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GENERAL NOTES

Except as otherwise noted 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 Grade 50 = 628,720 lbs.

No field welding is permitted except as specified in the 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 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments and piers.

The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. 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 Reddish Brown, Munsell No. 2.5YR 3/4.

The concrete for bridge decks finished according to Article 503.16(a) of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The machine used for finishing shall be set parallel to the skew for striking off and screeding the concrete.

The Contractor shall retain the services of an engineering firm, pre qualified in the IDOT consultant selection category of Highway Bridges (Complex), for preparation of the Structural Assessment Report(s). Contractor's pre approval shall not be applicable for this project. See Special Provision.

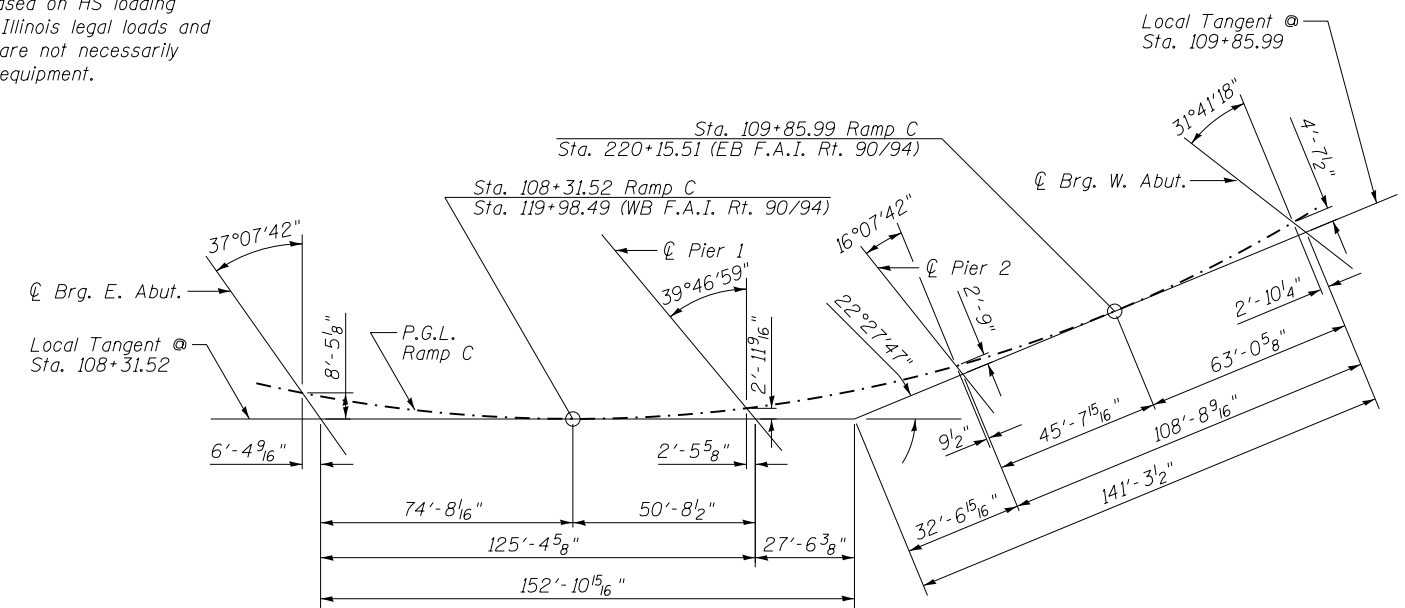
Current Ratings on File for Existing Structure
 Inventory: HS 9.5
 Operating: HS 15.8
 Live Load Restrictions: No

Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.

Slipforming of the parapet is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unusable Material for Structures	Cu. Yd.		298.2	298.2
Concrete Structures	Cu. Yd.		261.4	261.4
Concrete Superstructure	Cu. Yd.	591.3		591.3
Bridge Deck Grooving	Sq. Yd.	1,345		1,345
Protective Coat	Sq. Yd.	2,475		2,475
Furnishing and Erecting Structural Steel	L. Sum	0.81		0.81
Stud Shear Connectors	Each	9,903		9,903
Reinforcement Bars	Pound		50,870	50,870
Reinforcement Bars, Epoxy Coated	Pound	140,360	90,380	230,740
Bar Splicers	Each	1,069	310	1,379
Mechanical Splicers	Each	918	132	1,050
Name Plates	Each	1		1
Permanent Casing	Foot		1,109	1,109
Drilled Shaft in Soil	Cu. Yd.		218.4	218.4
Preformed Joint Strip Seal	Foot	104.0		104.0
Anchor Bolts, 1"	Each	112		112
Concrete Sealer	Sq. Ft.		2,020	2,020
Drainage Scuppers, DS-12	Each	1		1
Drainage System	L. Sum	0.5		0.5
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.		2,930	2,930
Temporary Mechanically Stabilized Earth Retaining Wall	Sq. Ft.		1,464	1,464
Aggregate Column Ground Improvement	L. Sum		0.23	0.23
Removal of Existing Structures, Special	L. Sum	1		1
High Load Multi-Rotational Bearings, Guided Expansion, 150 kips	Each	7		7
High Load Multi-Rotational Bearings, Guided Expansion, 250 kips	Each	14		14
High Load Multi-Rotational Bearings, Fixed, 400 kips	Each	7		7
Locate Tunnel	L. Sum		1	1
Bulkhead Tunnel	L. Sum		1	1



OFFSET SKETCH