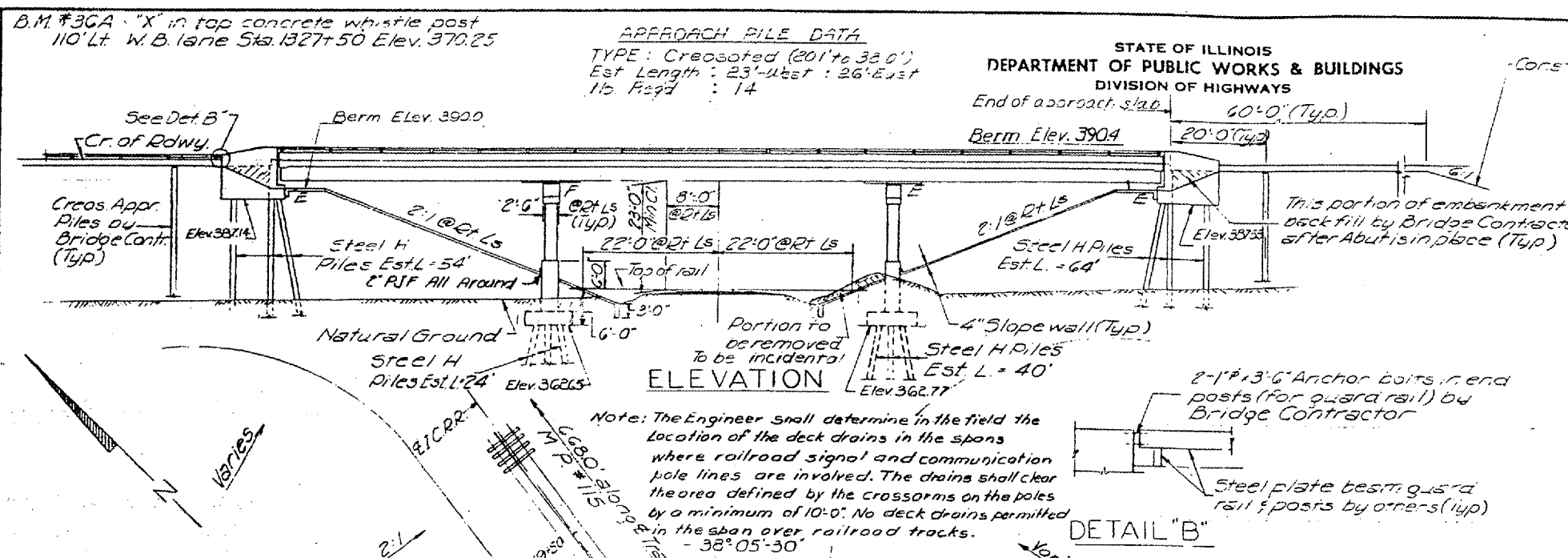


DATE	NO.	BY	REVISION
10-29-66	1	MASSAC	79
11-22-66	2		22
12-24-66	3		119

SHEET NO. 17
 OF SHEETS 11



ICRR
 BUILT 197 BY
 STATE OF ILLINOIS
 FAI Rt. 24 ~ SEC. 64-2VB
 FA PROJ. 16-24-1 (19)
 LOADING HS20 4 ALT.
 NAME PLATE
 See Std 2113

GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.

Fasteners shall be high strength bolts. Bolts 3/4", open holes 1 1/4", unless otherwise noted.

Calculated weight of Structural Steel = 188,220 Lbs.

The Basic Lead Silica Chromate paint system shall be used for shop and field painting of structural steel.

Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

Anchor bolts shall be set before bolting diaphragms over supports.

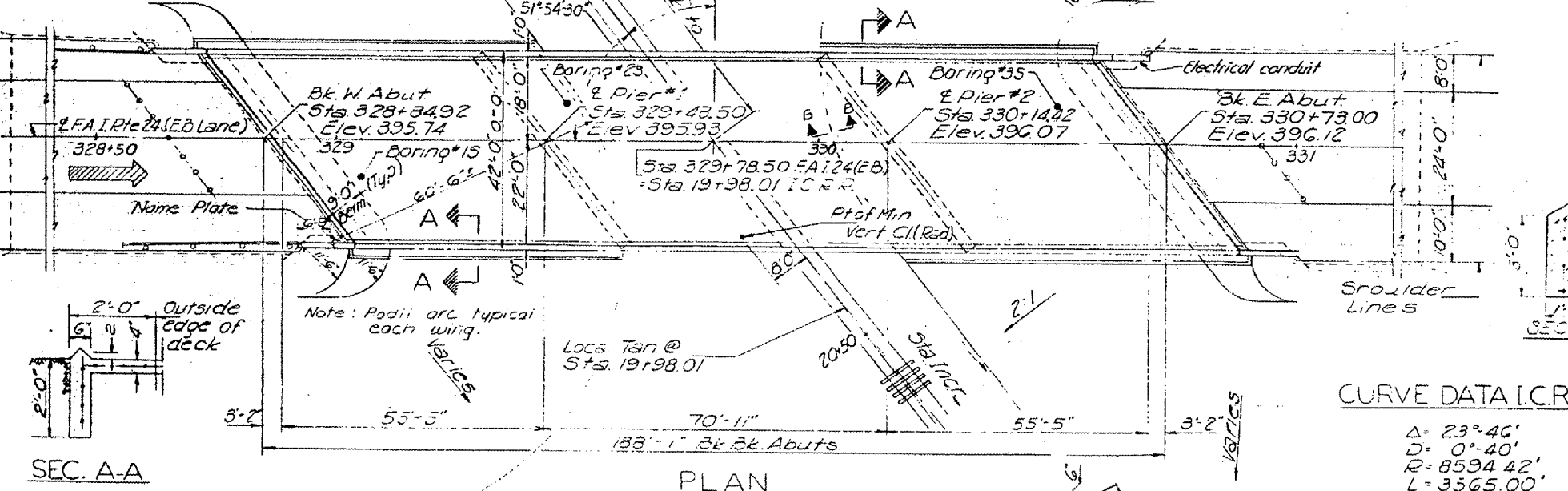
Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.

