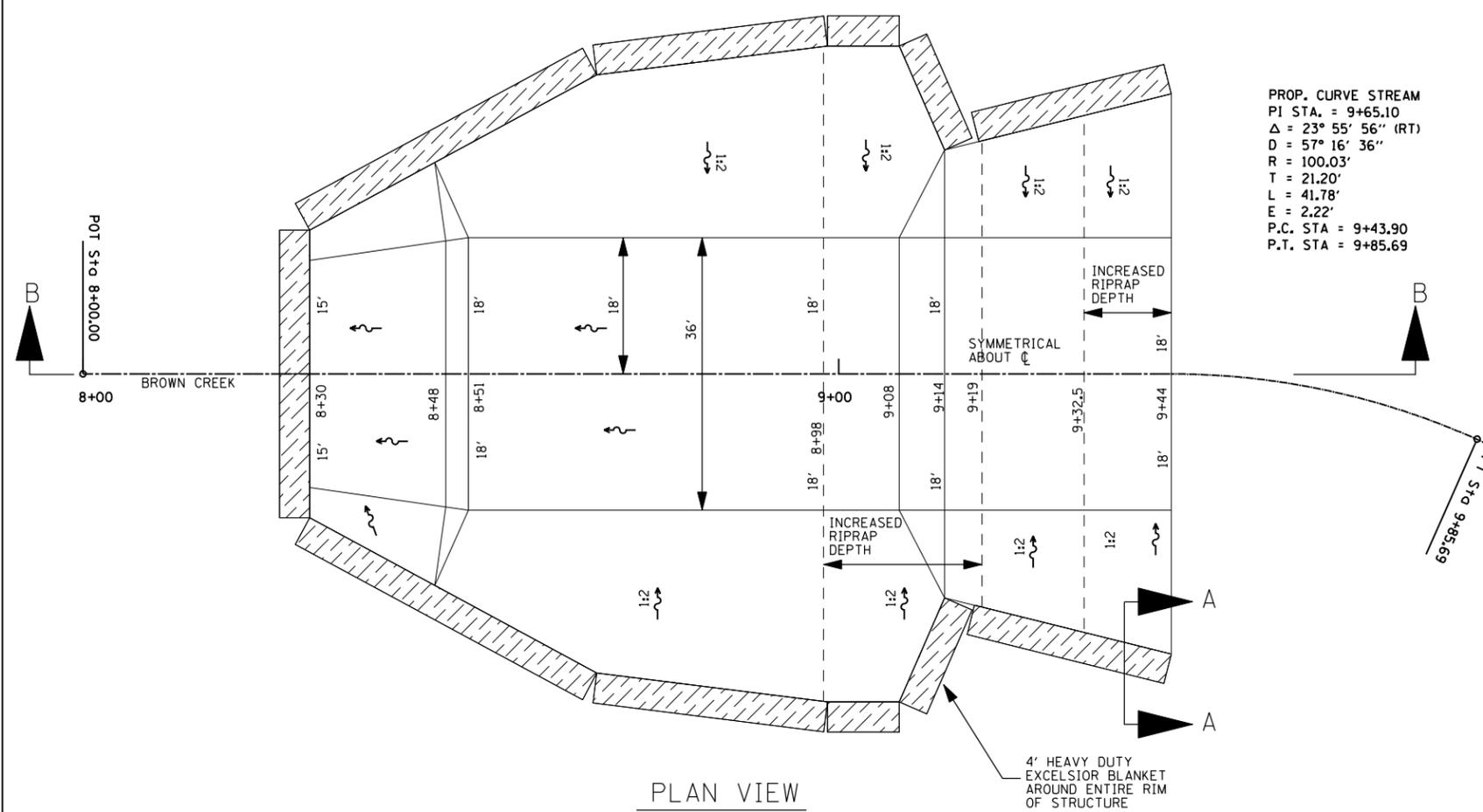
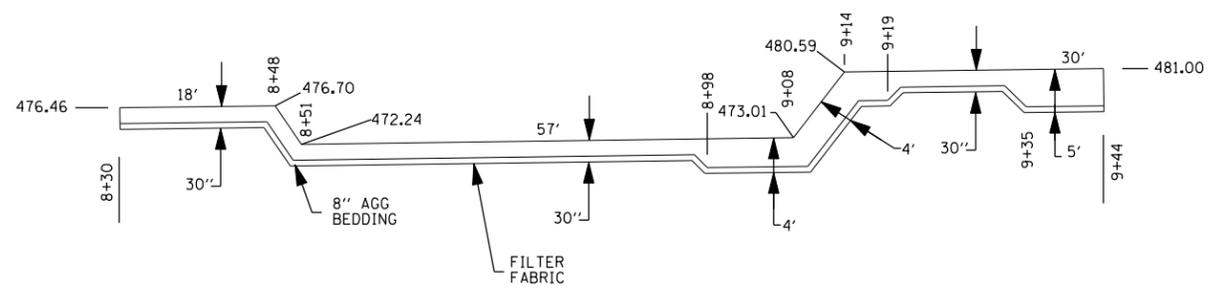


