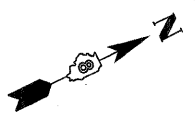


DECK POURING SEQUENCE

The concrete deck segments shall be poured in the numerical order shown above. The pour can start from either end of deck.

U.S. RT. 40 & CSX R.R.
 BUILT 20__ BY
 CITY of GREENVILLE
 BOND COUNTY
 SECTION 99-00036-00-BR
 ANDREWS DRIVE - STA. 117+73.00
 STRUCTURE NO. 003-6000 - LOADING HS20

NAME PLATE
 See Std. 515001



GENERAL NOTES

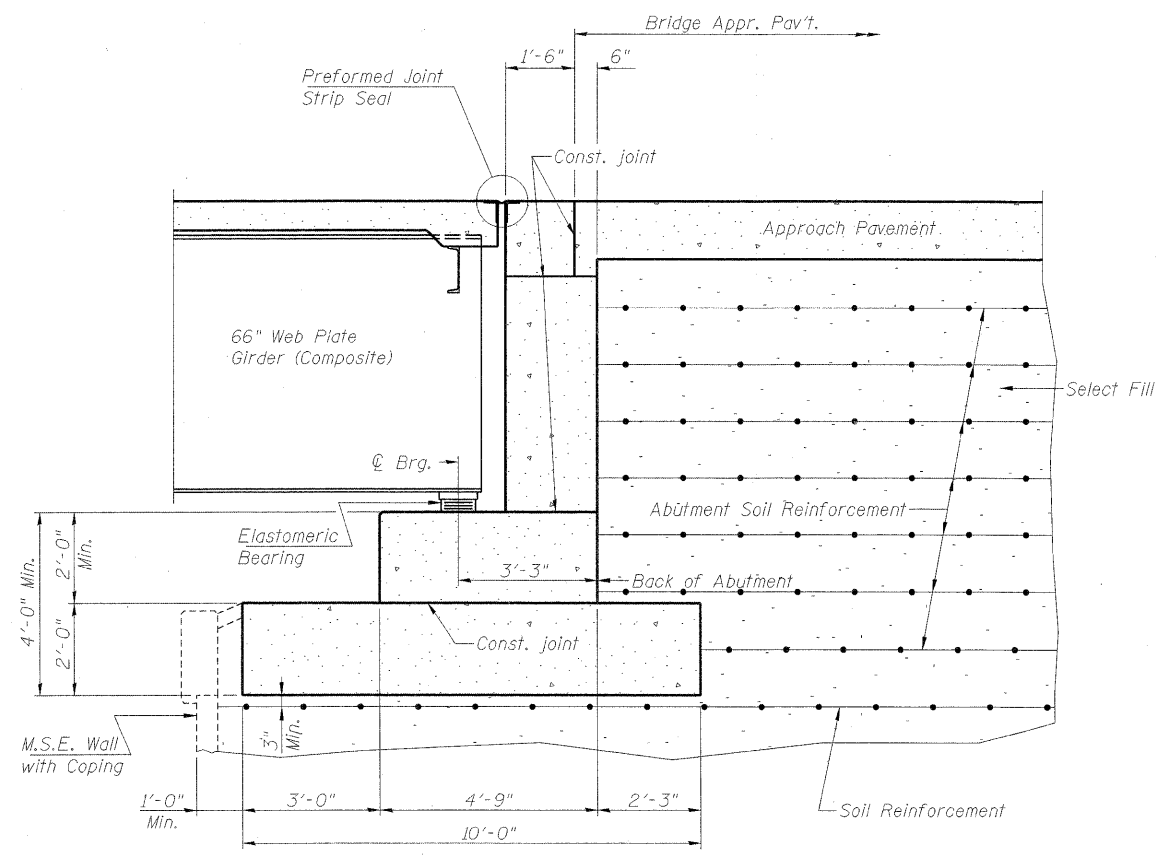
- Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8 in. ϕ , holes 15/16 in. ϕ , unless otherwise noted.
- Calculated weight of Structural Steel: AASHTO M 270 Grade 50 = 459,420 lbs. AASHTO M 270 Grade 36 = 24,360 lbs.
- No field welding is permitted except as specified in 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.
- Bearing seat surfaces shall be constructed or adjusted to their 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 backwalls, inside face and top of cheekwall, seats, step areas, front cap face, and top of footing of the abutments.
- 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 Reddish Brown, Munsell No. 2.5YR 3/4. See Special Provisions for "Cleaning and Painting New Metal Structures".
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
 - At least 72 hours shall have elapsed from the end of the previous pour.
 - The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
- Slipforming of the parapets is not allowed.
- The Contractor shall protect the relocated sanitary sewer during bridge pier construction. Wood planking or metal plates shall be laid across trenches where construction vehicles will be accessing the pier construction site. Any damage to the relocated sanitary sewer shall be repaired at no additional cost to the contract. This protection shall not be paid for separately but shall be considered as part of the pier construction.

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4. Top of Slab Elevations (Sheet 2)	20. North Abutment Details
5. Top of Slab Elevations (Sheet 3)	21. Pier
6. Top of South Approach Slab Elevations	22. Pier Details
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8. Superstructure	24. M.S.E. Wall Details (Sheet 1)
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14. Structural Steel Details (Sheet 1)	30. Borings (Sheet 3)
15. Structural Steel Details (Sheet 2)	
16. Bearing Details	

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A3	Tons	-	132	132
Filter Fabric	Sq. Yd.	-	264	264
Structure Excavation	Cu. Yd.	-	1116	1116
Concrete Structures	Cu. Yd.	-	259.9	259.9
Concrete Superstructure	Cu. Yd.	401.7	-	401.7
Bridge Deck Grooving	Sq. Yd.	1141	-	1141
Form Liner Textured Surface	Sq. Ft.	-	1040	1040
Protective Coat	Sq. Yd.	1512	-	1512
Furnishing and Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	2250	-	2250
Reinforcement Bars, Epoxy Coated	Pound	88370	31930	120300
Bar Splicers	Each	68	-	68
Bridge Fence Railing	Foot	340	-	340
Pipe Handrail	Foot	-	289	289
Furnishing Metal Shell Piles, 14"x0.312"	Foot	-	540	540
Driving Piles	Foot	-	540	540
Test Pile Metal Shells	Each	-	1	1
Name Plates	Each	1	-	1
Preformed Joint Strip Seal	Foot	71	-	71
Elastomeric Bearing Assembly, Type II	Each	10	-	10
Anchor Bolts, 1 1/2"	Each	30	-	30
Concrete Sealer	Sq. Ft.	-	1144	1144
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	-	7562	7562
Aggregate Column Ground Improvement	Cu. Yd.	-	2737	2737



SECTION THRU SPREAD FOOTING SUPPORTED STUB ABUTMENT

(Horiz. dim. \odot Rt. L's to Back of Abutment)

01/20/2009
 A:\04 Jobs\0452012\0400-Struct\Sheet\General Notes.dgn
 LAYOUT: MNA 03/07/08
 DRAWN: DAP 03/07/08
 REVIEWED: MNA 03/07/08

GENERAL NOTES
 ANDREWS DRIVE over
 U.S. ROUTE 40 : CSX RR and IL. WESTERN RR
 SEC. 99-00036-00-BR
 STR. NO. 003-6000
 CITY of GREENVILLE
 BOND COUNTY
 STATION 117+73.00
 PROFESSIONAL DESIGN FIRM LICENSE #184-001084
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JOB NO. 04S2012
 DATE 12/10/08