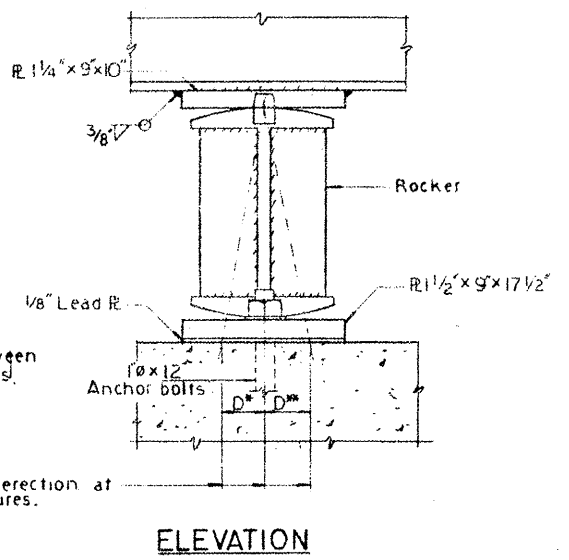
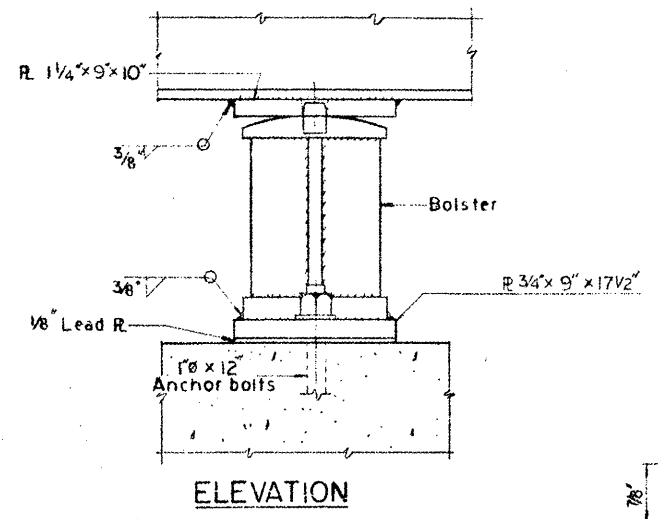


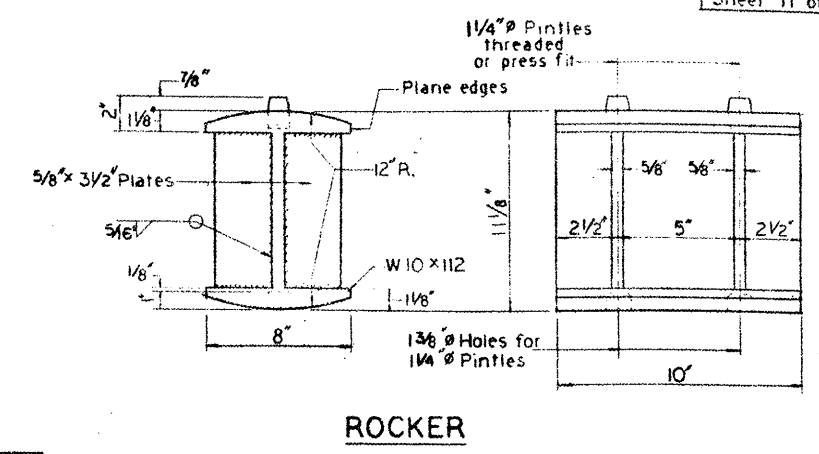
ELEVATION



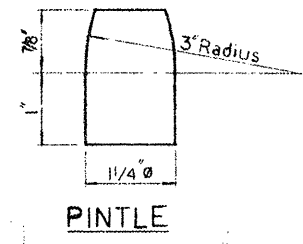
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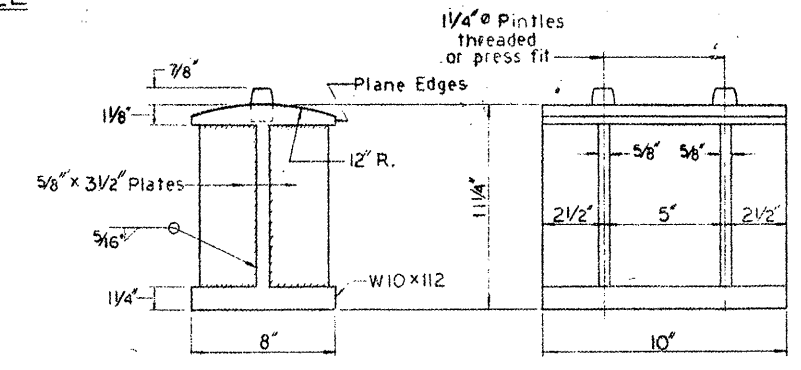
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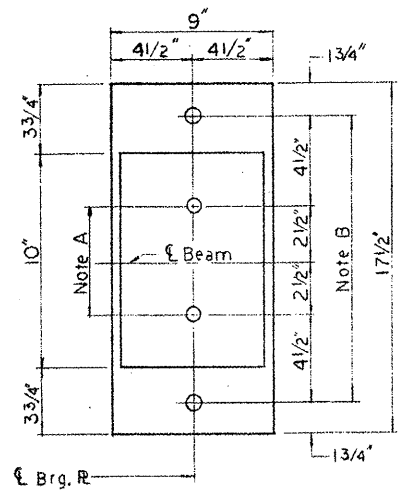
ROCKER



