

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{3}{4}$ in. ϕ , holes $\frac{7}{8}$ in. ϕ , unless otherwise noted.

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. See Special Provisions.

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 $\frac{1}{4}$ 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.

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.

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

The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.

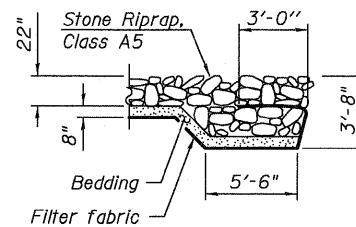
The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.

Slipforming of the parapets is not allowed.

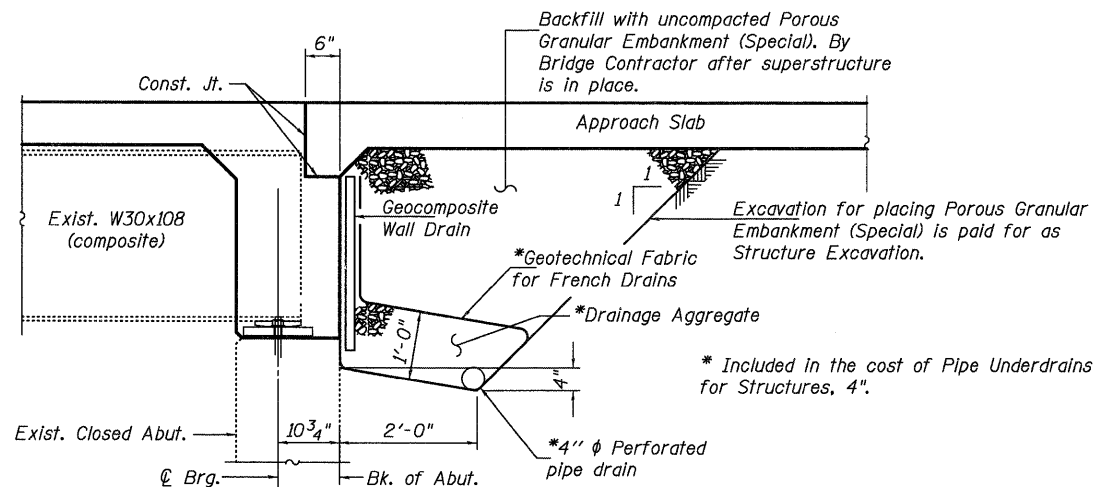
Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All existing steel shall be cleaned per Near White Blast Cleaning - SSPC-SP10. All existing steel shall be painted according to the requirements of Paint System 1 - OZ/E/U. 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 Interstate Green 7.5G 4/8.

Paint Contractor shall be SSPC-QP1 and SSPC-QP2 certified.

A minimum of two air monitors will be required to monitor abrasive blasting operations at the site. See Special Provisions for "Containment and Disposal of Lead Paint Cleaning Residues".



SECTION A-A



Note:
All drainage system components shall extend to within 1'-0" of each existing wingwall. An outlet pipe with elbow shall extend along existing wingwalls until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601.101).

SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. @ Rt. L's)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		38	38
Stone Riprap, Class A5	Sq. Yd.		378	378
Filter Fabric	Sq. Yd.		378	378
Removal of Existing Concrete Deck	Each	1		1
Protective Shield	Sq. Yd.	49		49
Structure Excavation	Cu. Yd.		38	38
Concrete Superstructure	Cu. Yd.	170.9		170.9
Concrete Structures	Cu. Yd.		25.9	25.9
Bridge Deck Grooving	Sq. Yd.	395.6		395.6
Protective Coat	Sq. Yd.	459.5		459.5
Furnishing and Erecting Structural Steel	Pound	2,100		2,100
Stud Shear Connectors	Each	819		819
Jacking Existing Superstructure	L. Sum	1		1
Reinforcement Bars, Epoxy Coated	Pound	38,450	4,600	43,050
Bar Splacers	Each	360	80	440
Name Plates	Each	1		1
Anchor Bolts, 1"	Each	28		28
Epoxy Crack Injection	Lin. Ft.		5	5
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.		204	204
Pipe Underdrains for Structures, 4"	Foot		186	186
Temporary Wall Bracing System	L. Sum		1	1
Cleaning and Painting Steel Bridge	L. Sum	1		1
Containment and Disposal of Lead Paint Cleaning Residues	L. Sum	1		1
Geocomposite Wall Drain	Sq. Yd.		25.0	25.0

GENERAL DATA
INTERSTATE 55 W. FRONTAGE ROAD
OVER I & M CANAL & STATE TRAIL
F.A.I. ROUTE 55 - SECTION 86B-3-R
WILL COUNTY
STRUCTURE NO. 099-0036
PUBLIC WATERS

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17 SHEETS	55	86B-3-R	WILL	38	15
S.N. 099-0036			CONTRACT NO. 60F53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

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Operator: dhaberling

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DESIGNED - SDS
CHECKED - CWC
DRAWN - DLH
CHECKED - SDS/CEH

WHKS & CO.
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