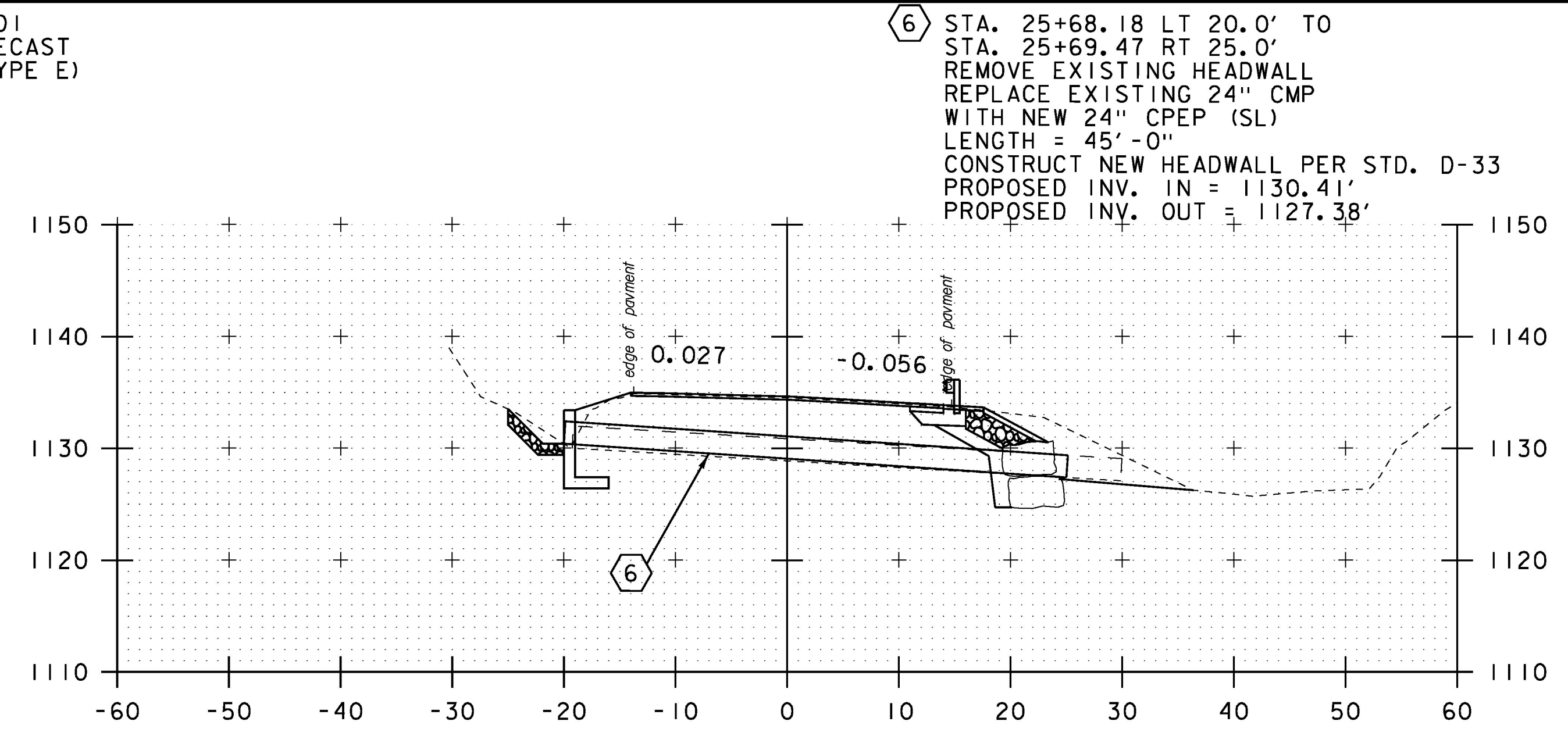
