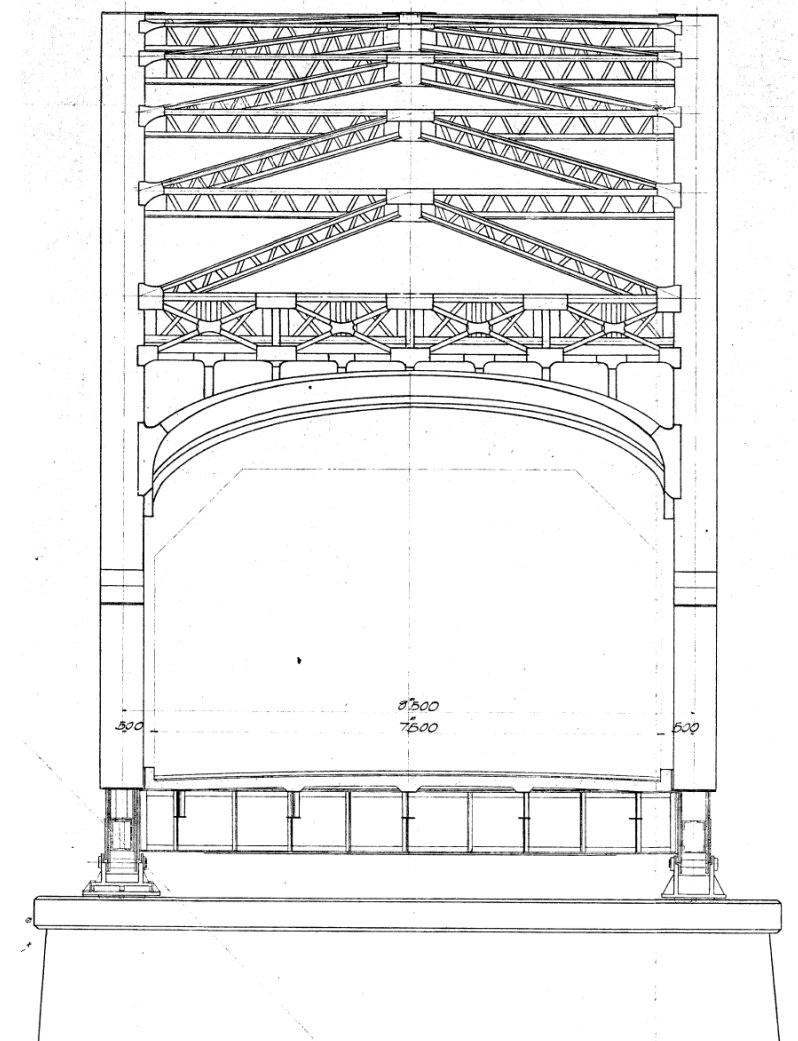
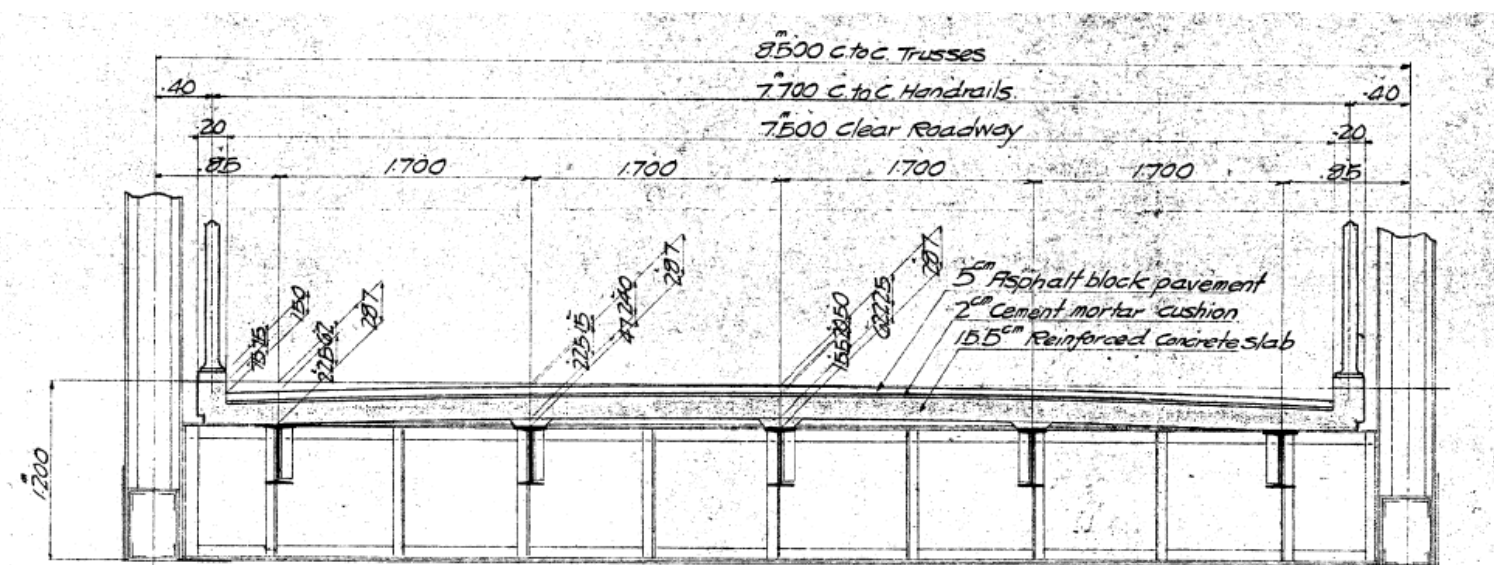
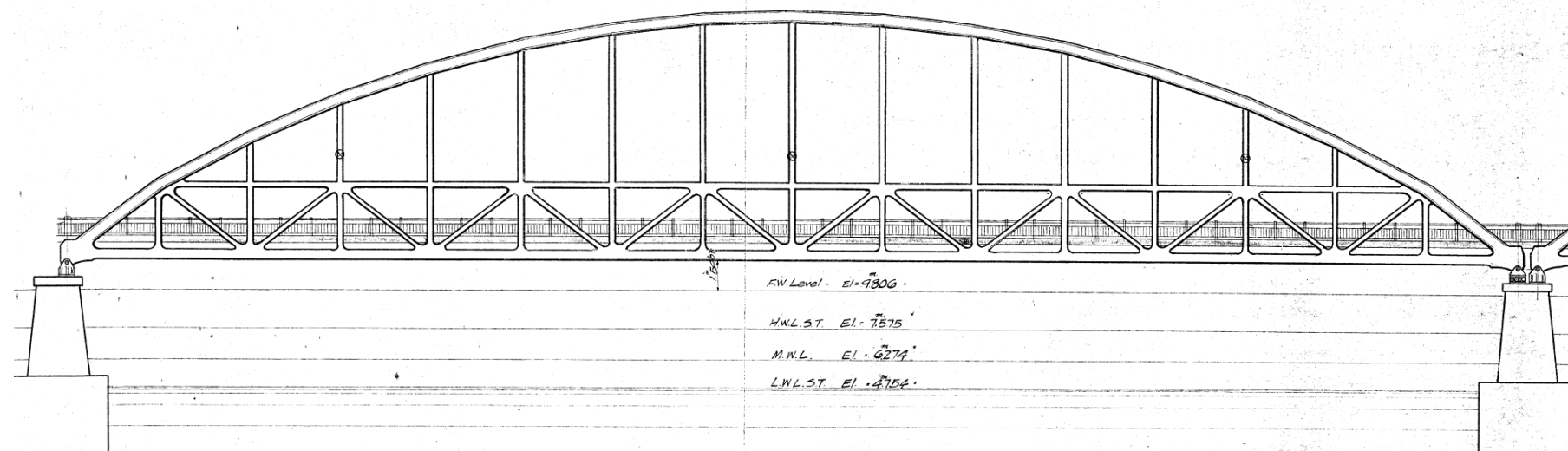
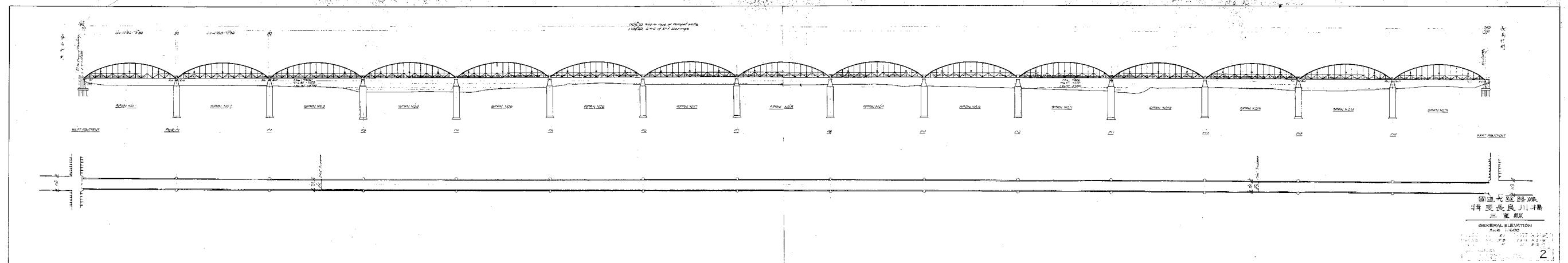
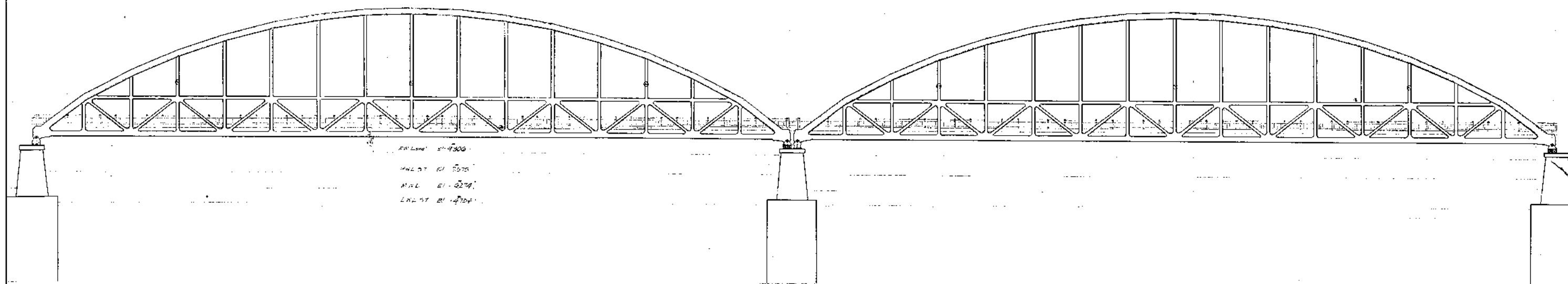


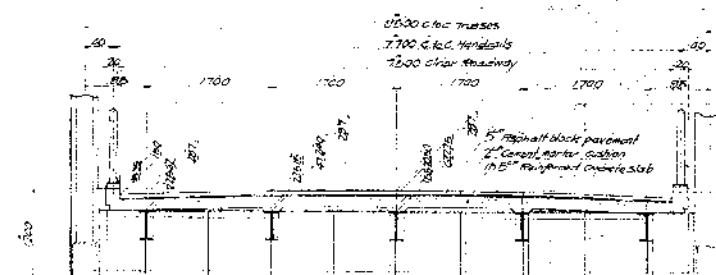
[伊勢大橋一般図]



