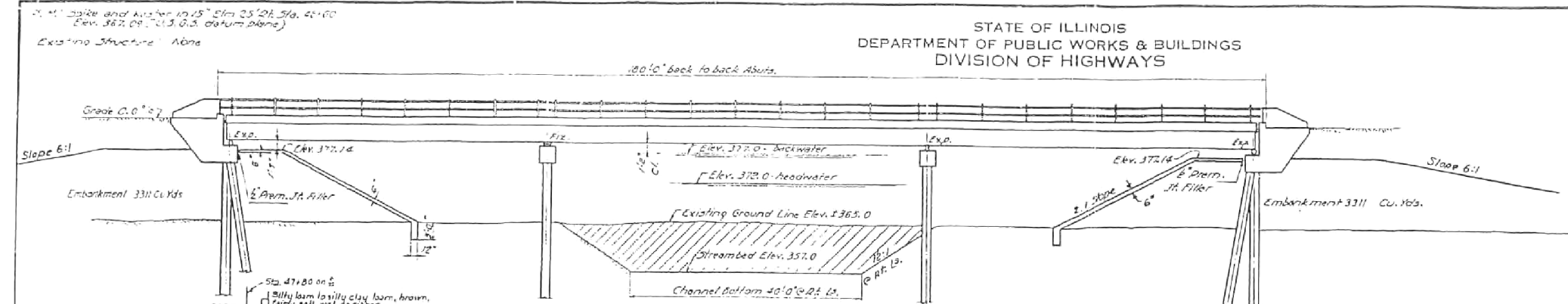


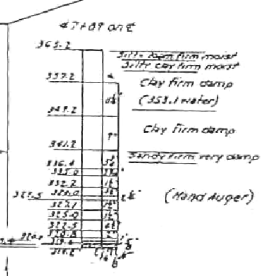
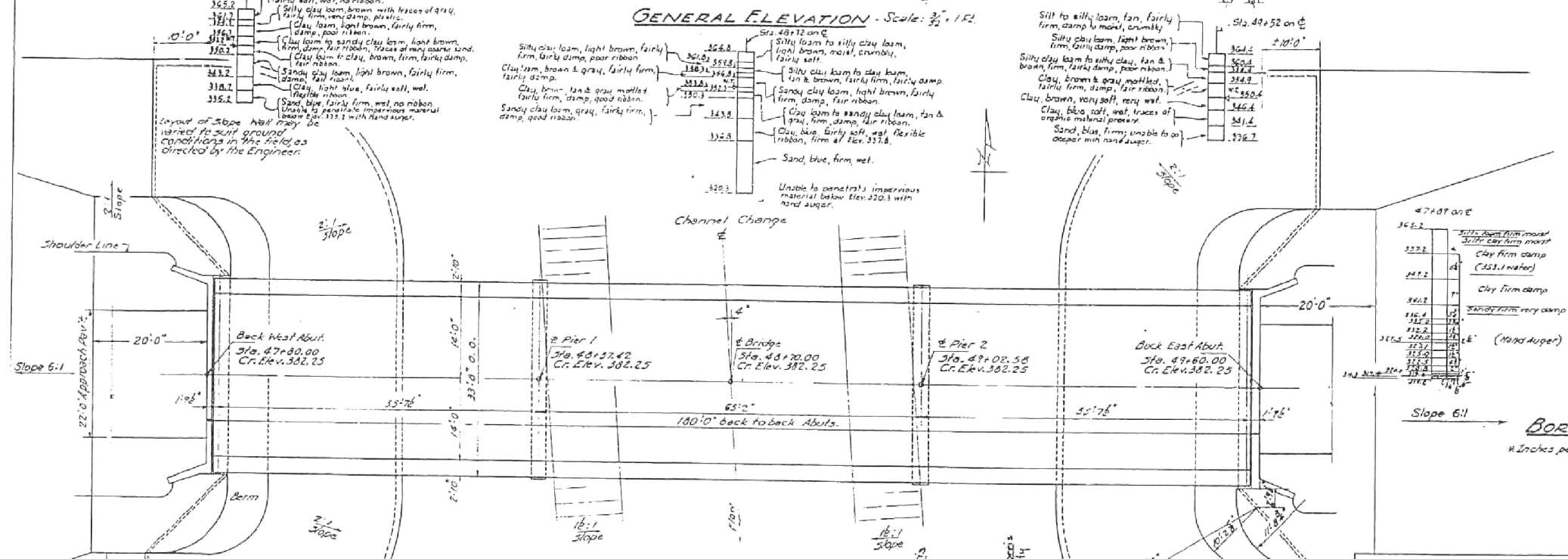
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

