

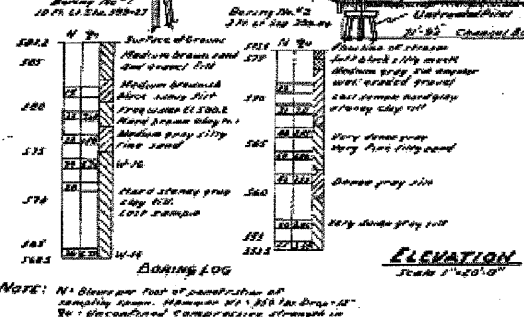
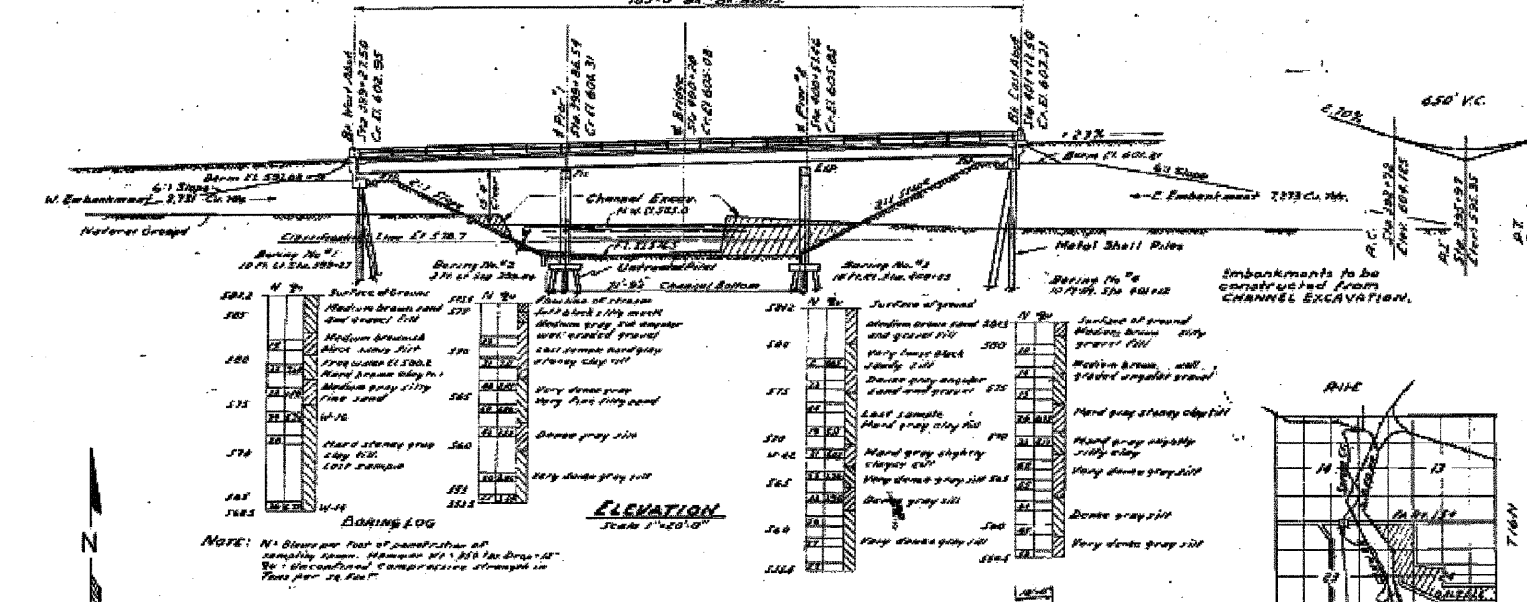
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	BUR & LAS	219	140
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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

REPORT NO.	SECTION	DATE	BY	SCALE
114	11	11	4	

B.M. Sp. 124.35' Burr Oak 45' Lt.
Sta. 225+75 EL. 584.67
Existing Structures: 3 Iron Timber
18' Ribby on Stone Abut. and
Timber Pile Piers. To be removed by
Bridge Contractor.



