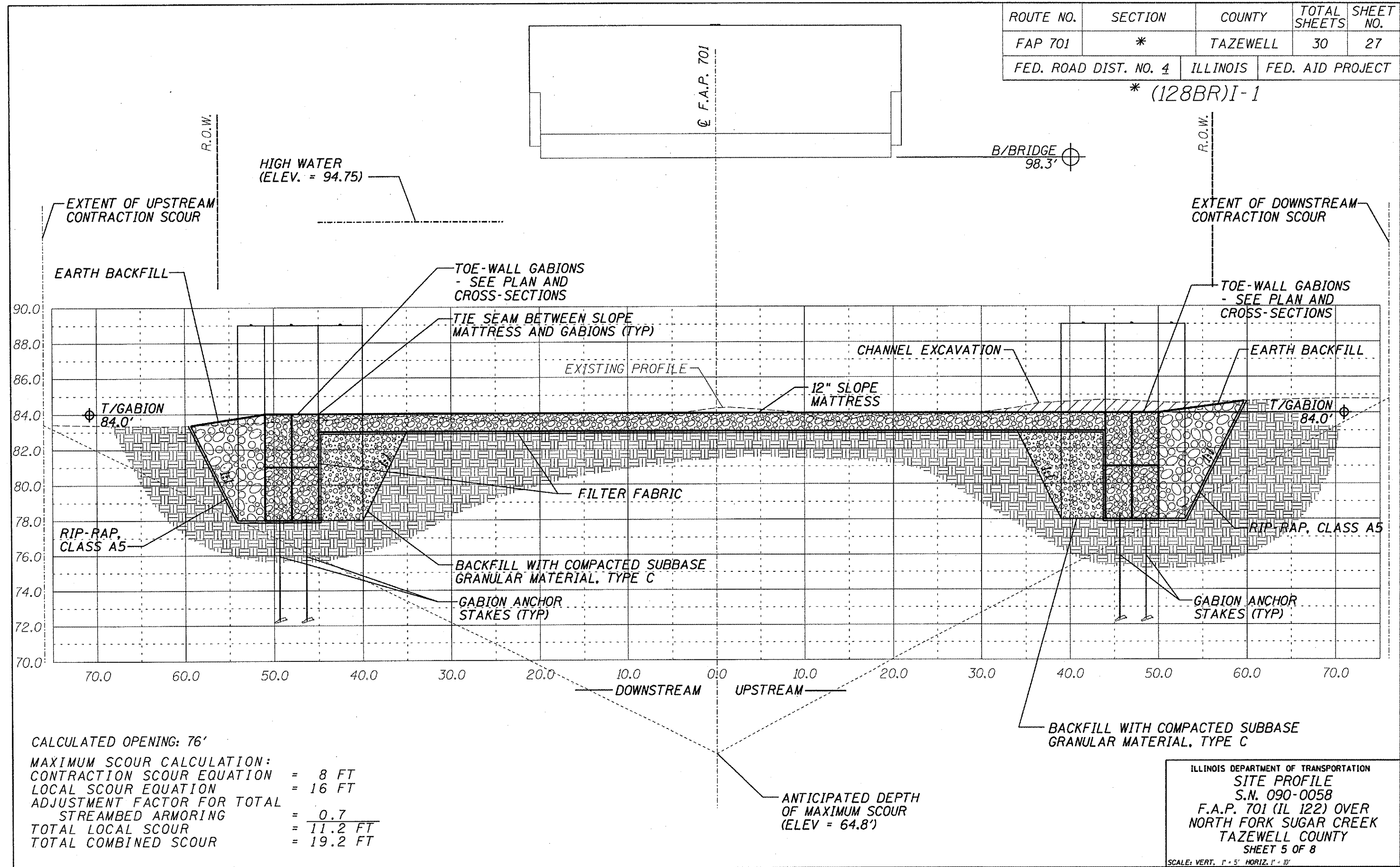


68484

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 701	*	TAZEWELL	30	27
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

\* (128BR)I-1



CALCULATED OPENING: 76'  
 MAXIMUM SCOUR CALCULATION:  
 CONTRACTION SCOUR EQUATION = 8 FT  
 LOCAL SCOUR EQUATION = 16 FT  
 ADJUSTMENT FACTOR FOR TOTAL STREAMBED ARMORING = 0.7  
 TOTAL LOCAL SCOUR = 11.2 FT  
 TOTAL COMBINED SCOUR = 19.2 FT

ANTICIPATED DEPTH OF MAXIMUM SCOUR (ELEV = 64.8')

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SITE PROFILE  
 S.N. 090-0058  
 F.A.P. 701 (IL 122) OVER  
 NORTH FORK SUGAR CREEK  
 TAZEWELL COUNTY  
 SHEET 5 OF 8  
 SCALE: VERT. 1" = 5' HORIZ. 1" = 10'

