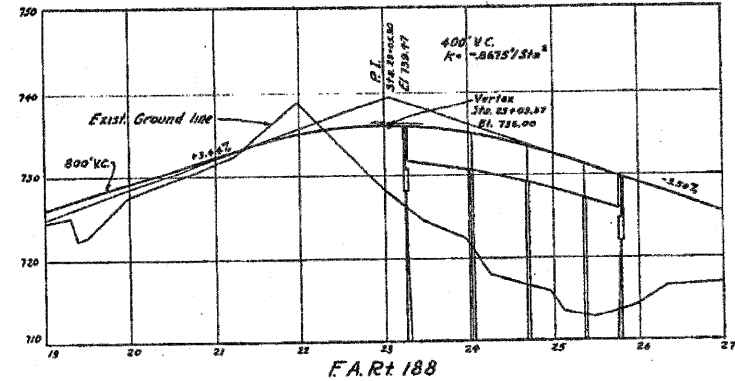
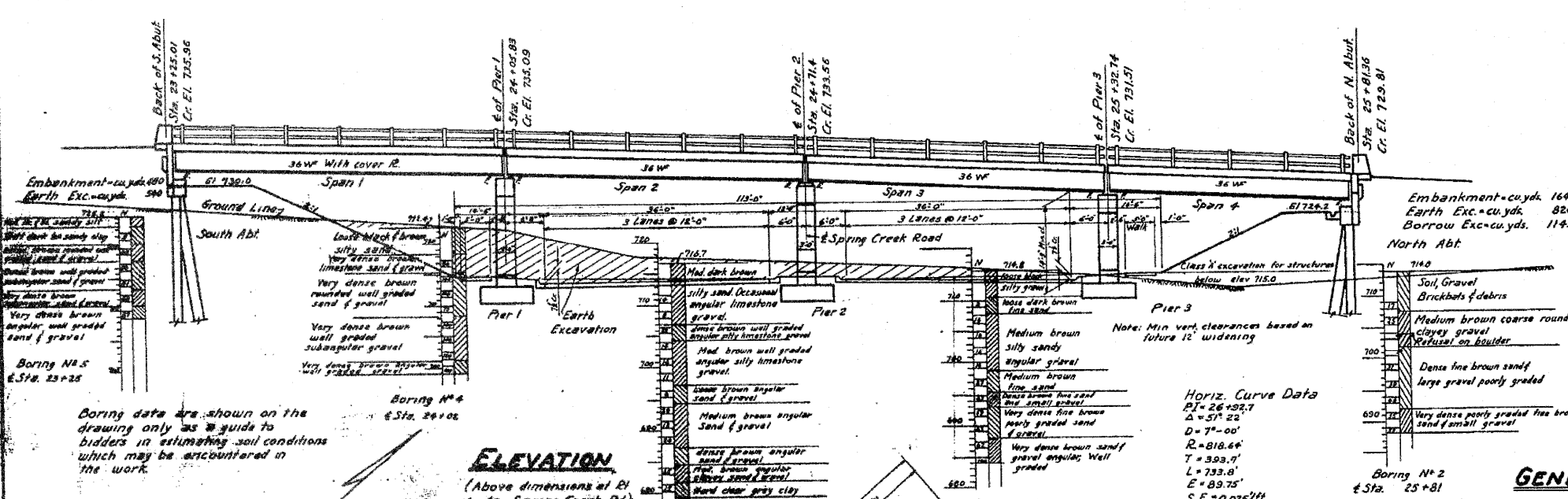


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. OF SHEETS
1-1-BR	1-2-HB-D	Winnebago	38	21
PROJECT NO. U-276(1)		SHEET NO. 17 SHEETS		

ΔM-X in base of traffic signal 25' Rt Sta. 15+27  
(Spring Creek Road) El. 717.90  
No existing bridge  
N= Blows per foot of penetration of  
sampling spoon. Hammer wt=350# drop=12"



GENERAL NOTES

Class 'X' Concrete shall be used throughout except in end posts. Handrail concrete shall be used in end posts. The concrete floor slab shall be finished in accordance with Art. 511.8 (a) of the Standard Specifications. Rivets  $\frac{3}{8}$ " open holes  $\frac{1}{8}$ " unless noted. Field connections riveted unless noted. All rollers, rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Art. 511.4 of the Standard Specifications and are included for payment as structural steel. Est. Wt. = 48,000#

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 57.1 to 57.5 inclusive of the Standard Specifications. All paint shall be furnished and applied by the Contractor involved. The Contractor shall drive two test piles (con) in permanent location as directed by the Engineer before casting or ordering remainder of piles and two test piles (timber) before ordering remainder of piles. Railings shall be adjusted to true alignment after sidewalks have been poured.

