

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAU 3578	1327 F	COOK	16	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		14 SHEETS

STATION 1516+85.79
BUILT BY
STATE OF ILLINOIS
FAU RT. 3578 SEC. 1327F
LOADING HS20
STR. NO. 016-2847

NAME PLATE
See Std. 515001

GENERAL NOTES

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

Calculated weight of Structural Steel = AASHTO M270 Gr. 50 Pounds
AASHTO M270 Gr. 36 Pounds

Field welding of construction accessories will not be permitted to beams or girders.

Anchor bolts shall be set before bolting diaphragms over supports.

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.

Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

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 shim shall be provided for each bearing and placed as detailed.

The concrete for bridge floors finished according to Article 503.17 of the Standard Specifications, shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The finishing machine, when required, shall be set parallel to the skew for striking off and screeding the concrete.

Bridge Seat Sealer shall be applied to the seat area of the abutments.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

All construction joints shall be bonded.

The Inorganic zinc rich primer/Acrylic/Acrylic Point 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 5B 7/1. 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".

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.			
Porous Granular Embankment (Special)	Cu. Yd.			
Removal of Existing Structures	Each			
Structure Excavation	Cu. Yd.			
Concrete Structures	Cu. Yd.			
Concrete Superstructure	Cu. Yd.			
Bridge Deck Grooving	Sq. Yd.			
Elastomeric Bearing Assembly, Type I	Each			
Neoprene Expansion Joint, 2'	Foot			
Protective Coat	Sq. Yd.			
Erecting Structural Steel	L. Sum			
Furnishing & Erecting Structural Steel	L. Sum			
Stud Shear Connectors	Each			
Reinforcement Bars, Epoxy Coated	Pound			
Aluminum Railing, Type L	Foot			
Temporary Sheet Piling	Sq. Ft.			
Name Plates	Each			
Bar Splacers	Each			
Bridge Seat Sealer	Sq. Ft.			
Geocomposite Wall Drain	Sq. Ft.			
Drainage Scurpers, DS-12	Each			
Temporary Soil Retention System	Sq. Ft.			
Drainage System	L. Sum			
Protective Shield	Sq. Yd.			
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.			
Furnishing Elastomeric Bearing Assembly, Type I	Each	14	-	14
Storage of Elastomeric Bearing Assemblies	C. Day	-	-	30
Furnishing Structural Steel	L. Sum	1	-	1
Storage of Structural Steel	C. Day	-	-	30

DESIGNED	SRT
CHECKED	JJI
DRAWN	GM
CHECKED	JJI

 Bellinger, Lach & Associates, Inc.

**GENERAL NOTES AND
TOTAL BILL OF MATERIAL**

IL 7 (SOUTHWEST HIGHWAY) OVER
US 45 (LA GRANGE ROAD)
F.A.U. ROUTE 3578 SECTION 1327F
COOK COUNTY
STA. 1516+85.79
STRUCTURE NUMBER 016-2847