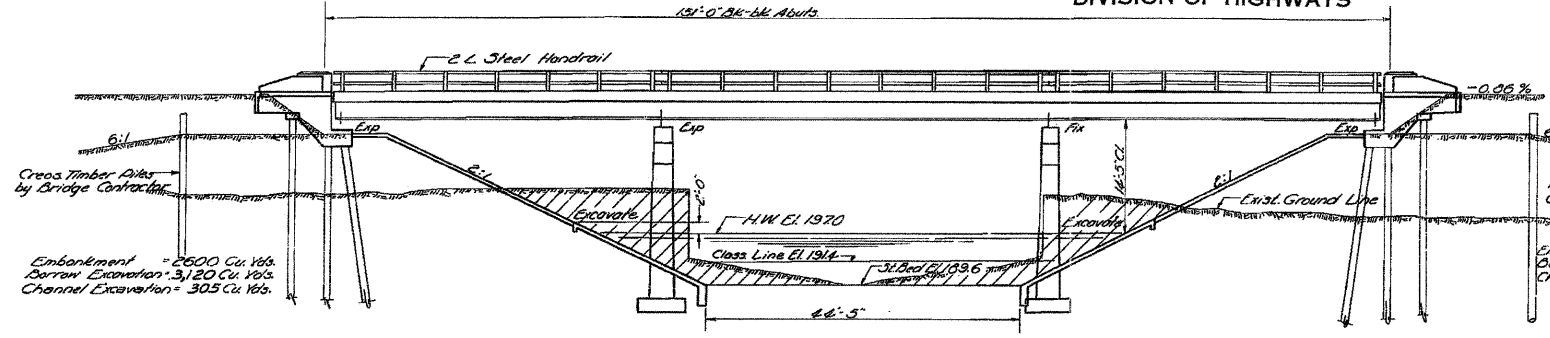


D.M. A On 3rd Corner of South Abut of East Bridge El. = 203.02.
 Existing Structure: RC Deck Girder 1 Span @ 30'1" C.C. Abut.
 To be removed by Bridge Contractor No Salvage.
 Temporary Bridge Required.

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

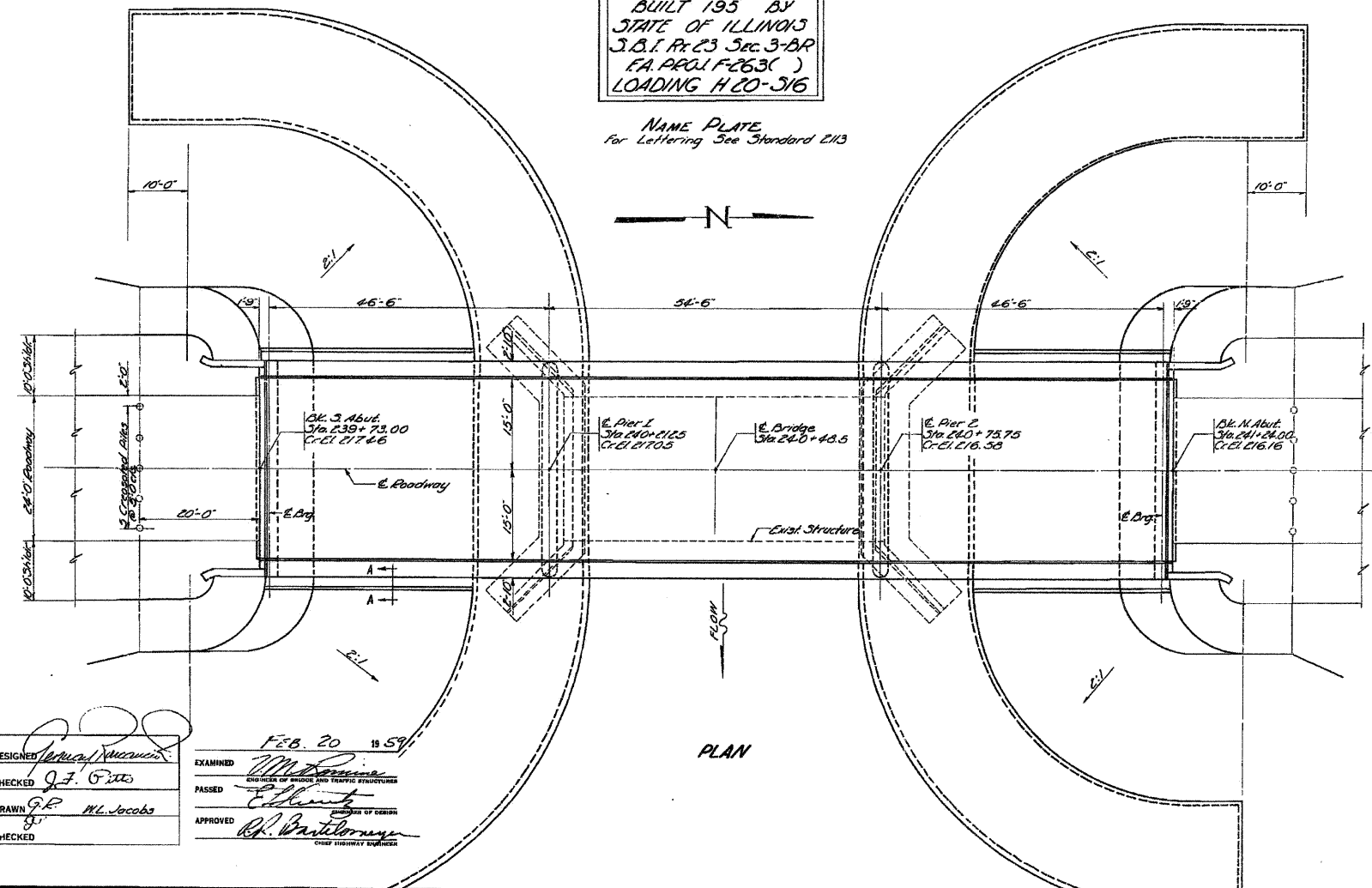
ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
U.S. 24	3BR-1	LaSalle	30	17
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		7 SHEETS



