

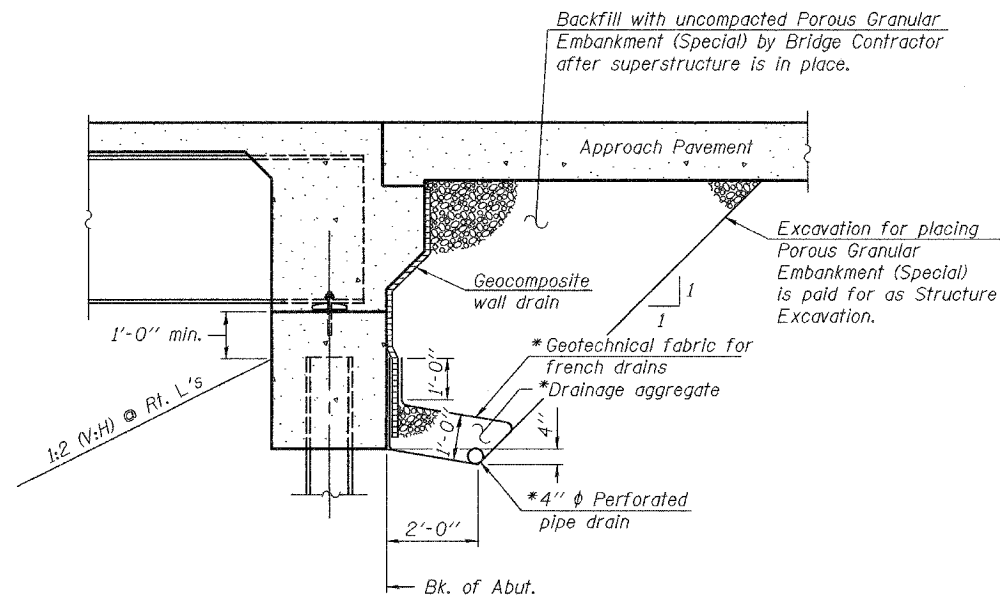
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1848	28-4BR	ST. CLAIR	101	69
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #76394

SHEET NO. 2

22 SHEETS

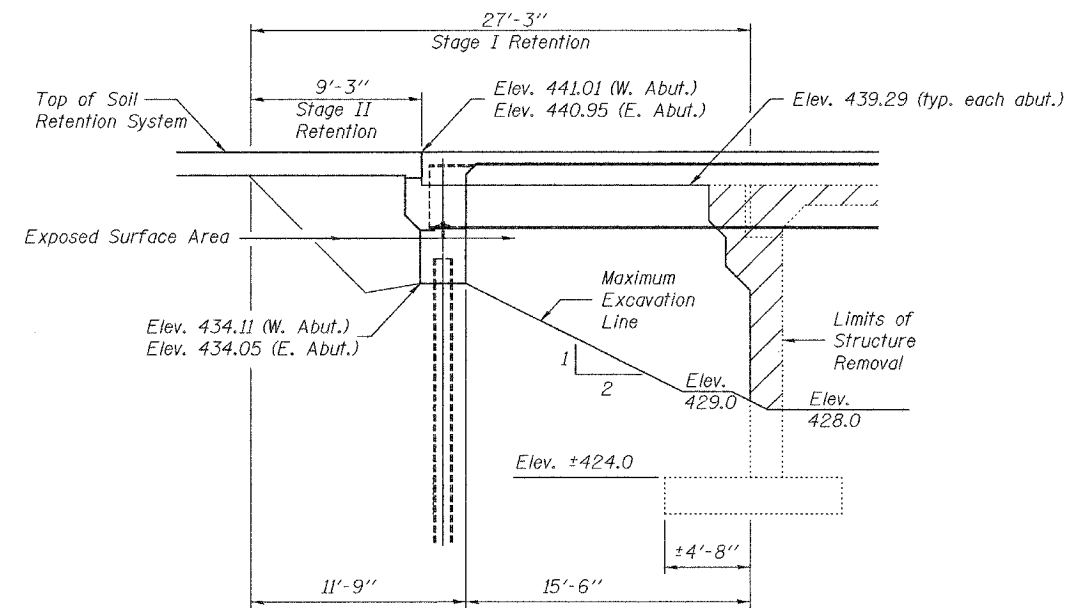


SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

* 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 601101).



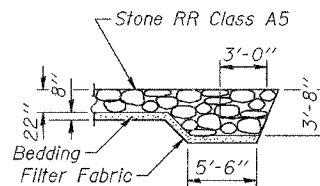
TEMPORARY SOIL RETENTION SYSTEM FOR STAGE CONSTRUCTION

(W. Abutment shown, E. Abutment similar except rotated 180°)

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

STATION 356+18.50
BUILT 200 BY
STATE OF ILLINOIS
F.A.U. ROUTE 9251 - SECTION 28-4BR
LOADING HL-93
STR. NO. 082-0272

NAME PLATE
See Sid. 515001



**SEC. A-A
FLANK STONE RIPRAP DETAIL**

Note: The flank detail shall be used along both the upstream and downstream ends of the riprap treatment.

DESIGNED	M.D. Cima
CHECKED	R.J.C.
DRAWN	W.D. Collins
CHECKED	M.D.C. R.J.C.

March 17, 2006
EXAMINED *Thomas J. Domagalaki*
ENGINEER OF BRIDGE DESIGN
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL DETAILS
F.A.S. ROUTE 1848 - SECTION 28-4BR
ST. CLAIR COUNTY
STATION 356+18.50
STRUCTURE NO. 082-0272