

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUR & LAS	219	160
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

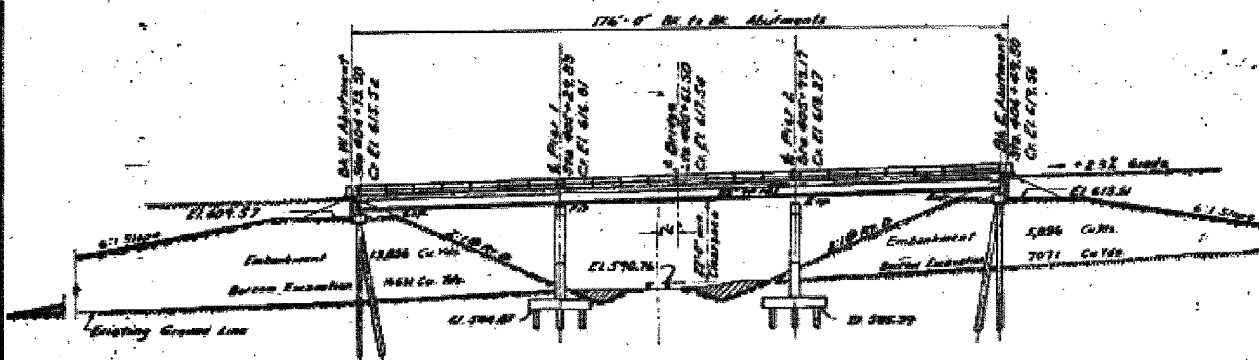
(06-14 & 50-8)RS-1 (14B,B-1,VB,VB-1,VB-2,VB-3)BR

B.M. 54.1 ft in 95° 04', 53" L.
Sta. 405+40.0 ELEV. 24
No Existing Structure

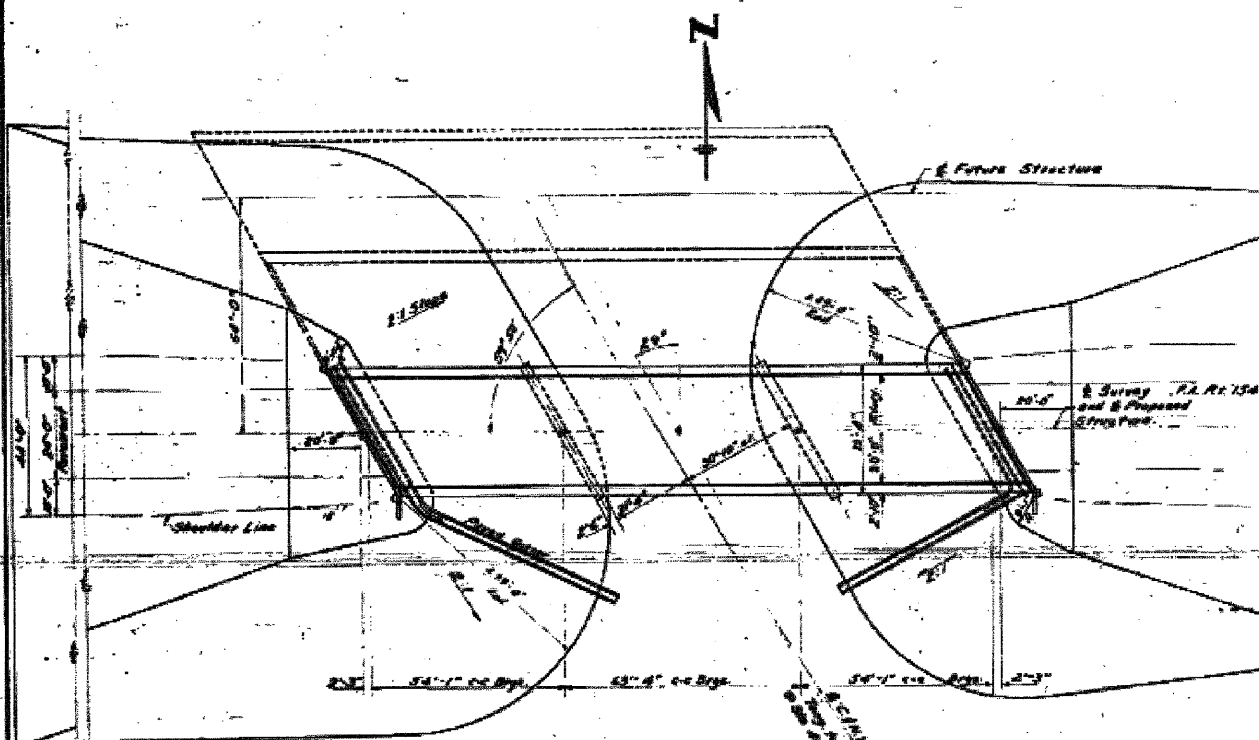
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