DATE	NO.	BY	CHKD.	REV.	SHEET NO.
11.13	100-B	White	Gallatin	11	6
PROJECT: F-221(5)					G SHEETS



GENERAL NOTES

Class-2 Concrete shall be used throughout. Handrail Concrete shall be used in Ret. Posts. Concrete floor slab shall be finished in accordance with Art. 31.13 (c) of the Standard Specifications and shall be poured in a continuous operation on either side of the longitudinal construction joint. Slope wall shall be reinforced with welded wire fabric. 6"x6" mesh #4 wires weighing 50# per 100 Sq. Ft. All connections shall be riveted except as noted. Rivets shall be 2" Hexes #4 except as noted. Structural Steel shall receive one shop coat of red lead paint after inspection and two field coats of aluminum paint. All paint to be furnished and applied by Contractor. See Arts. 31.1 to 31.5 inclusive of the Standard Specifications. Rebarings shall be adjusted to true alignment after curbs (safety walks) have been poured. All rollers, rockery bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Art. 31.14 of the Standard Specifications and are included for payment as Structural Steel. Estimated weight: 14,220 lbs. Anchor bolts shall be set before riveting diaphragms over supports. Expansion guards shall be fabricated and erected in accordance with Art. 31.17 of the Standard Specifications. Est. height: 150". Welding shall comply with Art. 35.4 (3) of the Standard Specifications. The Contractor shall drive one Test Pile in a permanent location as directed by the Engineer before ordering the remainder of the piles. Before Superstructure is placed construct embankment in accordance with Sec. 16 of the Standard Specifications. Layout of slope walls may be varied to suit ground conditions in the field as directed by the Engineer. Boring Data are shown only as a guide to bidders in estimating soil conditions which may be encountered in the work.



WATERWAY INFORMATION

Drainage Area	30340 acres.
Character	Rolling, cultivated, & pasture.
Reg'd. Opening (25yr flood)	1250 sq. ft.
Present Opening	none
Proposed Opening	1250 sq. ft.

TOTAL BILL OF MATERIAL

ITEM	QUANTITY	UNIT	TOTAL
Class-2 Concrete	163.4	Cu. Yds.	227.2
Handrail Concrete	1.8	Cu. Yds.	1.8
Reinforcement Bars	27110	Lbs.	31920
Structural Steel	181060	Lbs.	181060
Metal Handrail	359	Lin. Ft.	359
Slope Wall	59	Sq. Yds.	1043
Name Plates	1	Each	1
Precast Conc. Pile	1150	Lin. Ft.	1150
Test Pile (Precast Conc.)	1	Each	1

STATION 48+70
BUILT 195 BY
STATE OF ILLINOIS
F.A. RTE. 113 - SEC. 100-B
F.A. PROJ. F-221(5)
LOADING H20-S16

LETTERING FOR NAMEPLATE
See Standard 2113

CROSS SECTION OF PROPOSED CHANNEL CHANGE

RT and LT Sta. 48+70

TO BE CONSTRUCTED UNDER SEPARATE CONTRACT



LOCATION SKETCH



DESIGNED	M J Carril	EXAMINED	April 13 1955
CHECKED	H J Shan	PASSED	[Signature]
DRAWN	M. B. L.	APPROVED	[Signature]
CHECKED	J. C.		

DESIGN STRESSES

f _c	1400	1/2" Super
f _s	20000	1/2" Super
f _s	18000	1/2" Struct.
n	10	

GENERAL PLAN ELEVATION
F.A. RTE. 113 - SECTION 100-B
PROJECT F-221(5)
WHITE COUNTY
STATION 48+70

FILE NAME = D978231-sht-existingstructure.dgn
MODEL = Default
PLOT DRIVER = PLOT_PDF.plt



USER NAME	= twalker
FILE NAME	= D978231-sht-existingstructure.dgn
PLOT SCALE	= 48.0000 1/1 in.
PLOT DATE	= 7/8/2014

DESIGNED	- MCV	REVISED	-
DRAWN	- CMM	REVISED	-
CHECKED	- MTM	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
FOR INFORMATION ONLY

SCALE: NONE SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
877	100B-1	WHITE	54	42
CONTRACT NO. 78231				
ILLINOIS FED. AID PROJECT				