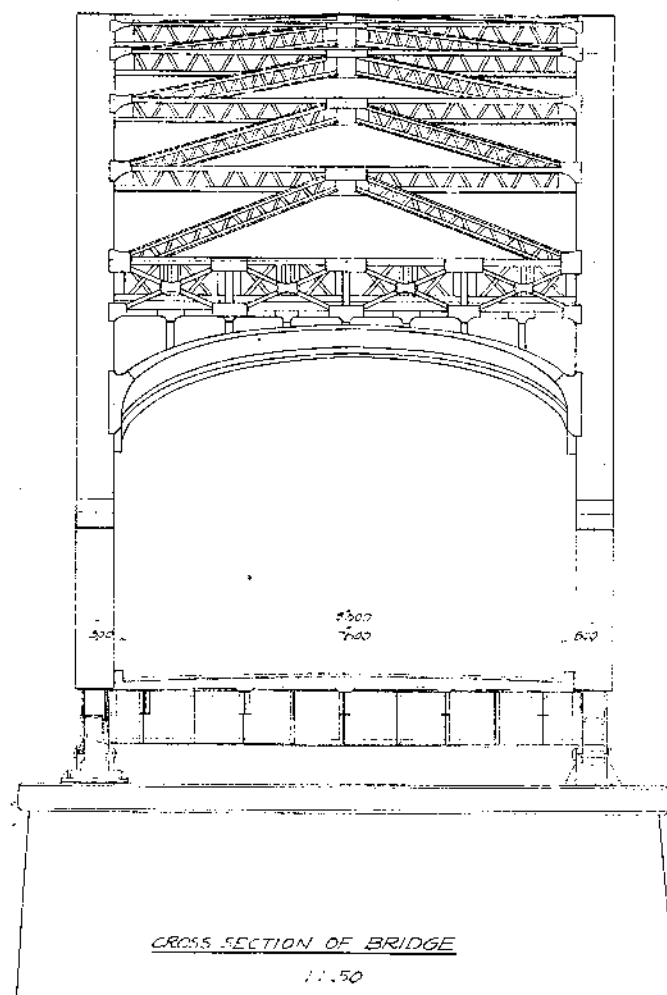


FIN LINE E-4300
 H.W. OF R. 5075
 M.H. OF R. 5274
 L.W. OF R. 4704

ELEVATION
 1:150



CROSS SECTION OF FLOOR
 1:40



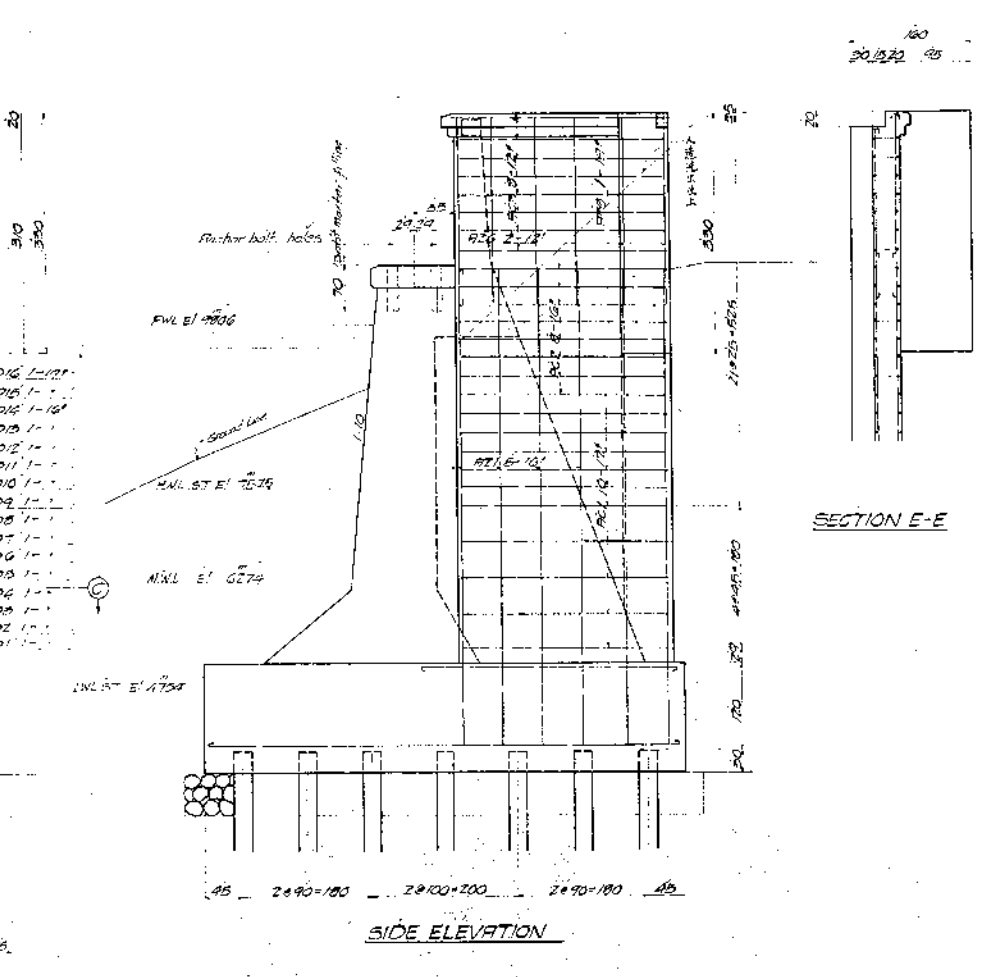
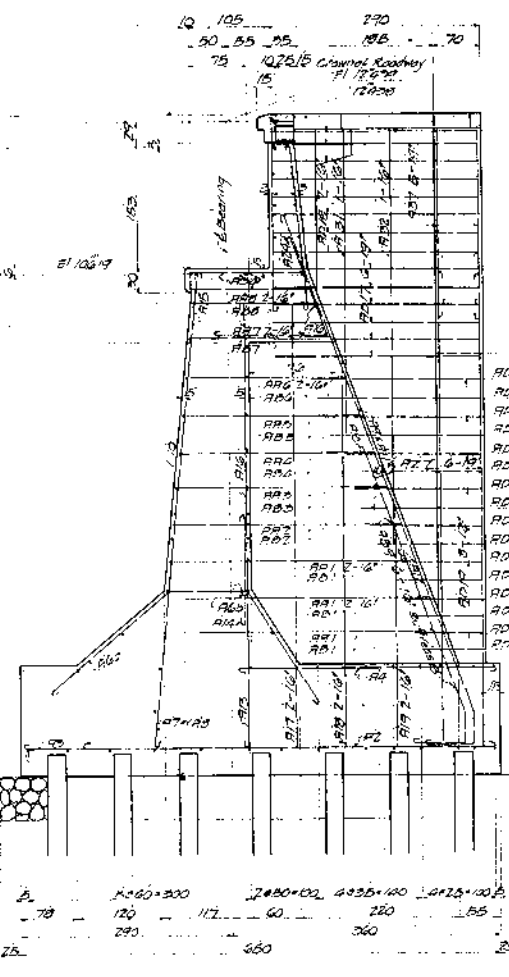
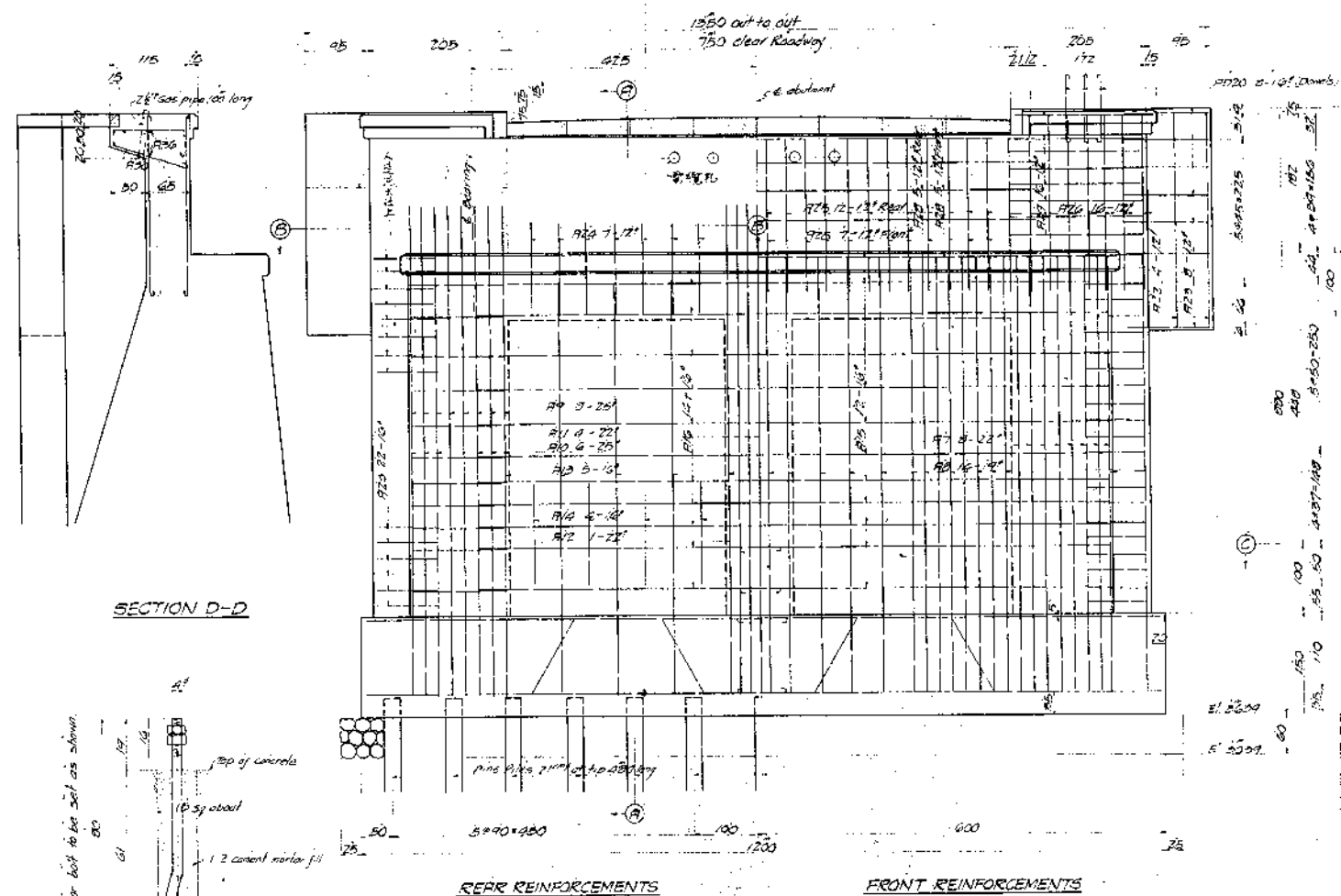
CROSS SECTION OF BRIDGE
 1:150

LIST OF DRAWINGS	
1	General Plan and Profile
2	General Elevation and Plan
3	General Elevation of Truss and Cross Section
4	Details of East Abutment
5	West
6	Flooring Girders for Perms. 3-4 and 11
7	12
8	Cutting details and Removable wooden cover plate on top of girders
9	Details of concrete work inside of flooring girder for Perms. 3-4 and 11
10	Details of concrete work above flooring girder for Perms. 3-4 and 11
11	Details of concrete work above flooring girder for Perms. 3-4 and 11
12	Details of steel for all floors
13	Map and Working sheets for pneumatic caisson
14	Plan and Material lists for pneumatic caisson
15	Details of floor slab
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17	Details of truss
18	1
19	2
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23	6 and shoes
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26	Details of lower chord
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29	Details of portals
30	Details of handrails and light fixtures

