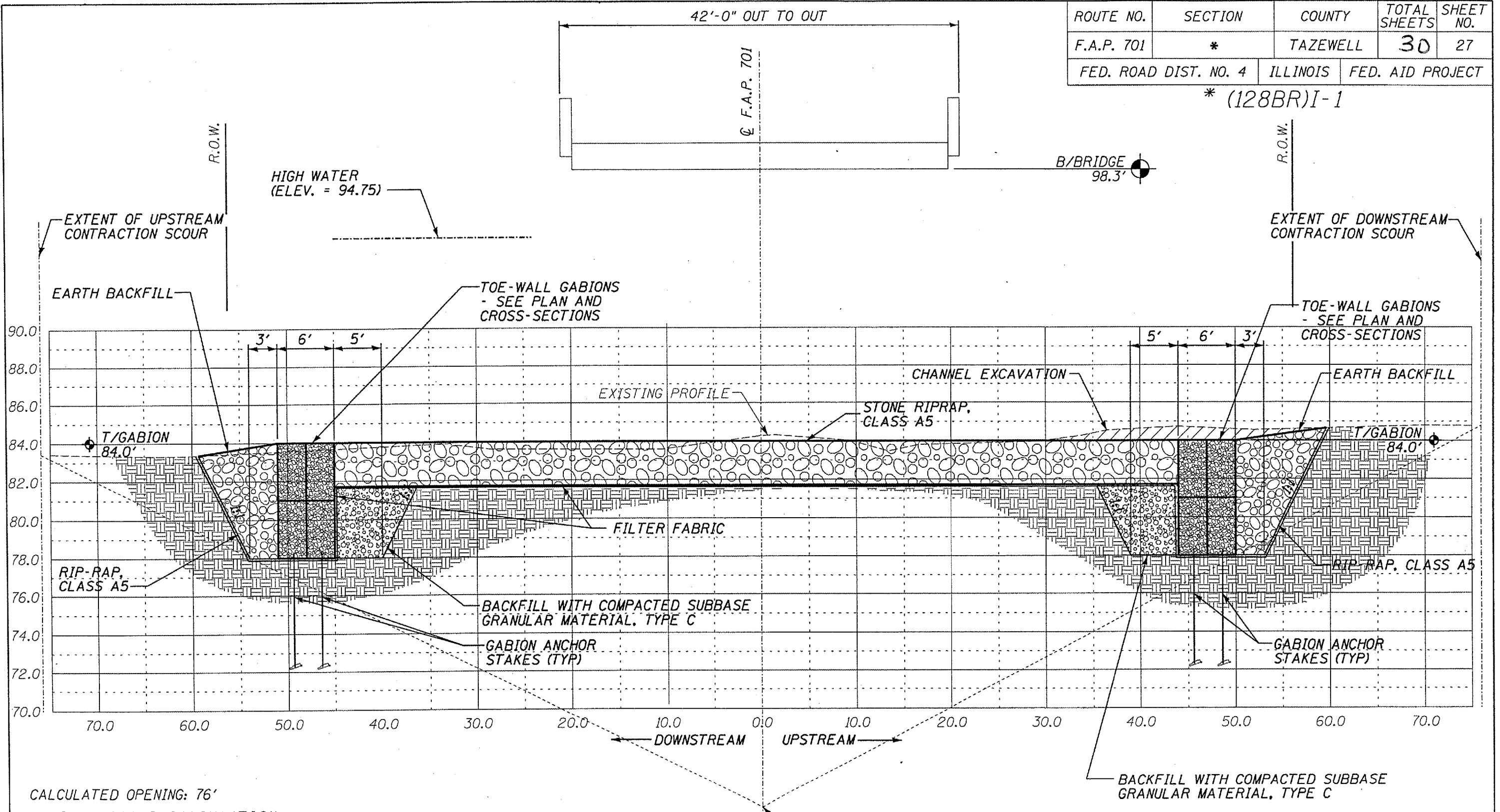


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 701	*	TAZEWELL	30	27
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

* (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')

REVISED
 7-21-06
 SHEET

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'