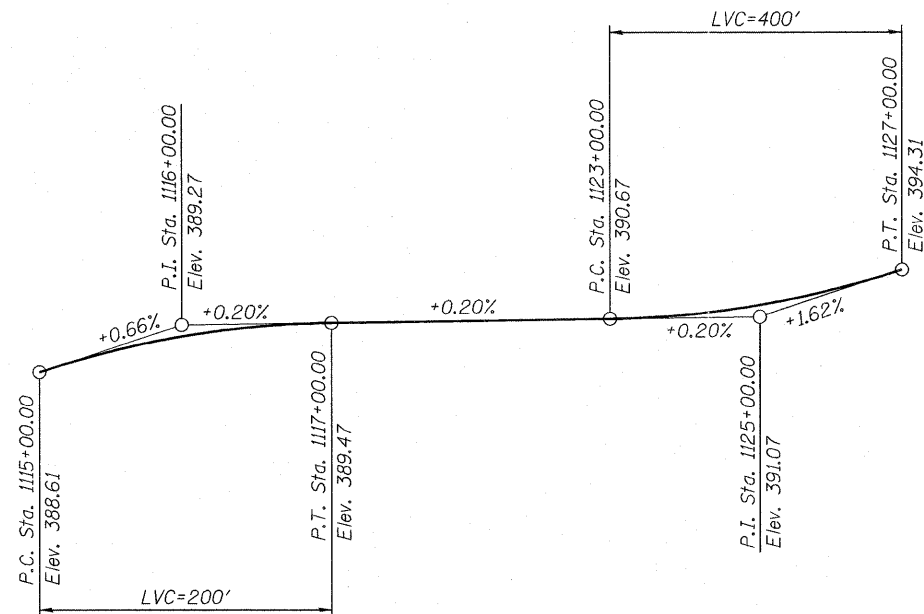


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PROFILE GRADE
(Along \hat{C} Roadway)

CURVE DATA

(Il. Rte. 4)

D = 3°-42'-32" S.E. = 7.3%
 R = 1544.83' P.C. Sta. = 1122+48.60
 L = 878.40' P.T. Sta. = 1131+27.00
 T = 451.43'
 E = 64.41'

Note: Transition from normal crown to full superelevation is attained linearly from Sta. 1122+34.00 to Sta. 1124+38.00.

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts in painted areas and M164 Type 3 in unpainted areas. Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ unless otherwise noted.

Calculated weight of Structural Steel = 636,850 lbs.

All structural steel shall be AASHTO M270 Grade 50W except expansion joints which shall be AASHTO M270 Grade 50. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

No field welding is permitted except as specified in the contract documents.

*** Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

*** Reinforcement bars designated (E) shall be epoxy coated.

*** If the Contractor elects to use cantilever forming brackets on the exterior girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specification. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior girder at each of these additional bracket locations.

*** Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft). Adjustment shall be made either by grinding the surface or by shimming the bearings.

*** Concrete Sealer shall be applied to the designated areas of the East and West Abutments.

All structural steel and exposed surfaces of bearings within a distance of 10 ft. each way from the deck joints shall be painted as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

*** Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

*** Seal coat thickness design is based on the Cofferdam Design Water Elevation (CDWE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.

*** Slipforming of parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Furnishing Structural Steel	L. Sum	1		1
Storage of Structural Steel	Cal. Day	45		45
Furnishing Elastomeric Bearing Assembly, Type II	Each	12		12
Storage of Elastomeric Bearing Assemblies	Cal. Day	45		45

INDEX OF SHEETS

1	General Plan and Elevation
2	General Structure Data
3	Foundation Layout
4-7	Top of Slab Elevations
*** 8	Top of W. Approach Slab Elevations
*** 9	Top of E. Approach Slab Elevations
10	Superstructure Plan and Section
11	Superstructure Details
*** 12-13	Bridge Approach Slab Details
*** 14	Slab Pouring Sequence
*** 15	Drainage Scupper, DS-11
16	Preformed Joint Strip Seal
17	Framing Plan and Design Data
18-20	Girder and Cross Frame Details
21	Bearing Details
22-23	West Abutment Details
24-25	East Abutment Details
26	Pier 1 Plan and Elevation
27	Pier 2 Plan and Elevation
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*** 29	Bar Splicer Assembly and Mechanical Splice Details
*** 30	HP Pile Details
*** 31-35	Boring Logs

*** THIS WORK IS NOT IN THE FABRICATION CONTRACT AND SHEET IS NOT INCLUDED IN THESE PLANS.

THESE PLANS ARE FOR THE FABRICATION OF THE STRUCTURAL STEEL AND BEARINGS. ALL WORK SHOWN THAT IS NOT RELATED TO THE FABRICATION IS FOR INFORMATION ONLY. IT IS NOT INCLUDED IN THIS CONTRACT AND IS IDENTIFIED AS "NOT INCLUDED IN THIS CONTRACT" OR "FOR INFORMATION ONLY."

JACOBS

USER NAME =	DESIGNED - B. ERSCHEN	REVISED Δ 11/09/11 J.T.B.
	CHECKED - R. NIEMIETZ	REVISED -
PLOT DATE = 06-OCT-2011	DRAWN - C. SALLADE	REVISED -
	CHECKED - B. ERSCHEN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL STRUCTURE DATA
STRUCTURE NO. 039-0074

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	114F-1	JACKSON	4	24
			CONTRACT NO. 78283	
ILLINOIS FED. AID PROJECT				

SHEET NO. 2 OF 35 SHEETS

FILE NAME=039-0074978049-Structure Data.dgn