ELEVATION

STATION 240+48.5
 BUILT 195 BY
 STATE OF ILLINOIS
 S.B.I. Pt. 23 Sec. 3-BP
 F.A. PROJ. F-263()
 LOADING H20-316

NAME PLATE
 For Lettering See Standard 213



PLAN

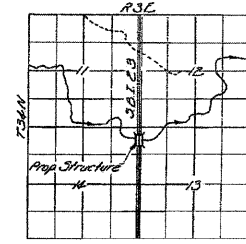
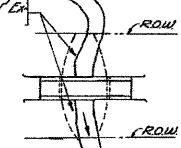
GENERAL NOTES

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 Article 5119 of the Standard Specifications.
 Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 35# per 100 sq. ft.
 Layout of slope walls may be varied to suit ground conditions in the field, as directed by the Engineer.
 Piles #1, Open holes #2, unless noted.
 Field connections riveted, unless noted.
 All rollers, rollers, bearing plates, lead plates, pinlets, and anchor bolts shall be fabricated and set in accordance with Article 5119 of the Standard Specifications, and are included in quantity of Structural Steel Est. No. 6,070.
 Anchor bolts shall be set before riveting diaphragms over supports.
 Expansion guards shall be fabricated and erected in accordance with Article 5113(c) of the Standard Specifications.
 Expansion Guards are included in quantity of Structural Steel Est. No. 1,760.
 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 56.1 to 56.5 inclusive of the Standard Specifications.
 All paint shall be furnished and applied by the Contractor.
 The Contractor shall drive 1 test pile in permanent location as directed by the Engineer before ordering remainder of piles. One test pile at W. Abut.
 The piles for the abutments shall be driven through precast holes in accordance with Article 60.9(e) of the Standard Specifications.

TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
Class X Concrete	Cu. Yds.	139.1	153.6	322.9
Handrail Concrete	Cu. Yds.	3.4		3.4
Reinforcement Bars	Lbs.	22,300	14,670	33,970
Structural Steel	Lbs.	124,920		124,920
Crested Piles	Lin. Ft.			280
Concrete Piles	Lin. Ft.			260
Test Piles (Concrete)	Each			1
Name Plate	Each			1
Borrow Excavation	Cu. Yds.			6,240
Class B Excav for Structures	Cu. Yds.			196
Slope Wall	Sq. Yds.			14.07
Channel Excavation	Cu. Yds.			605
Removal of Existing Structure	Each			One
Temporary Bridge Complete	Each			One
Metal Handrail	Lin. Ft.	290		290

Proposed Channel Change
 605 Cu. Yds. Channel Excavation



LOCATION DIAGRAM

PROPOSED CHANNEL CHANGE



SEC. A-A

WATERWAY INFORMATION
 Drainage Area 17933 Acres
 Character Level, rolling, clay & cult.
 Required Opening (30 Yr. R.) 420 Sq. Ft.
 Present Opening 219 Sq. Ft.
 Proposed Opening 420 Sq. Ft.
 Ordinary Water El. 191.13

DESIGN STRESSES
 f_c = 20,000 p.s.i. Reinf.
 f_s = 18,000 p.s.i. Struct.
 f_c = 14,000 p.s.i. Super & Sub.
 v_c = 75 p.s.i. Footings
 n = 10
 LOADING H20-316-44
 Maximum Soil Pressure = 7 kips per sq. ft.

PROJ. F-263(4)
 GENERAL PLAN & ELEVATION
 BUCK CREEK
 F.A. Pt. 24 (S.B.I. Pt. 23) Sec. 3-BP-1
 LA SALLE COUNTY
 STA. 240+48.5

DESIGNED: [Signature]
 CHECKED: J.F. [Signature]
 DRAWN: G.R. [Signature]
 FEB. 20 1959
 EXAMINED: [Signature]
 PASSED: [Signature]
 APPROVED: [Signature]

FOR INFORMATION ONLY

benesch
 engineers · scientists · planners
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 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 3938.11

FILE NAME =	USER NAME = akeasohall	DESIGNED - JLS	REVISÉ -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN INFORMATION (1 OF 7) STRUCTURE NO. 050-0255 SHEET NO. 529 OF 535 SHEETS	F.A.P. RTE. 68	SECTION (3)BR-3	COUNTY LASALLE	TOTAL SHEETS 61	SHEET NO. 42	
9580225.66A20.029.Exist.Plan.1.dgn	PLOT SCALE =	CHECKED - AJK	REVISÉ -			CONTRACT NO. 66A20					
	PLOT DATE = 10/20/2011	DRAWN - RMG	REVISÉ -			ILLINOIS FED. AID PROJECT					
		CHECKED - HMA	REVISÉ -								

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