國道貳號路線
 揖斐長良川橋
 三重縣

GENERAL ELEVATION OF TRUSS
 AND CROSS SECTIONS
 Scale as shown

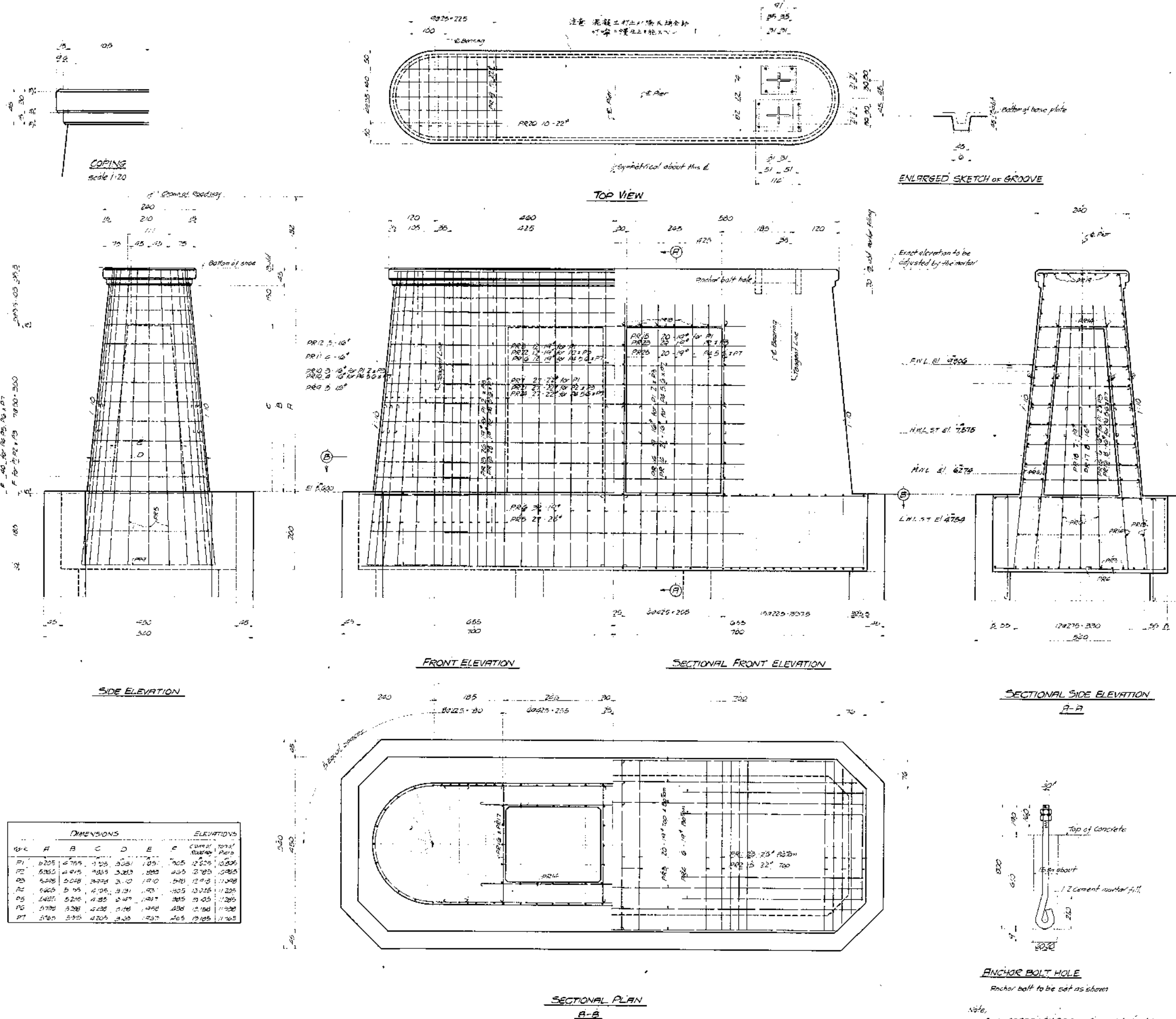
OWN 1/10 5-2-70
 BY 5-7-70
 3



LIST OF REINFORCEMENTS

Mark No.	Size	Length	Unit wt.	Weight	Mark No.	Size	Length	Unit wt.	Weight
R 1	20	270	2.47	667	R 16	10	270	0.62	167
R 2	20	270	2.47	667	R 17	10	270	0.62	167
R 3	20	270	2.47	667	R 18	10	270	0.62	167
R 4	20	270	2.47	667	R 19	10	270	0.62	167
R 5	20	270	2.47	667	R 20	10	270	0.62	167
R 6	20	270	2.47	667	R 21	10	270	0.62	167
R 7	20	270	2.47	667	R 22	10	270	0.62	167
R 8	20	270	2.47	667	R 23	10	270	0.62	167
R 9	20	270	2.47	667	R 24	10	270	0.62	167
R 10	20	270	2.47	667	R 25	10	270	0.62	167
R 11	20	270	2.47	667	R 26	10	270	0.62	167
R 12	20	270	2.47	667	R 27	10	270	0.62	167
R 13	20	270	2.47	667	R 28	10	270	0.62	167
R 14	20	270	2.47	667	R 29	10	270	0.62	167
R 15	20	270	2.47	667	R 30	10	270	0.62	167
R 16	10	270	0.62	167	R 31	10	270	0.62	167
R 17	10	270	0.62	167	R 32	10	270	0.62	167
R 18	10	270	0.62	167	R 33	10	270	0.62	167
R 19	10	270	0.62	167	R 34	10	270	0.62	167
R 20	10	270	0.62	167	R 35	10	270	0.62	167
R 21	10	270	0.62	167	R 36	10	270	0.62	167
R 22	10	270	0.62	167	R 37	10	270	0.62	167
R 23	10	270	0.62	167	R 38	10	270	0.62	167
R 24	10	270	0.62	167	R 39	10	270	0.62	167
R 25	10	270	0.62	167	R 40	10	270	0.62	167
R 26	10	270	0.62	167	R 41	10	270	0.62	167
R 27	10	270	0.62	167	R 42	10	270	0.62	167
R 28	10	270	0.62	167	R 43	10	270	0.62	167
R 29	10	270	0.62	167	R 44	10	270	0.62	167
R 30	10	270	0.62	167	R 45	10	270	0.62	167
R 31	10	270	0.62	167	R 46	10	270	0.62	167
R 32	10	270	0.62	167	R 47	10	270	0.62	167
R 33	10	270	0.62	167	R 48	10	270	0.62	167
R 34	10	270	0.62	167	R 49	10	270	0.62	167
R 35	10	270	0.62	167	R 50	10	270	0.62	167
R 36	10	270	0.62	167	R 51	10	270	0.62	167
R 37	10	270	0.62	167	R 52	10	270	0.62	167
R 38	10	270	0.62	167	R 53	10	270	0.62	167
R 39	10	270	0.62	167	R 54	10	270	0.62	167
R 40	10	270	0.62	167	R 55	10	270	0.62	167
R 41	10	270	0.62	167	R 56	10	270	0.62	167
R 42	10	270	0.62	167	R 57	10	270	0.62	167
R 43	10	270	0.62	167	R 58	10	270	0.62	167
R 44	10	270	0.62	167	R 59	10	270	0.62	167
R 45	10	270	0.62	167	R 60	10	270	0.62	167
R 46	10	270	0.62	167	R 61	10	270	0.62	167
R 47	10	270	0.62	167	R 62	10	270	0.62	167
R 48	10	270	0.62	167	R 63	10	270	0.62	167
R 49	10	270	0.62	167	R 64	10	270	0.62	167
R 50	10	270	0.62	167	R 65	10	270	0.62	167
R 51	10	270	0.62	167	R 66	10	270	0.62	167
R 52	10	270	0.62	167	R 67	10	270	0.62	167
R 53	10	270	0.62	167	R 68	10	270	0.62	167
R 54	10	270	0.62	167	R 69	10	270	0.62	167
R 55	10	270	0.62	167	R 70	10	270	0.62	167
R 56	10	270	0.62	167	R 71	10	270	0.62	167
R 57	10	270	0.62	167	R 72	10	270	0.62	167
R 58	10	270	0.62	167	R 73	10	270	0.62	167
R 59	10	270	0.62	167	R 74	10	270	0.62	167
R 60	10	270	0.62	167	R 75	10	270	0.62	167
R 61	10	270	0.62	167	R 76	10	270	0.62	167
R 62	10	270	0.62	167	R 77	10	270	0.62	167
R 63	10	270	0.62	167	R 78	10	270	0.62	167
R 64	10	270	0.62	167	R 79	10	270	0.62	167
R 65	10	270	0.62	167	R 80	10	270	0.62	167
R 66	10	270	0.62	167	R 81	10	270	0.62	167
R 67	10	270	0.62	167	R 82	10	270	0.62	167
R 68	10	270	0.62	167	R 83	10	270	0.62	167
R 69	10	270	0.62	167	R 84	10	270	0.62	167
R 70	10	270	0.62	167	R 85	10	270	0.62	167
R 71	10	270	0.62	167	R 86	10	270	0.62	167
R 72	10	270	0.62	167	R 87	10	270	0.62	167
R 73	10	270	0.62	167	R 88	10	270	0.62	167
R 74	10	270	0.62	167	R 89	10	270	0.62	167
R 75	10	270	0.62	167	R 90	10	270	0.62	167
R 76	10	270	0.62	167	R 91	10	270	0.62	167
R 77	10	270	0.62	167	R 92	10	270	0.62	167
R 78	10	270	0.62	167	R 93	10	270	0.62	167
R 79	10	270	0.62	167	R 94	10	270	0.62	167
R 80	10	270	0.62	167	R 95	10	270	0.62	167
R 81	10	270	0.62	167	R 96	10	270	0.62	167
R 82	10	270	0.62	167	R 97	10	270	0.62	167
R 83	10	270	0.62	167	R 98	10	270	0.62	167
R 84	10	270	0.62	167	R 99	10	270	0.62	167
R 85	10	270	0.62	167	R 100	10	270	0.62	167

國道式號路線
揖斐長良川橋
三重縣
DETAILS OF EAST ABUTMENT
Scale 1:40



LIST OF REINFORCEMENTS									
FOR P1									
Mark	No.	Size	Length	Unit wt.	Proc. wt.	Total wt.	Remarks	Plan bars	
PR1	40	25	425	30.5	1220	4900	Base of shaft		
PR2	20	22	400	23.8	1420	2780			
PR3	40	19	715	22.2	1587	6240			
PR4	12		500		110	1302			
PR5	54	25	460	30.5	1771	9660	Shaft vert.		
PR6	54	19	445	22.2	1278	6620			
PR7	54	22	400	27.8	1587	6240			
PR8	24	19	340	22.2	866	2070			
PR9	9	16	720	15.7	1142	977	End hoop		
PR10	8		605		1044	826			
PR11	8		605		1044	826			
PR12	10		545		896	896			
PR13	24	25	475	30.5	1807	9166	Shaft horiz.		
PR14	19	16	690	15.7	1089	2088	Hollow horiz.		
PR15	20		720	27.8	622	2400	Vert.		
PR16	12	16	325	15.7	510	612	hoop		
PR17	16		240		465	720			
PR18	14	19	250	22.2	855	777	Hollow top horiz.		
PR19	10	22	300	29.8	894	894	Shoe base		
PR20	20		250		775	1550			
							62776 kg		
							616208 kg tons		

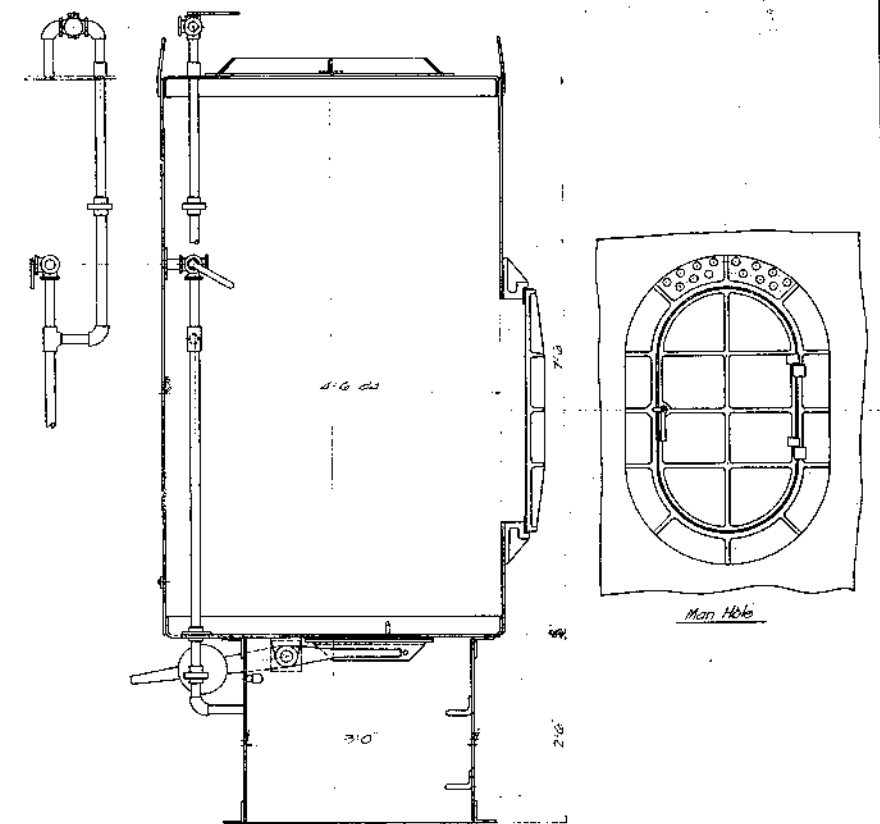
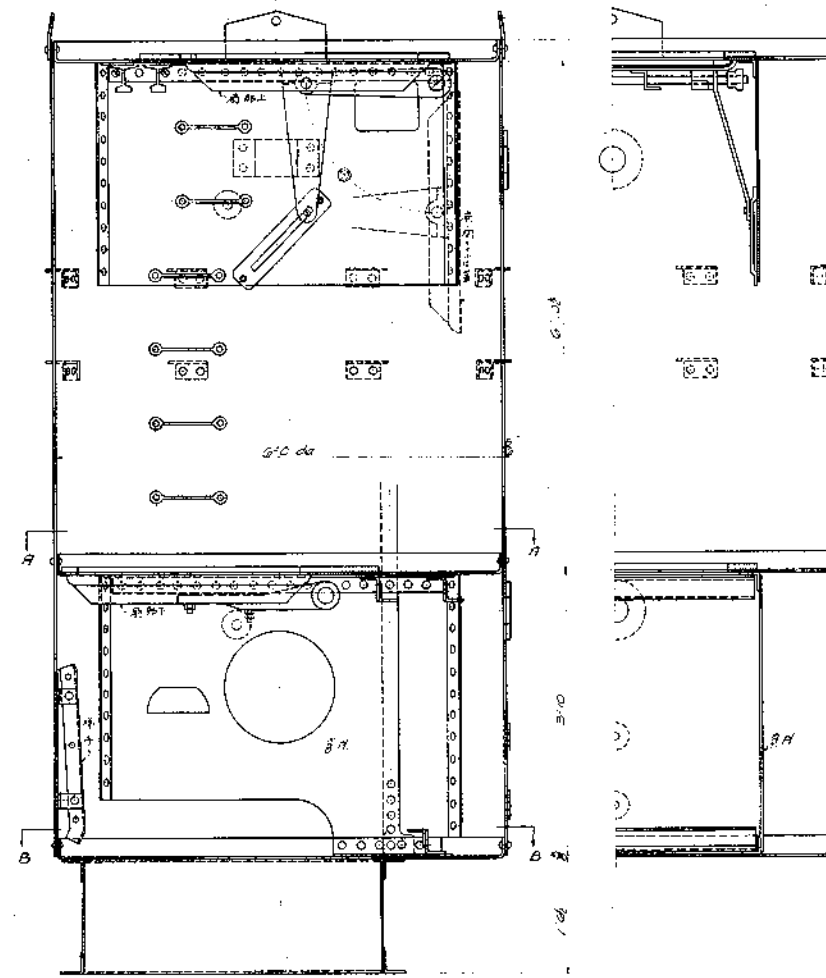
FOR P2 & P3									
PR1	40	25	425	30.5	1220	4900	Base of shaft		
PR2	20	22	400	23.8	1420	2780			
PR3	40	19	715	22.2	1587	6240			
PR4	12		500		110	1302			
PR5	54	25	460	30.5	1771	9660	Shaft vert.		
PR6	54	19	445	22.2	1278	6620			
PR7	54	22	400	27.8	1587	6240			
PR8	24	19	340	22.2	866	2070			
PR9	9	16	720	15.7	1142	977	End hoop		
PR10	8		605		1044	826			
PR11	8		605		1044	826			
PR12	10		545		896	896			
PR13	24	25	475	30.5	1807	9166	Shaft horiz.		
PR14	19	16	690	15.7	1089	2088	Hollow		
PR15	20		720	27.8	622	2400	Vert.		
PR16	12	16	325	15.7	510	612	hoop		
PR17	16		240		465	720			
PR18	14	19	250	22.2	855	777	Hollow top horiz.		
PR19	10	22	300	29.8	894	894	Shoe base		
PR20	20		250		775	1550			
							63074 kg		
							616208 kg tons		

FOR P4, P5, P6 & P7									
PR1	40	25	425	30.5	1220	4900	Base of shaft		
PR2	20	22	400	23.8	1420	2780			
PR3	40	19	715	22.2	1587	6240			
PR4	12		500		110	1302			
PR5	54	25	460	30.5	1771	9660	Shaft vert.		
PR6	54	19	445	22.2	1278	6620			
PR7	54	22	400	27.8	1587	6240			
PR8	24	19	340	22.2	866	2070			
PR9	9	16	720	15.7	1142	977	End hoop		
PR10	8		605		1044	826			
PR11	8		605		1044	826			
PR12	10		545		896	896			
PR13	24	25	475	30.5	1807	9166	Shaft horiz.		
PR14	19	16	690	15.7	1089	2088	Hollow		
PR15	20		720	27.8	622	2400	Vert.		
PR16	12	16	325	15.7	510	612	hoop		
PR17	16		240		465	720			
PR18	14	19	250	22.2	855	777	Hollow top horiz.		
PR19	10	22	300	29.8	894	894	Shoe base		
PR20	20		250		775	1550			
							63074 kg		
							616208 kg tons		

