

### GENERAL NOTES

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.

The Contractor shall drive two 12" diameter metal shell piles in permanent locations, one at the West Abutment and one at Pier 1, as directed by the Engineer before ordering the remainder of the piles.

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

Bridge Seat Sealer shall be applied to the seat area of the abutments.

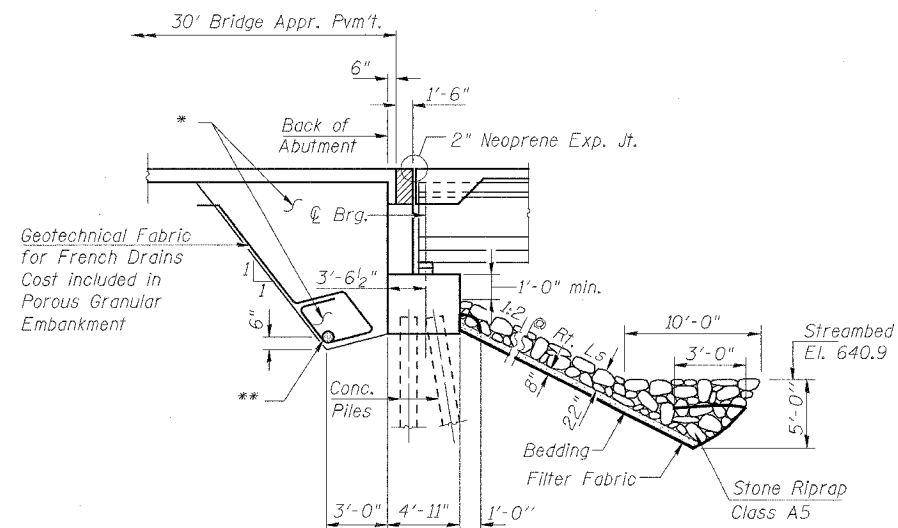
All construction joints shall be bonded.

The concrete for bridge floors finished according to Article 503.17 of the Standard Specifications shall be placed and compacted parallel to the skew in uniform increments along centerline of the bridge. The finishing machine, when required, shall be set parallel to the skew for striking off and screeding the concrete.

### TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures No. 1	Each			1
Structure Excavation	Cu. Yd.		682	682
Concrete Superstructure	Cu. Yd.	311.3		311.3
Protective Coat	Sq. Yd.	1071		1071
Concrete Structures	Cu. Yd.		301.9	301.9
Reinforcement Bars, Epoxy Coated	Lb.	58,410	25,050	83,460
Furnishing Metal Pile Shells 12"	Ft.		3079	3079
Driving and Filling Shells	Ft.		3079	3079
Test Piles Metal Shell	Each		2	2
Name Plates	Each	1		1
Porous Granular Embankment	Cu. Yd.		227	227
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 42"	Ft.	1325		1325
Bridge Deck Grooving	Sq. Yd.	728		728
Bar Splicers	Each	982	236	1218
Neoprene Expansion Joint 2"	Ft.	121		121
Stone Riprap Class A5	Sq. Yd.		1683	1683
Filter Fabric	Sq. Yd.		1683	1683
Temporary Sheet Piling	Sq. Ft.		1638	1638
Elastomeric Bearing Assembly, Type I	Each	14		14
Bicycle Railing	Ft.	192		192
Bridge Seat Sealer	Sq. Ft.		364	364
Underwater Structure Excavation Protection Location 1	Each		1	1
Underwater Structure Excavation Protection Location 2	Each		1	1
Floor Drains	Each	22		22

\*\*\*Includes sidewalk and back face of north parapet.



### SECTION THRU ABUTMENT

(Showing riprap and drain details)  
Dimensions at Rt. Ls.

\* Backfill between wingwalls with uncompacted porous granular embankment with a gradation of CA-5 or CA-7 by Bridge Contractor after superstructure is in place. Excavation for placing Porous Granular Embankment is paid for as Structure Excavation.

\*\* A 6"  $\phi$  perforated drain pipe shall be situated at the bottom of an approximate 2'x2' area of porous granular embankment. The 2'x2' area shall be wrapped completely in geotechnical fabric for french drains. Extend pipe parallel with the cap until intersecting with the sideslope. Pipes shall drain onto concrete headwalls (Article 601.05 of the Std. Specifications and Highway Standard 601101). Included in the cost of Porous Granular Embankment.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE	
GENERAL NOTES & TOTAL BILL OF MATERIAL	
PROJECT	PROJECT NO.
US RTE 136 OVER BLUEGRASS CREEK	01054
FAP ROUTE 711 SECTION 115(BY)BR	SCALE 1:100
VERMILION COUNTY	DATE 05/18/04
STATION 236+24.70	DRAWN BY TFC
STRUCTURE NUMBER 092-0200	CHECKED BY KFS/CME/MCB
DRAWING NO.	
2	
COOMBE-BLOXDORF P.C.	
Engineers/Land Surveyors	
Springfield, Illinois	
Design Firm License No. 184-002703	
DF 28 SHTS	