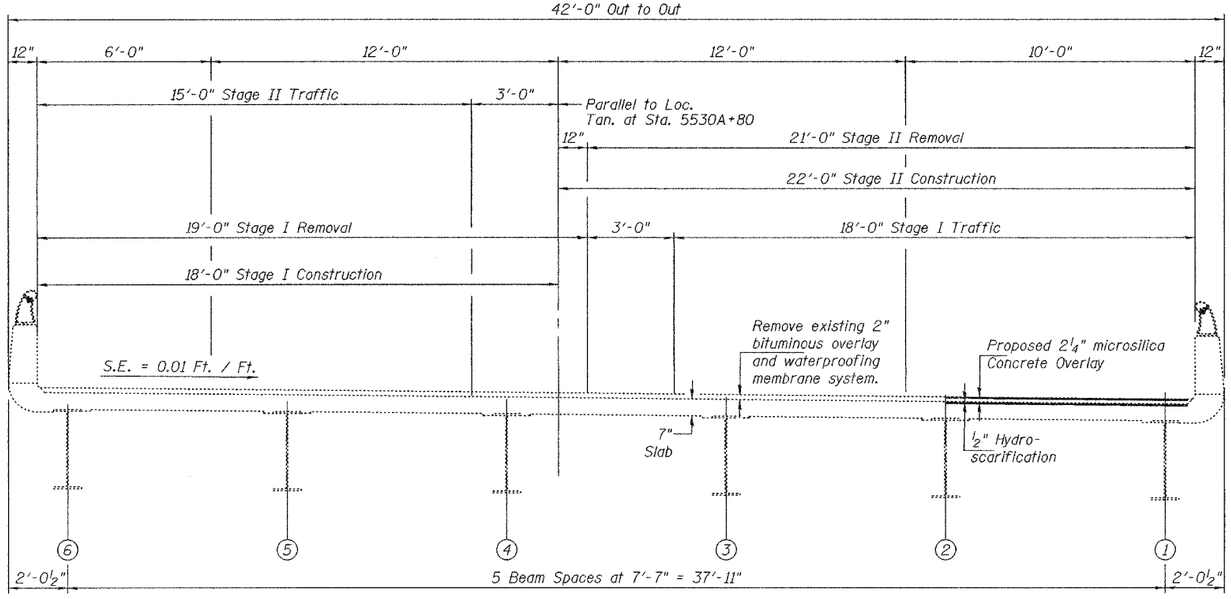
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		Effingham	17	8
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 2
11 SHEETS

Contract Number: 74119



CONSTRUCTION STAGING

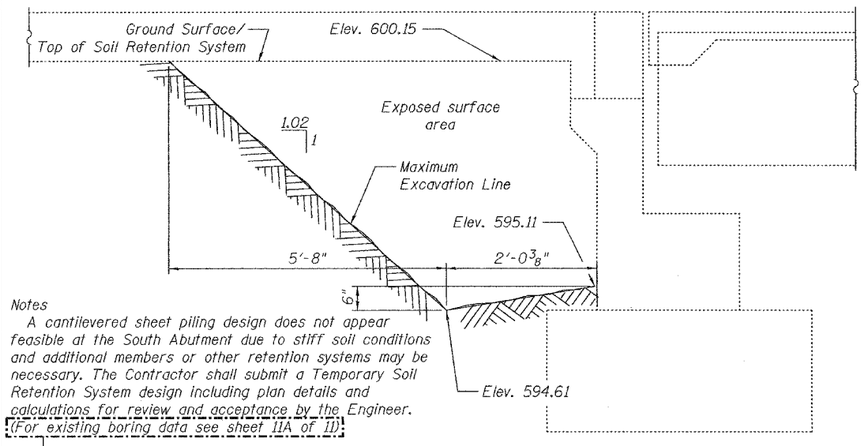
(Looking South)

Notes:

Minimum Section Modulus = 3.3 in.^{3}/ft.

The Contractor shall connect the first sheet to the existing North abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.

If the Contractor chooses to alter the temporary cantilivered sheet piling design requirements shown on the plans for the North Abutment, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.