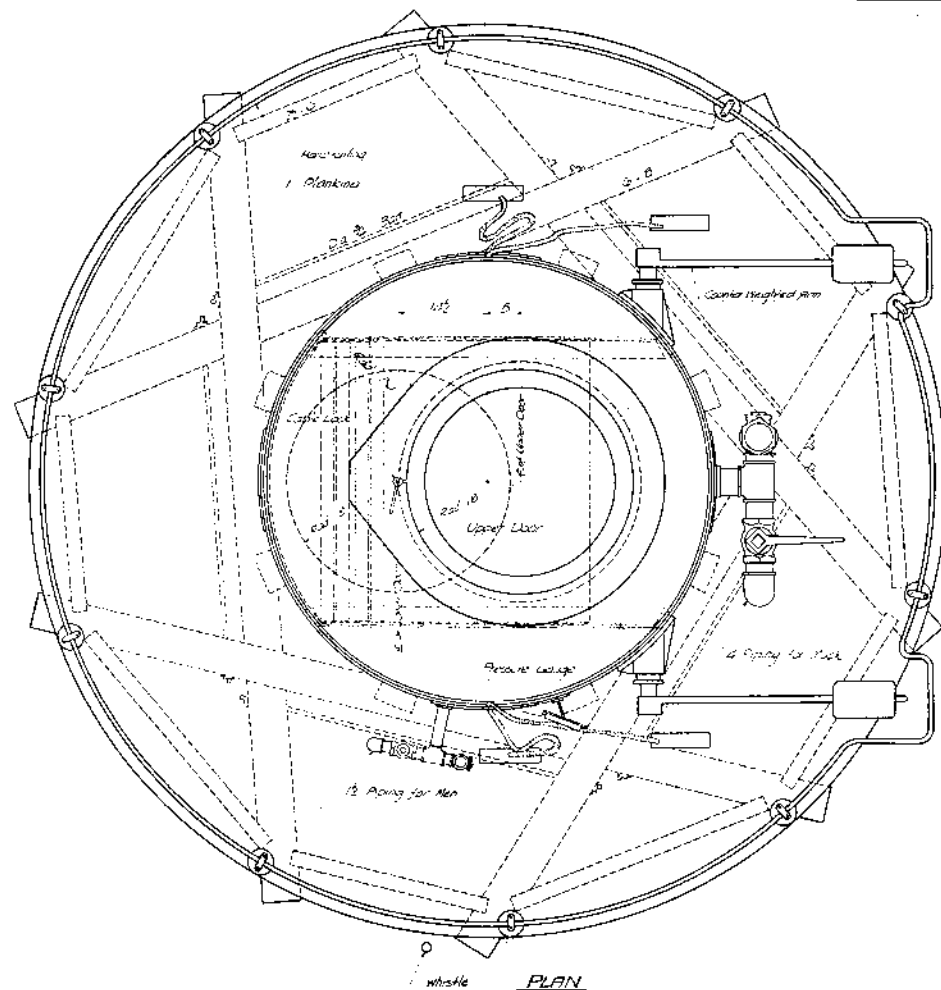
國道式號路線
揖斐長良川橋
三重縣

DETAILS OF SHAFT FOR ALL PIERS
Scale 1:40

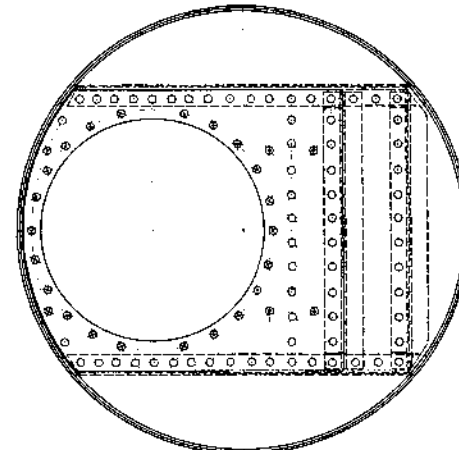
DRAWN BY: M.I. DATE: 5.27
CHECKED BY: S.I. DATE: 5.28
APPROVED BY: M.K. DATE: 5.27
JUN. KASUGA
CONSULTING ENGINEER
TOKYO, JAPAN



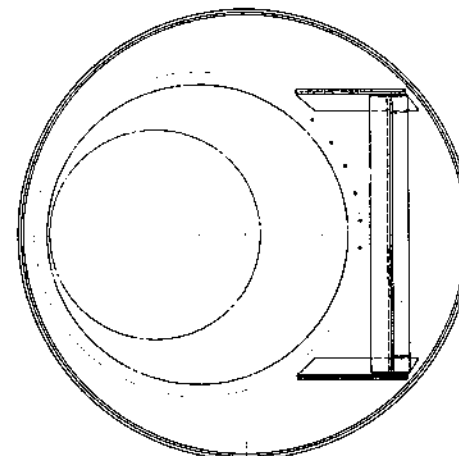
MATERIAL LOCK



PLAN



SECTION A A



SECTION B B

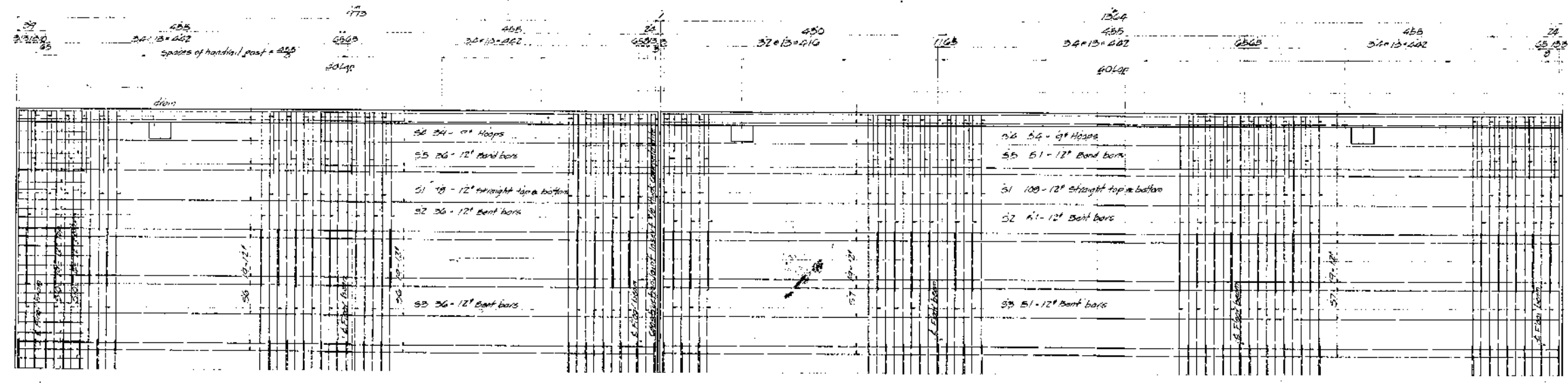
注意
茲、指示セル材料凡開ハ、ミミラ、ク、ワ、ウ、ン、デ、ン、ノ、合、法、
ト、モ、特、許、第、一、ノ、一、般、據、造、ト、モ、也、ナリ、材料及
人、氣、開、ノ、潜、造、工、事、ハ、人、命、因、ス、ル、重、要、ノ、部、分、
ニ、テ、以、テ、必、當、行、ハ、ル、使、用、セ、ル、場、合、ニ、諸、人、ハ、特
許、特、權、ト、モ、特、許、承、取、ト、モ、新、學、給、與、方、其
許、計、ハ、格、類、ト、モ、本、機、使、用、ノ、際、ト、モ、交、際、ト、モ、樣、各、部
宛、請、セ、ル、紙、付、便、用、ナ、ル、
茲、一、二、施、設、計、者、ハ、本、機、ノ、圖、面、姓、共、ト、特、承、取
計、ハ、一、般、ノ、紙、付、ハ、製、作、ノ、前、後、ハ、生、キ、得、不

Scale 1" = 1' 0"

DRAWN BY _____ DATE _____
 TRACED BY _____ DATE _____
 CHECKED BY _____ DATE _____

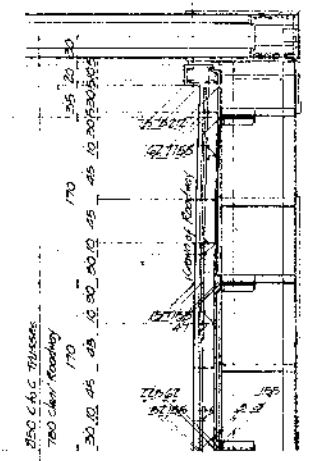
JUN MABODA
 CONSULTING STRUCTURAL ENGINEER
 BLDG. TOKYO.

