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GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts 34" diameter, holes 136 " diameter, unless otherwise noted.

Reinforcement bars designated (E) shall be epoxy coated.

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

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penitrant testing (PT) by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding 1/4" deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

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 girder at each of these additional bracket locations.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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

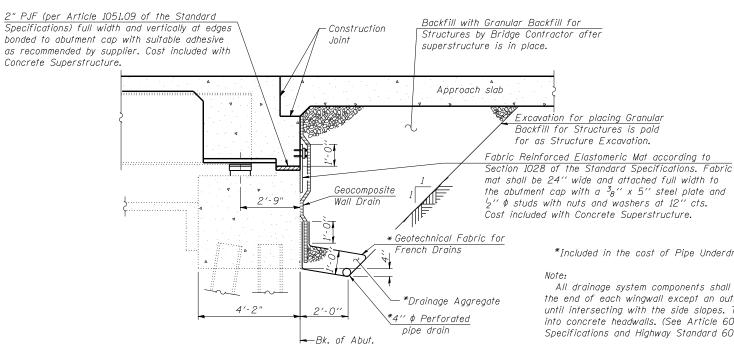
All new structural steel shall be shop painted with an inorganic zinc rich primer per AASHTO M300, Type 1.

Field painting of structural steel shall be done under a separate painting contract.

TOTAL BILL OF MATERIAL

TOTAL DILL OF	TOTAL BILL OF MATERIAL					
ITEM	UNIT	SUPER	SUB	TOTAL		
Concrete Removal	Cu. Yd.		116	116		
Structure Excavation	Cu. Yd.		484	484		
Granular Backfill for Structures	Cu. Yd.		452	452		
Removal of Existing Concrete Deck No. 3	Each	2		2		
Concrete Structures	Cu. Yd.		86.5	86.5		
Concrete Superstructure	Cu. Yd.	1279.2		1279.2		
Protective Coat	Sq. Yd.	4278		4278		
Bridge Deck Grooving	Sq. Yd.	3422		3422		
Reinforcement Bars, Epoxy Coated	Lb.	265,490	15570	281,060		
Bar Splicers	Each	2296	168	2464		
Name Plates	Each	2		2		
Furnishing and Erecting Structural Steel	Pound	5350		5350		
Stud Shear Connectors	Each	9432		9432		
Slopewall Removal	Sq. Yd.		20	20		
Slopewall 4 inch	Sq. Yd.		16	16		
Elastomeric Bearing Assembly, Type I	Each	12		12		
Elastomeric Bearing Assembly, Type II	Each	12		12		
Pipe Underdrains for Structures 4"	Ft.		346	346		
Geocomposite Wall Drain	Sq. Yd.		238	238		
Drainage Scupper, DS-11	Éach	8		8		
Floor Drains	Each	72		72		
Diamond Grinding (Bridge Section)	Sq. Yd.	3241		3241		
Anchor Bolts, 1"	Éach			96		
Structural Repair of Concrete						
(Depth Equal to or Less Than 5")	Sq. Ft.		11	11		
Jack and Remove Existing Bearings	Éach	24		24		
Temporary Sheet Piling	Sq. Ft.		753	753		
Slopewall Repair	Sq. Yd.		52	52		

^{*}Includes PCC Connector Pavement beyond the end of Approaches



*Included in the cost of Pipe Underdrains for Structures.

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).

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

FILE NAME =	USER NAME = _MML_	DESIGNED	-	RKM	REVISED -
\0540063-0064-72ell-002-general-notes.	dgn	CHECKED	-	MCB	REVISED -
	PLOT SCALE = 0:2.0000000 ':" / IN.	DRAWN	-	CFC	REVISED -
CB PROJECT NO. 10007-3	PLOT DATE = 3/18/2013	CHECKED	-	RKM	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES STRUCTURE NO. 054-0063 (N.B.) & 054-0064 (S.B.) SHEET NO. 2 OF 38 SHEETS

Coombe-Bloxdorf P.C -CIVIL ENGINEERS--STRUCTURAL ENGINEERS--LAND SURVEYORS-Design Firm License No. 184-002703

SECTION COUNTY 55 D6 LOGAN CO BR 2011-1 LOGAN 429 287 CONTRACT NO. 72E11