NOTE: No. 1 shows per foot of penetration of sampling tool. Maximum of 125 lbs. down at 10' interval. Compressive strength in tons per sq. ft.

GENERAL NOTES

Class A Concrete shall be used throughout in and back.

Handrail Concrete shall be used in Handrail End Posts.

The Concrete Floor Slab shall be finished in accordance with Article 511(b) of the Standard Specifications and shall be poured in one continuous operation between joints. The curbs and side walls or longitudinal structures joints shall be on crest section, shall be poured immediately after curb has been poured.

River Piles in Web Splices shall be suspended 1/4" and secured to 1/4".

River Piles in Girder Splices shall be suspended 1/4" and secured to 1/4".

All Rivets, Bearing Plates, Lead Plates, Pinches and Anchor Bolts shall be fabricated and set in accordance with Article 51, 18 of the Standard Specifications and are included for payment as Structural Steel.

All Stringers of a continuous unit shall be assembled in the shop in their proper alignment and girders, with or without diaphragms in place. Splices shall be web punched, banded firmly together and reamed and match marked. Leave assembled for shop inspection.

All Structural Steel and Metal Handrail shall be inspected by the Illinois Division of Highways before painting.

Except as otherwise provided all Structural Steel and Metal Handrail shall be given one shop coat of red lead paint and two field coats of red lead paint. See Articles 571 to 575 inclusive of the Standard Specifications. All Post Anchors shall not be painted.

All joints shall be finished and sanded by the Contractor.

Bolting shall be obtained to true alignment after curbs have been poured.

All Posts shall be vertical.

All Metal Rail including Rail Post Anchor is included for payment as Metal Handrail. The number of Lines feet is measured face to face of Concrete End Posts.

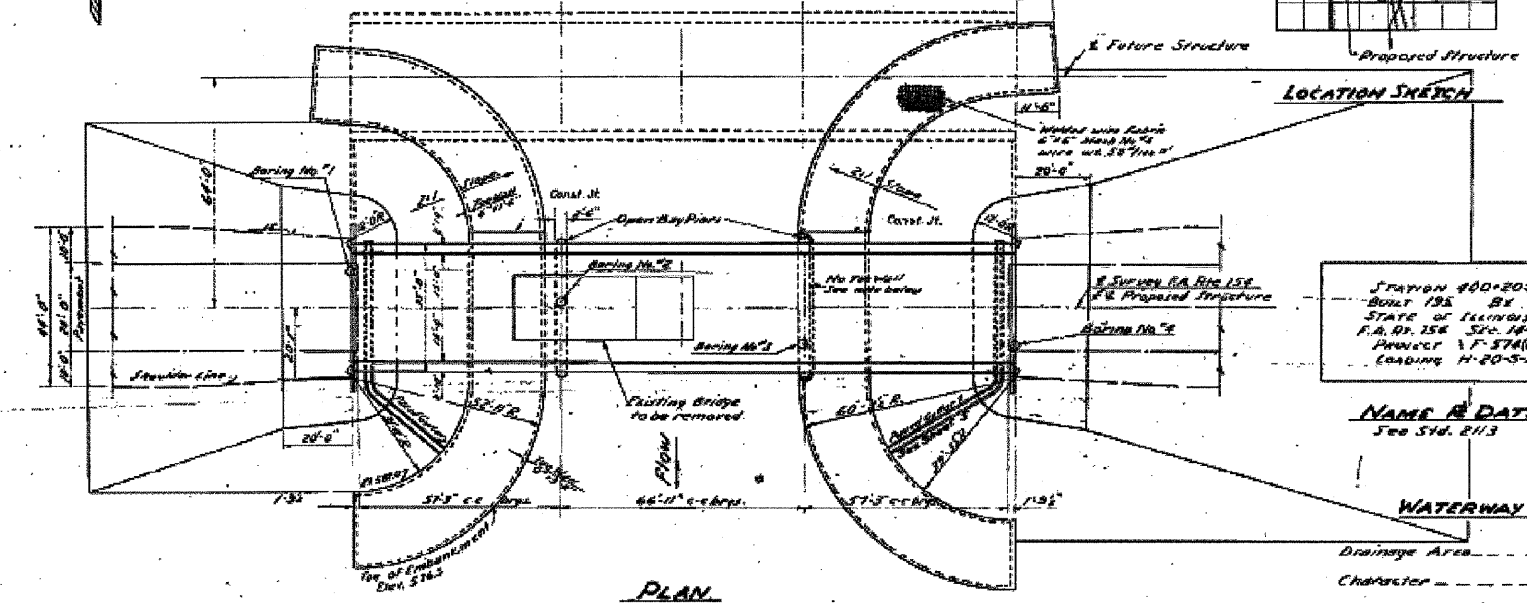
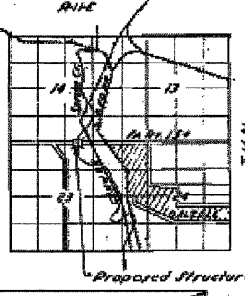
Welding shall comply with Article 55.8(2) of the Standard Specifications.

