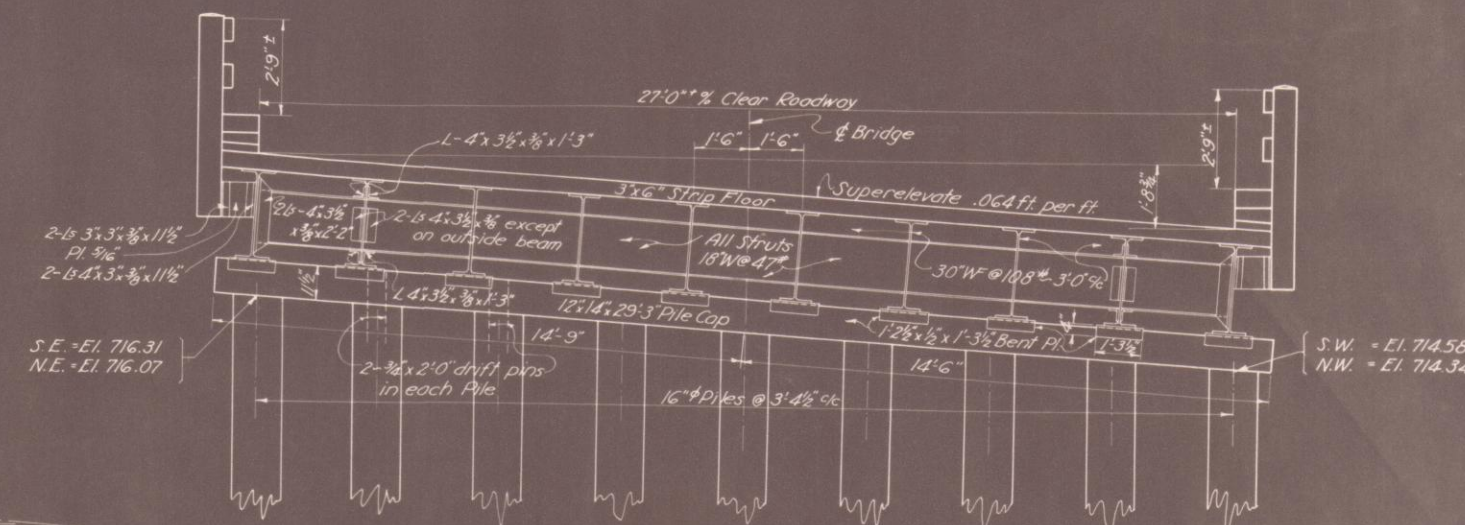
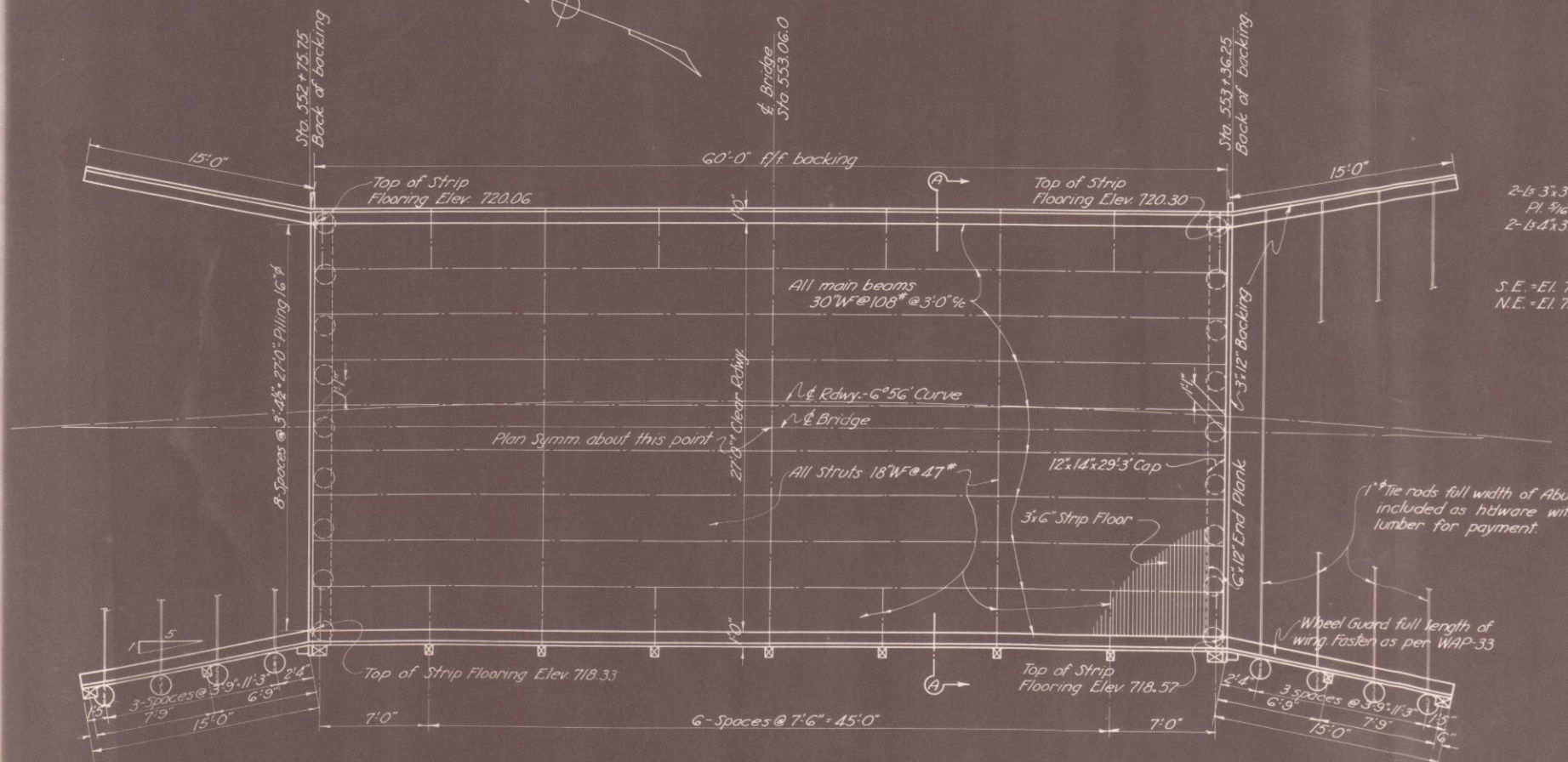
