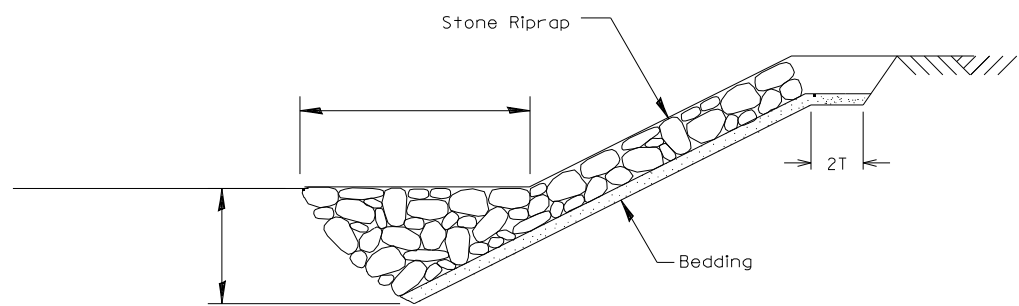
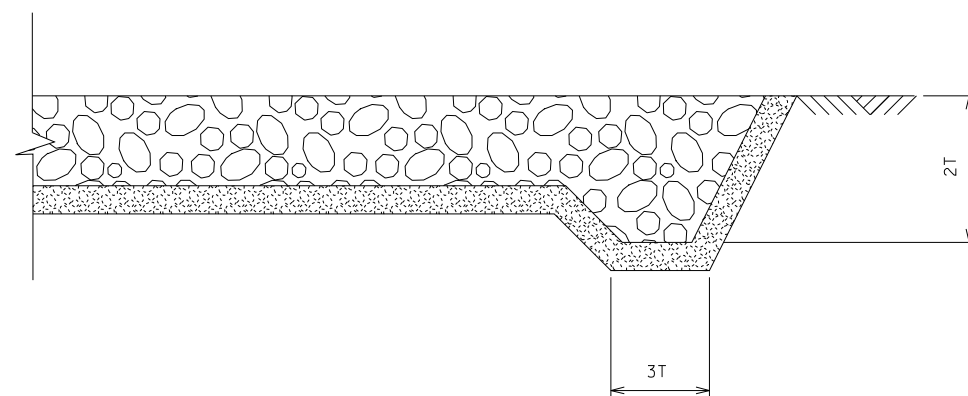


PLAN VIEW

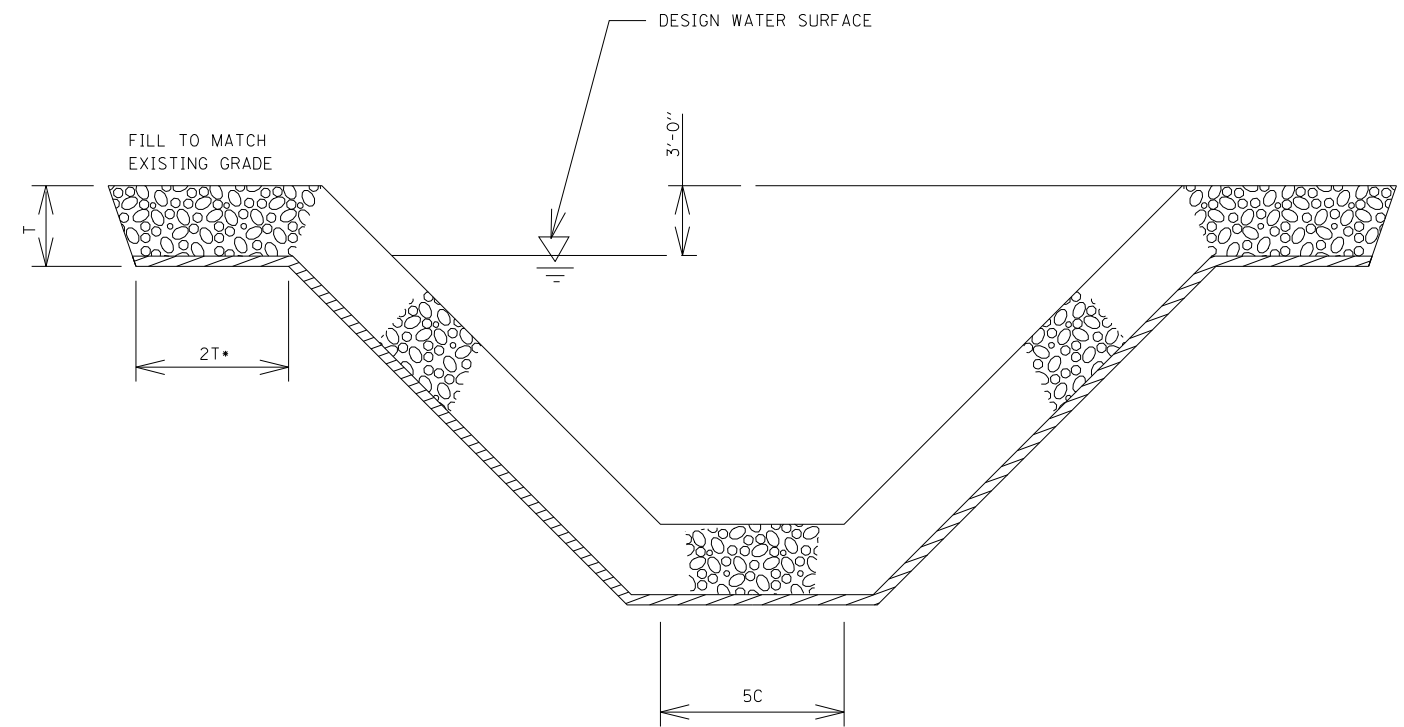


SECTION A-A



SECTION B-B

TOE AND FLANK RIPRAP DETAILS



TYPICAL CROSS SECTION OF CHANNEL

FILE NAME = drainst.dgn	USER NAME = rjo	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 10/19/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOE AND FLANK  
RIP RAP DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	111
CONTRACT NO. 76884				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				