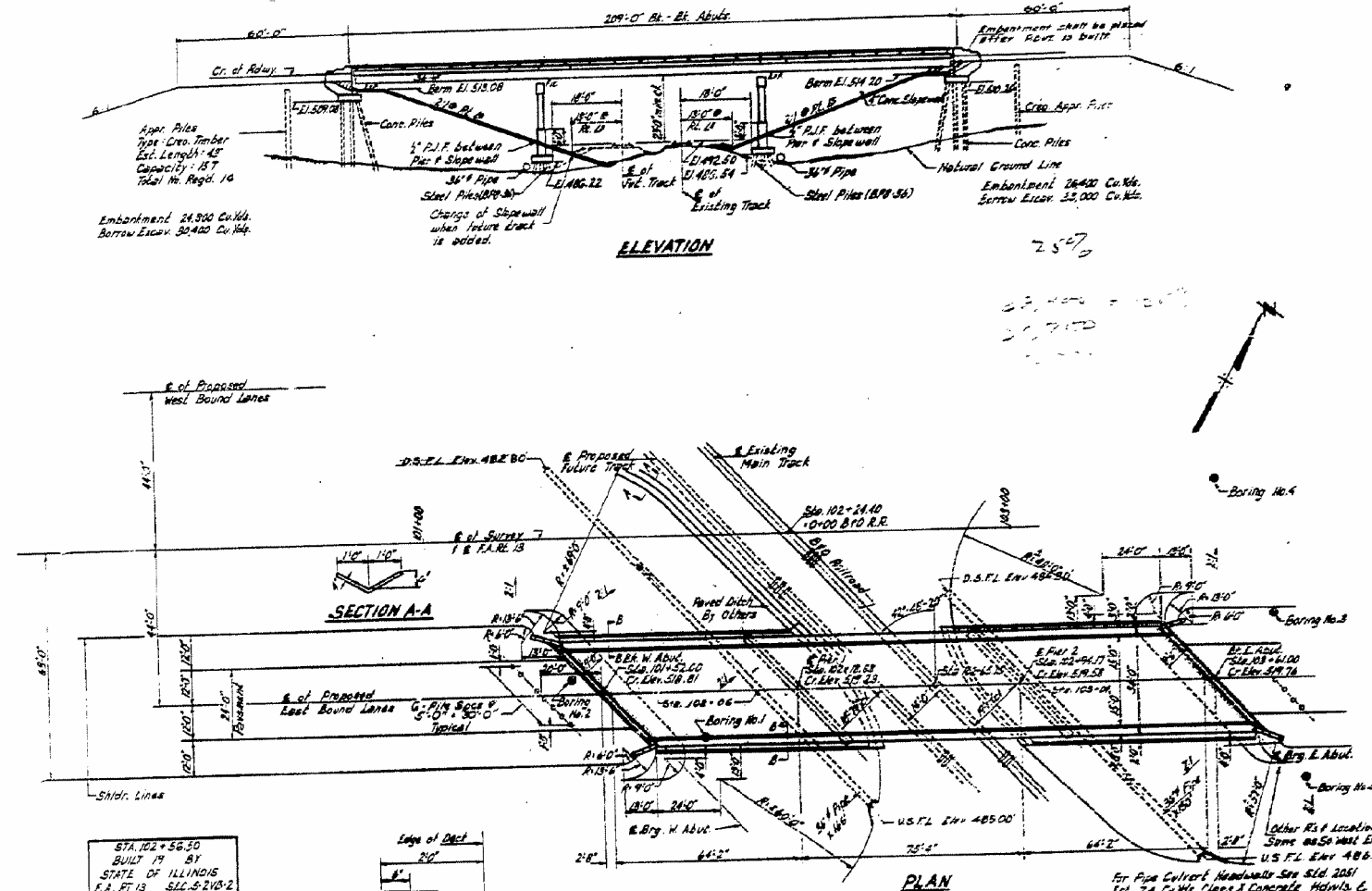


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

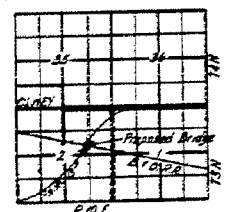
PROJECT	RICHLAND	1.B	6
SHEET NO.	10 SHEETS		

B.M. Spike in root of 24" oak 272 ft. W. of Sta. 107+00. L.S. 494.14



GENERAL NOTES

Class X Concrete shall be used throughout. The concrete floor slab shall be finished in accordance with Article 519 of the Standard Specifications. Slope walls shall be reinforced with welded wire fabric 4"x4" mesh, #2 wire, weighing 50 lbs per 100 sq. ft. Cut off wall is included in quantity of slope wall. Course aggregate which is to be used in parapet handrails and end posts must be free of chert, flint, limonite, lignite and soft sandstone. Reels 4"x4" open holes 4"x4" unless noted. Railings shall be adjusted to true alignment after parapets have been poured. All fasteners, anchors, bearing plates, lead plates, shim plates, plates and anchor bolts shall be fabricated and set in accordance with Article 518 of the Standard Specifications and are included in quantity of Structural Steel (Est. No. 4936/2a) and anchor bolts shall be set before riveting diaphragms over supports. Expansion guards shall be fabricated and erected in accordance with Article 518 (d) of the Standard Specifications and are included in quantity of Structural Steel. Except as otherwise provided, all Structural Steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 56.1 to 56.5 inclusive of the Standard Specifications. All paint shall be furnished and applied by the Contractor. The exposed surfaces of the expansion guards shall be given two shop coats of red lead paint. The Contractor shall drive one concrete test pile at 5' depth and one steel test pile at pier in permanent location as directed by the Engineer before ordering remainder of order. Piles at abutments shall be driven in holes prepared to natural ground line in accordance with Article 50.9 of the Standard Specifications.



TOTAL BILL OF MATERIAL

ITEM	QUANTITY	UNIT	PRICE	TOTAL
Bottom Embankment	43,400	Cu Yds	0.80	34,720
Class X Concrete	228.8	Cu Yds	1.10	251.68
Structural Steel	243,800	Lbs	0.40	97,520
Aluminum Handrail	119	Lbs	1.10	130.90
Reinforcement Bars	48,000	Lbs	0.05	2,400
Concrete Piles	1,125	Lbs	1.10	1,237.50
Steel Piles (Concrete)	1,125	Lbs	1.10	1,237.50
Steel Piles (Steel)	1,125	Lbs	1.10	1,237.50
Steel Piles (Steel)	1,125	Lbs	1.10	1,237.50
Steel Plates	50	Sq Yds	6.25	312.50
Steel Plates	50	Sq Yds	6.25	312.50
Sign Examples (Type 24.54)	1	Each	3.00	3.00
Class X Concrete Form	1,125	Sq Yds	7.00	7,875.00
Contractive Cost	50,000			50,000.00

DESIGN STRESSES

16,100 psi Super F 54
14,750 psi F 54
14,000 psi F 54
14,000 psi F 54

LOADING H20-S16-44

PROJ. 70-141
B.V.O.R.R. OVERHEAD
F.A. RT. 13 SEC. 2V8-2
RICHLAND COUNTY
STA. 107+55.50

STA. 102+55.50
BUILT 19 81
STATE OF ILLINOIS
F.A. RT. 13 SEC. 2V8-2
F.A. PROJ. 70-141
LOADING H20-S16
SEE SHEET 213

DESIGNED: S. Engel
DRAWN: J. H. [unclear]
CHECKED: P. [unclear]
DATE: JAN 27 1961

PROFILE OF F.A. RT. 13

Vertical curve data and stationing for the profile of the road.