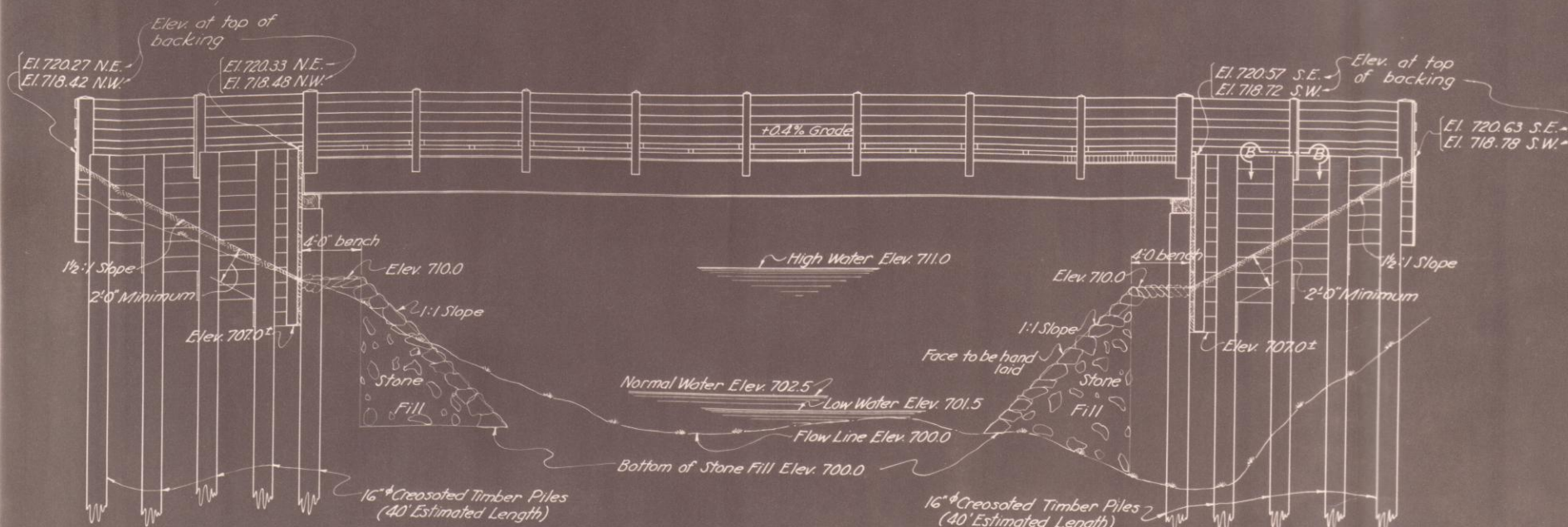