Layout of slope walls may be varied to best ground conditions in the field as directed by the Engineer.

The Contractor shall drive one Metal Shell Test Pile at one abutment and one Untreated Test Pile at one Pier, in a permanent location as directed by the Engineer, before ordering the remainder of Piles.

Boring Logs are shown on the plans only as a guide to Builders in estimating soil conditions which may be encountered in the work.

Anchor Bolts shall be set before riveting diaphragm or supports.



STATION 400+20.11
BUILT 1928 BK
STATE OF ILLINOIS
F.A. RT. 156 SEC. 14-B
PROJECT F-574(B)
LOADING H-20-S16

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUB.	TOTAL
Class A Concrete	Cu. Yds.	176.0	480.8
Handrail Concrete	Cu. Yds.	0.5	0.5
Reinforcement Bars	Lbs.	30,110	52470
Structural Steel	Lbs.	194730	194730
Metal Handrail	Lin. Ft.	367	667
Main Plate	Sq. Ft.	1	1
Channel Excavation	Cu. Yds.		16000
Metal Pile Shoes	Sq. Ft.	65	65
Class B Excavation for structure	Cu. Yds.	180	180
Metal Shell Piles	Lin. Ft.	537	537
Test Piles (Metal Shell)	Sq. Ft.		1
Untreated Piles	Lin. Ft.	1040	1040
Test Piles (Timber)	Sq. Ft.		1
Removal of Existing Structure	Sq. Yds.		1015
Slope Wall	Sq. Yds.		1025

NAME & DATA
See Std. 211.3

WATERWAY INFORMATION

Drainage Area ----- 22,400 Acres
Character ----- Rolling, Clay, Wooded, Cultivated
Required Opening (20yr Flood): 700 sq. Ft.
Present Opening ----- 398 sq. Ft.
Proposed Opening ----- 700 sq. Ft.

**GENERAL PLAN ELEVATION
BRIDGE OVER SPRING CREEK
F.A. PROJ. F-574(B)
F.A. RT. 156 SEC. 14-B
BUREAU COUNTY
STA. 400+20(11)**

DESIGNED: Lami Olson
CHECKED: Harry Chapp
DRAWN: [Signature]
CHECKED: Harry Chapp

APRIL 26, 1955
EXAMINED: [Signature]
VISED: [Signature]
APPROVED: [Signature]

NOTE:
1.6% R.F. shall be used between toe of East Sluff Wall and East Face of Pier #2

DESIGN STRESSES
fc = 1800 psi
fs = 800 psi
fs = 18,000 psi
fs = 20,000 psi

H 20-S16-44 LOADING

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EXISTING BRIDGE
PLANS
SN 006-0032 (EBL)**

SCALE: VERT. _____
 HORIZ. _____
DATE: _____

DRAWN BY: _____
CHECKED BY: _____

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