

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts in painted areas and M164 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 = 117,380 lbs.

All structural steel shall be AASHTO M 270 Grade 50W.

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 $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Those areas shall be primed in the shop with a Department approved zinc rich primer. No field painting shall be required. All structural steel shall be cleaned as specified in the Special Provision for "Surface Preparation and Painting Requirements for Weathering Steel".

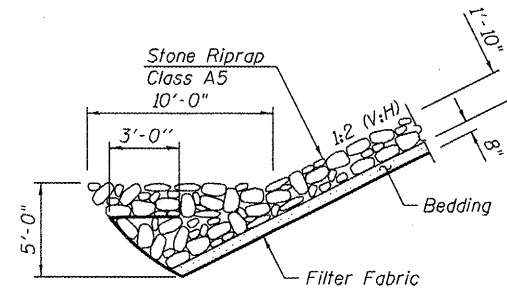
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The 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.

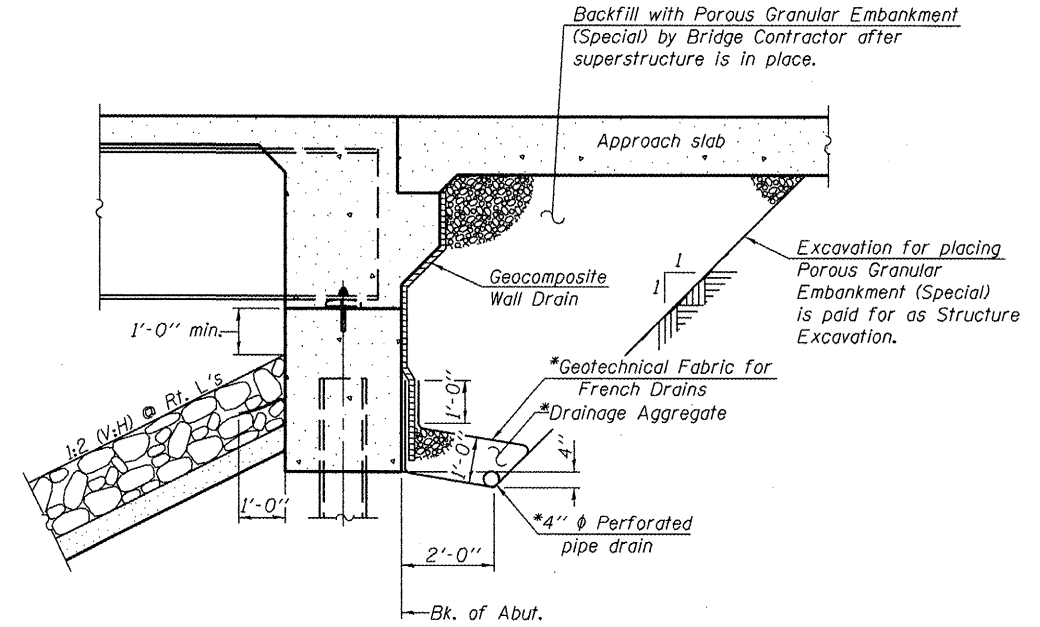
Slipforming of the parapets is not allowed.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION B-B

See Sheet 1 for Section Cut



SECTION THRU INTEGRAL ABUTMENT

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

*Included in the cost of Pipe Underdrains for Structures.

Note:

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110).

STATION 262+40.00
BUILT 20 BY
STATE OF ILLINOIS
F.A.S. RTE. 2370 SEC. 29BR-1
LOADING HL-93
STRUCTURE NO. 102-0068

NAME PLATE
See Std. 515001

DESIGNED	CTW
CHECKED	CDL
DRAWN	DP
CHECKED	CTW

GENERAL DATA
STRUCTURE NO. 102-0068

SHEET NO. 2		EFK Moen, LLC Civil Engineering Design		331 Salem Place Suite 225 Fairview Heights, IL 62208		Phone 618-206-4250 Fax 618-206-4253	
		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
26 SHEETS		2370	29BR-1	WOODFORD	76	24	
		CONTRACT NO. 68466					
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			