14

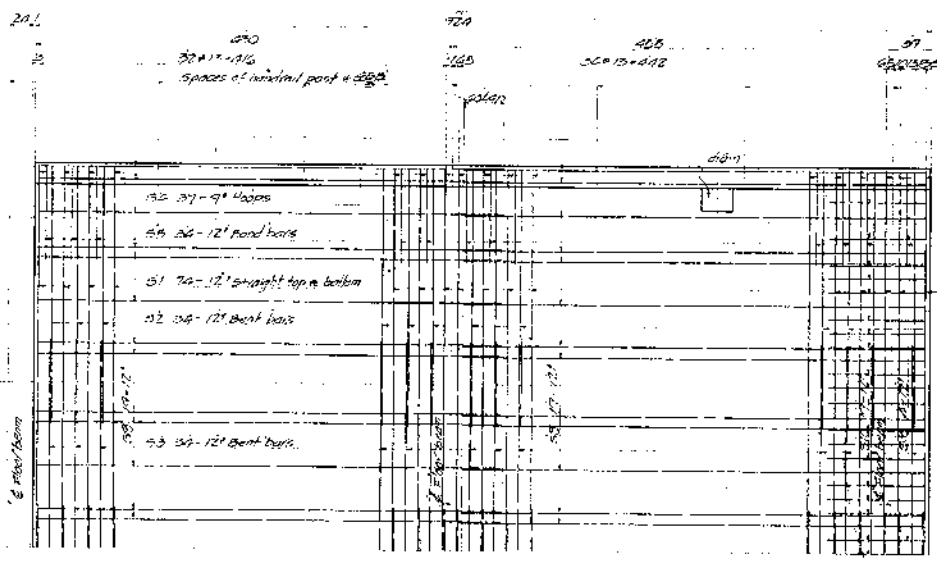


SLAB NO. 1

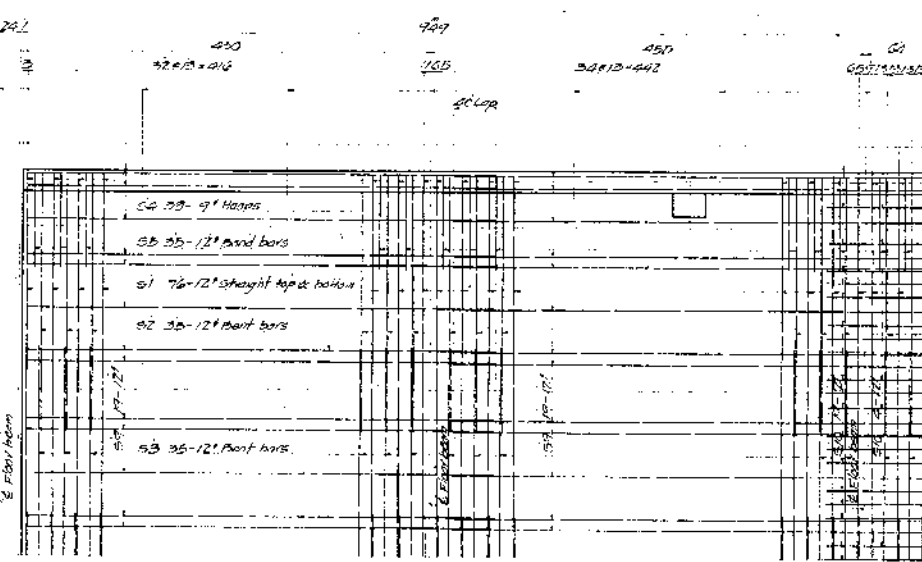
SLAB NO. 2



CROSS SECTION



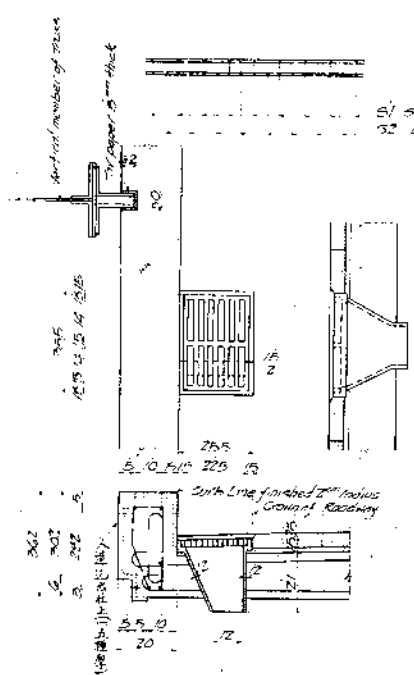
SLAB NO. 3



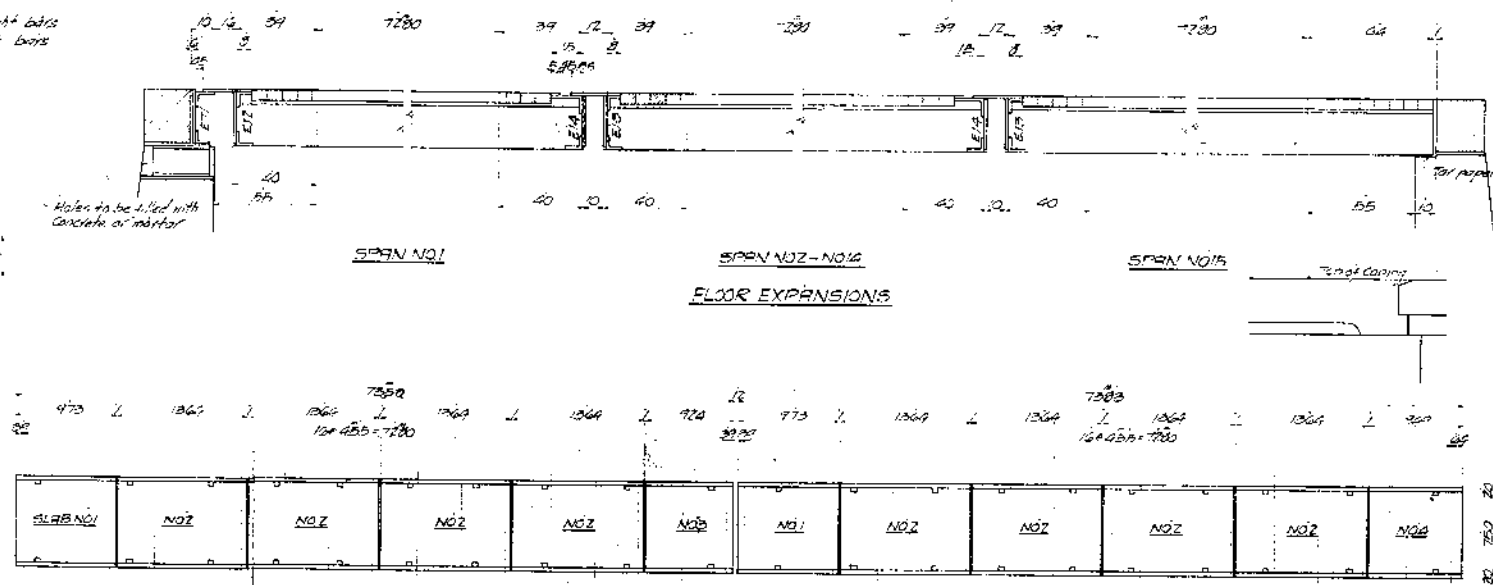
SLAB NO. 4

LIST OF REINFORCEMENTS										Plan bars	
Mark	No	Bar	Length	Unit	Quantity	Total	Mark	No	Bar	Length	Unit
Slab No. 1											
5.1	12	12	12	12	12	12	5.1	12	12	12	12
5.2	12	12	12	12	12	12	5.2	12	12	12	12
5.3	12	12	12	12	12	12	5.3	12	12	12	12
5.4	12	12	12	12	12	12	5.4	12	12	12	12
5.5	12	12	12	12	12	12	5.5	12	12	12	12
5.6	12	12	12	12	12	12	5.6	12	12	12	12
5.7	12	12	12	12	12	12	5.7	12	12	12	12
Slab No. 2											
5.1	12	12	12	12	12	12	5.1	12	12	12	12
5.2	12	12	12	12	12	12	5.2	12	12	12	12
5.3	12	12	12	12	12	12	5.3	12	12	12	12
5.4	12	12	12	12	12	12	5.4	12	12	12	12
5.5	12	12	12	12	12	12	5.5	12	12	12	12
5.6	12	12	12	12	12	12	5.6	12	12	12	12
5.7	12	12	12	12	12	12	5.7	12	12	12	12
Slab No. 3											
5.1	12	12	12	12	12	12	5.1	12	12	12	12
5.2	12	12	12	12	12	12	5.2	12	12	12	12
5.3	12	12	12	12	12	12	5.3	12	12	12	12
5.4	12	12	12	12	12	12	5.4	12	12	12	12
5.5	12	12	12	12	12	12	5.5	12	12	12	12
5.6	12	12	12	12	12	12	5.6	12	12	12	12
5.7	12	12	12	12	12	12	5.7	12	12	12	12
Slab No. 4											
5.1	12	12	12	12	12	12	5.1	12	12	12	12
5.2	12	12	12	12	12	12	5.2	12	12	12	12
5.3	12	12	12	12	12	12	5.3	12	12	12	12
5.4	12	12	12	12	12	12	5.4	12	12	12	12
5.5	12	12	12	12	12	12	5.5	12	12	12	12
5.6	12	12	12	12	12	12	5.6	12	12	12	12
5.7	12	12	12	12	12	12	5.7	12	12	12	12

MARKING DIAGRAM



DETAIL

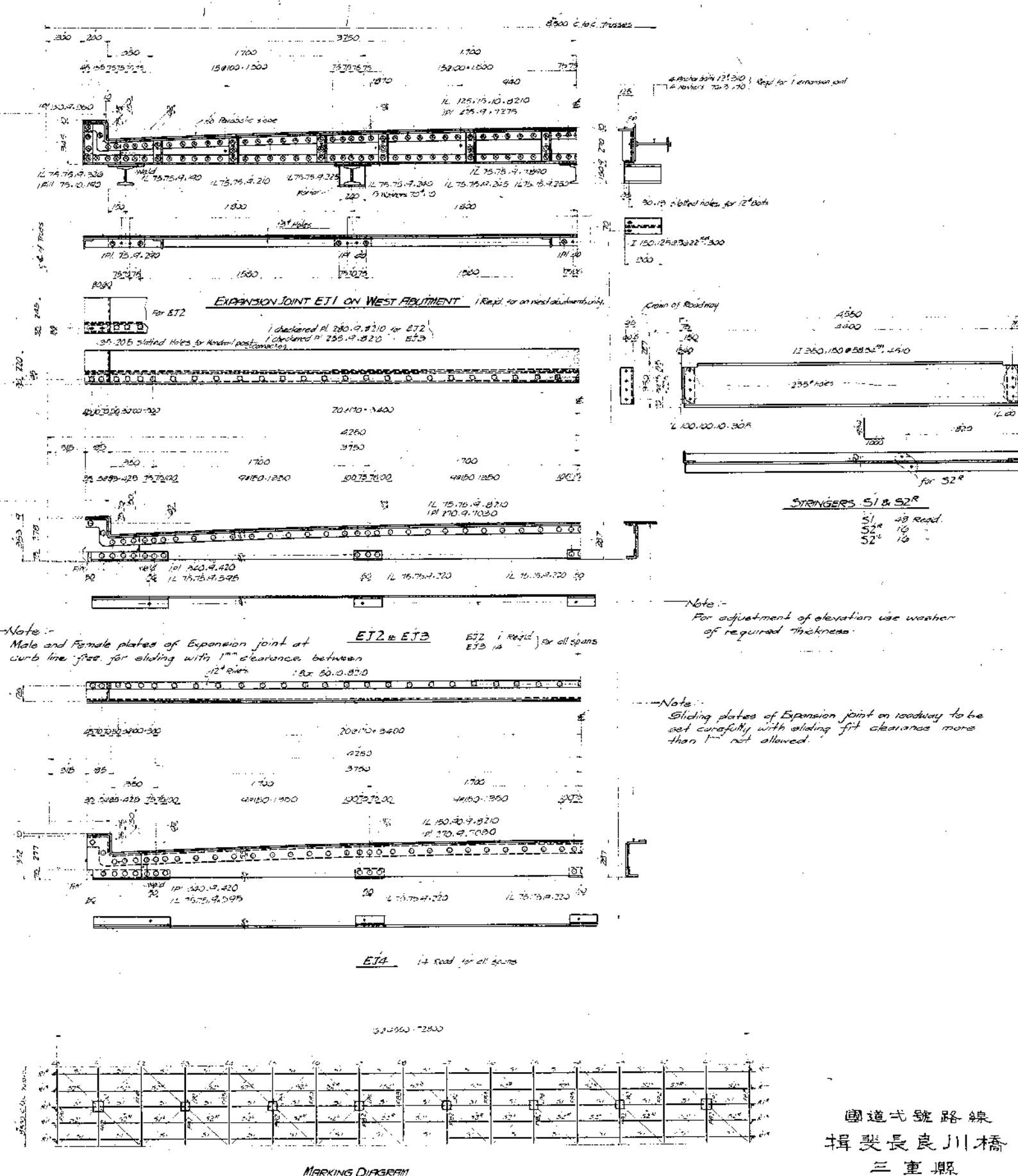
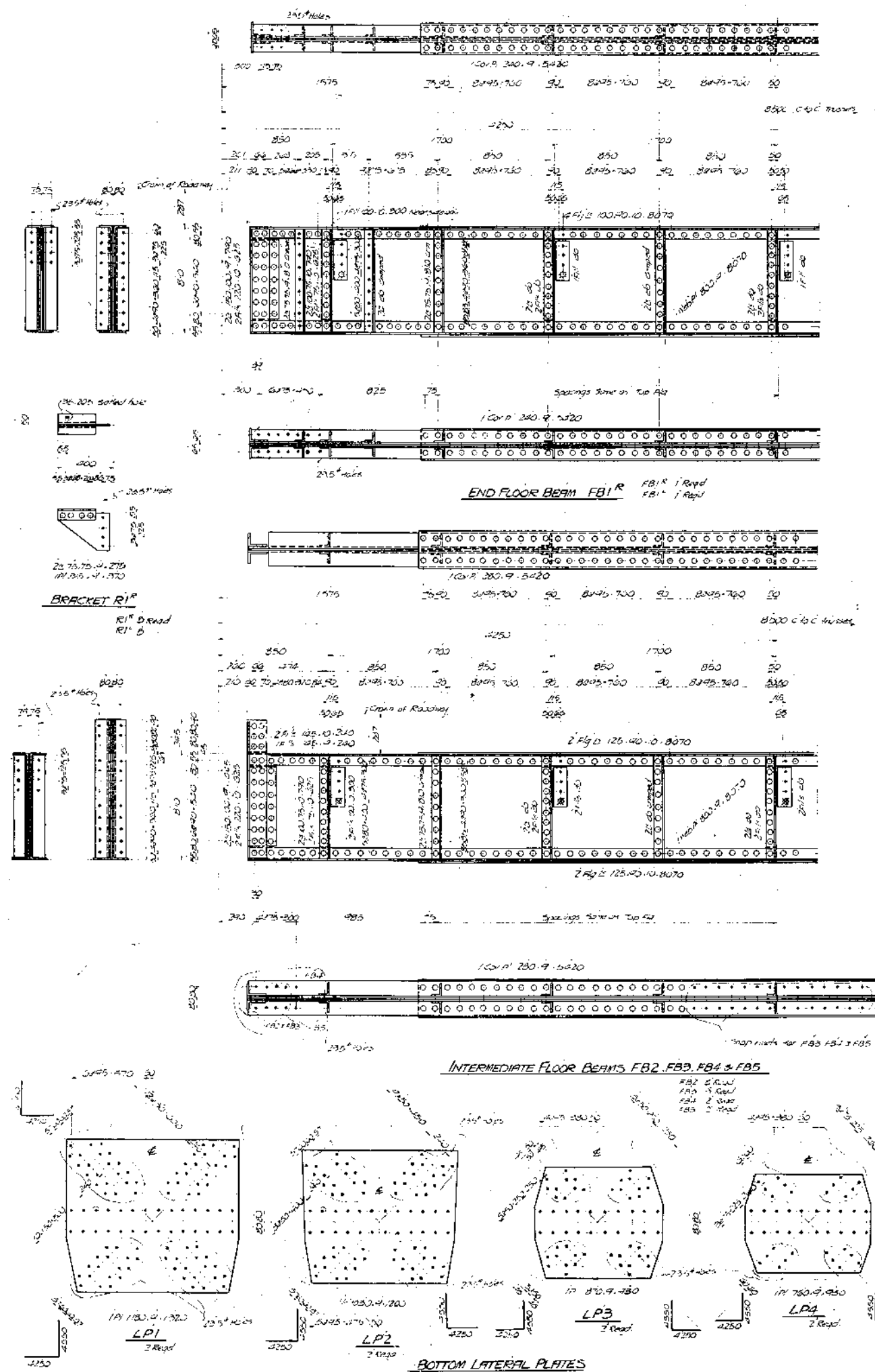