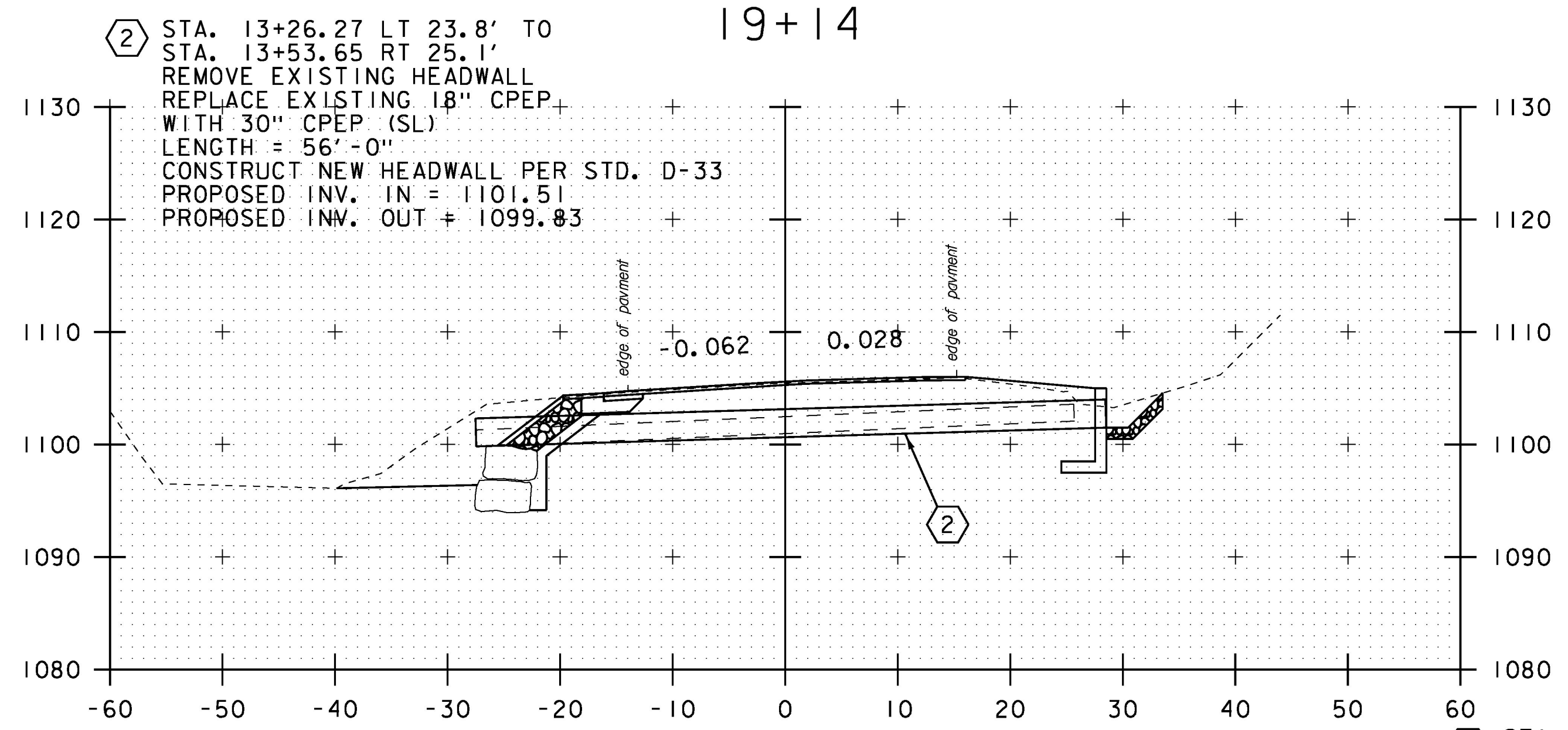


