

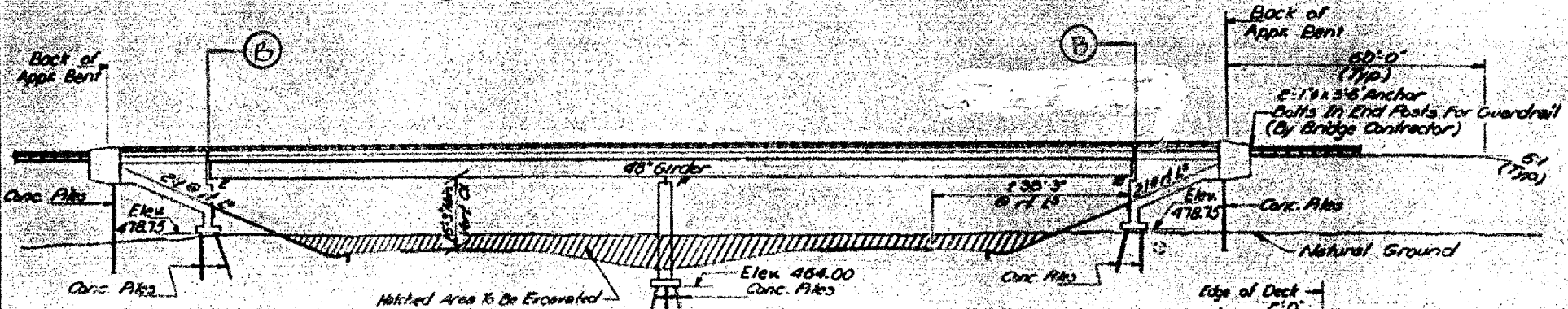
Old RR Spike in power pole 175'-0" left
 Station 2341+03 & FAI Rte 64 Elev 475.67
 No Existing Structure

CONTRACT NO. 98989

VARIOUS ROUTES
 VARIOUS COUNTIES
 D9 BRIDGE PAINTING 2007-1
 SHEET 22 OF 31

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

Beam End Locations



All reinforcement... unless otherwise shown.
 Fasteners shall be high strength bolts, bolts 3/4" Ø, open holes 1/8" Ø, unless noted.

Diaphragm connections may be adopted to shop welding subject to approval by the Engineer.
 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 fastening diaphragms over supports.

Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.
 The Contractor shall drive 1 concrete test pile in a permanent location at the pier as directed by the Engineer.

The concrete rail section above the mandatory construction joint of 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.

Class A Excavation for structures includes excavation for slope wall.

Concrete piles at appr. berths shall be driven in holes precored through the embankment in accordance with Article 513.09(c) of the Standard Specifications.

Note:
 See sheet #3 for Stress Table.

