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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: AASHTO M 270 Gr. 50 = 288,650 lbs.
AASHTO M 270 Gr. 36 = 22,860 lbs.

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.

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 Blue, Munsell No. 10B 3/6.

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

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

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.

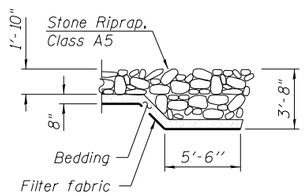
Slipforming of parapets is not allowed.

Deliver temporary support beams and clamps to: IDOT Bridge Maintenance Yard
604 Camp St.
East Peoria, IL

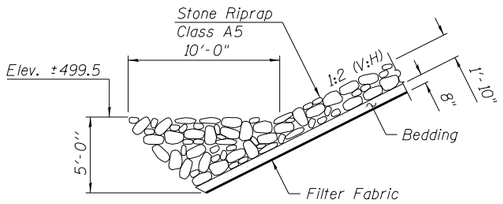
Contact: Brian Ruder,
Phone: 309-699-3822

TOTAL BILL OF MATERIAL

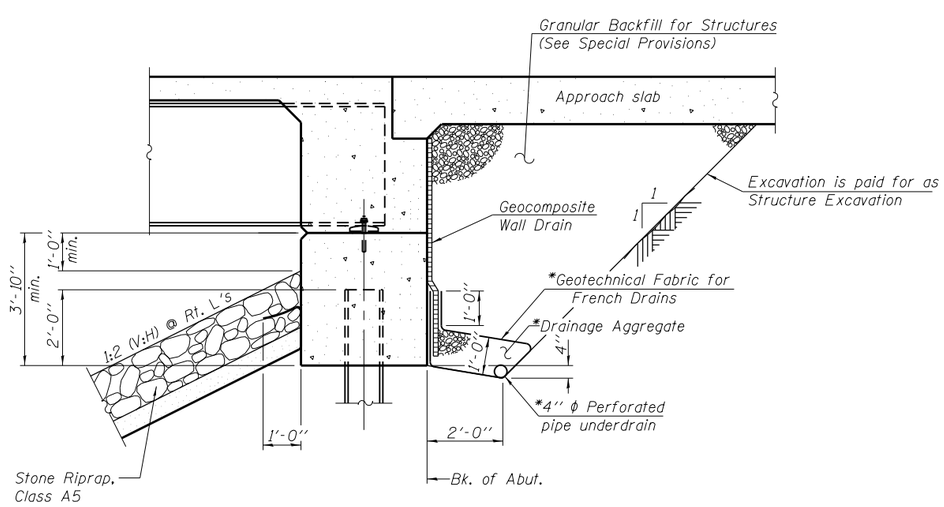
ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		1179	1179
Filter Fabric	Sq. Yd.		1179	1179
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		188	188
Concrete Structures	Cu. Yd.		208.7	208.7
Concrete Superstructure	Cu. Yd.	432.5		432.5
Bridge Deck Grooving	Sq. Yd.	1392		1392
Protective Coat	Sq. Yd.	1817		1817
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	7902		7902
Reinforcement Bars	Pound		12550	12550
Reinforcement Bars, Epoxy Coated	Pound	111790	57450	169240
Bar Splicers	Each	1120	580	1700
Mechanical Splicers	Each		224	224
Furnishing Steel Piles HP 12x53	Foot		435	435
Driving Piles	Foot		435	435
Test Pile Steel HP 12x53	Each		2	2
Name Plates	Each	1		1
Drilled Shaft in Soil	Cu. Yd.		110.6	110.6
Drilled Shaft in Rock	Cu. Yd.		53.8	53.8
Preformed Joint Strip Seal	Foot	68		68
Anchor Bolts, 1''	Each		72	72
Geocomposite Wall Drain	Sq. Yd.		56	56
Concrete Wearing Surface, 5"	Sq. Yd.	230		230
Precast Bridge Approach Slab	Sq. Ft.	1980		1980
Granular Backfill for Structures	Cu. Yd.		100	100
Drainage Scupper, DS-11	Each	4		4
Temporary Sheet Piling	Sq. Ft.		910	910
Pipe Underdrains for Structures 4''	Foot		132	132
Temporary Soil Retention System	Sq. Ft.		930	930



SECTION A-A



SECTION B-B



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

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

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).

FILE NAME = 0720229-68697-002-General Data.dgn	USER NAME =	DESIGNED - BWP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL DATA STRUCTURE NO. 072-0229	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BACON | FARMER | WORKMAN ENGINEERING & TESTING, INC. 403 NORTH COURT STREET MARION, ILLINOIS 62959 PHONE: 618.997.9190		CHECKED - CMV	REVISED -			1388	(Z-1D-BR-1)BR	PEORIA	89	44
	PLOT SCALE =	DRAWN - BWP	REVISED -					CONTRACT NO. 68697		
	PLOT DATE = 3/18/2014	CHECKED - CMV	REVISED -		SHEET NO. 2 OF 34 SHEETS			ILLINOIS FED. AID PROJECT		