

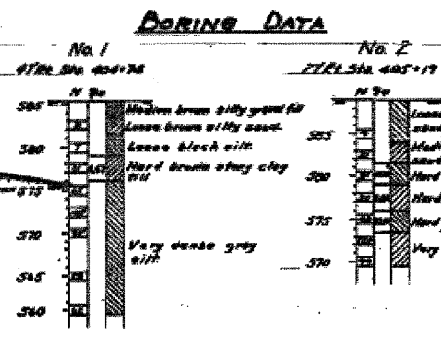
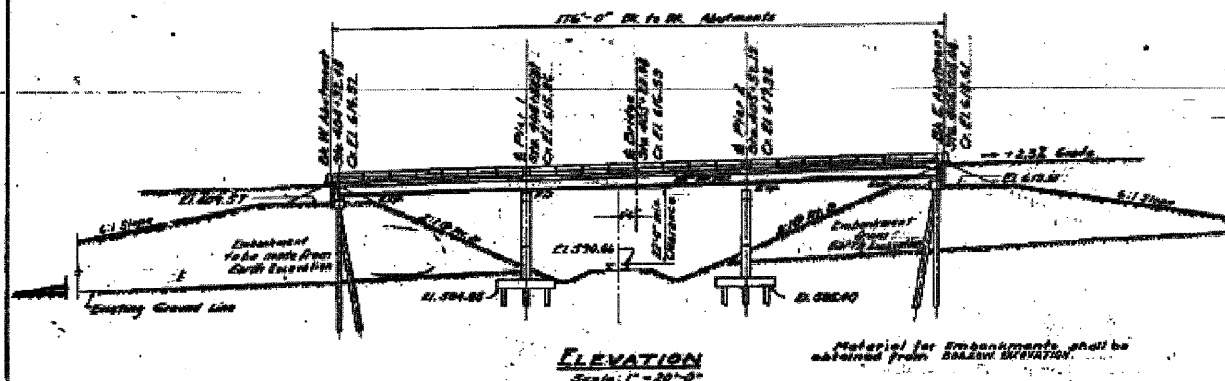
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUR & LAS	219	149
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

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

DATE: APR. 14, 1957
 DRAWN BY: S.M. V.R.R.
 CHECKED BY: S.M. V.R.R.

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

DATE: APR. 14, 1957	BY: S.M. V.R.R.	CHECKED BY: S.M. V.R.R.	SCALE: 1"=20'-0"
PROJECT: C&N.W.R.R. OVERHEAD	SECTION: SEC. C-14-VB-2	COUNTY: BUREAU	STATION: 405+20.40



GENERAL NOTES

NOTE: Class X Concrete shall be used throughout except in End Posts and Gravity walls.

Handrail Concrete shall be used in End Posts.

The Concrete Floor Slab shall be poured in continuous sections between joints and shall be finished in accordance with Art. 51.6 of the Standard Specifications.

All Rebar, Bending 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. 6 of the Standard Specifications. Anchor Bolts shall be set before resting subgrade over support.

Embedment of reinforcement provided, all Structural Steel shall receive one coat of Red Lead paint and two full coats of Aluminol paint. See Art. 51.1 to 51.5 of the Standard Specifications.

All joint shall be furnished and applied by the Contractor.

All Metal Handrail including Rail Post Anchors are included for payment in Item 10 of the Standard Specifications. Bridge shall be set parallel to true alignment of the curb line shown. All Rail Posts shall be vertical.

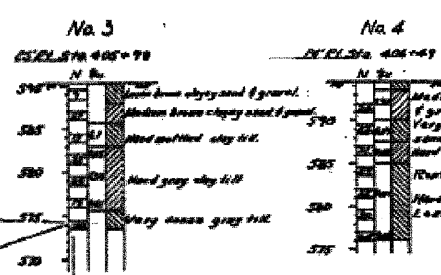
The Contractor shall furnish, install and paint the handrail. The number of linear feet is measured from the face of concrete grade.

The Contractor shall drive two concrete test piles in the proposed location directed by the Engineer and one timber test pile before ordering remainder of piles.

Boring Data are shown on the plan only as a guide to locate & ascertain soil conditions which may be encountered in the work.

The concrete test piles are to be driven one in each abutment. The timber test pile is to be driven in the vicinity of Pier 2.

Class A Concrete shall be used in the gravity wall.



Note: N = Blows per foot of penetration of sampling spoon. Number Height = 300 lbs. Drop = 12 inches.
 90 = Unconfined compressive strength in tons per square foot.

