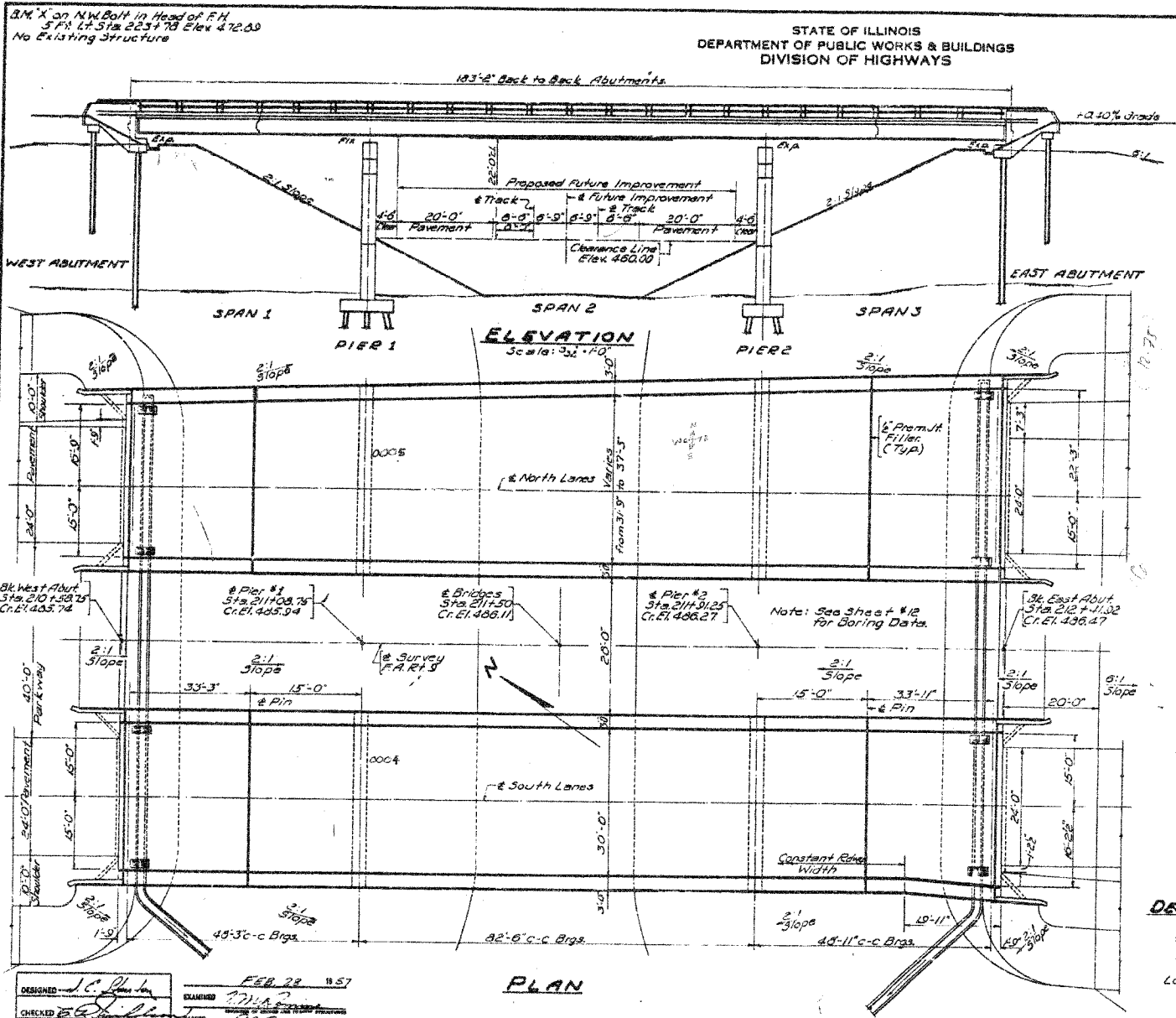


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	*	TAZEWELL	1366	388
FED. ROAD DIST. NO. 7			ILLINOIS FED. AID PROJECT-	1 SHEETS

