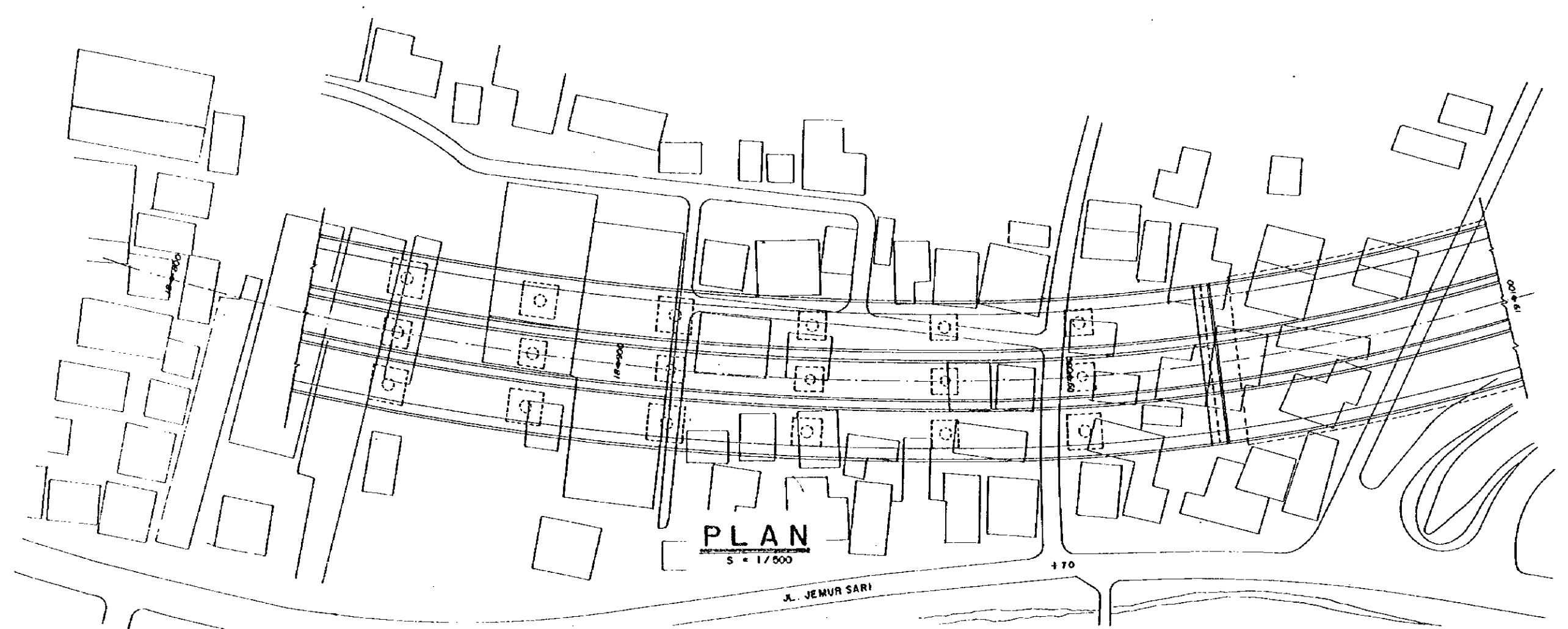
PROJECT	PROVINCE	SHEET NO	TOTAL SHEET
ARSDS - GKS	EAST JAVA	108	109
GENERAL VIEW OF BRIDGE (32)		SCALE 1/1000	
JL. A. YANI FLYOVER BRIDGE		ROUTE - 5	



PROJECT	PROPINCE	SHEET NO.	TOTAL SHEET
AR 303 - 8 K 3	EAST JAVA	109	109
GENERAL VIEW OF BRIDGE (33)		SCALE	1/1000
KETINTANG 1/C BRIDGE		ROUTE - 5	



ELEVATION
S = 1/500



PLAN
S = 1/500

JICA