DATE	BY	SCALE	NO.
1952	W. M. ...	AS SHOWN	1

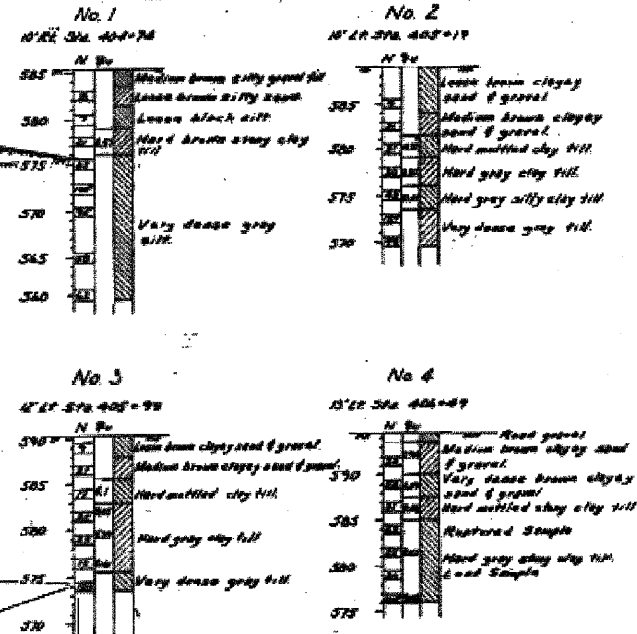


ELEVATION
Scale: 1" = 20'-0"



PLAN

BORING DATA



Note: N = Blows per foot of penetration of sampling spoon, Rammer Weight = 350 lbs. Drop = 12 inches.
90 = Unconfined compressive strength in tons per square foot.

GENERAL NOTES

Open to 1/2" except in beam splices. See 50.3 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 poured in an unbroken operation between joints and shall be finished in accordance with Art. 51.8 (g) of the Standard Specifications.
All Washers, Bolting Plates, Lead Plates and Anchor Bolts shall be fabricated and set in accordance with Art. 51.4 of the Standard Specifications and are included for payment as Structural Steel.
Before Superstructure is placed construct embankment in accordance with Art. 8 of the Standard Specifications. Anchor Bolts shall be set before footing diaphragms over support.
Except as otherwise provided, all Structural Steel shall receive one coat of Red Lead paint and two full coats of Aluminum paint. See Art. 51.1 to 51.5 incl of the Standard Specifications.
All paint shall be furnished and applied by the Contractor.
All Metal Handrail includes Rail Post Anchors are included for payment as Lead feet of Metal Handrail. Railings shall be adjusted to true alignment after curbs have been poured. All Rail Posts shall be vertical. The Contractor Unit Price per linear foot of Metal Handrail includes the furnishing, installing and painting of the handrail. The number of linear feet is measured face to face of concrete piers.
The Contractor shall drive one metal rail post pile in permanent location as directed by the Engineer and one timber post pile before ordering remainder of piles.
Boring Data are shown on this plan only as a guide to bidders in estimating soil conditions which may be encountered in the work.

TOTAL BILL OF MATERIAL

ITEM	SUPER	SUB	TOTAL
Class X Concrete	Cu Yds. 189.6	263.0	452.6
Handrail Concrete	Cu Yds. 80'		80'
Reinforcement Bars	Lbs. 179990	179990	179990
Structural Steel	Lbs. 179990		179990
Metal Handrail	Ln. Ft. 248.6		248.6
Washers	Ea. 1		1
Metal Bolt Piles	Ln. Ft. 1	229	229
Timber Piles (New Dept)	Ea. 1		1
Grouted Piles	Ln. Ft. 1	871	871
Timber Piles (Reused)	Ea. 1		1
Metal Pile Shoes	Ea. 1	81	81
Class X Excavation for Street Cuts	Cu Yds. 1		1
Cast Iron Brackets	Ea. 1		1
Barren Excavation	Cu Yds. 22701	22701	22701

G. & N. W. R. R.
BUILT 195 BY
STATE OF ILLINOIS
F.A. RT. 154 SEC. 14-VB
LOADING H20-S16

LETTERING FOR NAME PLATE
See Standard 211B

DESIGN STRESSES

- f_c = 1400 p.s.i. Super
- f_c = 800 p.s.i. Slab
- f_s = 16000 p.s.i. Structural
- f_s = 20000 p.s.i. Paint
- n = 16

GENERAL PLAN & ELEVATION

F.A. PROJ. FG-574(6)
G. & N. W. R. R. OVERHEAD
F.A. RT. 154 SEC. 14-VB
BUREAU COUNTY
STATION 405+61.50(1)

DESIGNED	H. M. ...	DATE	April 26, 1952
CHECKED	F. M. ...	BY	W. M. ...
APPROVED	H. M. ...	BY	W. M. ...
CHECKED	S. M. ...	BY	W. M. ...

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING BRIDGE PLANS
SN 006-0034 (WBL)
SCALE: VERT. _____
DATE: _____ HORIZ. _____
DRAWN BY: _____
CHECKED BY: _____

Plot Date = Aug 27, 2008 - 01:47:50 PM
File Name = c:\pwworkspace\pwworkspace\100020000\100020000.dwg
Plot Scale = 1/8" = 1'-0"
User Name = wenzelko