

B.M. #127 4" Top N. End W. Head. 1" Rd. Culvert
Sta 12+28 (Lisbon Road) Elev 548.60
No Existing Structure

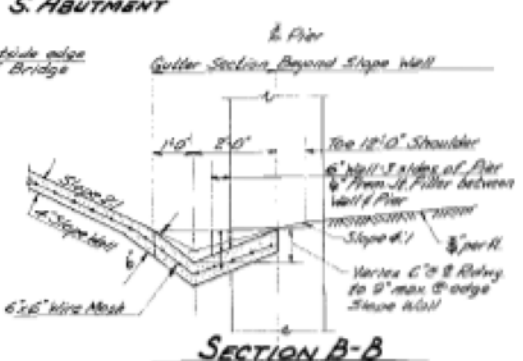
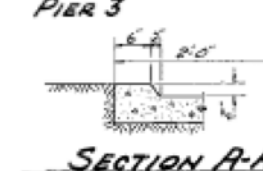
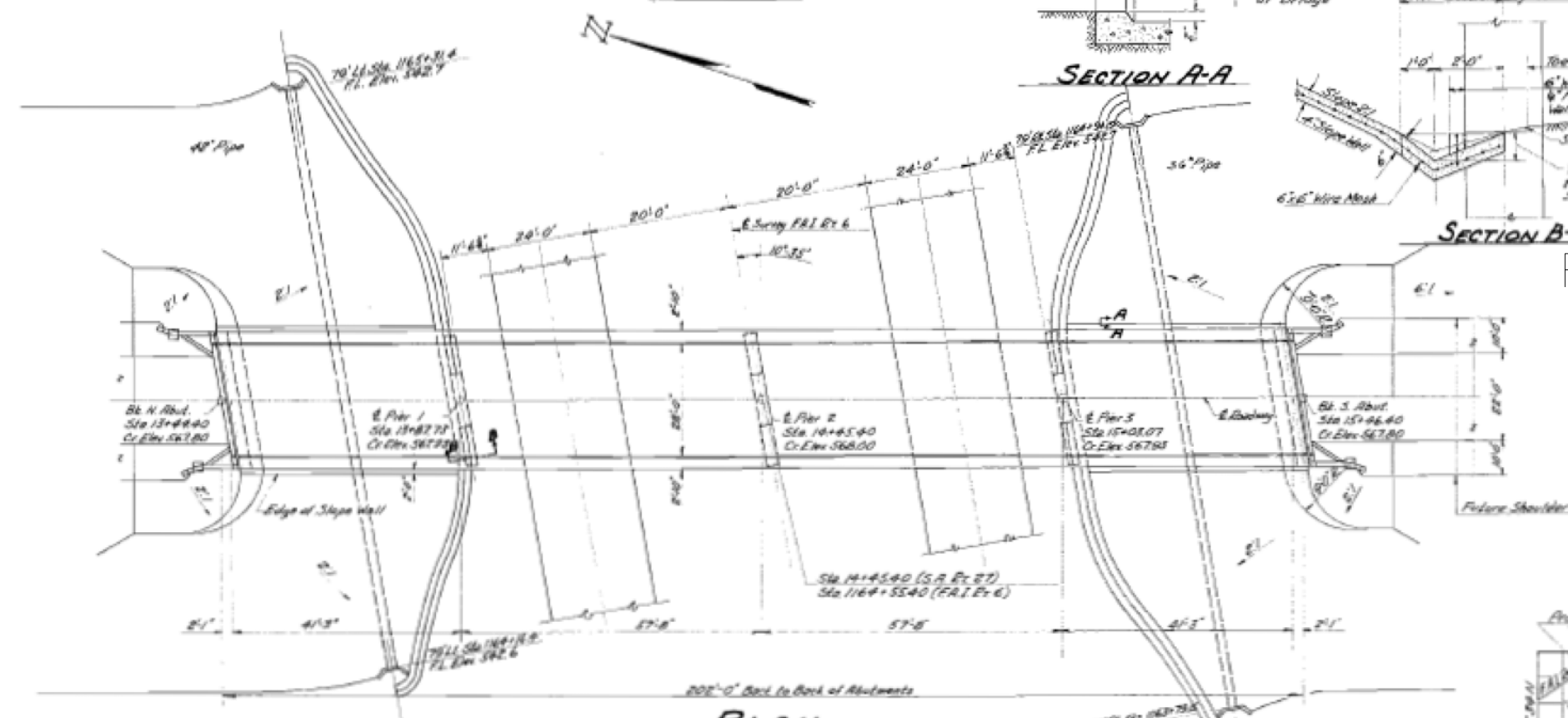
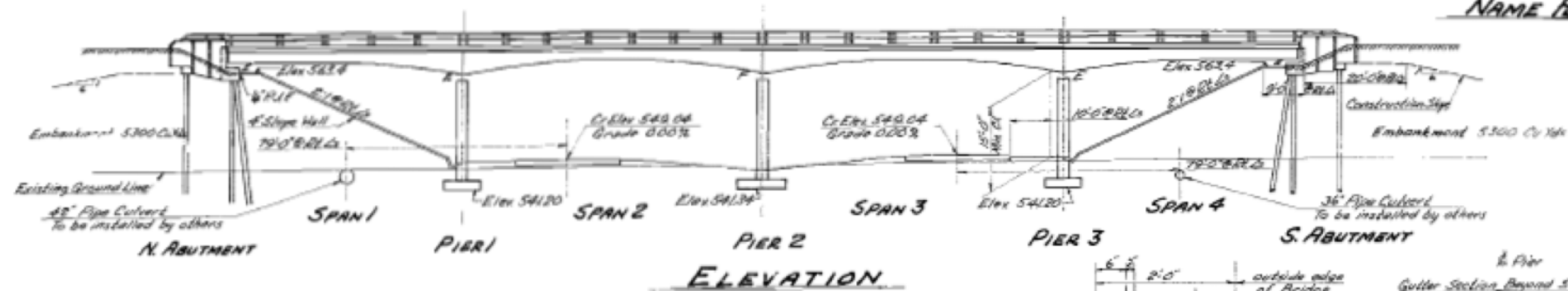
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