C. & N. W. R. R.
 BUILT BY
 STATE OF ILLINOIS
 F.A. PROJ. 2-06-3(6)
 SEC. C-14-VB-2
 LOADING H20-S16

LETTERING FOR NAME PLATE
 See Standard 2115

TOTAL BILL OF MATERIAL

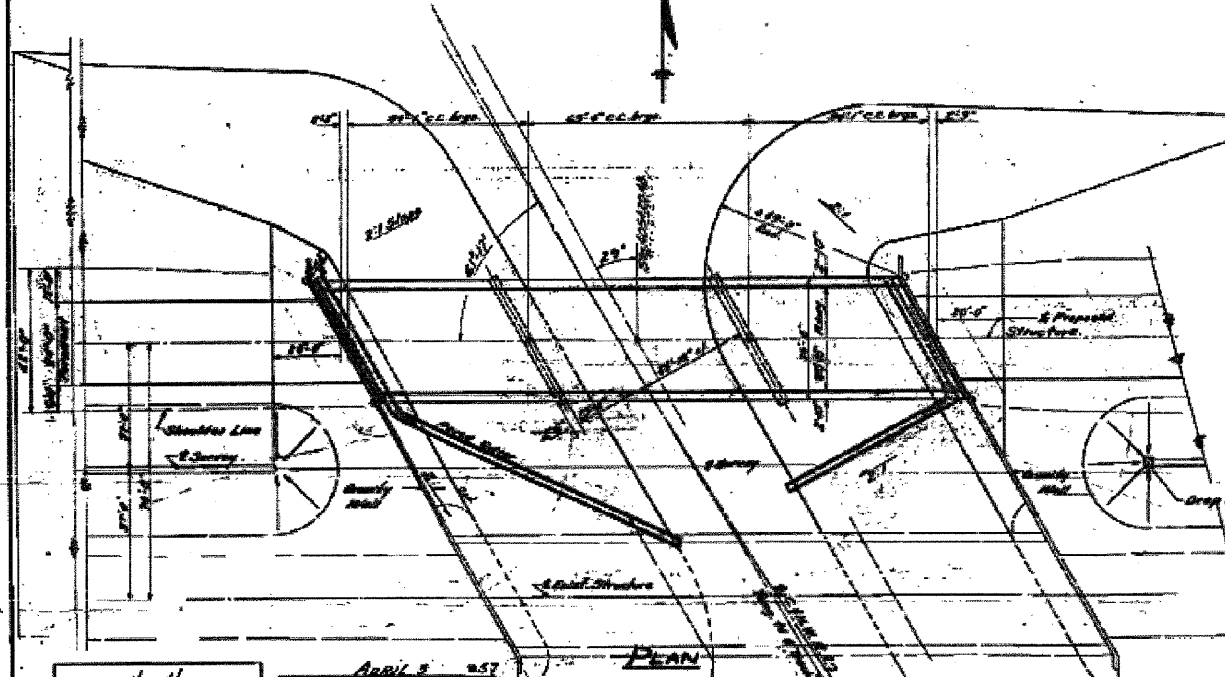
ITEM	QUANTITY	UNIT	AMOUNT
Class X Concrete	167.6	Cu Yds.	438.4
Handrail Concrete	85	Cu Yds.	6.5
Reinforcement Bars	27690	Lbs.	1160
Structural Steel	179390	Lbs.	179390
Metal Handrail	348.5	Lin. Ft.	315
Lead Plates	1	Sq. Ft.	1
Concrete - Misc.	1	Lin. Ft.	325
Test Piles (Concrete)	2	Lin. Ft.	2
Concrete Piles	871	Lin. Ft.	871
Test Piles (Timber)	1	Lin. Ft.	1
Metal Shells	81	Sq. Ft.	81
Class A Concrete for Gravity Wall	270	Cu Yds.	270
Cast Iron Frames	2	Lin. Ft.	2
Earth Excavation	36582	Cu Yds.	36582
Class A Concrete	22.5	Cu Yds.	22.5

DESIGN STRESSES

f_c = 4000 p.s.i. Super
 f_c = 3000 p.s.i. Substr.
 f_s = 20000 p.s.i. Structur.
 f_s = 20000 p.s.i. Reinf.
 n = 8

GENERAL PLAN & ELEVATION

F.A. PROJ. 2-06-3(6)
 C. & N. W. R. R. OVERHEAD
 F.A. PROJ. 2-06-3(6)
 SEC. C-14-VB-2
 BUREAU COUNTY
 STATION 405+20.40
 EXHIBIT-1



DESIGNED BY: S.M. V.R.R.
 CHECKED BY: S.M. V.R.R.
 DATE: APRIL 14, 1957

FOR INFORMATION ONLY

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING BRIDGE
 PLANS
 SN 006-0035 (WBL)

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____