TOTAL BILL OF MATERIALS

Item	Super	Sub	Total
Class 'X' Concrete	cu. yds. 684.8		684.8
Handrail Concrete	cu. yds. 0.6		0.6
Structural Steel	lbs. 100,000		100,000
Reinforcement Bars	lbs. 10,000		10,000
Metal Handrail	lin. ft. 500		500
Cast Iron Frames	ea. two		two
Name Plate	ea. one		one
Concrete Piles	lin. ft. 578		578
Test Piles (Concrete)	ea. two		two
Class 'A' Exc. for Structures	cu. yds. 720		720
Earth Excavation	cu. yds. 1380		1380
Bit-Fiber Conduit	lin. ft. 248		248
Borrow Excavation	cu. yds. 1195		1195
Cresosoted Piles (Up to 20')	lin. ft. 1560		1560
Test Piles (Timber)	ea. two		two
Metal Shoes	ea. 64		64

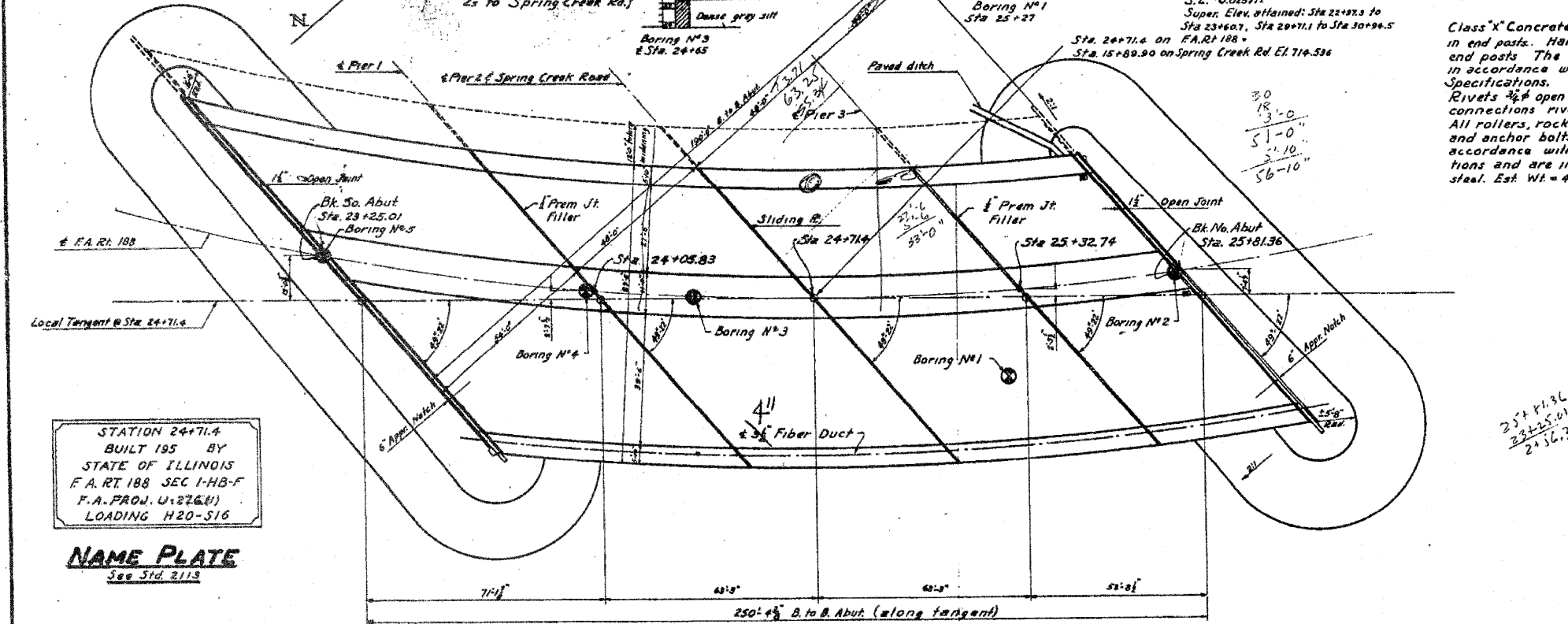
Item	Super	Sub	Total
Structural Steel	lbs. 100,000		100,000
Metal Handrail	lin. ft. 500		500

F.A. RT 188 OVER SPRING CREEK RD.  
PROJ. U-276(1)  
F.A. RT 188 SEC 1-HB-F  
WINNEBAGO COUNTY  
STA 24+71.4

STRESSES

f<sub>c</sub> = 1400#/in<sup>2</sup> Super  
f<sub>c</sub> = 800#/in<sup>2</sup> Sub.  
f<sub>s</sub> = 18000#/in<sup>2</sup> Struct. Steel  
f<sub>s</sub> = 20000#/in<sup>2</sup> Reinf. Bars  
n = 10

PLAN



STATION 24+71.4  
BUILT 1955 BY  
STATE OF ILLINOIS  
F.A. RT 188 SEC 1-HB-F  
F.A. PROJ. U-276(1)  
LOADING H20-S16

NAME PLATE  
See Std. 2113

DESIGNED	George P. ...	EXAMINED	W.M. ...
CHECKED	...	PASSED	...
DRAWN	R. Bash	APPROVED	Rh. ...
CHECKED	...		

Revised 4-7-55 - W.J.M. Sheet showing alternate types of piles added as Sheet 12

ROUTE	SECTION	COUNTY	SHEET
FAP 303 (IL 251) & FAU 5146 (FOREST HILLS ROAD)	1-1-HBR & 1-2-HB-D	WINNEBAGO	150 OF 216
CONTRACT		64B79	

INFORMATION ONLY