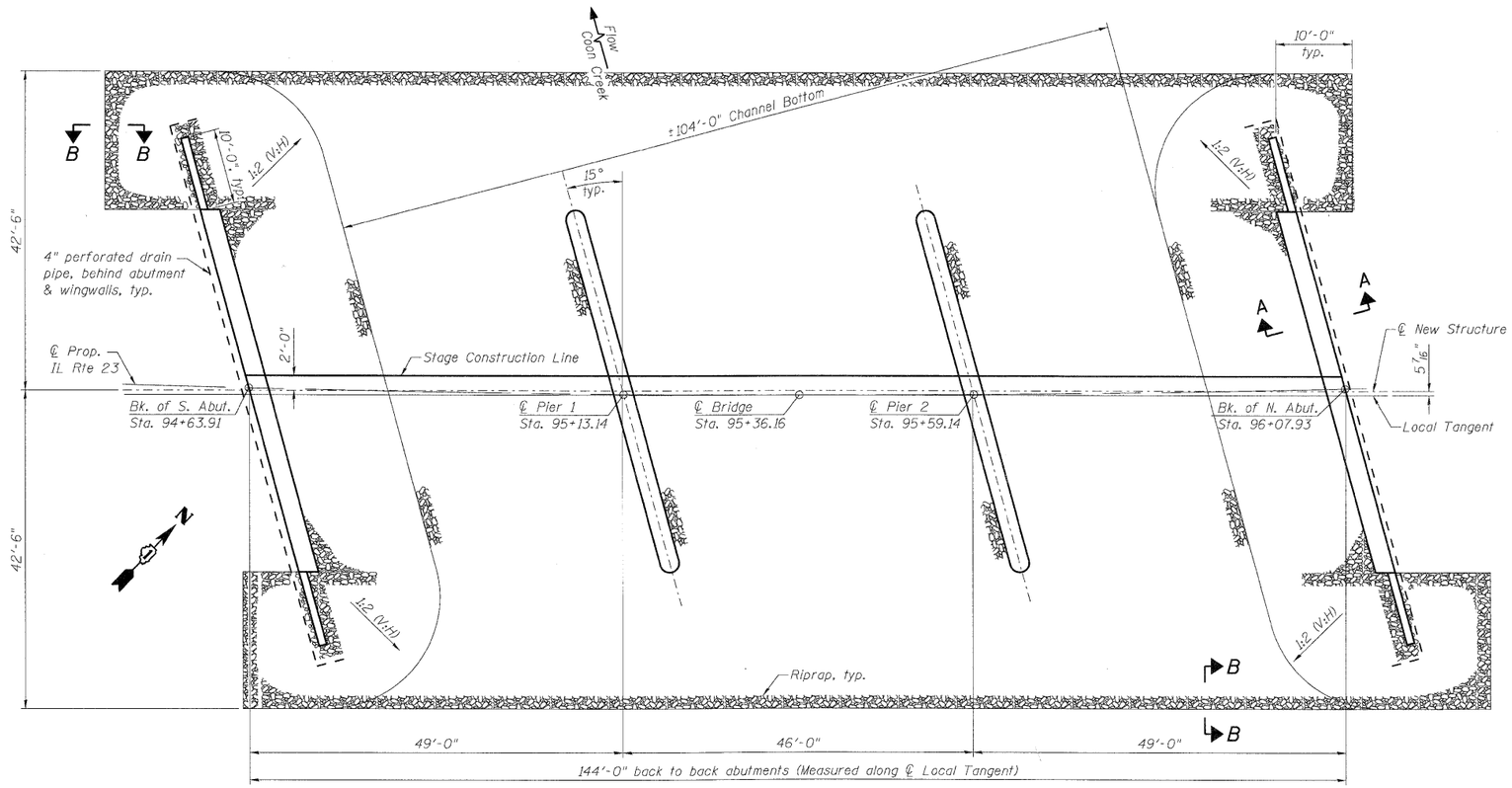
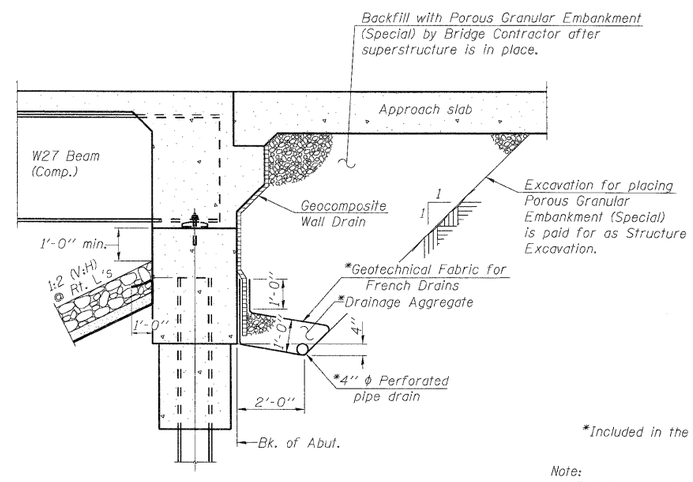


PLAN

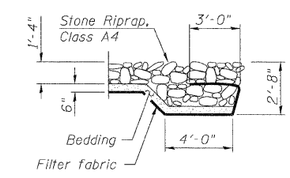
BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A4	Sq. Yd.	1414
Filter Fabric	Sq. Yd.	1414



SECTION A-A

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



SECTION B-B

*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).

DESIGNED - SLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUBSTRUCTURE LAYOUT AND SLOPE PROTECTION STRUCTURE NO. 056-0277
CHECKED - MJM	REVISED -		
DRAWN - SLV	REVISED -		
CHECKED - DJB	REVISED -		SHEET NO. 3 OF 26 SHEETS

HNTB INC.
CONSULTING ENGINEERS
1560 WALL ST, SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24B-2	McHENRY	76	31
	D-91-178-09	CONTRACT NO. 60F64		
	ILLINOIS FED. AID PROJECT			