

GENEAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. 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.
4. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
5. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach slab.
6. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
7. Work in the waterway shall be timed to take place during low flow conditions.
8. Work may not be performed in the water except for the placement of the materials necessary for de-watering.

SUGGESTED SEQUENCE OF CONSTRUCTION

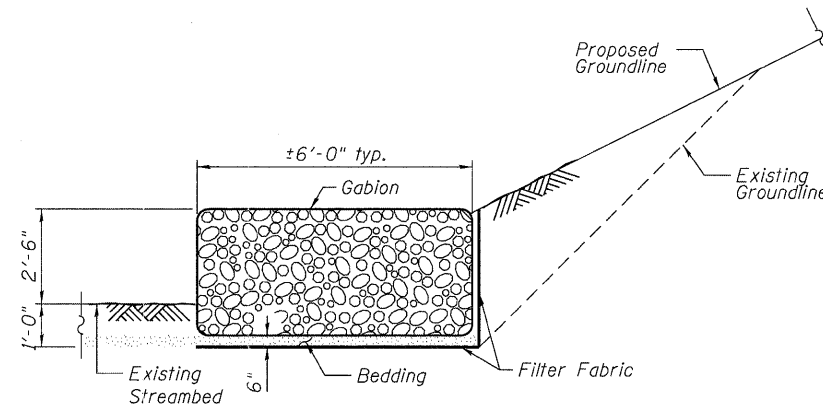
1. Install Temporary Soil Retention System at both abutments.
2. Excavate behind existing abutment to elevation for Stage I proposed abutment placement.
3. Install Stage I drilled shafts at both abutments.
4. Stage I partial removal of abutments. (See Sheet S-14)
5. Form and pour abutments and tie walls between existing and proposed abutments.
6. Stage I Removal of deck.
7. Place riprap between existing and proposed abutments and proposed drainage.
8. Form and pour deck and approach slab.
9. Repeat, steps 2 - 8 for stage II.

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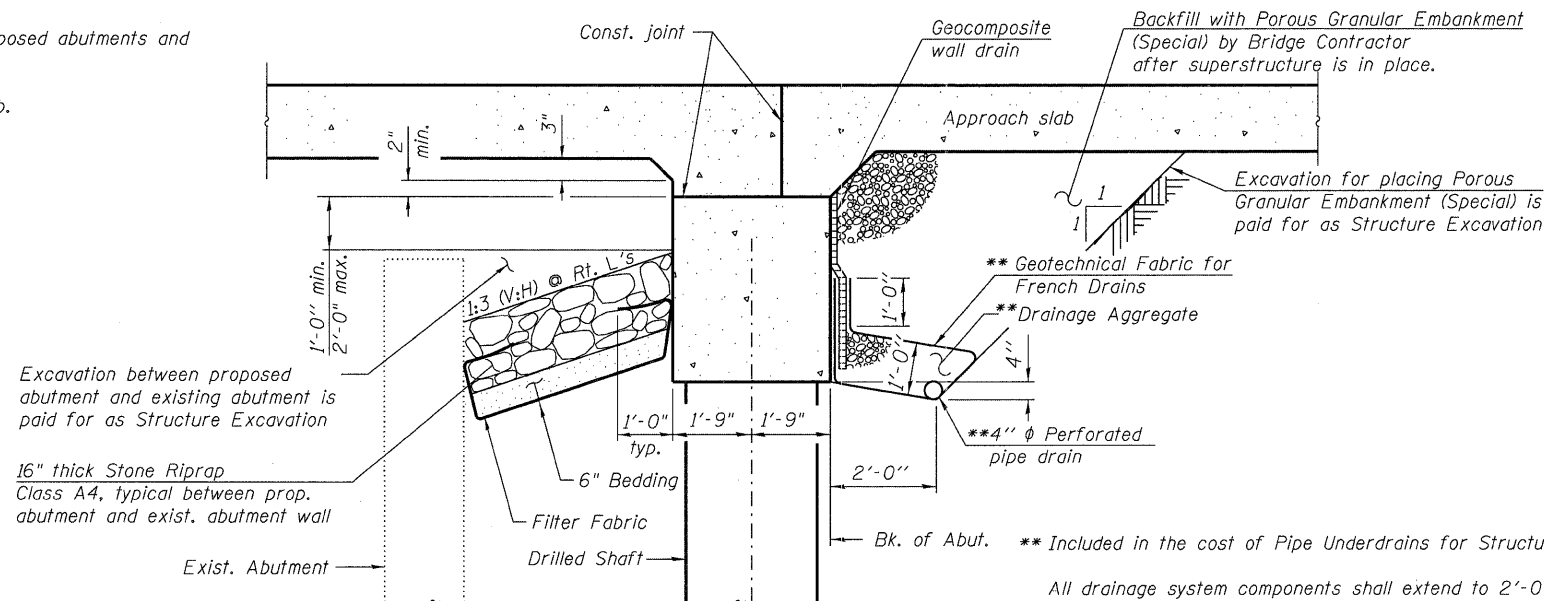
STATION 36+54
 BUILT 20__ BY
 STATE OF ILLINOIS
 F.A.U. RT. 2742 SEC. 3222-W-BR
 LOADING HS20-44
 STR. NO. 016-2818

NAME PLATE
 See Std. 515001



SECTION A-A

See sheet S-1 for section location
 Bedding and Filter Fabric included with cost of Gabions



SECTION THRU ABUTMENT

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

All drainage system components shall extend to 2'-0" from the end of each abutment. The pipes shall be sloped toward the center of the bridge and be outletted thru the existing abutment into the creek. Cost for coring through abutment included in the Cost of Pipe Underdrains for Structures.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUB	SUPER	TOTAL
Stone Riprap, Class A4	Sq Yd	289		289
Filter Fabric	Sq Yd	289		289
Gabions	Cu Yd	16		16
Removal Of Existing Superstructures	Each		1	1
Concrete Removal	Cu Yd	3.0		3.0
Structure Excavation	Cu Yd	246		246
Concrete Structures	Cu Yd	87.0		87.0
Rubbed Finish	Sq Ft		917	917
Concrete Superstructure	Cu Yd		347.5	347.5
Bridge Deck Grooving	Sq Yd		423	423
Protective Coat	Sq Yd		695	695
Reinforcement Bars	Pound	10,040		10,040
Reinforcement Bars, Epoxy Coated	Pound	13,830	83,950	97,780
Bar Splicers	Each	102	192	294
Name Plates	Each		1	1
Drilled Shaft In Soil	Cu Yd	56.6		56.6
Geocomposite Wall Drain	Sq Yd	44		44
* Concrete Bridge Rail, Sidewalk Mounted	Foot		121	121
* Porous Granular Embankment, Special	Cu Yd	86		86
* Pipe Underdrains For Structures 4"	Foot	136		136
* Temporary Soil Retention System	Sq Ft	152		152

* Special Provision

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