MARKING DIAGRAM

國道式號路線
揖斐長良川橋
三重縣

DETAILS OF FLOOR SLAB
Scale: 1:30

M.1	5-7-15
M.2	5-7-15
M.3	5-7-15



GENERAL NOTES

MATERIAL: O.H. Steel

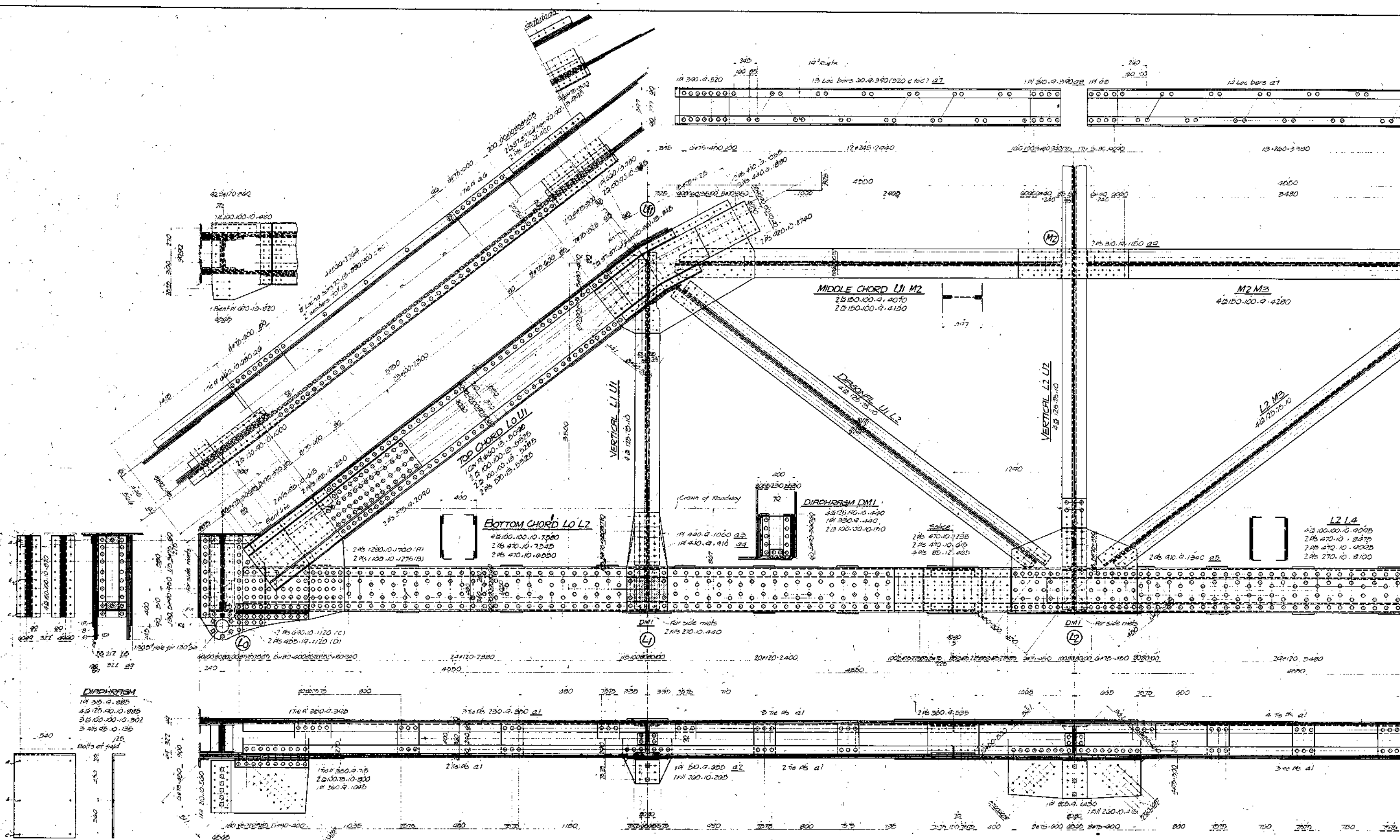
RIVETS: 19" Square as noted

OPEN HOLES: 205 Except as noted

國道式號路線
揖斐長良川橋
三重縣

DETAILS OF STRINGERS, FLOOR
BEAMS & EXPANSION JOINTS
Scale 1:15

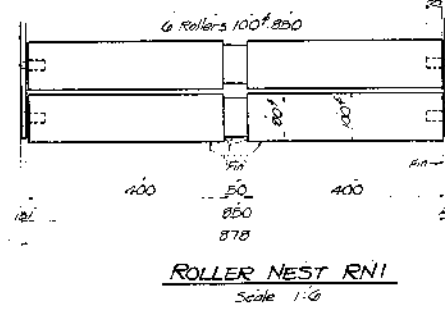
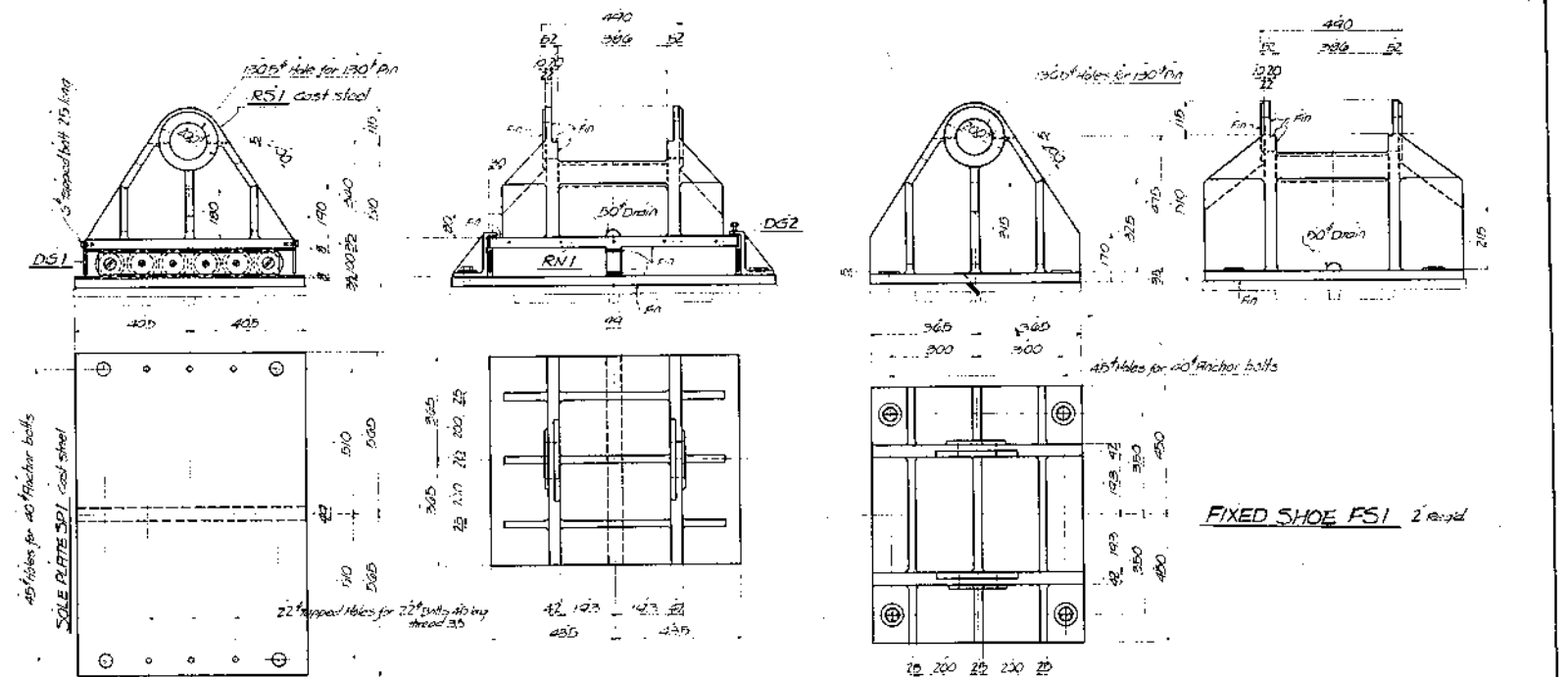
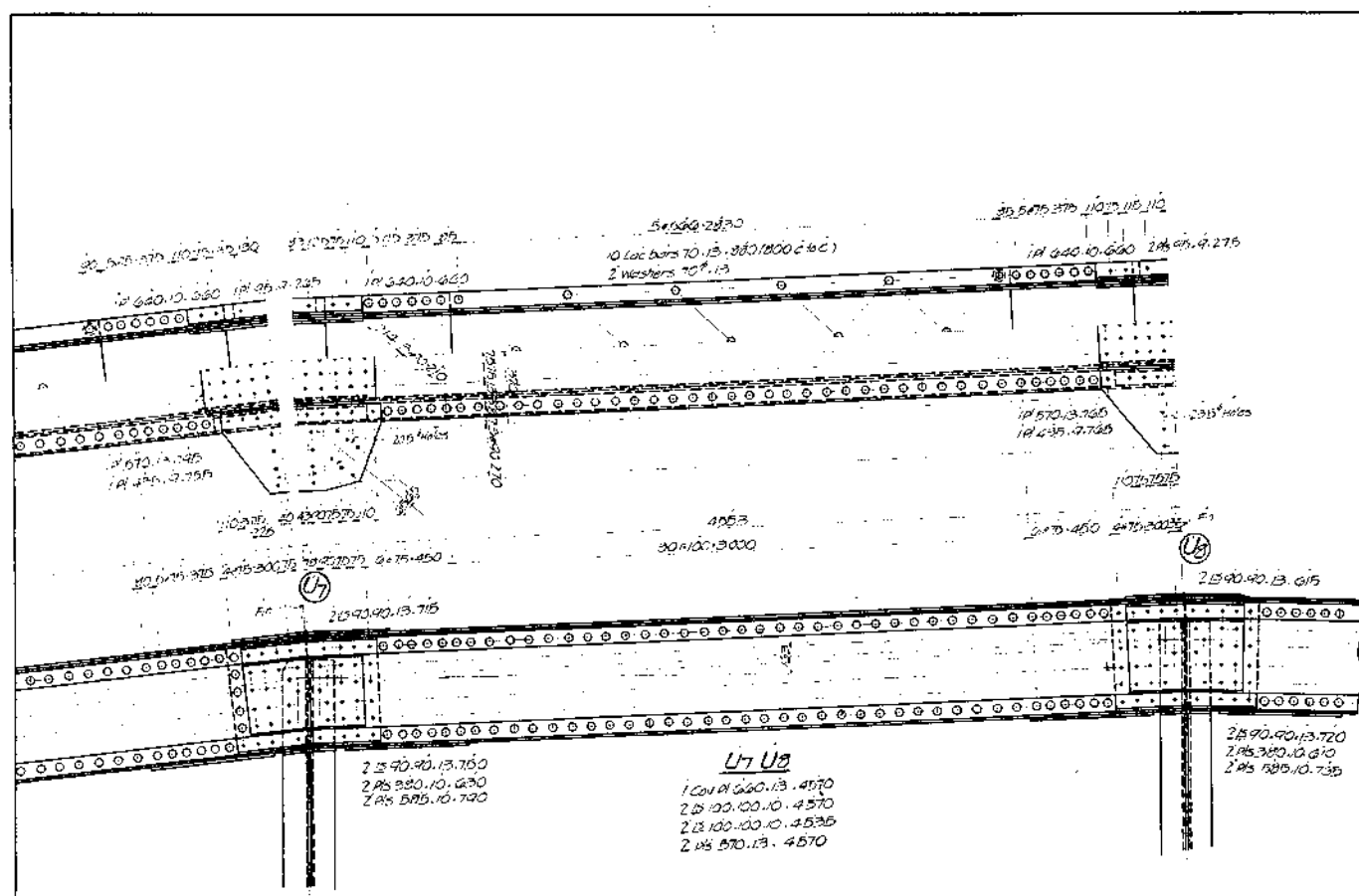
DATE: 5-7-57
DRAWN: 7-1-57
CHECKED: 7-1-57
DESIGNED: 7-1-57
BY: 7-1-57
16



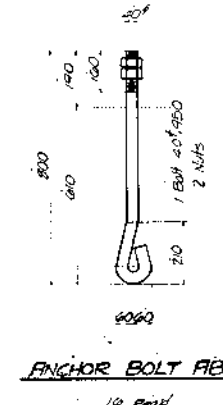
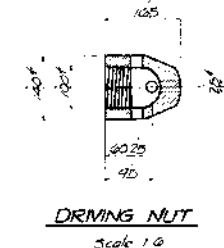
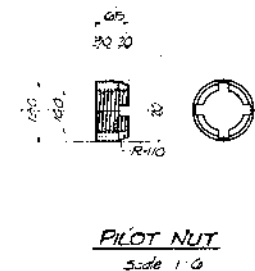
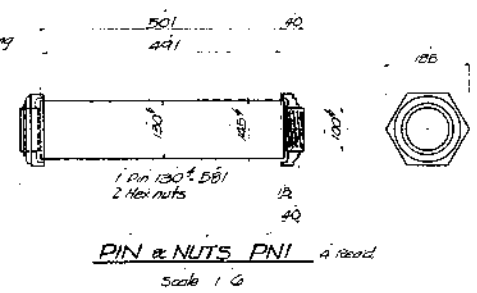
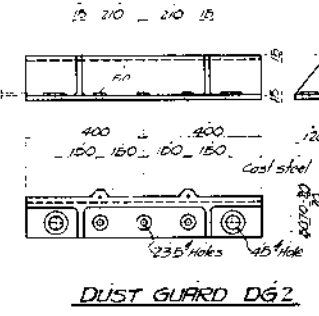
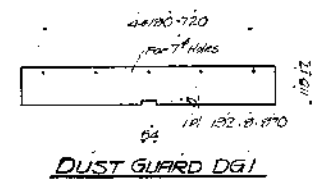
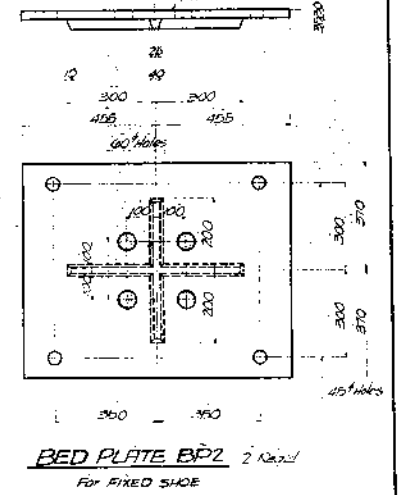
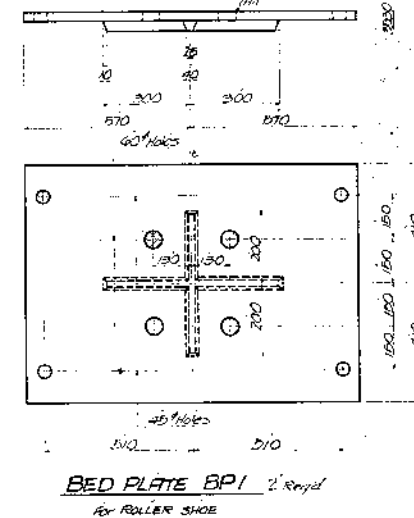
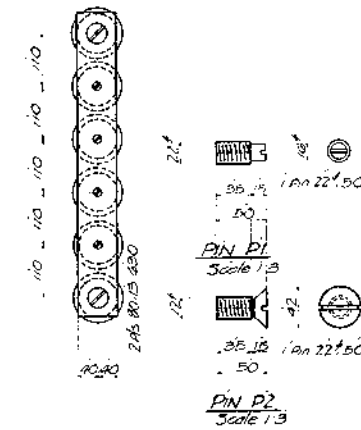
國道式號路線
 揖斐長良川橋
 三重縣

DETAILS OF TRUSS I			
Scale 1:15			
DRAWN BY	LM	DATE	2-2-19
TRACED BY	EV	DATE	2-6-21
CHECKED BY	RD	DATE	3-10-30
JIUN MASUDA CONSULTING ENGINEER Bldg. TOKYO			
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GENERAL NOTES
 MATERIAL O.H. steel
 RIVETS 22# except as noted
 OPEN HOLES 23#



