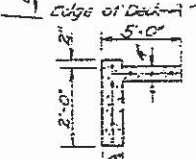
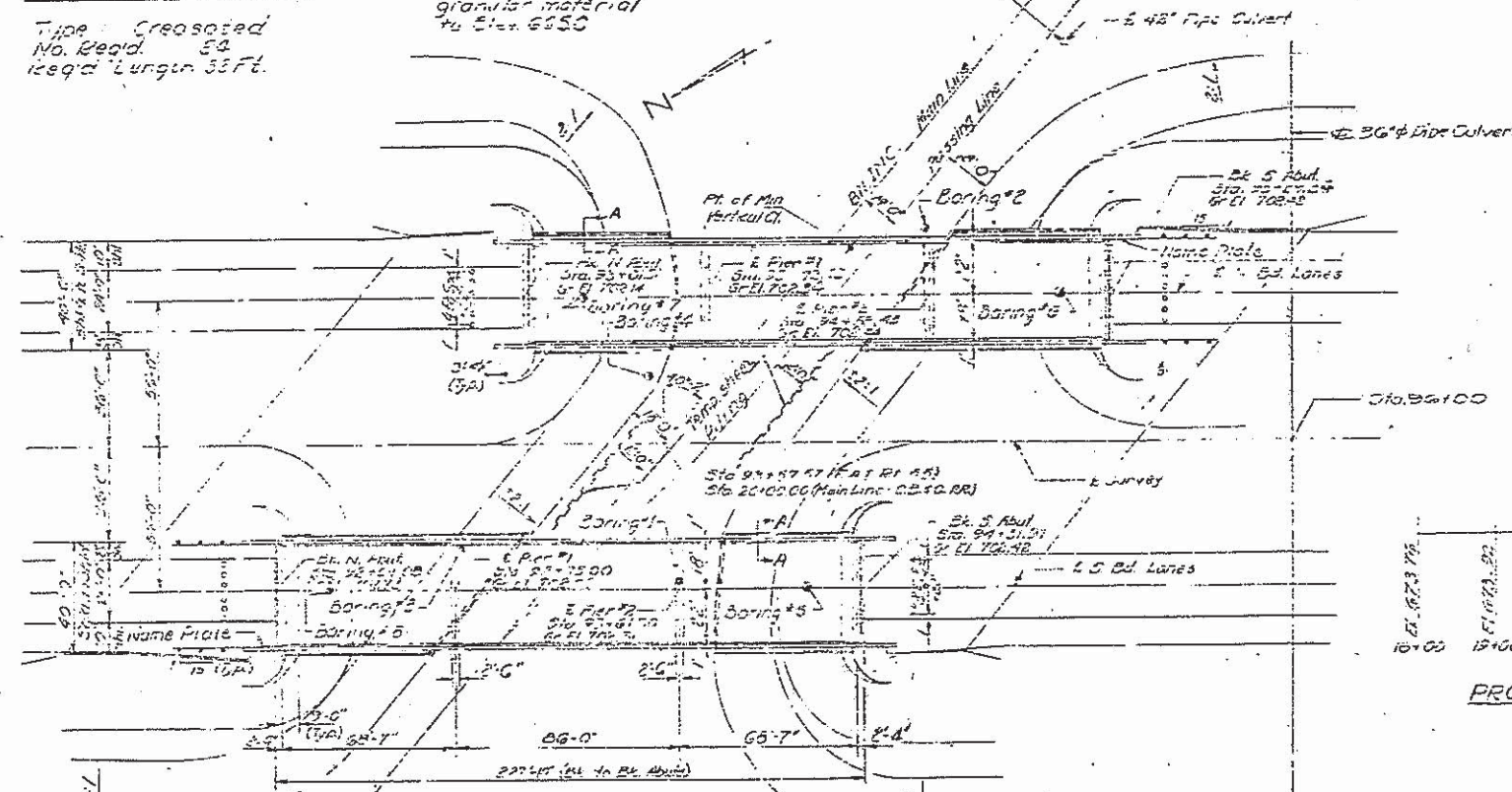


**APPROACH FILL DATA**  
 Type: Cretaceous  
 No. Reg'd: 54  
 Reg'd Length: 35 Ft.

Hatched area to be excavated and replaced with porous granular material to Elev. 6550



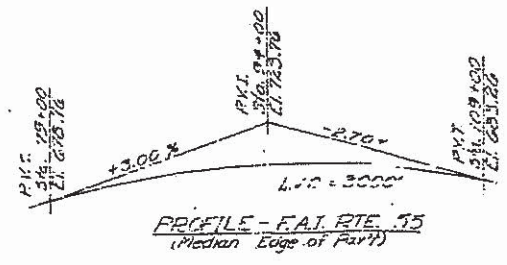
**PLAN**  
 Note: For details of sheet piling and embankment see Sh. # 15

