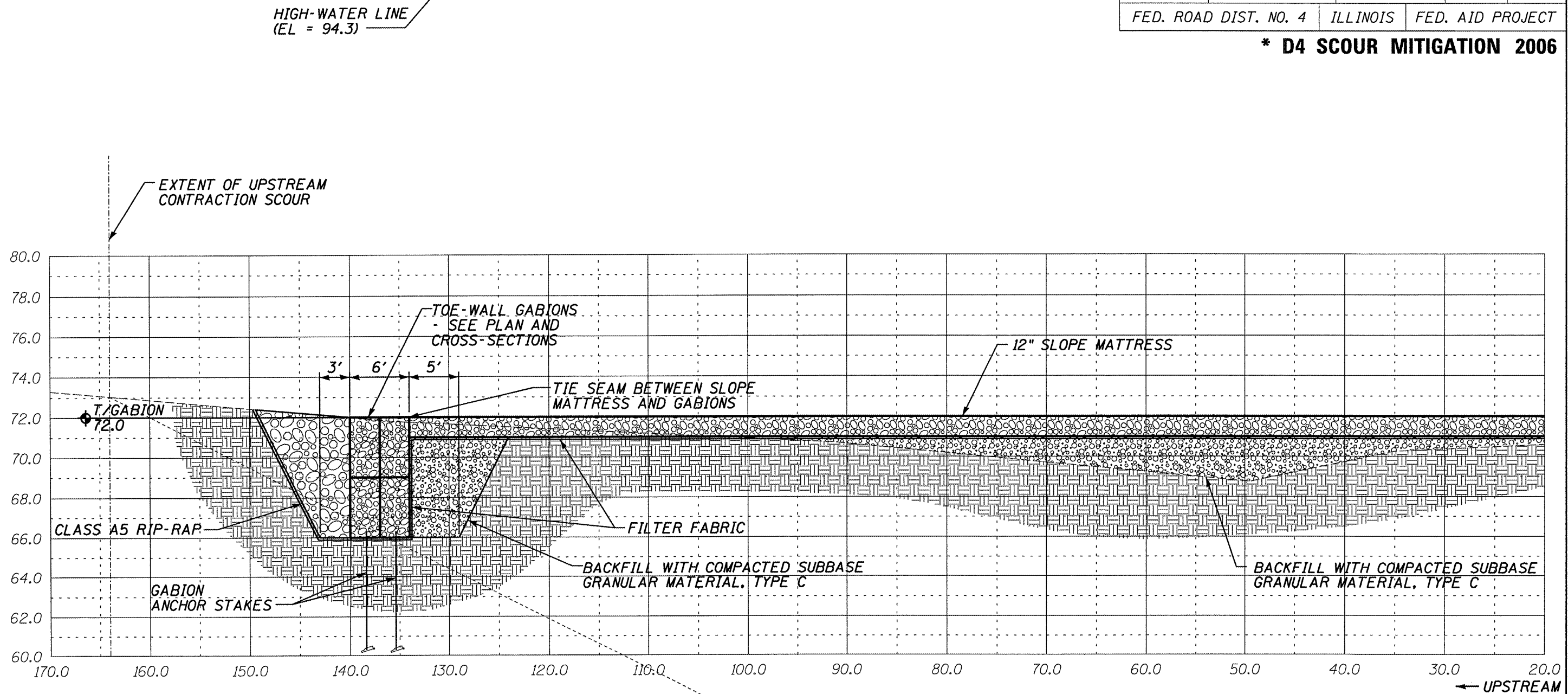


NOTE: B/BRIDGE = 94.98

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VAR	66	28
FED. ROAD DIST. NO. 4		ILLINOIS	FED. AID PROJECT	

*** D4 SCOUR MITIGATION 2006**



CALCULATED OPENING: 99'

MAXIMUM SCOUR CALCULATION:

CONTRACTION SCOUR EQUATION	= 32 FT
LOCAL SCOUR EQUATION	= 10 FT
ADJUSTMENT FACTOR FOR TOTAL STREAMBED ARMORING	= 0.7
TOTAL LOCAL SCOUR	= 7.0 FT
TOTAL COMBINED SCOUR	= 39.0 FT

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SITE PROFILE
 S.N. 029-0053
 F.A.P. 574 (IL. RTE. 41)
 OVER CEDAR CREEK
 FULTON COUNTY
 SHEET 5 OF 11
 SCALE: HORIZ. 1" = 10' VERT. 1" = 5'