STATION 2343+00
 BUILT 197 BY
 STATE OF ILLINOIS
 F.A.I. RTE. 64 SEC. 41NB-3
 F.A. PROJECT I-64-3(38)
 LOADING HS15

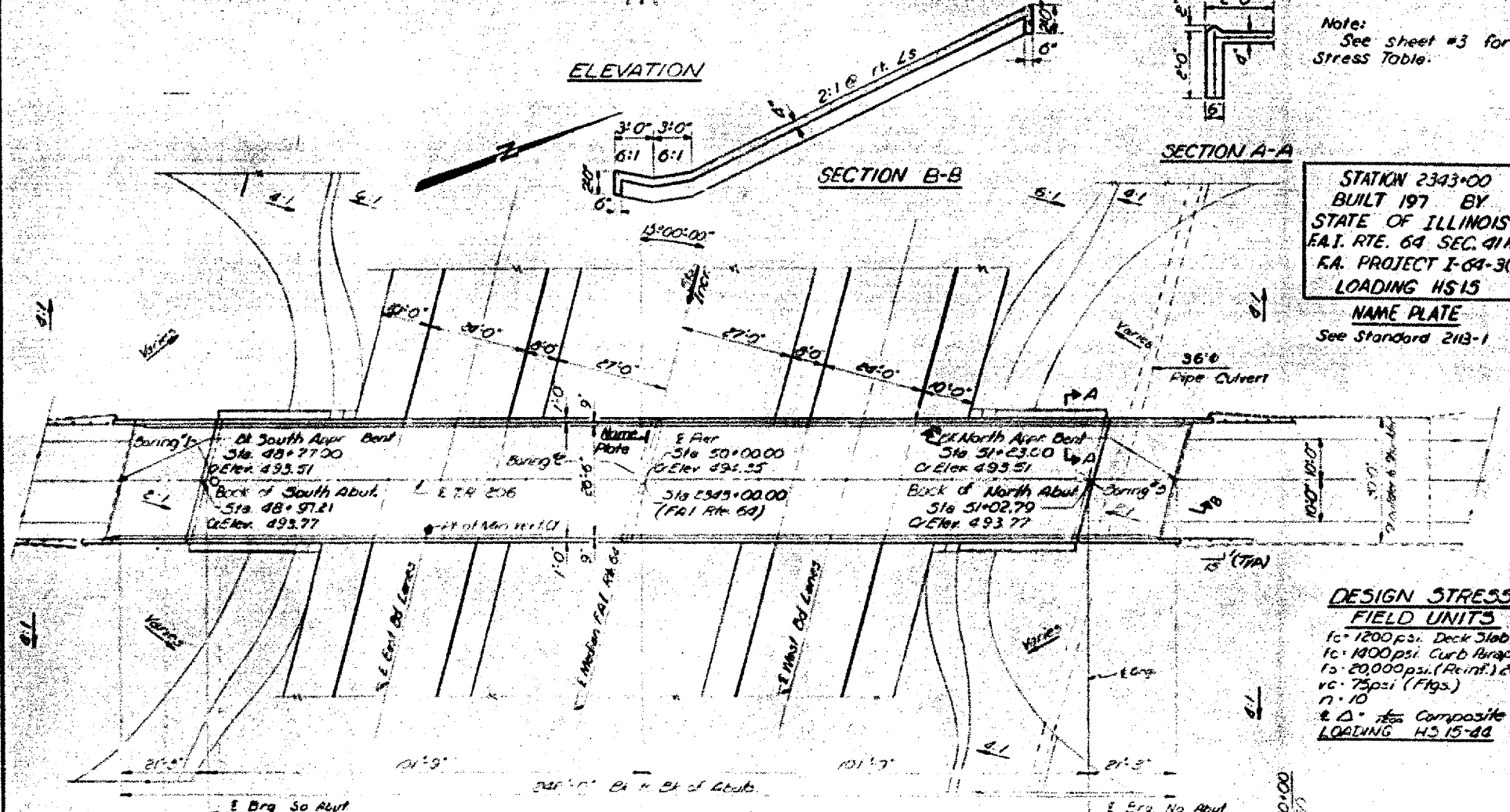
NAME PLATE
 See Standard 213-1

BILL OF MATERIAL

Item	Unit	Sub	Super	Total
Class A Exc. for Structures	Cu. Yd.	80		80
Protective Coat	Sq. Yd.		918	918
Class X Concrete	Cu. Yd.	161.0	246.6	407.6
Structural Steel	L. Sum	.51		.51
Stud Shear Connectors	Each		1,200	1,200
Aluminum Rolling	Lin. Ft.		482	482
Reinforcement Bars	Lbs.	2,100	36,010	38,110
Concrete Piles	Ln. Ft.	2,021		2,021
Test Pile Concrete	Each	1		1
Name Plates	Each		1	1
Slope Wall 3 Inch	Sq. Yd.	300		300
Preformed Joint Sealer	Lin. Ft.		62	62
Sand Backfill	Cu. Yd.	245		245

DESIGN STRESSES

FIELD UNITS
 1c = 1200 psi Deck Slab
 1c = 1400 psi Curb Parapet & Sub.
 1c = 20,000 psi (Reinf.) 20,000 Struct
 1c = 75 psi (Figs.)
 n = 10
 E = 29,000,000 psi Composite
 LOADING HS15-88

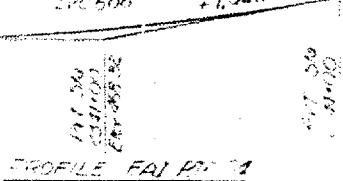


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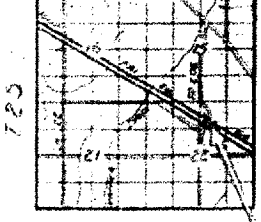
DESIGNED	Michael E. Cherdack I	EXAMINED	Richard J. Gallemore
CHECKED	James M. Egan	PAVED	W.C. DeLeonardis
DRAWN	Jeff Hildebrand		
CHECKED	H. B. J.		

PLAN



PROFILE TR 205

R.E.E. 3rd RM



Proposed Structure
 LOCATION SKETCH

BRIDGE NO. 4
 041-0080
 FOR INFORMATION ONLY

GENERAL PLAN & ELEVATION
 TR 205 OVER FAI RTE 64
 PROJ I-64-3(38)66
 FAI RTE 64 SEC 41-NB-3
 JEFFERSON COUNTY
 STA. 2343+00