## GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts  $7_8$ " diameter, holes  $^{15}_{66}$ " diameter, unless otherwise noted.

Calculated weight of Structural Steel = 428,720 lbs. 38,650 lbs. M270 Gr. 36 and 390,070 M270 Gr. 50

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

Reinforcement bars designated (E) shall be epoxy coated.

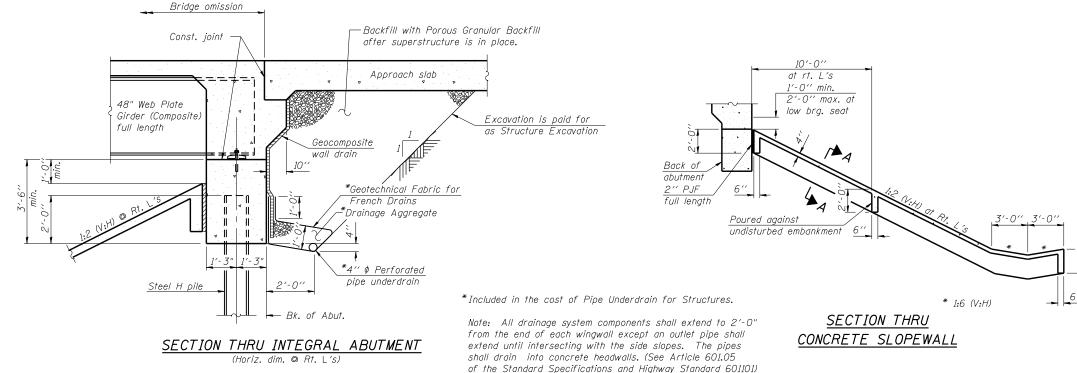
If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of  $l_{B}$  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.

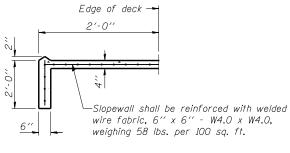
The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

Slipforming of the parapets will not be allowed.



	coombe-Bloxdorf Pc	USER NAME = _MML_	DESIGNED - RKM	REVISED -		GENERAL DATA	F.A.P. RTF.	SECTION	COUNTY TOTAL SHEET
U	-CIVIL ENGINEERS-		CHECKED - MCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 036-0065	534	7-2, 6-1	HENDERSON 976 500
	-STRUCTURAL ENGINEERS- -LAND SURVEYORS-	PLOT SCALE = 10:8.000000 ':" / IN. PLOT DATE = 11/28/2012	DRAWN - CFC	REVISED -		SHEET NO. 2 OF 23 SHEETS		hu mare store at	CONTRACT NO. 68409
Design	Firm License No. 184-002703	FLUI DHTE - 11/28/2012	CHECKED - MCB	REVISED -		SHEEL NO. 2 OF 25 SHEELS		ILLINUIS FED. AI	D PROJECT

<u>total Bill of</u>	MATE	RIAL		
ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Backfill	Cu. Yd.		243	243
Structure Excavation	Cu. Yd.		248	248
Concrete Structures	Cu. Yd.		252.0	252.0
Concrete Superstructure	Cu. Yd.	710.4		710.4
Bridge Deck Grooving	Sq. Yd.	1928		1928
Concrete Encasement	Cu. Yd.		11.0	11.0
Protective Coat	Sq. Yd.	2198		2198
Furnishing and Erecting Structural Steel	L. Sum	0.33		0.33
Stud Shear Connectors	Each	4968		4968
Reinforcement Bars, Epoxy Coated	Lb.	176,850	46,350	223,200
Bar Splicers	Each	138		138
Slopewall 4 inch	Sq. Yd.		773	773
Furnishing Steel Piles HP 14x89	Foot		2947	2947
Test Pile Steel HP 14x89	Each		1	1
Driving Piles	Foot		2947	2947
Name Plates	Each	1		1
Anchor Bolts, 1"	Each	32		32
Anchor Bolts, 14"	Each	16		16
Geocomposite Wall Drain	Sq. Yd.		136	136
Pipe Underdrains for Structures 4"	Foot		219	219



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