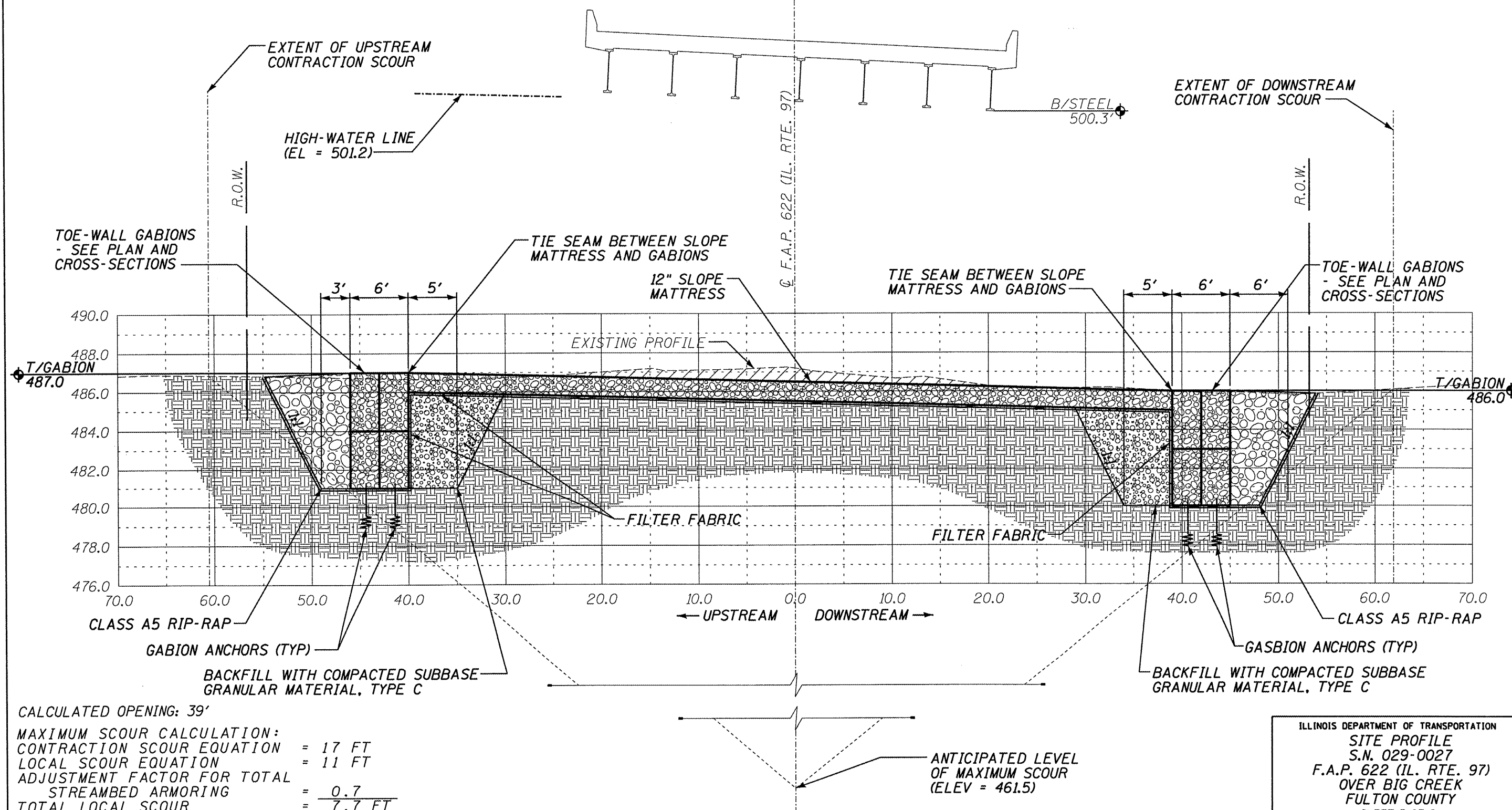


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VAR	66	20
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

*** D4 SCOUR MITIGATION 2006**



CALCULATED OPENING: 39'
 MAXIMUM SCOUR CALCULATION:
 CONTRACTION SCOUR EQUATION = 17 FT
 LOCAL SCOUR EQUATION = 11 FT
 ADJUSTMENT FACTOR FOR TOTAL STREAMBED ARMORING = 0.7
 TOTAL LOCAL SCOUR = 7.7 FT
 TOTAL COMBINED SCOUR = 24.7 FT

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SITE PROFILE
 S.N. 029-0027
 F.A.P. 622 (IL. RTE. 97)
 OVER BIG CREEK
 FULTON COUNTY
 SHEET 5 OF 8
 SCALE: HORIZ. 1" = 10' VERT. 1" = 5'