

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts.
Bolts 7/8 - in. ϕ , holes 15/16 - in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 551,020 lbs AASHTO M270 Gr. 50
= 30,270 lbs AASHTO M270 Gr. 36

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

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 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 exposed surface of abutment backwalls, abutment bridge seats, front face and ends of West Abutment pile cap and front face of East Abutment wall.

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. 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.

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

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

Removal and disposal of debris (logs and branches) under the bridge or lodged against substructures is included in the item Removal of Existing Structures.

The detectable warnings shall be cast grey iron.

Slipforming of parapets is not allowed.

Compact Granular Backfill for Structures behind east abutment and east wingwalls. See Section 205.06 of the Standard Specifications.

Cost for temporary support of existing utilities is included in the item Removal of Existing Structures.

Remove and Reinstall Existing "North Avenue" sign on North Face of Parapet. Install new "North Avenue" sign on South Face of Sidewalk. Install both signs 32'-0" west of ϕ Pier 2. New sign can be picked up at District One Elk Grove yard. Cost included in the item Concrete Superstructure.

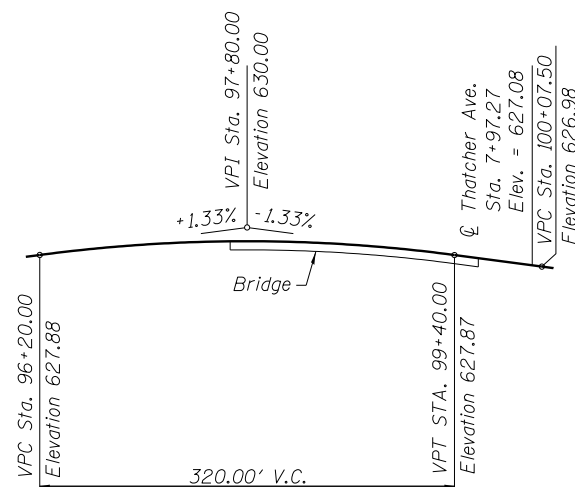
See Roadway Plans for Quantities and Payment for Conduit Attached to Structure and Conduit Embedded in Structure.

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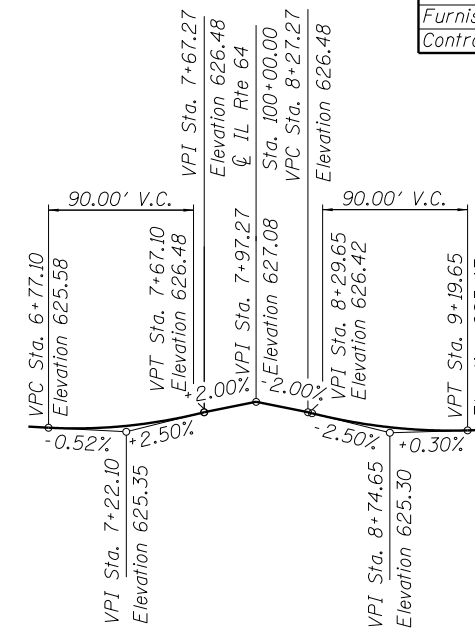
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.		2085	2085
Filter Fabric	Sq. Yd.		2085	2085
Detectable Warnings	Sq. Ft.	20		20
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		180	180
Cofferdam Excavation	Cu. Yd.		4555	4555
Cofferdam (Type 2) (Location-1)	Each		1	1
Cofferdam (Type 2) (Location-2)	Each		1	1
Cofferdam (Type 2) (Location-3)	Each		1	1
Concrete Structures	Cu. Yd.		1430.2	1430.2
Concrete Superstructure	Cu. Yd.	1056.3		1056.3
Bridge Deck Grooving	Sq. Yd.	2463		2463
Seal Coat Concrete	Cu. Yd.		1568.2	1568.2
Concrete Encasement	Cu. Yd.		9.8	9.8
Protective Coat	Sq. Yd.	3151	206	3357
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	15,630		15,630
Reinforcement Bars, Epoxy Coated	Pound	213,270	151,810	365,080
Bar Splicers	Each	731	539	1270
Bicycle Railing	Foot	184		184
Parapet Railing	Foot	455		455
Furnishing Steel Piles HP 12x53	Foot		6690	6690
Driving Piles	Foot		6690	6690
Pile Shoes	Each		187	187
Test Pile Steel HP 12x53	Each		5	5
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	218		218
Elastomeric Bearing Assembly, Type I	Each	51		51
Elastomeric Bearing Assembly, Type II	Each	2		2
Anchor Bolts, 3/4"	Each	72		72
Anchor Bolts, 1"	Each	34		34
Anchor Bolts, 1 1/4"	Each	34		34
Concrete Sealer	Sq. Ft.		3815	3815
Geocomposite Wall Drain	Sq. Yd.		447	447
Storm Sewers, Class A, Type 3, 96"	Foot		16	16
Granular Backfill For Structures	Cu. Yd.		1910	1910
Chain Link Fence, 4' Attached to Structure	Foot		80	80
Drainage Scuppers, DS-12	Each	6		6
Temporary Sheet Piling	Sq. Ft.		3570	3570
Pipe Underdrains for Structures 4"	Foot		145	145
Temporary Soil Retention System	Sq. Ft.		8800	8800
Permanent Casing	Foot		28	28
Furnish and Install Stream Gauge	Each		1	1
Controlled Low-Strength Material	Cu. Yd.		19.0	19.0



PROFILE GRADE IL RTE. 64

(along ϕ Rdwy.)



PROFILE GRADE THATCHER AVE.

(along ϕ Rdwy.)

FILE NAME = \$FILEL\$



USER NAME =	DESIGNED - JJI	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE =	DRAWN - GM	REVISED
PLOT DATE = \$DATE\$	CHECKED - JMT	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA I
STRUCTURE NO. 016-3035**

SHEET NO. 2 OF 62 SHEETS

F.A.P. RTE. 307	SECTION 541Y-3-B	COUNTY COOK	TOTAL SHEETS 143	SHEET NO. 63
CONTRACT NO. 60J11				
ILLINOIS FED. AID PROJECT				