STATION 1164+55.40
BUILT 195 BY
STATE OF ILLINOIS
F.A.I. RT. 6 SEC. 32-2HB
F.A. PROJ. I-06-3(15)
LOADING H20-516

FAI-80

DATE	BY	CHECKED	SCALE	SHEET NO.
12-2	GRUNDY	2.0	8	8 SHEETS

NAME & DATA



DESIGN STRESSES
 f_c = 1400 psi. Concrete (except Flyc)
 f_s = 18000 psi. Reinforcing
 f_s = 20,000 psi. Plates
 f_s = 18,000 psi. Structural Steel
 v = 75 psi. Footings
 Max. Soil Pressure = 8000 psf



GENERAL NOTES

Class X Concrete shall be used throughout.
 The Concrete floor slab shall be finished in accordance with Art. 5.18(b) of the Standard Specifications.
 Slope Wall and Drain Trough shall be reinforced with welded wire fabric, 6"x6" mesh, #8 wire, weighing 58.7100 sq. ft. Drain Trough is included for payment as Slope Wall.
 All Bolsters, Brackets, Bearing Plates, Lead Plates, Pintles and Anchor Bolts shall be fabricated in accordance with Art. 5.14 of the Standard Specifications and are included in quantity of Structural Steel Est. No. 10010 Lbs.
 The Roadway Expansion Guard shall be fabricated and erected in accordance with Art. 5.18(d) of the Standard Specifications and is included in quantity of Structural Steel Est. No. 1620 Lbs. All surfaces of the Expansion Guard inaccessible after erection shall receive two shop coats of red lead paint except the Anchor Straps which shall not be painted.
 Except as otherwise provided all Structural Steel shall receive one shop coat of red lead paint and two field coats of Aluminum Paint. See Art. 5.71 to 5.73 inclusive of the Standard Specifications.
 All paint shall be furnished and applied by the Contractor.
 The Contractor shall drive one lead pile in permanent location at each Abutment before ordering remainder of the piles.

TOTAL BILL OF MATERIAL

ITEM	SUPER	SUB	TOTAL
Class X Concrete	Cu Yds 345.6	163.3	508.9
Structural Steel	Lbs 1163.0		1163.0
Reinforcement Bars	Lbs 7684.0	2987.0	10671.0
Name Plate	Ea One		One
Concrete Piles	Lin Ft 300		300
Test Piles (Concrete)	Ea 2		2
Crossed Timber Piles	Lin Ft 104		104
Hot Lead Paint	Lin Ft 432		432
Class A Excavation for Dr. Curb	Cu Yds 156		156
Slope Wall	Sq Yds 450		450

GENERAL PLAN & ELEVATION
 PROJ. I-06-3(15)
 F.A.I. RT. 6 SEC. 32-2HB-1
 GRUNDY COUNTY
 STA. 1164+55.40 (F.A.I. 6)

DESIGNED BY: Paul A. Kowal
 CHECKED BY: Joe J. Johnson
 DRAWN BY: J. Johnson
 CHECKED BY: JG

APPROVED BY: BR. [Signature]