

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	LETS	SHEET NO.
FAP 326	119BR	GRUNDY	68	22
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #66687

SHEET NO. 2
27 SHEETS

GENERAL NOTES

Fasteners shall be AASHTO M 164 Type 1, mechanically galvanized bolts in painted areas and M 164 Type 3 in unpainted areas. Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ , unless otherwise noted.

Calculated weight of structural steel: AASHTO M 270 Grade 50W = 201,270 pounds

All structural steel shall be AASHTO M 270 Grade 50W except expansion joints which shall be AASHTO M 270 Grade 50.

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 the designated elevations within a tolerance of $\frac{1}{8}$ " (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 existing steel bearings coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Structural steel shall only be painted for a distance of 7 ft. each way from the deck joints. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

All exposed structural steel of the bearings shall be cleaned and shop painted as specified in the Special Provisions for "Surface Preparation and Painting Requirements for Weathering Steel".

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

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.

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 concrete.

Hard driving may be encountered during the sheet piling installation. The Contractor shall provide the appropriate driving equipment for the soil condition indicated on the boring logs.

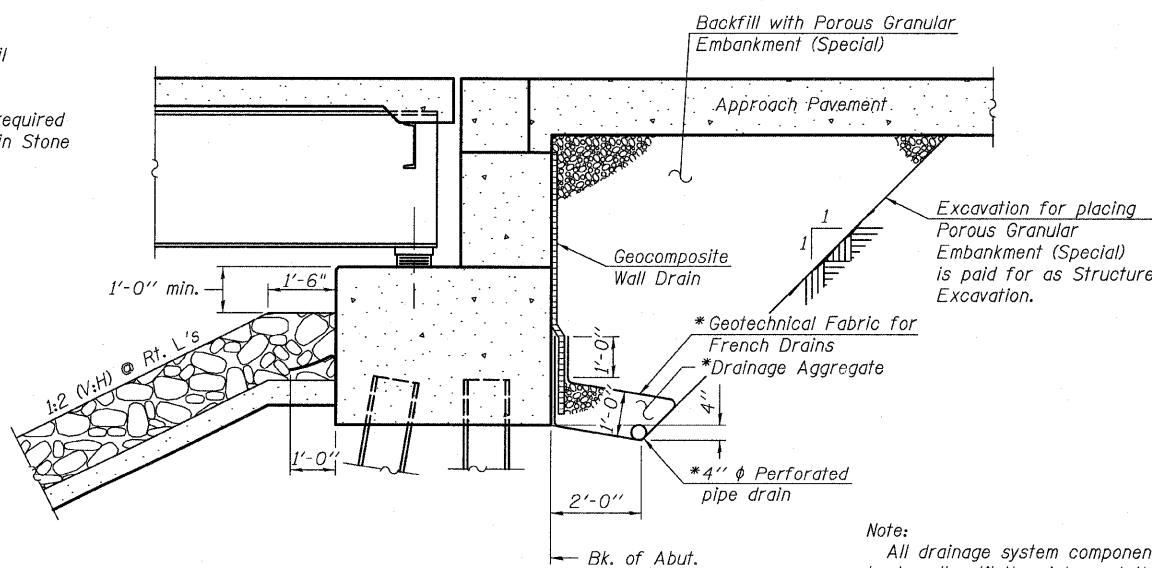
Gabion baskets exist within the stream flowline. Partial removal may be required to facilitate pier and riprap anchor construction. Cost shall be included in Stone Riprap, Class A4.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.	-	127	127
Stone Riprap, Class A4	Sq. Yd.	-	1,597	1,597
Filter Fabric	Sq. Yd.	-	1,597	1,597
Removal of Existing Structures	Each	1	-	1
Structure Excavation	Cu. Yd.	-	332	332
Floor Drains	Each	18	-	18
Concrete Structures	Cu. Yd.	-	2,39.9	2,39.9
Concrete Superstructure	Cu. Yd.	270.2	-	270.2
Bridge Deck Grooving	Sq. Yd.	770	-	770
Concrete Encasement	Cu. Yd.	-	10.4	10.4
Protective Coat	Sq. Yd.	1,002	-	1,002
Furnishing and Erecting Structural Steel	L Sum	1	-	1
Stud Shear Connectors	Each	3,762	-	3,762
Reinforcement Bars	Pound	-	11,530	11,530
Reinforcement Bars, Epoxy Coated	Pound	58,080	20,330	78,410
Bar Splacers	Each	551	206	757
Furnishing Steel Piles HP12X53	Foot	-	907	907
Driving Piles	Foot	-	907	907
Test Pile Steel HP12X53	Each	-	3	3
Pile Shoes	Each	-	30	30
Temporary Sheet Piling	Sq. Ft.	-	1,790	1,790
Name Plates	Each	1	-	1
Permanent Casing	Foot	-	57	57
Drilled Shaft in Soil	Cu. Yd.	-	42.0	42.0
Preformed Joint Strip Seal	Foot	106.0	-	106.0
Elastomeric Bearing Assembly, Type I	Each	18	-	18
Anchor Bolts, $\frac{1}{4}$ "	Each	24	-	24
Anchor Bolts, $\frac{1}{2}$ "	Each	24	-	24
Concrete Sealer	Sq. Ft.	-	2,318	2,318
Geocomposite Wall Drain	Sq. Yd.	-	74	74
Pipe Underdrains for Structures 4"	Foot	-	166	166
Drainage Scuppers, DS-11	Each	4	-	4
Underwater Structure Excavation Protection, Location 1	Each	-	1	1
Underwater Structure Excavation Protection, Location 2	Each	-	1	1

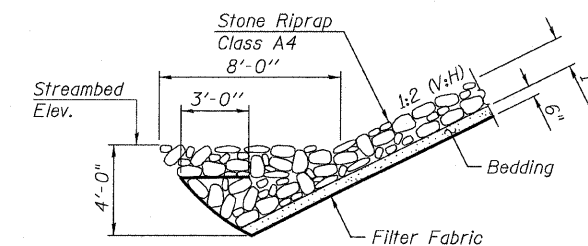
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**SECTION THRU PILE SUPPORTED
STUB ABUTMENT**
(Horiz. dim. @ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures 4".



SECTION A-A

GENERAL DATA
IL 47 OVER JOHNNY RUN
FAP ROUTE 326 - SECTION 119BR
GRUNDY COUNTY
STATION 582+65.75
STRUCTURE NO. 032-0112

DESIGNED	MJP
CHECKED	DGL
DRAWN	MJP
CHECKED	DGL



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