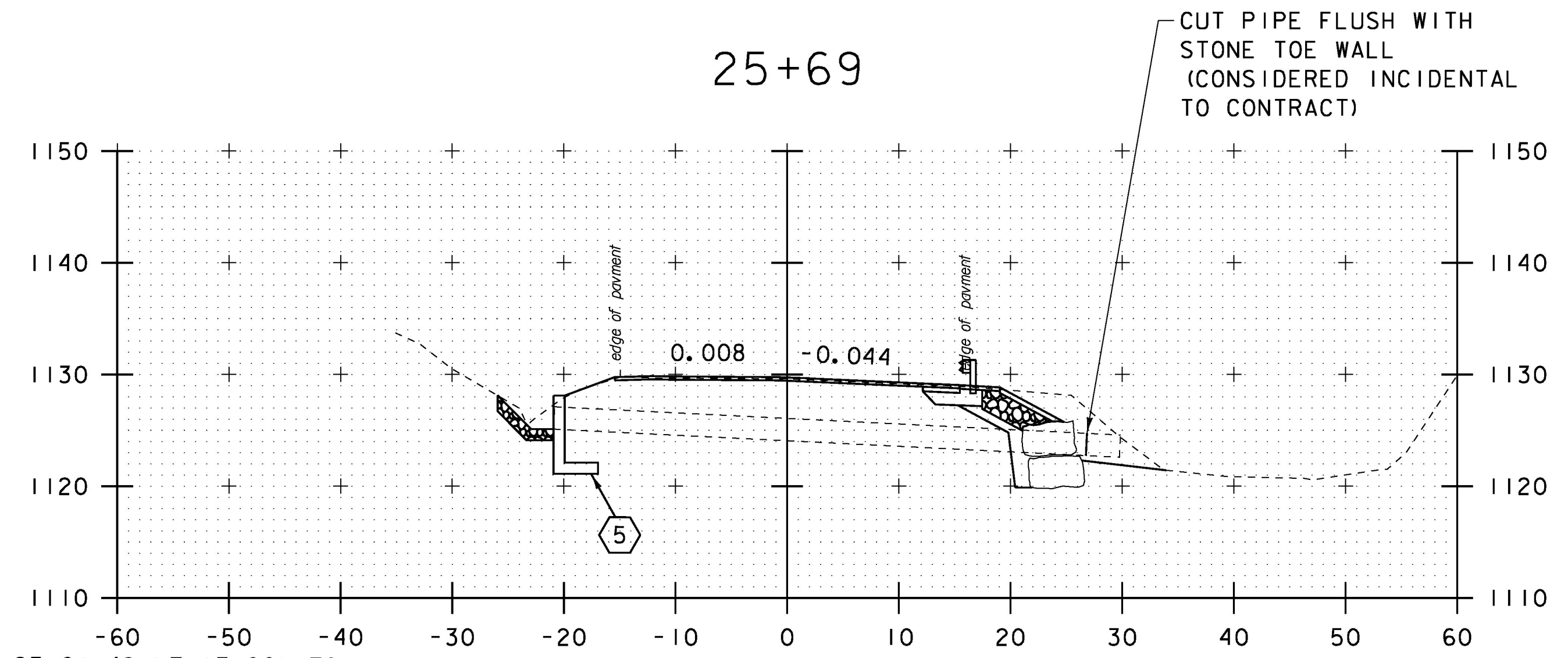
3 STA. 19+14.28 LT 19.4' REMOVE EXISTING DI  
 STA. 19+14.28 LT 20.0' INSTALL 4' X6' PRECAST  
 DROP INLET WITH TWO CAST IRON GRATES (TYPE E)  
 RIM = 1117.30'  
 REPLACE EXISTING 24" CMP WITH  
 NEW 24" CPEP (SL) FROM NEW DI TO  
 STA. 19+14.12 RT 24.0'  
 LENGTH = 42'-0"  
 PROPOSED INV. @ DI = 1113.80'  
 PROPOSED INV. OUT = 1112.35'



