



B.M. 3 1/2 W in North side of leaning Twin Mound
 100' East of Sta. 135+20. El. 336.72 ± E. 336.35 U.S.G.S. Datum
 Existing Structure: R.C. Trestle Girder 13 span @ 50'. Roadway 20'
 on solid concrete abutments on rock. Bridge to remain
 in place 1/2 mile downstream from Proposed Structure.

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

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
12-B-2	Webash	11	5	6 SHEETS

ELEVATION
 Scale: 3/8" = 1'-0"

LETTERS FOR NAME PLATE
 See Spec. 2116

PLAN
 Scale: 3/8" = 1'-0"

SECTION A-A

SECTION B-B

CHANNEL CHANGE SKETCH LOCATION SKETCH

GENERAL NOTES

Class X concrete shall be used throughout except in hand rails and piers.
 Class A concrete shall be used in piers.
 The concrete floor slab shall be finished in accordance with Article 5118 (a) of the Standard Specifications.
 Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 58 # per 100 sq. ft. Layout of slope walls may be varied to suit ground conditions in the field as directed by the Engineer.
 Rivets 3/8" open holes 3/4" unless noted.
 Field connections riveted, unless noted.
 Railings shall be adjusted to true alignment after curbs have been poured.
 All rollers, rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 5114 of the Standard Specifications and are included for payment as Structural Steel.
 Anchor bolts shall be set before riveting diaphragms over supports.
 The roadway expansion plate shall be fabricated and erected to fit the crown of roadway.
 Expansion guards are included for payment as Structural Steel.
 The following surfaces of expansion guards shall be given two shop coats of red lead paint and two field coats of aluminum paint as specified in Article 5113 of the Standard Specifications.
 All paint shall be furnished and applied by the Contractor.
 The Contractor shall drive one test pile in a permanent location as directed by the Engineer before ordering remainder of piles.
 Boring Data are shown on the drawings only as a guide to bidders in estimating soil conditions which may be encountered in the work.

TOTAL BILL OF MATERIAL

Item	Quantity	Supersm	Substr	TOTAL
Class X Concrete	Cu. Yds.	163.0	58.1	221.1
Class A Concrete	Cu. Yds.		254.2	254.2
Reinforcement Bars	Lbs.	30034	19,486	49,520
Structural Steel	Lbs.	178770		178770
Metal Handrail	Lin. Ft.	340		340
Slope wall	Sq. Yds.			2,082
Name Plates	Each			One
Class B Excavation for Structure	Cu. Yds.		118	118
Rock Excavation	Cu. Yds.		25	25
Steel Piles	Lin. Ft.			299
Test Piles (Steel)	Each		One	One
Handrail Concrete	Cu. Yds.	0.5		0.5

DESIGN STRESSES

f_c = 4000 p.s.i. (Superstructure)
 f_c = 800 p.s.i. (Substructure)
 f_s = 18000 p.s.i. (Reinforcement)
 f_s = 20000 p.s.i. (Reinforcement)
 n = 10

WARNING INFORMATION

Designs in fulling, etc. woodwork contained
 herein require a (24 hr.) (1000) 1000' &
 preservative treatment, downstream 1000'
 proposed bridge (below water level) 1000'

DESIGNED Frank A. Curcullin
 CHECKED Robert A. Kowalski
 DRAWN J. Garcia
 CHECKED P.D.C.

EXAMINED M. J. ...
 PASSED ...
 APPROVED R. L. ...

JUNE 2 1955

Welded Wire Fabric
 6"x6" Mesh, No. 4
 wires, Wt. 58 #/100'

GENERAL PLAN & ELEVATION
 BRIDGE OVER CRAWFISH CREEK
 S.B.I. RT. 1 SEC. 12-B-2
 WABASH COUNTY
 STATION 135+50

USER NAME = has	DESIGNED - MTD	REVISED -
ESCA PROJECT NO. 933.14	CHECKED - RDP	REVISED -
PLOT SCALE = 0.1667' / IN.	DRAWN - HAS	REVISED -
PLOT DATE = 6/10/2014	CHECKED - 01/31/13	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - SN 093-0003
 FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(12,B2)B-1	WABASH	68	52
CONTRACT NO. 74219			ILLINOIS FED. AID PROJECT	



PRINT DRIVER = LEO E. BARNETT
 SCALE MAKE = PLOT
 FILE NAME = D:\PLOT\12-B-2\12-B-2-5.DWG