

Contract # 98776

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8 in. ϕ , holes 15/16 in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 80,150 lbs. (AASHTO M270, Grade 50)
11,820 lbs. (AASHTO M270, Grade 36)

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 (IL Modified). See Special Provisions

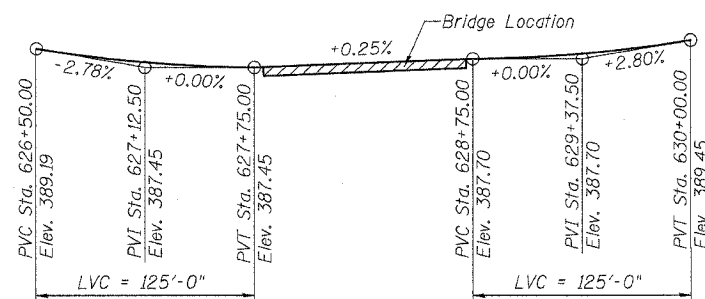
Reinforcement bars designated (E) shall be epoxy coated.

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/L. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

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

TOTAL BILL OF MATERIAL

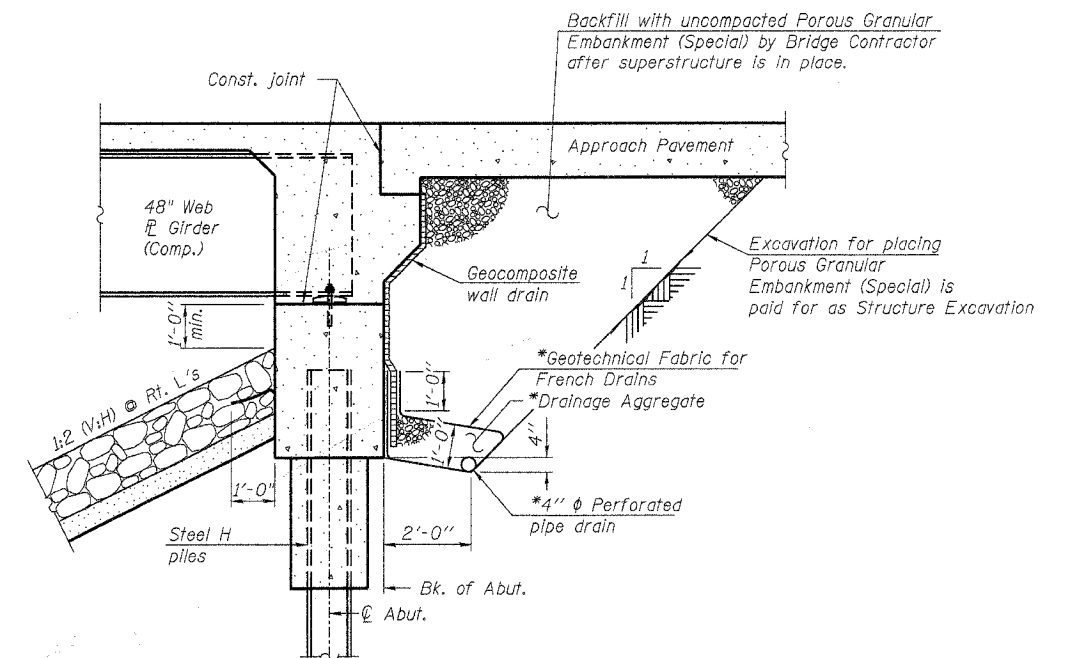
ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	1	-	1
Structure Excavation	Cu. Yd.	-	261	261
Geocomposite Wall Drain	Sq. Yd.	-	111	111
Pipe Underdrains for Structures 4"	Foot	-	128	128
Temporary Soil Retention System	Sq. Ft.	-	648	648
Porous Granular Embankment (Special)	Cu. Yd.	-	229	229
Concrete Structures	Cu. Yd.	-	29.8	29.8
Concrete Superstructure	Cu. Yd.	141.4	-	141.4
Bridge Deck Grooving	Sq. Yd.	348	-	348
Reinforcement Bars, Epoxy Coated	Pound	27600	6200	33800
Bar Splicers	Each	401	20	421
Furnishing and Erecting Structural Steel	Lump Sum	1	-	1
Stud Shear Connectors	Each	1782	-	1782
Protective Coat	Sq. Yd.	445	-	445
Floor Drains	Each	12	-	12
Driving Piles	Foot	-	632	632
Furnishing Steel Piles HP12x 53	Foot	-	632	632
Name Plates	Each	1	-	1
Stone Riprap, Class A5	Sq. Yd.	-	974	974
Filter Fabric	Sq. Yd.	-	974	974
Concrete Encasement	Cu. Yd.	-	5.6	5.6
Anchor Bolts, 1"	Each	-	24	24
Pile Shoes	Each	-	16	16



PROFILE GRADE
(along ϕ Roadway)

STATION 628+25.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RT. 885 SEC. (107A)B-1
LOADING HL-93
STR. NO. 044-0059

NAME PLATE
See Std. 515001



SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. ϕ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

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8/2/2007

Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: KAH
Checked By: MTH
Date: 3/2007

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES & DETAILS
ILLINOIS ROUTE 146 OVER
BUCK RUN CREEK
F.A.P. ROUTE 885 - SEC. (107A)B-1
JOHNSON COUNTY
STA. 628+25.00
STRUCTURE NO. 044-0059