* (90-1DR-2; 90(13,14,14-DR-1

valued abutment



DATE	BY	CHECKED	SCALE	SHEET NO.
1/6	T. J. W.	T. J. W.	1/8"	12 SHEETS

GENERAL NOTES

Rivets 3/4" open hole 4/8" unless noted. Field connections riveted, except as otherwise noted or specified. High Tensile 5 strength bolts may be used in place of field rivets. See Special Provisions. Provide one 'e' and 'g' shims for rail connections to 50% of posts.

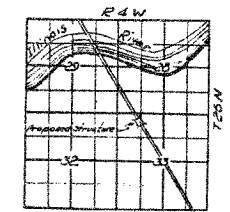
All rollers, rockers, bolsters, bearing plates, lead plates, pintles, and anchor bolts shall be fabricated and set in accordance with Article 51.4 of the Standard Specifications and are included for payment as structural steel. The roadway expansion guards shall be fabricated to fit the crown of roadway. Class X Concrete shall be used throughout. The concrete floor slab shall be finished in accordance with Article 51.8(a) of the Standard Specifications. The following surfaces of expansion guards shall be given two shop coats of red lead paint; exposed legs of angles. Expansion guards are included for payment as structural steel except as otherwise provided, all structural steel shall receive paint. See Art 57.1 to 57.5 inclusive of the Std. Specs. All paint shall be furnished and applied by the Contractor. The Contractor shall drive & test piles (in permanent location as noted on the Plans) as directed by the Engineer before ordering the remainder of Piles. Boring Data are shown on the drawings only as a guide to guides in estimating soil conditions which may be encountered in the work. Precure holes for piling down to natural ground line.

TOTAL BILL OF MATERIAL SEC. 90-11-V8

ITEM	Supp	Sub	Total
Structural Steel (Erection)	Lbs.	493,490	493,490
Metal Handrail (Erection)	Lin. Ft.	705	56
Class X Concrete	Cu. Yds.	373.9	553.3
Reinforcement Bars	Lbs.	27,500	60,270
Cast Iron Frames	Each	2	2
Steel Piles - 12" x 12"	Lin. Ft.	3315	3315
Steel Piles - 8" x 8"	Lin. Ft.	4,400	4,400
Test Piles (Small)	Each	2	2
Test Piles (Small)	Each	2	2
Class A Excavation	Cu. Yds.	2	291
Name Plates	Each	2	2

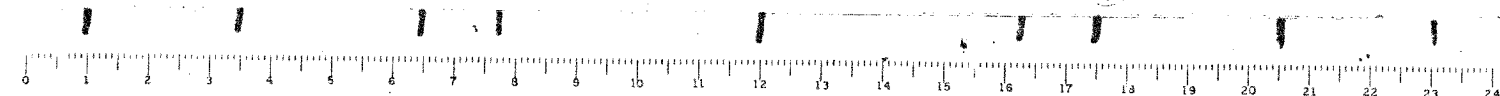
DESIGN STRESSES

f_c = 1400 p.s.i. (Superstr.)
 f_c = 900 p.s.i. (Substr.)
 f_s = 20,000 p.s.i. (Eering)
 f_s = 18,000 p.s.i. (Struct.)
 n = 10
 Loading H20-5.16-44



DESIGNED BY: C. J. [Signature]
 CHECKED BY: [Signature]
 DRAWN BY: [Signature]
 FEB 22 1957
 APPROVED BY: [Signature]

GENERAL PLAN & ELEVATION
BRIDGE OVER
T.P. & W.R.R.
F.A.I.R.T.E. SEC. 90-11-V8
TAZEWELL COUNTY
STATION 211+50



FOR INFORMATION ONLY



TAZEWELL COUNTY
 EXISTING STRUCTURE PLAN AT
 PROPOSED STRUCTURE NO. 090-0159