

**GENERAL NOTES**

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

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

Reinforcement bars designated (E) shall be epoxy coated.

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 penetrant testing (PT) by qualified personnel approved by the Engineer.

Any cracks that cannot be removed by grinding 1/4 inch 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 beam 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.

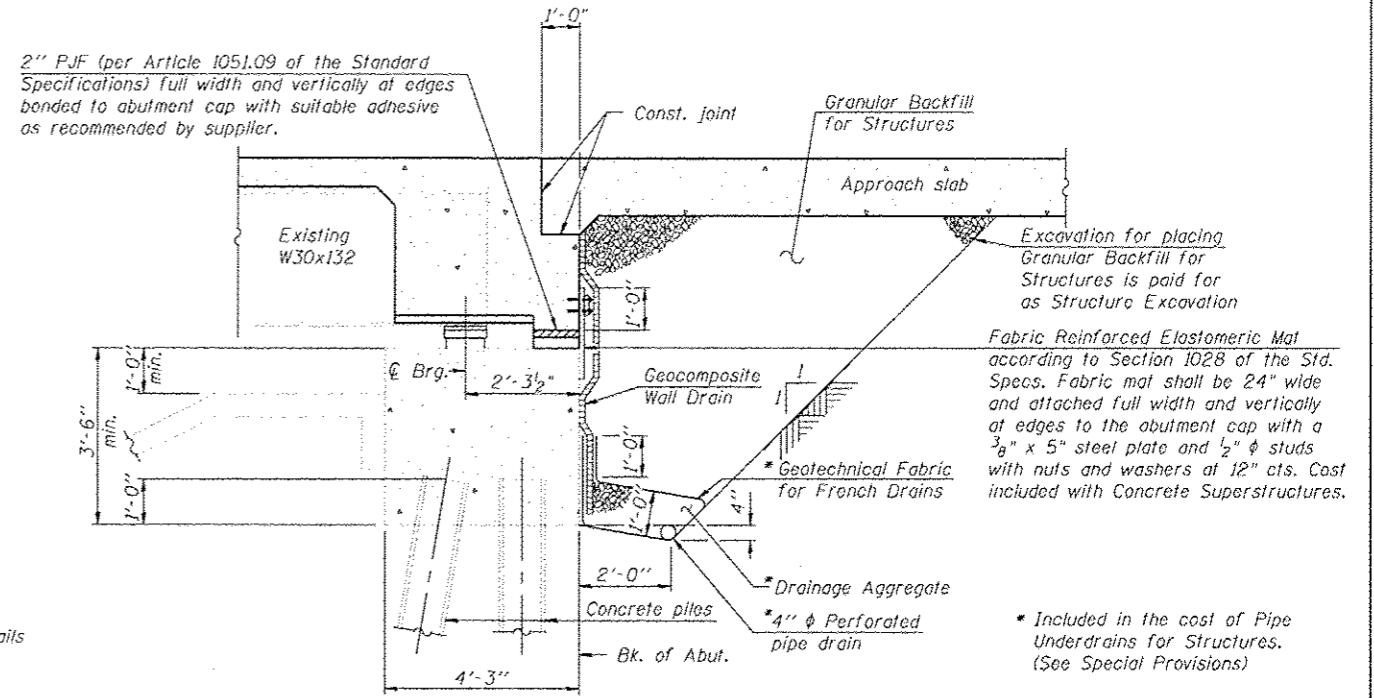
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior erection as required by the special provision Cleaning and Painting Contact Surface Areas of Existing Steel Structures.

All new structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural Steel.

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

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.)

STATION 576+83.14  
BUILT 20\_\_ BY  
STATE OF ILLINOIS  
F.A.J. RTE 55  
SEC. D6 LOGAN CO BR 2011-1  
LOADING HS 20-44 & ALT.  
STRUCTURE NO. 054-0057

**NAME PLATE  
NB STRUCTURE**  
See Std. 515001

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**NAME PLATE  
SB STRUCTURE**  
See Std. 515001

Existing name plate shall be cleaned and placed next to the new name plate. Cost included in "Name Plates".

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.		79.0	79.0
Removal of Existing Concrete Deck No. 1	Each	2		2
Structure Excavation	Cu. Yd.		348	348
Floor Drains	Each	8		8
Concrete Structures	Cu. Yd.		77.6	77.6
Concrete Superstructure	Cu. Yd.	764.3		764.3
Bridge Deck Grooving	Sq. Yd.	1,934		1,934
Protective Coat	Sq. Yd.	2,386		2,386
Furnishing and Erecting Structural Steel	Pound	4,230		4,230
Stud Shear Connectors	Each	9,108		9,108
Reinforcement Bars, Epoxy Coated	Pound	181,375	13,055	194,430
Bar Splicers	Each	1,370	168	1,538
Name Plates	Each	2		2
Elastomeric Bearing Assembly, Type I	Each	24		24
Anchor Bolts, 1"	Each	48		48
Geocomposite Wall Drain	Sq. Yd.		192	192
Jack and Remove Existing Bearings	Each	24		24
Granular Backfill for Structures	Cu. Yd.		204	204
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	Sq. Ft.		9	9
Temporary Sheet Piling	Sq. Ft.		961	961
Diamond Grinding (Bridge Section)	Sq. Yd.	1,826		1,826
Pipe Underdrains for Structures 4"	Foot		280	280
Slope Wall Repair	Sq. Yd.		179	179

REV. SHEET 6-3-13



JOB	2276.3	DESIGNED	AAN	REVISED	-
FILE	0540057_0058-02-GenData.dgn	CHECKED	ENV	REVISED	-
DATE	5/17/2013	DRAWN	SJS	REVISED	-
		CHECKED	AAN	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA  
STRUCTURE NO. 054-0057 (NB) & 054-0058 (SB)**

SHEET NO. 2 OF 31 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	201
			CONTRACT NO. 72E11	
ILLINOIS FED. AID PROJECT				