DESIGNED: [Signature]  
 EXAMINED: [Signature]  
 DRAWN: F. Mercado  
 CHECKED: [Signature]

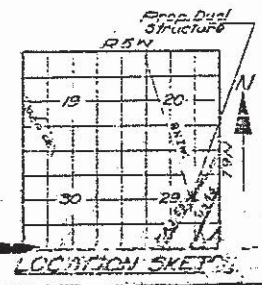
SEPTEMBER 9 1970  
 EXAMINED: [Signature]  
 PAUSED: [Signature]  
 APPROVED: [Signature]

STATION 33+57.57  
 BUILT 197 BY  
 STATE OF ILLINOIS  
 F.A.I. RT. 55  
 F.A. PROJ. 10-55-2(20)  
 LOADING H20-44

**NAME PLATE**  
 See Sid 2113



**DESIGN STRESSES**  
 f<sub>c</sub> = 1200 psi. - Deck Slab  
 f<sub>c</sub> = 1400 psi. - Parapet, sub  
 f<sub>s</sub> = 20,000 psi. - Reinf.  
 f<sub>s</sub> = 20,000 psi. - Struct. Steel.  
 v<sub>c</sub> = 75 psi. - Flyc.  
 n = 10  
 Allowable Future W. 2.25"/sq. Ft.  
 Allowable Δd = 1/1000  
 LOADING H20-44 + ALL



**PROJ. 10-55-2(20)50**  
**GENERAL PLAN & ELEVATION**  
**OVER B.N. INC.**  
**F.A.I. ROUTE 55**  
**SECTION 68-1NB-1**  
**MONTEGOMERY COUNTY**  
**STATION 33+57.57**

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS

068-0048 & 0049

DATE	NO.	BY	REVISION
06/28/70	1	W. MONTGOMERY	266
07/01/70	2	W. MONTGOMERY	64

**GENERAL NOTES**

All reinforcement bars shall be lapped 29 diameters unless otherwise shown.  
 Fasteners shall be high strength bolts Bolts 3/4", open holes 1/2" unless otherwise noted.  
 Diaphragm connections may be adapted to snap welding subject to approval by the Engineer.  
 Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, weighing 36# per 100 sq. ft.  
 Concrete piles at abutments shall be driven in holes prepared through the embankment in accordance with Article 513.03(c) of the Standard Specifications.  
 The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of abutments.  
 Calculated weight of Structural Steel: 479,460 lbs.  
 The Basic Lead Silico Chromate paint system shall be used for shop and field painting of structural steel. Minor coats shall be set before bolting diaphragms over supports.  
 The Contractor shall drive 4 Concrete Test piles in permanent locations before ordering remainder of piles, as follows: 1 @ N. Abut. N.B.L., 1 @ Pier 2 N.B.L., 1 @ South S.B.L., 1 @ Pier 1 S.B.L.  
 Protective coat shall not be applied to surfaces to which Cool Tar Interlayer Protective Coat is applied.  
 The Engineer shall determine in the field the location of the deck drains in the spans where R.R. signal and communication poles lines are involved. No deck drains shall be permitted in spans over R.R.

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.  
 The concrete on the non-abutment side of the abutment shall be constructed of Class X concrete, except the aggregate shall conform to the requirements of Monrad Concrete.

**TOTAL BILL OF MATERIAL**

Item	Unit	Super	Sub	Total
Bit Cover Surf. Cse Class 1	Tons	156		156
Coal Tar Int. Layer Protective Coat	Sq Yds	100		100
Structure Excavation	Sq Yds	125		125
Protective Coat	Sq Yds	875		875
Class 4 Concrete	Cu Yds	5524	5002	10526
Aluminum Coating	Lb Ft	389		389
Reinforcement Bars	Lbs	132770	187400	320170
Crested Piles (20" to 36")	Lb Ft		745	745
Concrete Piles	Lb Ft		5163	5163
Test Piles (Concrete)	Each		2	2
Name Plates	Each		2	2
Slope wall (4")	Sq Yds		1765	1765
Bridge Seat Sealer	L.S.		L.S.	L.S.
Preformed Joint Sealer	Lb Ft		82	82
Structural Steel	L.S.			L.S.
Porous Granular Embankment	Cu Yds		3200	3200
Temporary Sheet Piling	Sq Ft		12500	12500

\* N. Abut. only.  
 + S. Abut. only.

Rev. 12-11-70  
 Rev. 2-24-71 N.C.  
 Rev. 12-8-71 N.C.C.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS SN 068-0048 & 068-0049  
 (FOR INFORMATION ONLY)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. 06 BOGE PAINTING 2015-1		VARIOUS	58	20

FILE NAME: OPERATIONS\bridgeplans\CAD\72H37 - beam and paint FY15 CH\plansheet.dgn  
 PLOT SCALE: 100.0000 / 1 in.  
 PLOT DATE: Aug-28-2014 8:14:52PM

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 72H37