ESTIMATED QUANTITIES

Foundation Excavation, Dry	125 Cu.Yds.
Foundation Excavation, Wet	70 Cu.Yds.
Structural Steel	77,500 Lbs.
Cresosol Lumber	7100 Ft.B.M.
Cresosol Strip Floor	1682 Sq.Ft.
Wooden Bridge Railing	181 Lin.Ft.
First Test Pile (Cresosol or Untreated timber)	Lump Sum
16" Cresosol Timber Piling (estimated length 40 ft.)	1360 Lin.Ft.
Channel Cleanout including removal of existing concrete piers and timber piling	Lump Sum
Stone Fill	240 Cu.Yds.

GENERAL NOTES

- SUPERSTRUCTURE** - consists of one 60'-0" timber bridge with steel stringers and timber abutments. Roadway 27'-0", square, on a 6" 56' curve to right, superelevated 0.064% and on a +0.4% grade.
- STANDARD PLANS** - See Standard Drawings WAP-33 and WSB-33 for details not shown on this drawing.
- LOADING** - Bridge is designed for H-15-33 loading.
- CAMBER** - No camber is required for 30"W beams.
- TREATMENT** - All lumber in abutment including piling and all lumber in superstructure except railing shall be creosol.
- SURFACE COURSE** - Bridge is designed for a future 2" bituminous wearing surface course.
- CHANNEL CLEANOUT** - Existing concrete footings and piling shall be removed to ground line. All trees and brush between faces of abutments and within limits of R/W shall be removed.
- STONE FILL** - Individual stones shall be not less than one cu.ft. in volume except those required to fill voids, which shall not exceed 20% of total stone fill. Exposed face of rock fill shall be hand laid. The material from the existing footings may be used in the stone fill, as directed by the engineer.
- EXCAVATION** - The dividing plane between Wet and Dry, foundation excavation is elevation 702.5. All excavation above and below this elevation shall be classed as Foundation Excavation Dry, and Wet respectively.
- TIMBER PILING** - The 16" timber piling shall be driven to a depth sufficient to develop a bearing capacity of at least 10 Tons, and preferably 15 Tons.



STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES					
GENERAL PLAN & ELEVATION DETAILS, NOTES AND QUANTITIES BRIDGE NO. MU-146-105 OVER BARTLETT RUN MUSKINGUM COUNTY SECTION "B"					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
S.G.A.	L.M.	R.P.	S.R.	W.B.	10/9/55