

GENERAL NOTES

Fasteners shall be high strength bolts. Bolts 7/8" dia., open holes 5/16" dia. unless otherwise noted.

Calculated weight of Structural Steel = 405,802 lbs. (M 270, Gr. 50)
39,888 lbs. (M 270, Gr. 36)

The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.

The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges, webs and all splice plate material except fill plates.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. For Type I Elastomeric Bearings, two 1/8" adjusting shims shall be provided for each bearing and placed as detailed.

The Inorganic zinc rich primer /Acrylic/ Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4. See special provision for "Cleaning and Painting New Metal Structures". Field painting not included in this contract.

TOTAL BILL OF MATERIAL

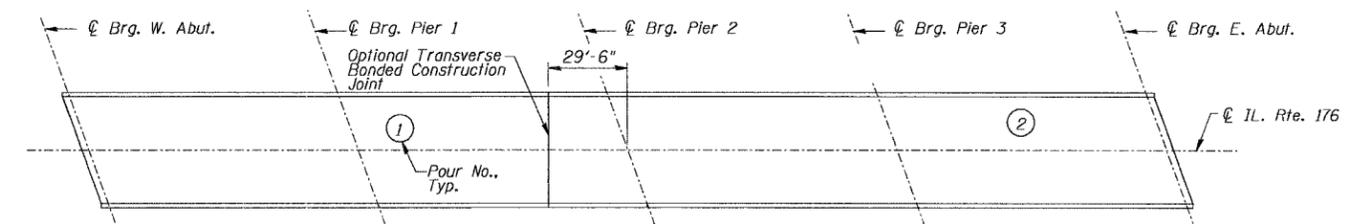
ITEMS	UNITS	SUPER-STRUCTURE	SUB-STRUCTURE	TOTAL
Furnishing Structural Steel	L. SUM	1	-	1
Furnishing Elastomeric Bearing Assembly, Type I	EACH	12	-	12
Furnishing Elastomeric Bearing Assembly, Type II	EACH	12	-	12
* Storage of Structural Steel and Bearings	CAL. DAY	30	-	30
* Field Measurement	L. SUM	1	-	1

* See Special Provisions.

ROUTE NO.	DISTRICT	COUNTY	TOTAL SHEETS	SHEET
533	11 R-1-I-1	McHenry	19	4
FED. ROAD DIST. XXXX		ILLINOIS	FED. AID PROJECT	

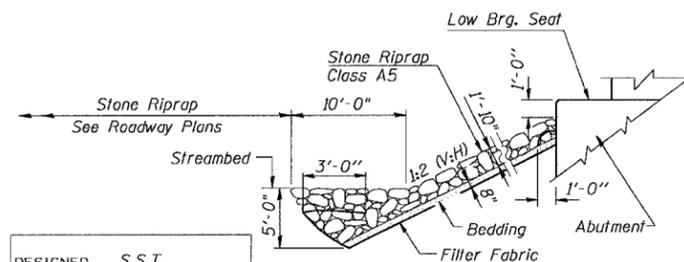
Contract #60D29

SHEET NO. 2 OF 17 SHEETS

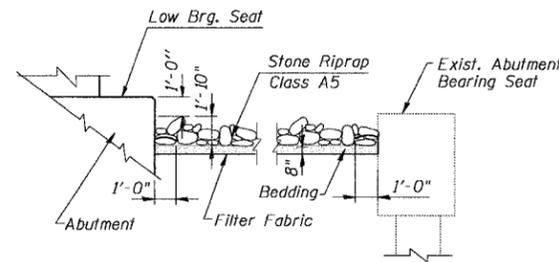


DECK POURING SEQUENCE

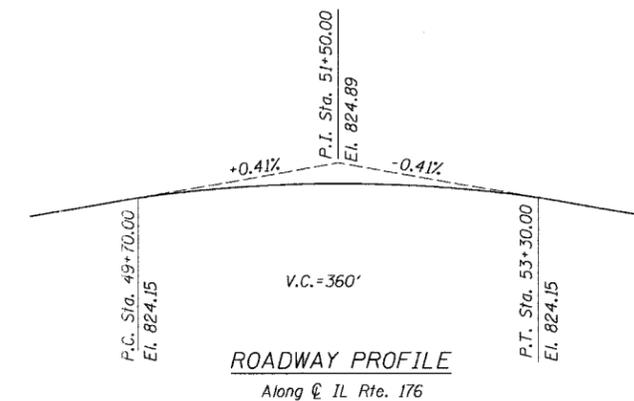
The Contractor may submit an alternate pouring sequence subject to the approval of the Engineer.



EAST ABUTMENT STONE RIPRAP DETAIL



WEST ABUTMENT STONE RIPRAP DETAIL



ROADWAY PROFILE
Along IL Rte. 176

DESIGNED	S.S.T.
CHECKED	S.D.H.
DRAWN	E.B.
CHECKED	S.S.T.

GENERAL NOTES AND TOTAL BILL OF MATERIAL
IL Route 176 over South Branch of the Kishwaukee River
F.A.P. RTE 533, SECTION 11 R-1-I-1
McHENRY COUNTY
STATION 51+50.00
DATE: 06-29-07 S.N. 056-0071
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC CHICAGO ILLINOIS