ROLLER SHOE RS1 2 each



GENERAL NOTES

MATERIAL O.H. steel
RIVETS 22#
OPEN HOLES 25# except as noted

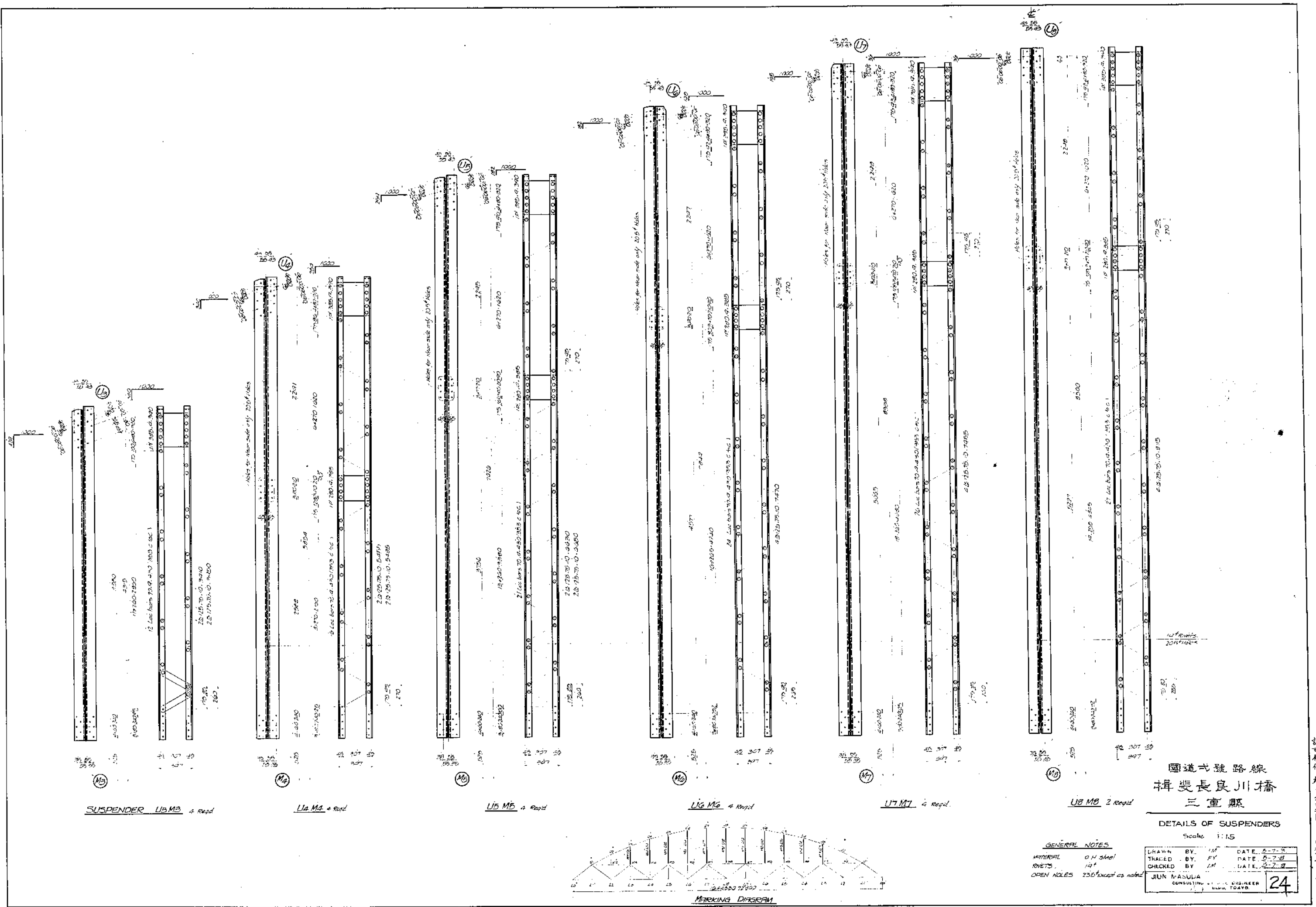
國道貳號路線
揖斐長良川橋
三重縣

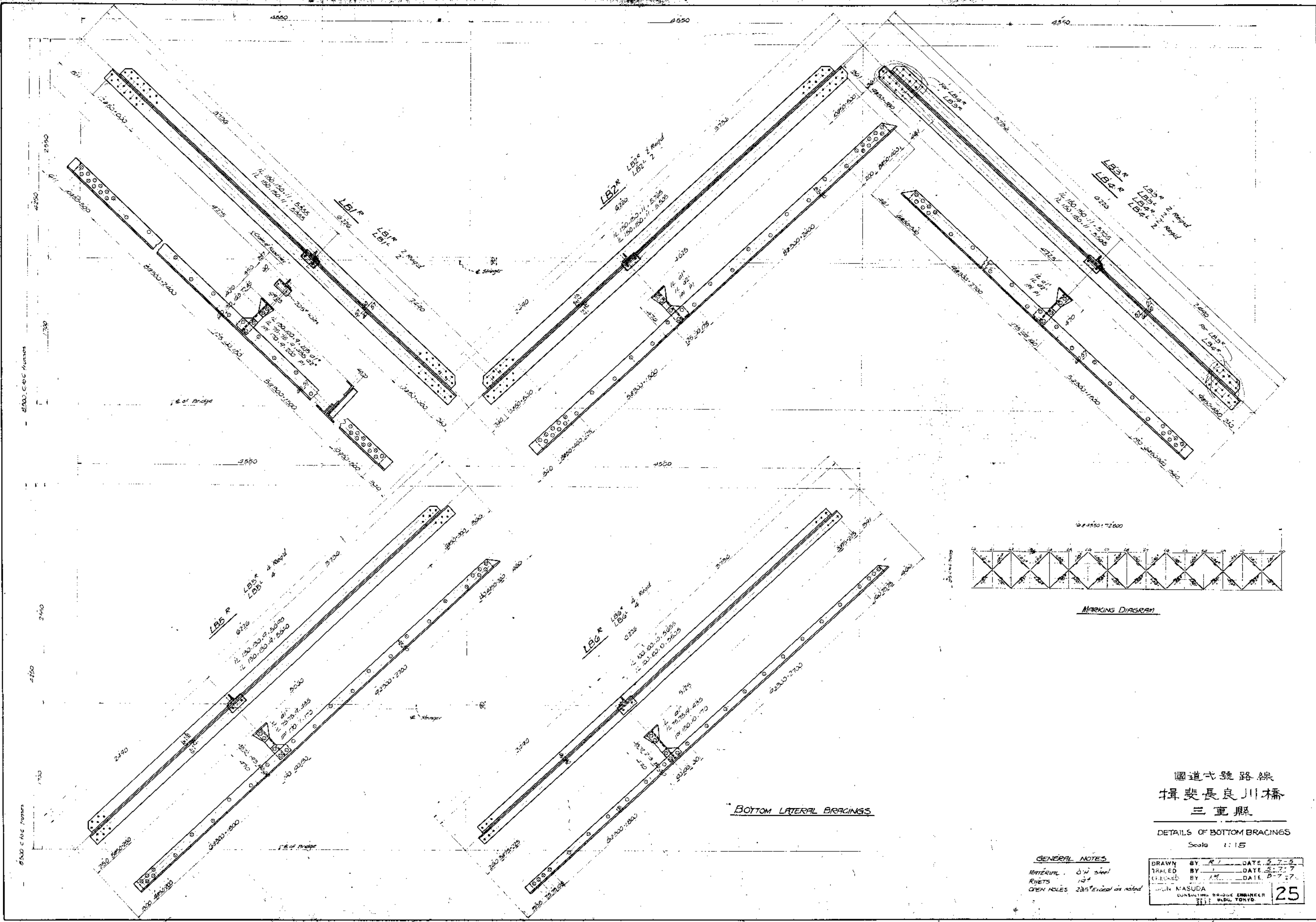
DETAILS OF TRUSS VI & SHOES
Scales 1:15 and 1:10
As shown

DRAWN BY	LM	DATE	5-7-5
TRACED BY	EY	DATE	5-7-7
CHECKED BY	LM	DATE	5-7-7

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國道式號路線
揖斐長良川橋
三重縣

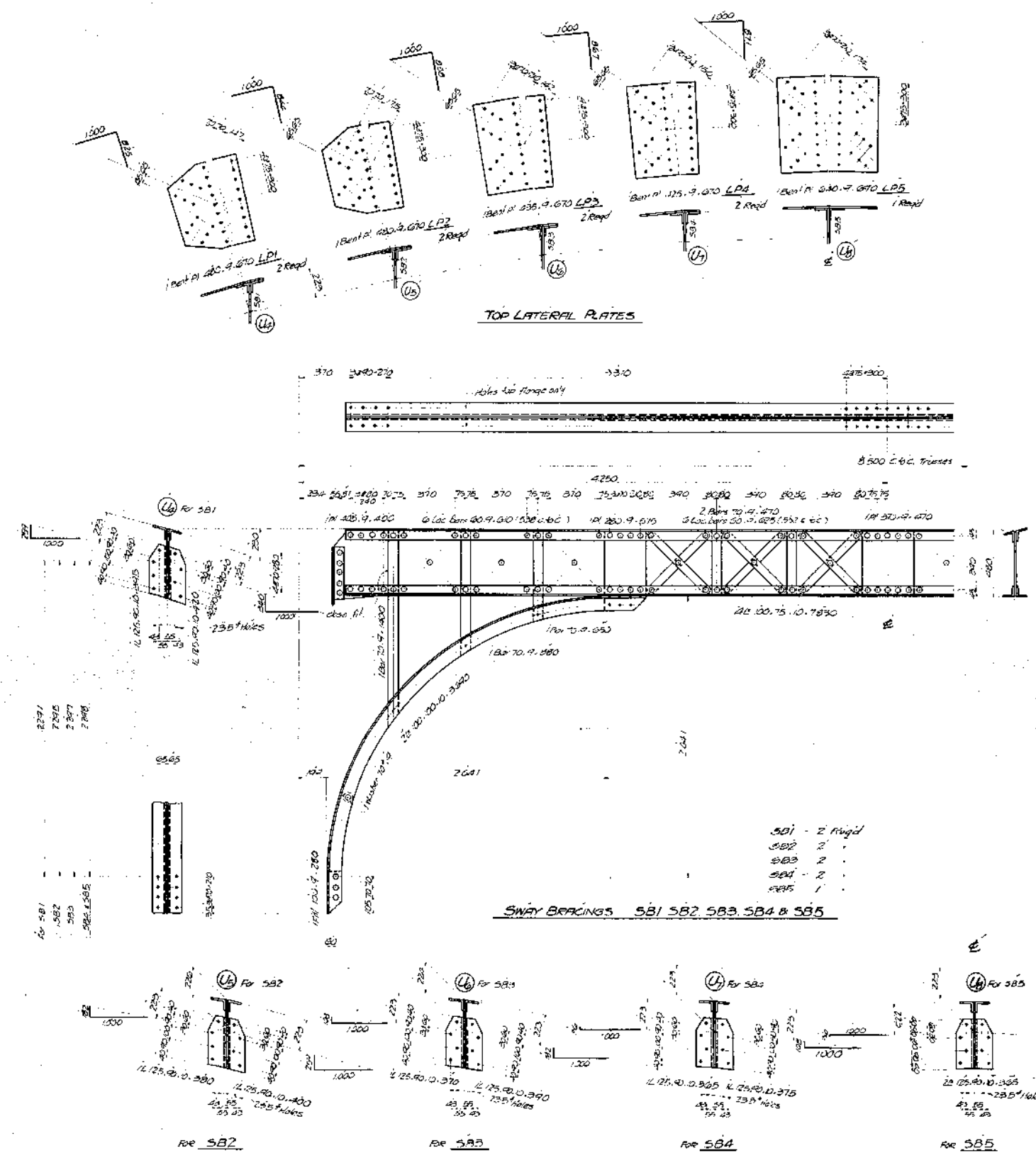
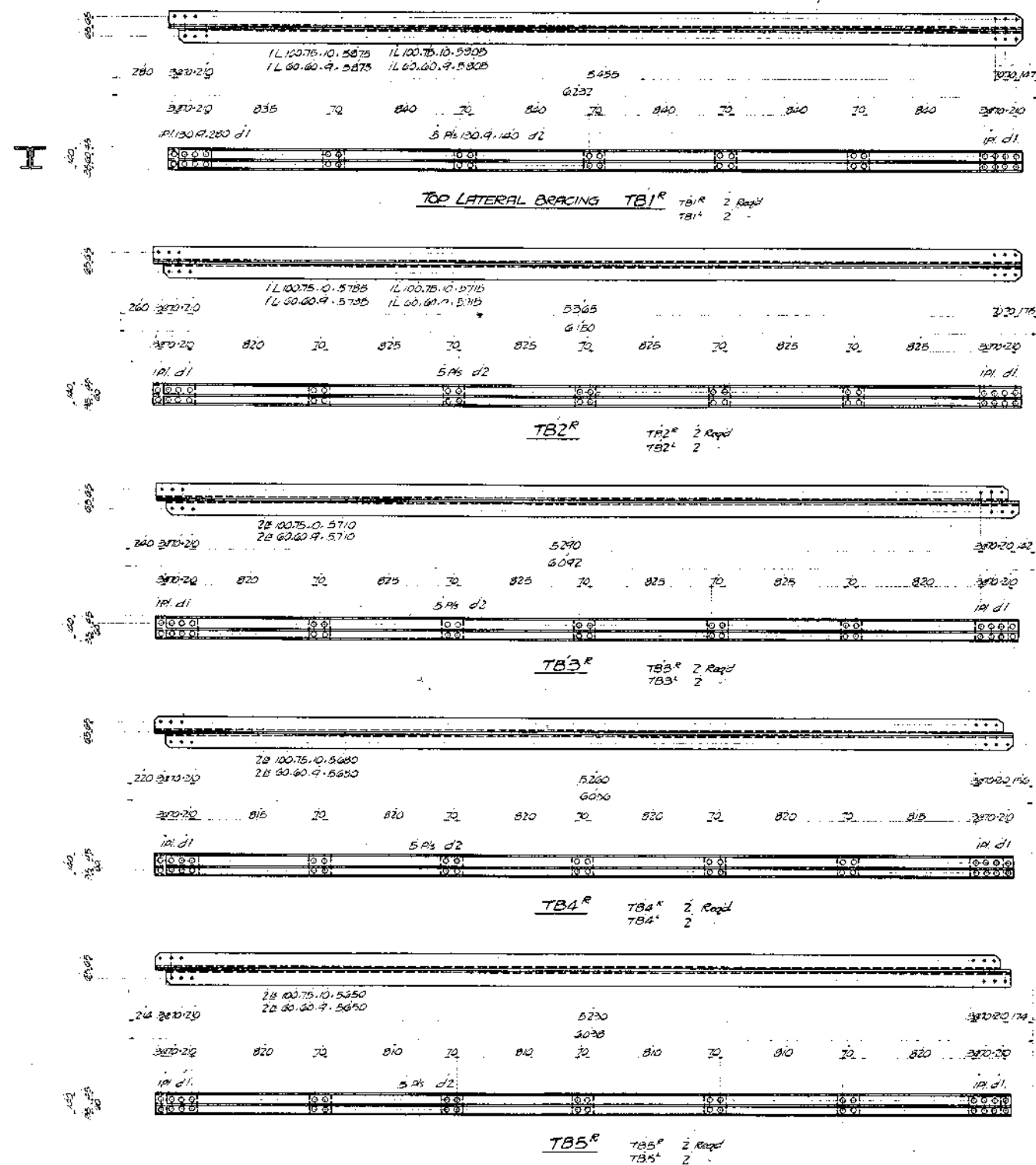
DETAILS OF BOTTOM BRACINGS
Scale 1:15

GENERAL NOTES

MATERIAL 6" steel
RIVETS 1/2"
OPEN HOLES 2 1/2" (except as noted)

