STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

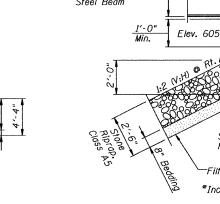
- 1. Fasteners shall be AASHTO MI64 Type 1, mechanically galvanized bolts in painted areas and M164 Type 3 in unpainted areas. Bolts are $\frac{7}{8}$ " diameter in $\frac{15}{16}$ " diameter holes unless otherwise noted.
- 2. Calculated weight of Structural Steel = 78,110 lbs.
- 3. All structural steel shall be AASHTO M 270 Grade 50W. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".
- 4. No field welding is permitted except as specified in the contract documents.
- 5. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60. See Special Provisions.
- 6. Reinforcement bars designated (E) shall be epoxy coated.
- 7. Bearing seat surfaces shall be constructed or adjusted to the designed elevations within a tolerance of 18 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- 8. Structural steel shall be only painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.
- 9. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- 10. The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure.
- 11. Slipforming of the Parapets is not allowed.

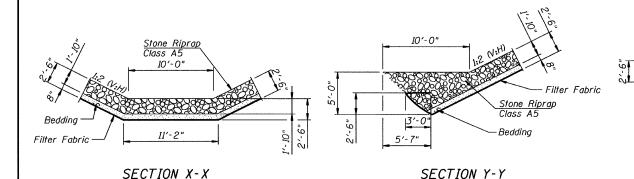
TOTAL BILL OF MATERIAL

11EM	UNII	SUPER	SUB	IOIAL
Porous Granular Embankment, Special	CU YD	-	133	133
Stone Riprap, Class A5	SQ YD	-	1,930	1,930
Filter Fabric	SQ YD	-	1,930	1,930
Removal of Existing Structures No. 1	EACH		-	1
Structure Excavation	CU YD	-	402	402
Concrete Structures	CU YD	24.1	162.1	186.2
Concrete Superstructure	CU YD	287.8	-	287.8
Bridge Deck Grooving	SQ YD	656	-	656
Concrete Encasement	CU YD	-	9.4	9.4
Protective Coat	SQ YD	845	-	8 4 5
Furnishing & Erecting Structural Steel	L. SUM	0.75	-	0.75
Stud Shear Connectors	EACH	2,508	-	2,508
Reinforcement Bars, Epoxy Coated	POUND	70,230	16,980	87,210
Bar Splicers	EACH	713	<i>11</i> 6	829
Furnishing Steel Piles HP12x63	F00T	-	1,410	1,410
Driving Piles	F00T	-	1,410	1,410
Test Pile Steel HP12x63	EACH	-	4	4
Pile Shoes	EACH	-	28	28
Temporary Sheet Piling	SQ FT	-	776	776
Name Plates	EACH	1	-	1
Anchor Bolts, 1"	EACH	48	-	48
Geocomposite Wall Drain	SQ YD	-	71	71
Pipe Underdrains for Structures 4"	F00T	-	152	152
Underwater Structure Excavation Protection - Location 1	EACH	-	1	1
Underwater Structure Excavation Protection - Location 2	EACH	_	1	1
Asbestos Bearing Pad Removal	EACH	28	-	28

INDEX OF SHEETS

- SAI. GENERAL PLAN & ELEVATION
- GENERAL DATA
- CONSTRUCTION STAGING & TEMPORARY SHEET PILING
- SA4. TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
- SA5. TOP OF DECK SLAB ELEVATIONS I
- SAG. TOP OF DECK SLAB ELEVATIONS II
- SA7. TOP OF SOUTH APPROACH SLAB ELEVATIONS
- SAB. TOP OF NORTH APPROACH SLAB ELEVATIONS
- SA9. DECK PLAN & CROSS SECTION
- SAIO. PARAPET & DECK DETAILS
- SAIL DIAPHRAGMS AT ABUTMENTS
- SA12. BRIDGE APPROACH SLAB
- SAI3. BRIDGE APPROACH SLAB DETAILS
- SA14. FRAMING PLAN & DIAPHRAGMS
- SAIS. BEAM ELEVATION & TABLES
- SA16. BEARINGS
- SAIT. ABUTMENTS
- SA18. PIERS
- SA19. HP PILES
- SA20. BAR SPLICER ASSEMBLY DETAILS SA21. CANTILEVER FORMING BRACKETS FOR SUPERSTRUCTURE
- SA22. BORING LOGS I
- SA23. BORING LOGS II
- SA24. ROCK CORE LOG
- SA25. BORING LOGS III



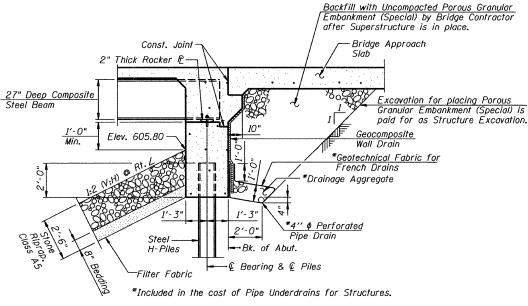


SECTION Z-Z

Stone Riprap

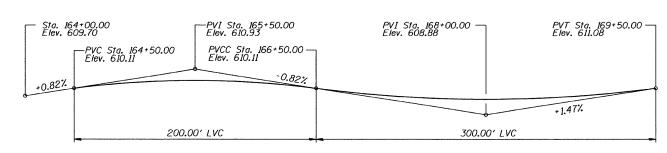
Beddina

Filter Fabric



SECTION THRU INTEGRAL ABUTMENT

(Horiz. Dimensions. ❷ Rt. L's to ② of Bearing)



PROFILE GRADE LINE: ILLINOIS RTE. 84 Along € Roadway

GR@EF 8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631 (773) 399-0112

GENERAL DATA Illinois Rte. 84 Over Apple River Tributary

STATION 165+50.00 STRUCTURE NO. 043-0078

TOTAL SHEET SHEETS NO. F.A.P. RTE. SECTION COUNTY SHEET NO. 308 104BR-1 JO DAVIESS 126 38 SA2 OF 25 SHEETS CONTRACT NO. 64B26 10-15-2010 ILLINOIS FED. AID PROJECT

DESIGNED J.J.G.

CHECKED J.A.Z.

CHECKED J.J.G.

RAWN

E.E.J.