The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Handrail Concrete.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

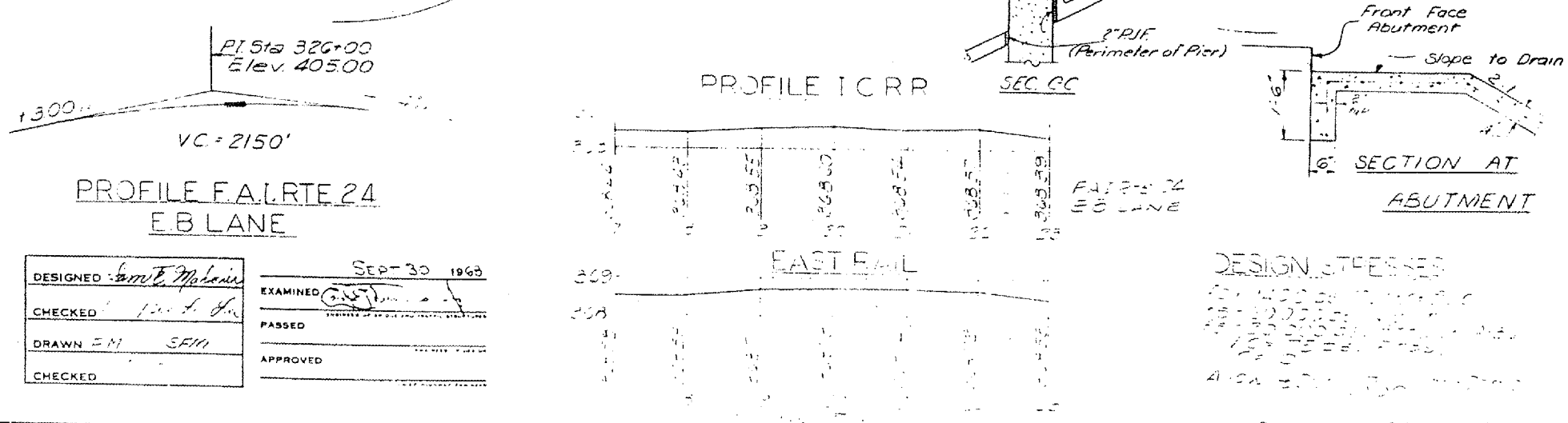
The Contractor shall drive 2 Steel H test piles in permanent locations, one of Pier 1 and one of the East Abutment, as directed by the Engineer before ordering the remainder of piles.

Steel H Piles shall be driven to refusal.



BILL OF MATERIAL E.B.L. STRUCTURE

Item	Unit	Super	Sub	Total
Class A Excavation for Structures	Cu Yds	—	—	233
Class X Concrete	Cu Yds	225.9	27.7	504.6
Structural Steel	L.S.	1/2	—	1/2
Aluminum Fencing	Lin Ft	368	—	368
Reinforcement Bars	Lbs.	66,977	28,950	95,927
Steel Piles (B.B.P.36)	Lin Ft	—	2,586	2,586
Test Piles Steel (B.B.P.36)	Each	—	2	2
Name Plate	Each	—	—	1
Slope wall "4"	Sq Yds	—	—	770
Protective Coat	Sq Yds	970	—	970
Bridge Seat Sealant	—	—	—	6
Creasoted Piles (201 to 380')	Lin Ft	—	—	343



FOR INFORMATION ONLY:

BRIDGE NO. 2 STRUCTURE 064-0021

DESIGN STRESSES

LOADING HS20 4 ALT.

DESIGNED: *Sam E. Molise*
 CHECKED: *[Signature]*
 DRAWN: *SM*
 CHECKED: *[Signature]*

EXAMINED: *[Signature]*
 PASSED: *[Signature]*
 APPROVED: *[Signature]*

Sep-30 1966