6 STA. 25+68.18 LT 20.0' TO  
 STA. 25+69.47 RT 25.0'  
 REMOVE EXISTING HEADWALL  
 REPLACE EXISTING 24" CMP  
 WITH NEW 24" CPEP (SL)  
 LENGTH = 45'-0"  
 CONSTRUCT NEW HEADWALL PER STD. D-33  
 PROPOSED INV. IN = 1130.41'  
 PROPOSED INV. OUT = 1127.38'

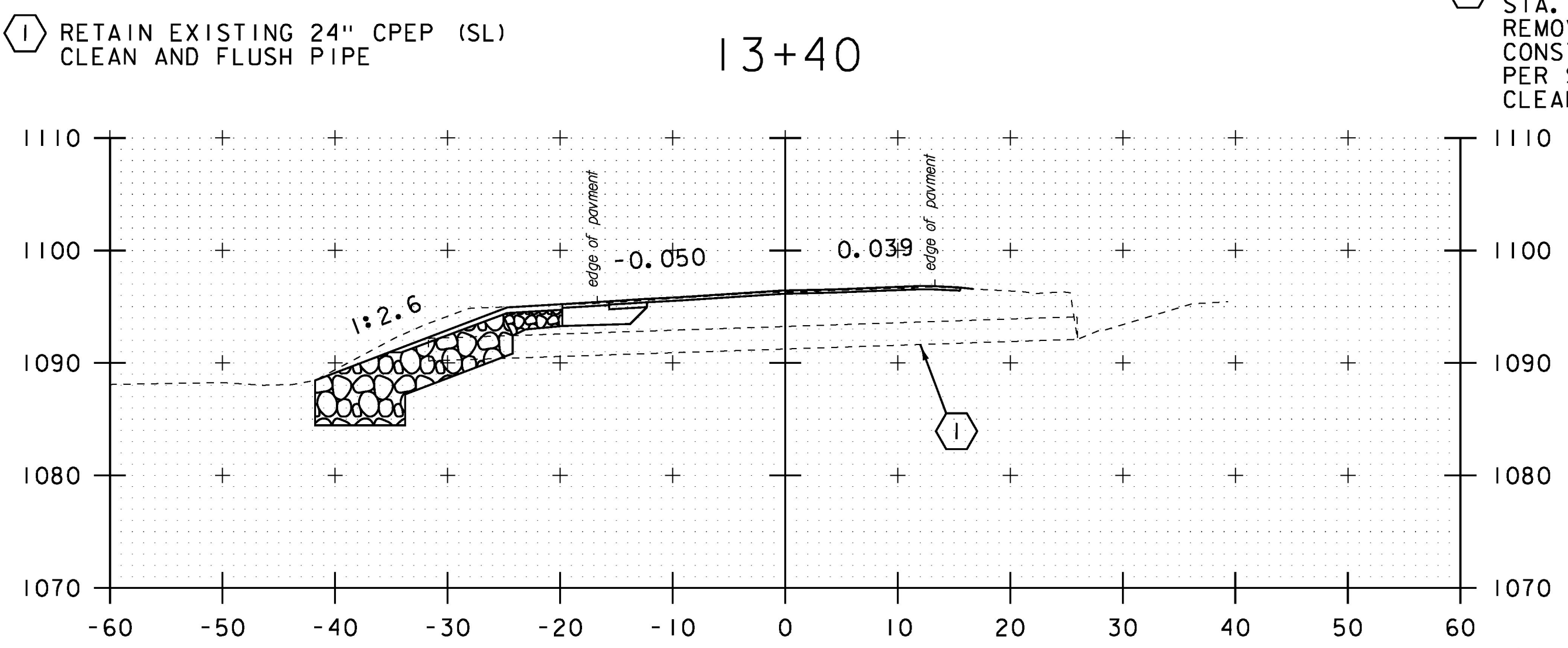


2 STA. 13+26.27 LT 23.8' TO  
 STA. 13+53.65 RT 25.1'  
 REMOVE EXISTING HEADWALL  
 REPLACE EXISTING 18" CPEP  
 WITH 30" CPEP (SL)  
 LENGTH = 56'-0"  
 CONSTRUCT NEW HEADWALL PER STD. D-33  
 PROPOSED INV. IN = 1101.51'  
 PROPOSED INV. OUT = 1099.83'

