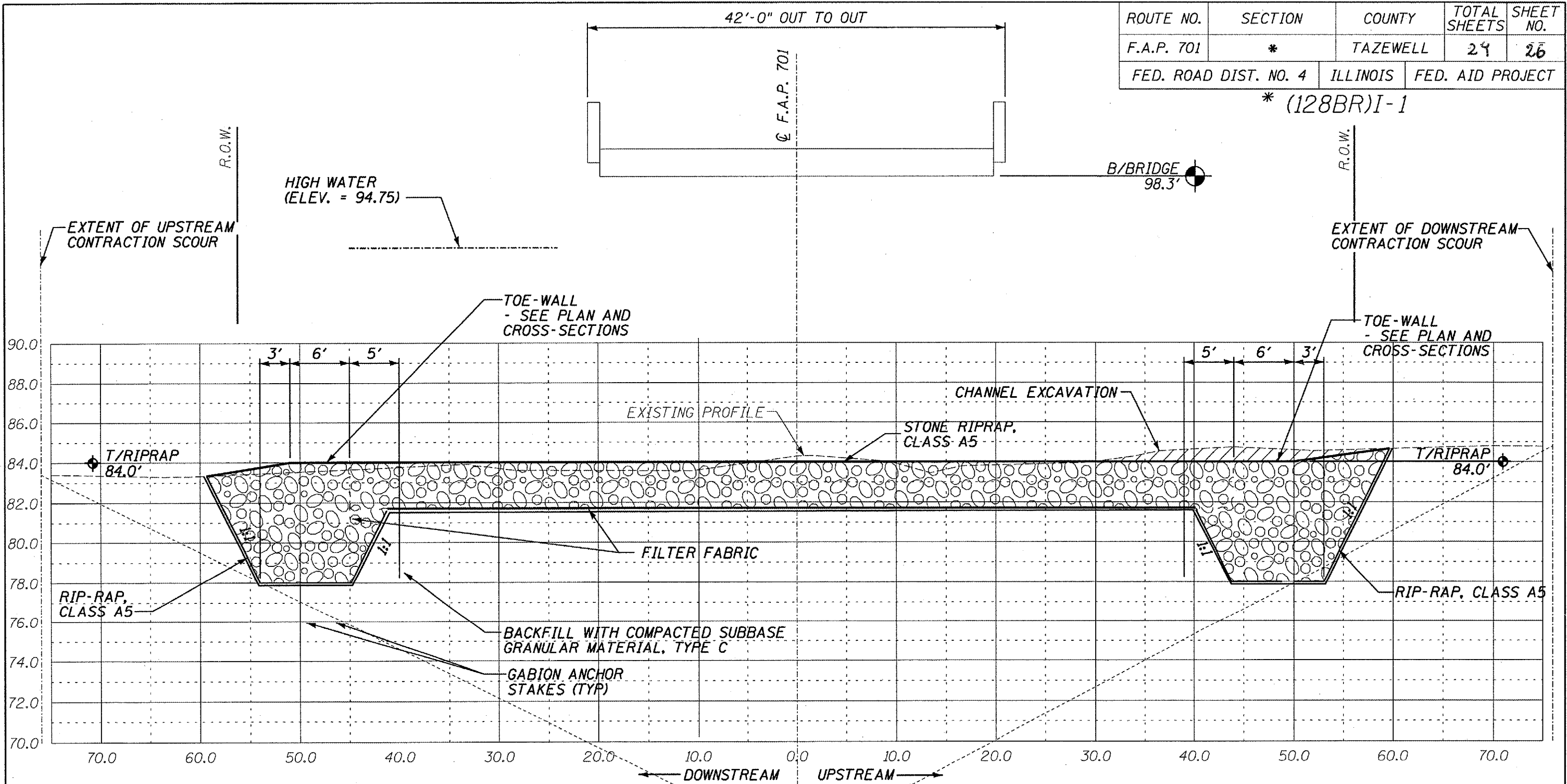


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 701	*	TAZEWELL	24	26
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

* (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'