PINTLE

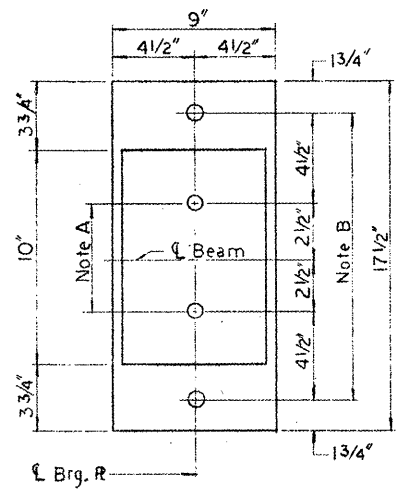


BOLSTER



PLAN

AT S. ABUTMENT & PIER 5



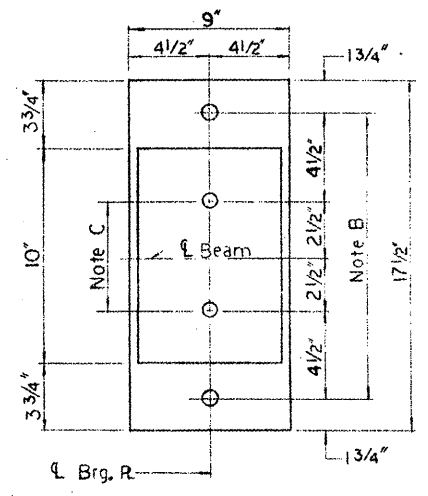
PLAN

AT PIER 1 & 4

- NOTE A**
 1 3/8\"/>

NOTE B
 1 1/2\"/>

NOTE C
 1 3/8\"/>



PLAN

AT PIER 2 & 3

BEARING ASSEMBLY DETAILS

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

a) D* (Side of brg. away from fixed brg.)
 D* = 1/8\"/>

D** (Side of brg. toward fixed brg.)
 D** = 1/8\"/>

b) After beams have been erected and dimensions D* or D** determined, holes shall be drilled and anchor bolts shall be grouted in place. All fixed anchor bolts may be built into the masonry.

INTERIOR BEAM MOMENT TABLE

	4 Span 1, Pier 1	5 Span 2, Pier 2	5 Span 3
I _s (in ⁴)	1830	1830	1830
I _c ³ (in ⁴)	4383	4383	4383
I _c ¹ (in ⁴)	5728	5728	5728
S _s (in ³)	154	154	154
S _c ³ (in ³)	2208	2208	2208
S _c ¹ (in ³)	2426	2426	2426
Q (K/ft)	70	70	70
M _Q (K)	689	1315	704
f _s Q (KSI)	54	102	55
S _Q (K/ft)	29	29	29
M _{S_Q} (K)	336	427	414
f _s S _Q (KSI)	18	33	23
M _{U+I} (K)	2734	1532	3244
f _s U+I (KSI)	134	119	160
f _s Total (K)	39	432	448
VR (K)	43.3	37.4	37.1

f_s Total = 1.3(f_sQ + f_sU+I)

INTERIOR BEAM REACTION TABLE

	S. Abut. & P-5	P-1 or P-4	P-2 or P-3
R _Q (K)	14.3	47.3	48.2
R _U (K)	31.2	38.4	38.4
Imp. (K)	9.3	11.3	11.1
R _{TOTAL} (K)	54.8	97.0	97.7

NOTES FOR STRESS TABLE

I_s and S_s are the moment of inertia and section modulus of the steel section used in computing f_sTotal.
 I_c and S_c are the moment of inertia and section modulus of the composite section used in computing f_sTotal.
 VR is the maximum U+I impact shear range in span used to determine shear connector spacing.

BEARINGS UNIT 1
 F.A. 821 SEC. 17BR-1
 WAYNE COUNTY
 STA. 957-95.03

MTA, INCORPORATED

DESIGNED: [Signature] CHECKED: [Signature]
 DRAWN: [Signature] DATE: 11-5-79 NO. 0701