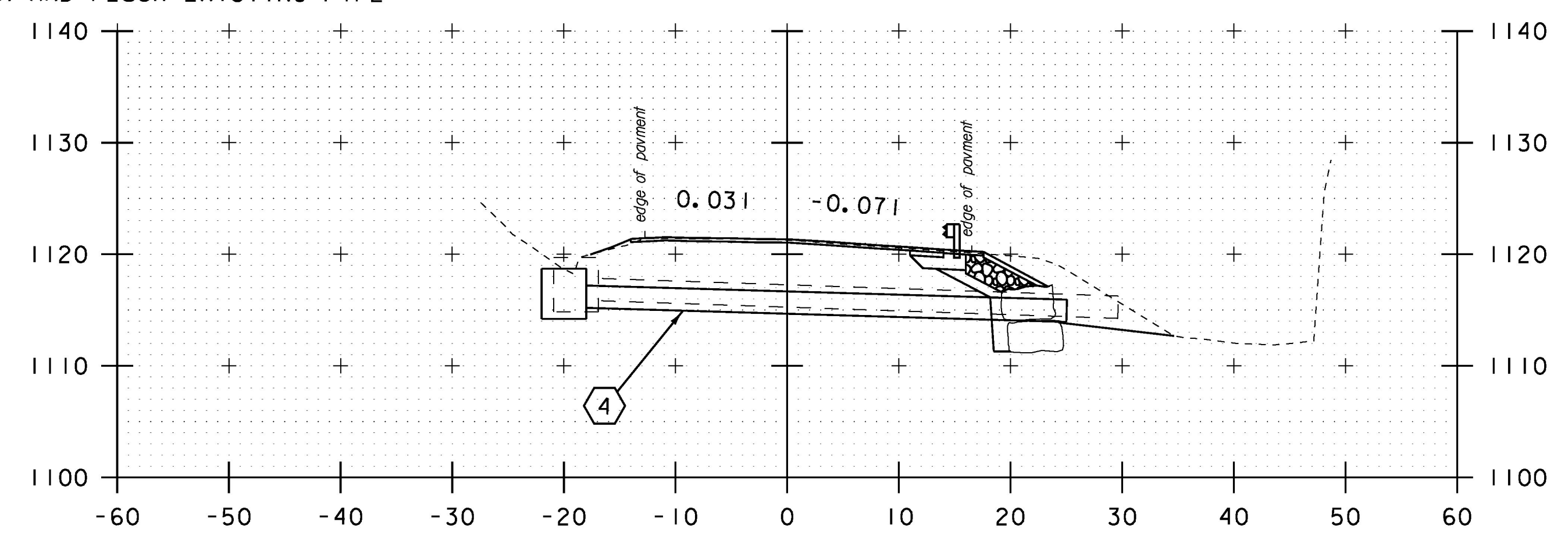


5 STA. 23+61.48 LT 17.96' TO  
 STA. 23+69.48 LT 17.96'  
 REMOVE EXISTING HEADWALL  
 CONSTRUCT NEW HEADWALL  
 PER STD. D-33 FOR EXISTING 24" RCP  
 CLEAN AND FLUSH EXISTING PIPE

CUT PIPE FLUSH WITH  
 STONE TOE WALL  
 (CONSIDERED INCIDENTAL  
 TO CONTRACT)



1 RETAIN EXISTING 24" CPEP (SL)  
 CLEAN AND FLUSH PIPE



4 STA. 19+79.08 LT 18.9' REMOVE EXISTING DI  
 STA. 19+79.08 LT 20.0' INSTALL 4' X6' PRECAST  
 DROP INLET WITH TWO CAST IRON GRATES (TYPE E)  
 RIM = 1118.70'  
 REPLACE EXISTING 24" CMP WITH  
 NEW 24" CPEP (SL) FROM NEW DI TO  
 STA. 19+78.95 RT 25.0'  
 LENGTH = 43'-0"  
 PROPOSED INV. @ DI = 1115.20'  
 PROPOSED INV. OUT = 1113.94'

9+67

19+79



STA. 9+67 TO STA. 25+69	
PROJECT NAME:	GRANVILLE
PROJECT NUMBER:	ER STP 013-4 (40)
FILE NAME:	z12b520xscu1ver1s.dgn
PLOT DATE:	7/8/2015
PROJECT LEADER:	J. TUCKER
DRAWN BY:	B. BRESLEND
DESIGNED BY:	B. BRESLEND
CHECKED BY:	A. SANZ
VT 100 CULV. CROSS SECTION SHEET 1	SHEET 122 OF 141