DRAWN BY	DATE
CHECKED BY	DATE
DESIGNED BY	DATE
APPROVED BY	DATE

25



國道式號路線
 揖斐長良川橋
 三重縣

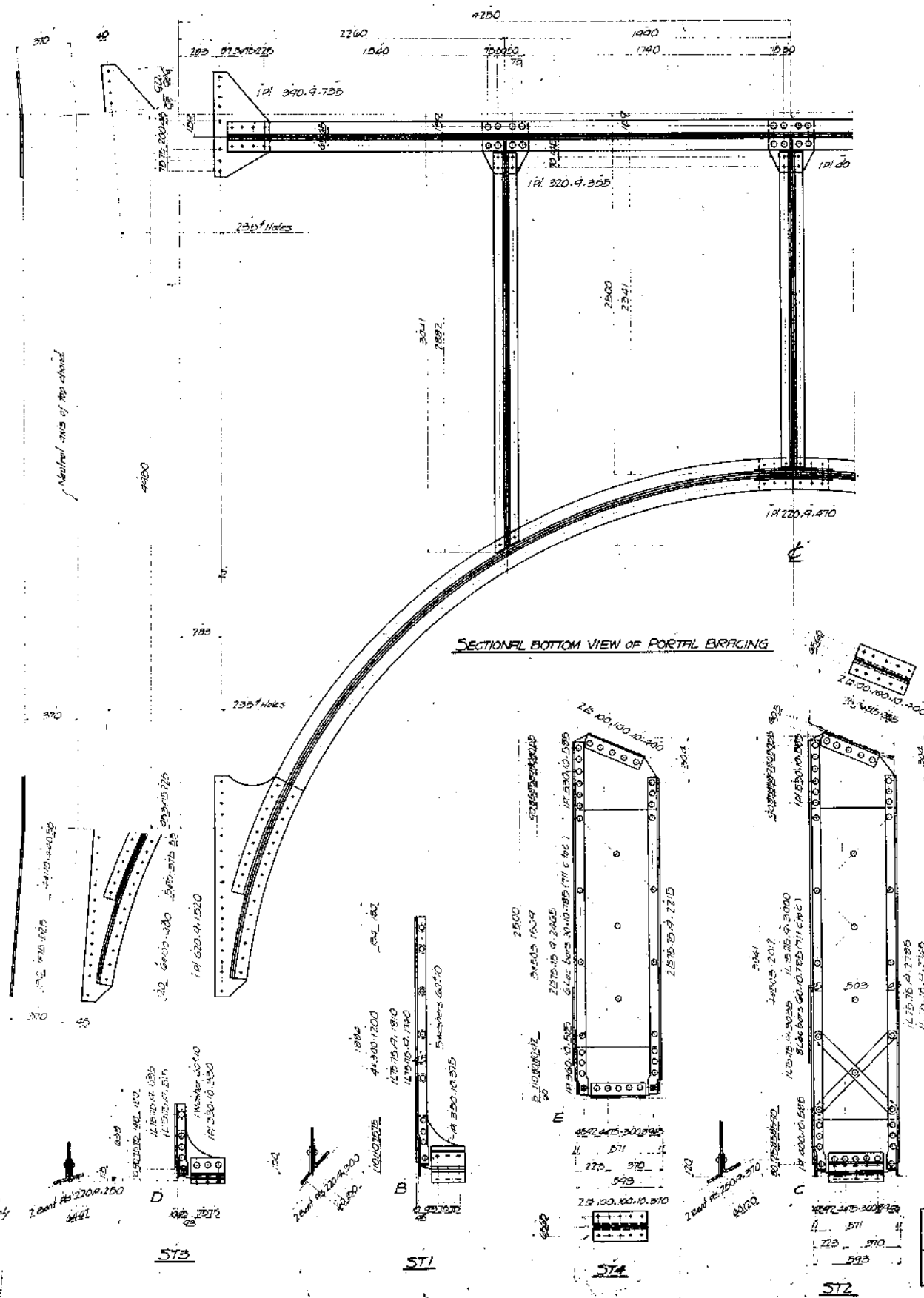
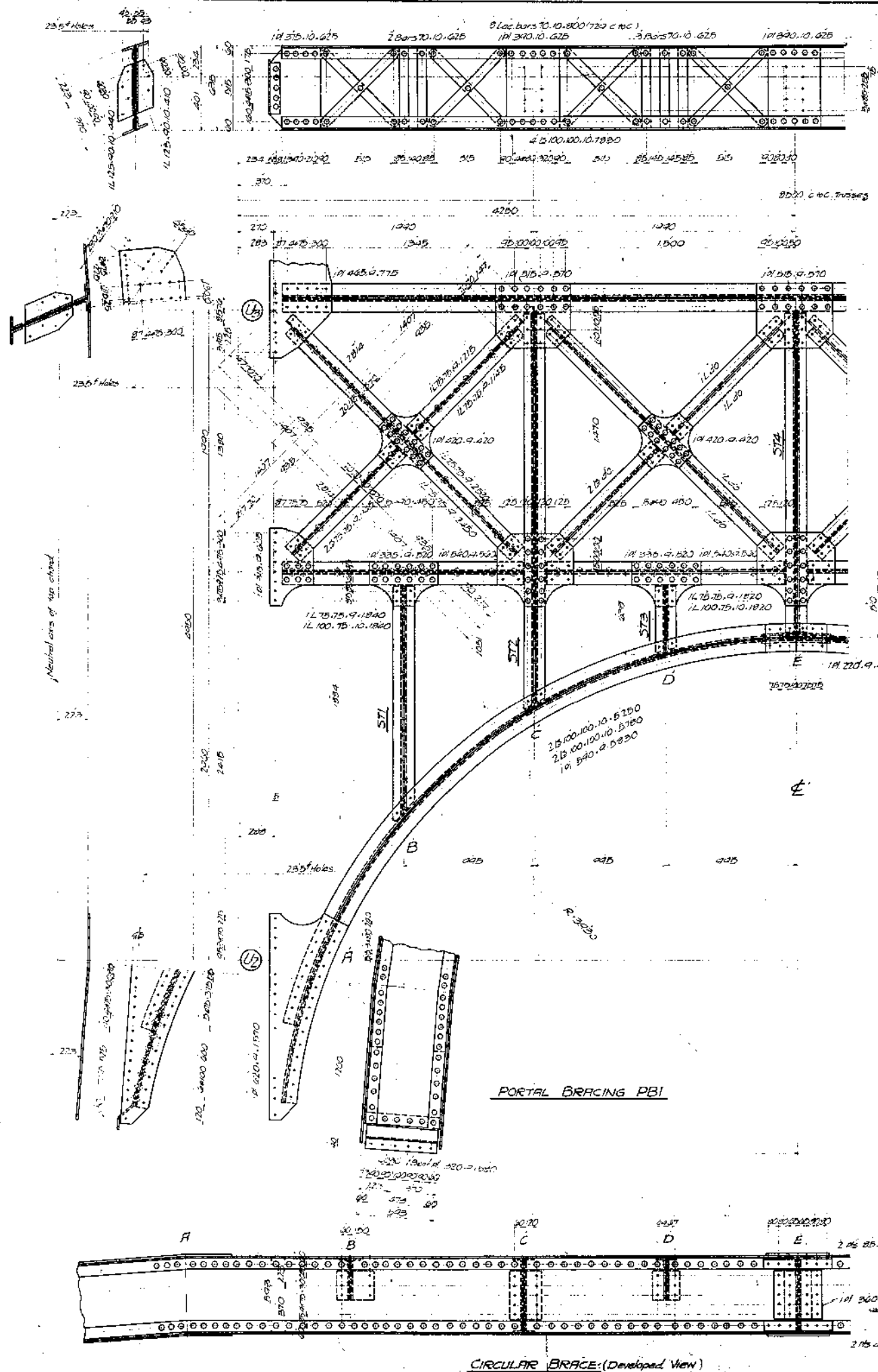
DETAILS OF TOP LATERAL
 & SWAY BRACINGS

Scale 1:15

GENERAL NOTES

MATERIAL S.S. Steel
 RIVETS 191
 OPEN HOLES 205 except as noted

DRAWN BY J.M. DATE 5.7.5
 CHECKED BY J.M. DATE 5.7.5
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 1111
 26



GENERAL NOTES

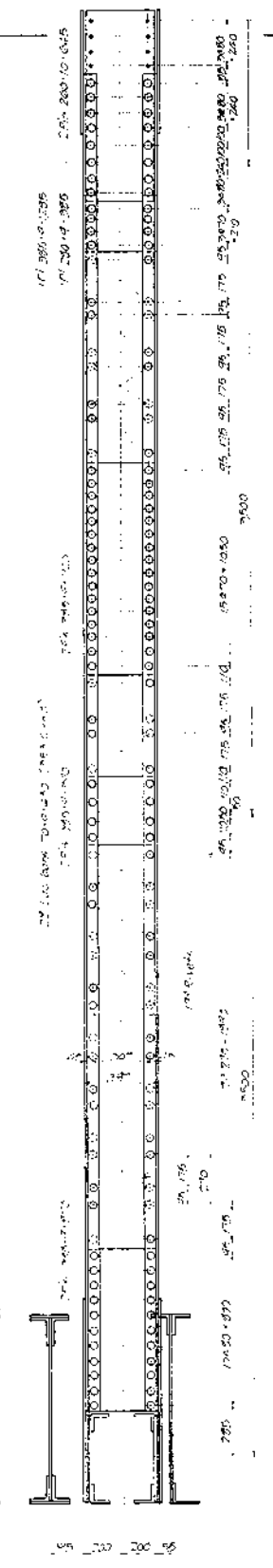
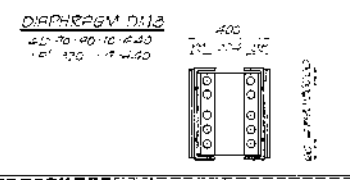
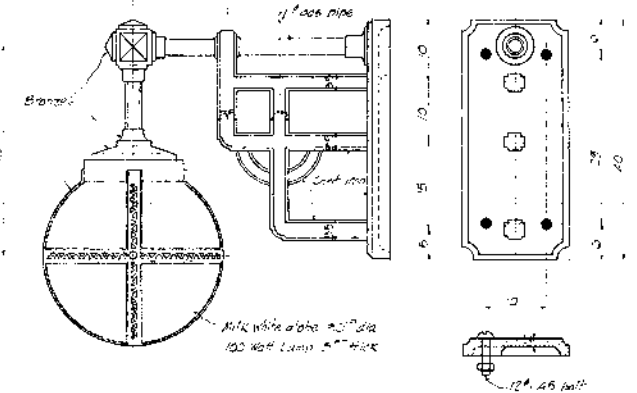
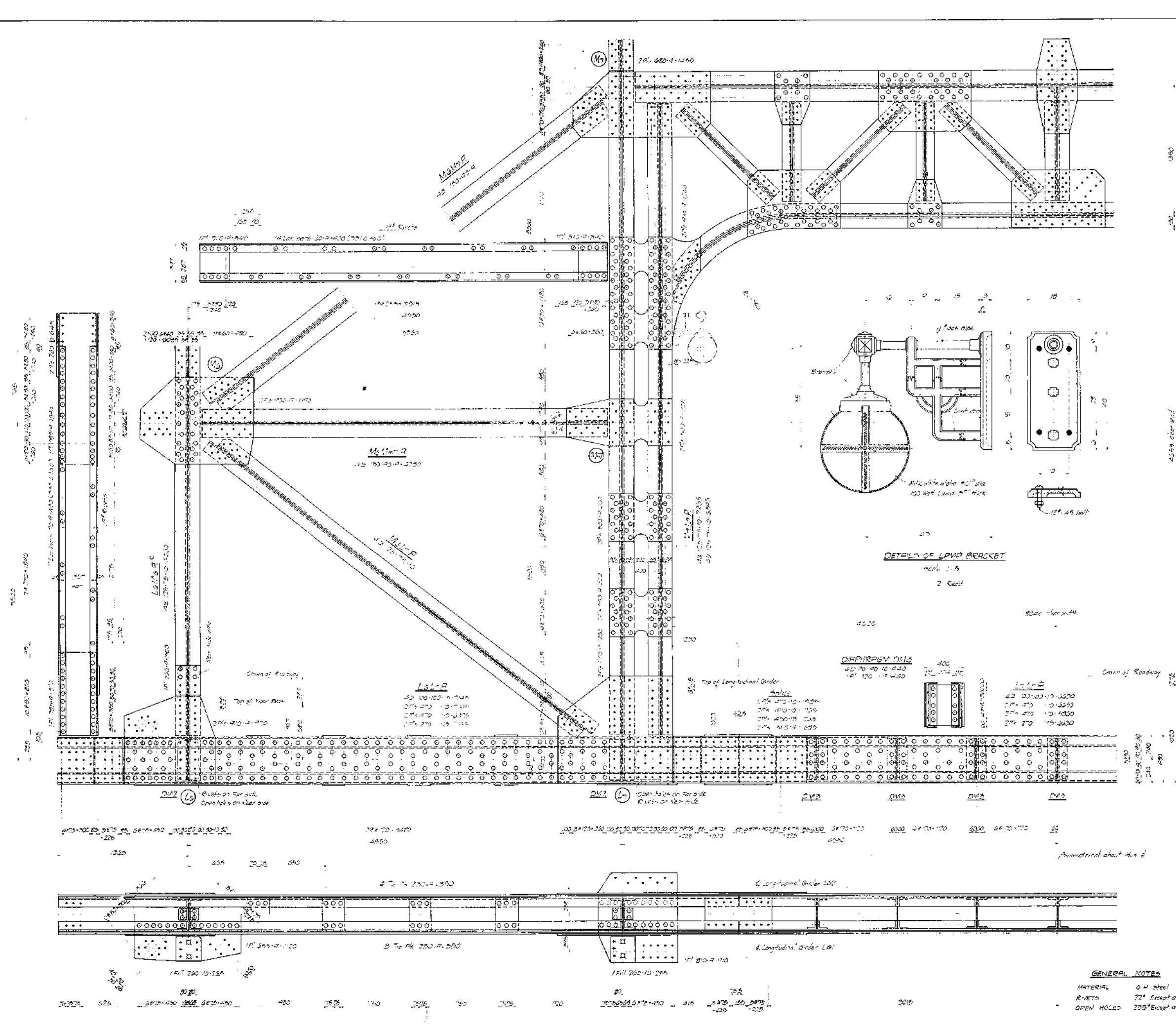
MATERIAL S.S. 4001
 RNETS 104
 OPEN HOLES 70% except as noted

國道5號路線
 揖斐長良川橋
 三重縣

DETAILS OF PORTAL BRACINGS
 Scale 1:15

DRAWN BY LM DATE 5-8-28
 CHECKED BY LM DATE 5-7-1
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國道式號路線
 揖斐長良川橋
 三重縣

DETAILS OF TRUSS I
 Scale 1:15

GENERAL NOTES
 MATERIAL 0.4 Steel
 RIVETS 72" Except as noted
 OPEN HOLES 235" Except as noted

BY	J.M.	DATE	7-11-28
BY	M.J.	DATE	7-11-28
BY	K.J.	DATE	7-11-28
BY	L.A.	DATE	7-11-28
BY	S.M.	DATE	7-11-28