Notes

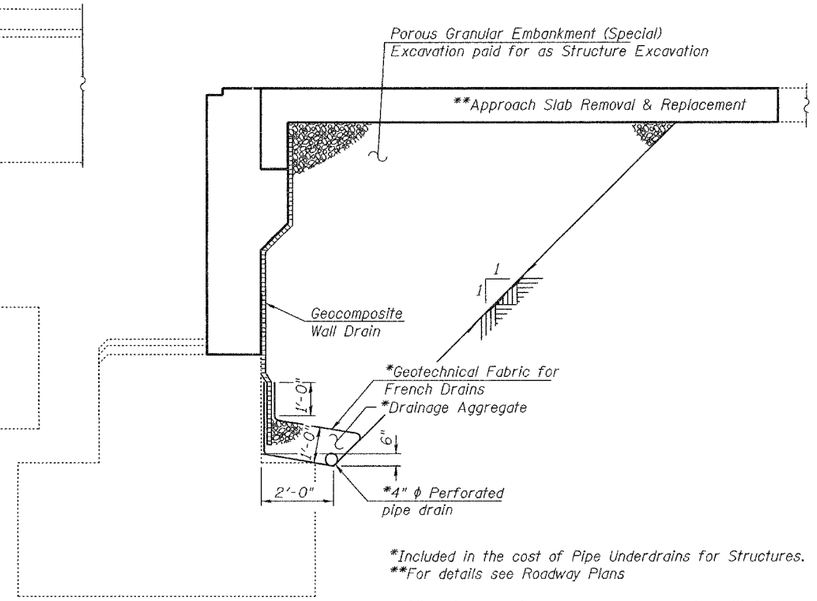
A cantilevered sheet piling design does not appear feasible at the South Abutment due to stiff soil conditions and additional members or other retention systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations for review and acceptance by the Engineer.

(For existing boring data see sheet 11A of 11)

1

TEMPORARY SOIL RETENTION SYSTEM AT SOUTH ABUTMENT

Slopes and distances shown along sheeting alignment

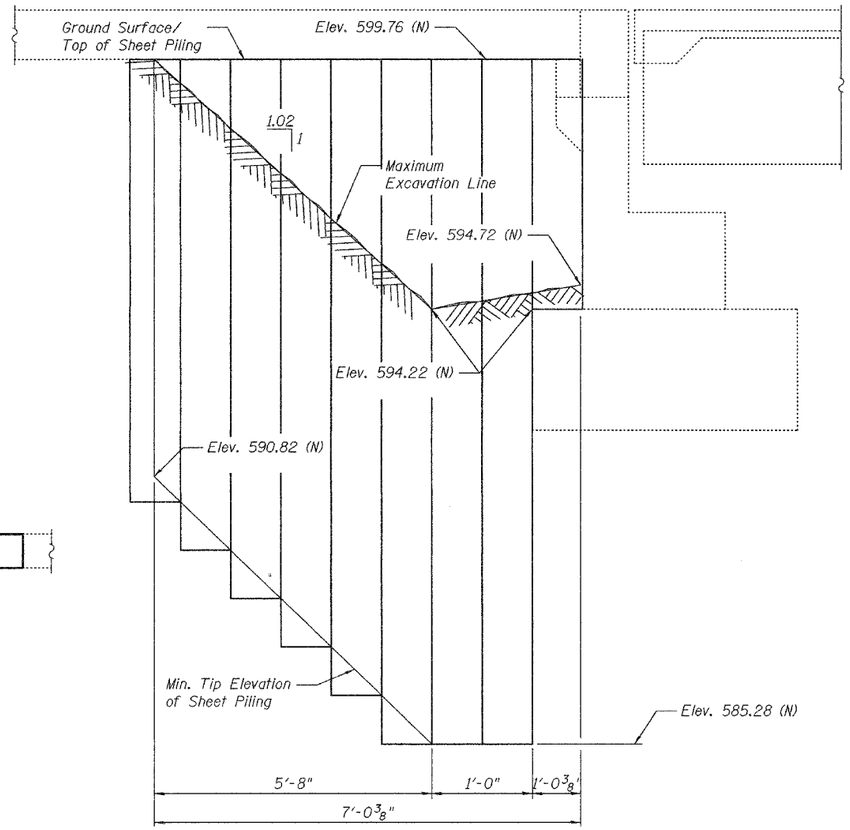


SECTION THRU ABUTMENT

Dimensions are at Right Angles

**Included in the cost of Pipe Underdrains for Structures.*
***For details see Roadway Plans*

All drainage system components shall extend 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 Srticle 601.05 of the Standard Specifications and Highway Standard 601101). Bore holes through wingwalls as required and seal gap around pipe. Cost included with Pipe Underdrains for Structures.



TEMPORARY SHEET PILING AT NORTH ABUTMENT

Slopes and dimensions shown along sheeting alignment.

DESIGNED	A.T.H.
CHECKED	S.J.B.
DRAWN	Drew Christopher
CHECKED	A.T.H. S.J.B.

March 6, 2006

EXAMINED John A. Mouris
ENGINEER OF STRUCTURAL SERVICES

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STAGING DETAILS
F.A.I. RT. 57 SOUTH BOUND
OVER GREEN CREEK
EFFINGHAM COUNTY
SN 025-0004

1 Revised Sheet V.H.V. M.A.C. 04/06/2006

\version B archive\0206004.dgn 4/10/2006 9:40:20 AM