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	2(B-5, B-6)	PIKE	112	75
STA. 8+30 TO STA. 9+40		ILLINOIS FED. AID PROJECT		

PROP. CURVE STREAM
 PI STA. = 9+65.10
 $\Delta = 23^\circ 55' 56''$ (RT)
 $D = 57^\circ 16' 36''$
 $R = 100.03'$
 $T = 21.20'$
 $L = 41.78'$
 $E = 2.22'$
 P.C. STA = 9+43.90
 P.T. STA = 9+85.69



PLAN VIEW



SECTION B-B ALONG CENTERLINE

ENERGY DISSIPATING RIPRAP STILLING BASIN

RIPRAP FOR THIS ENERGY DISSIPATING RIPRAP STILLING BASIN SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 284 OF THE STANDARD SPECIFICATIONS.

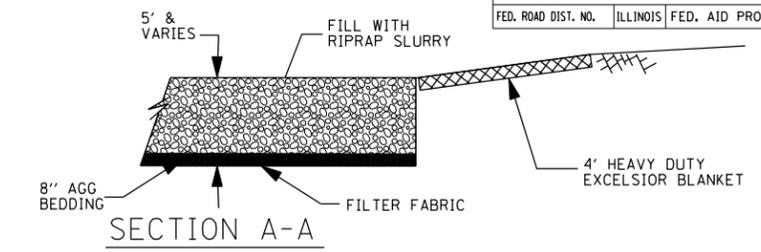
THE RIPRAP QUALITY SHALL CONFORM TO CLASS A QUALITY.

FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER SQUARE YARD FOR "FILTER FABRIC".

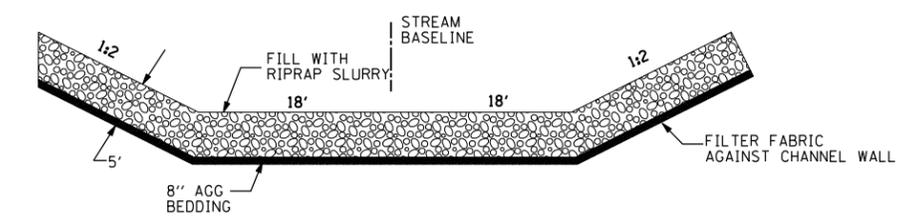
EXCAVATION FOR THIS BASIN WILL BE CONSIDERED AS NOT SUITABLE FOR ROADWAY FILL AND SHALL BE WASTED OR DISPOSED OF PROPERLY.

EXCAVATION OF THE EXISTING STREAMBED DOWN TO THE SURFACE OF THIS STRUCTURE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR CHANNEL EXCAVATION. EXCAVATION BELOW THE TOP SURFACE NEEDED TO PLACE THE RIPRAP FOR THIS STRUCTURE WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR RIPRAP FOR STILLING BASIN.

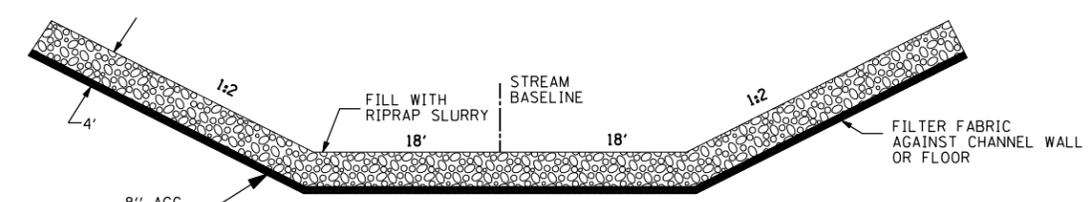
CONTRACTOR TO PLACE ON ENTIRE STRUCTURE A CONCRETE SLURRY MIXTURE AROUND THE POSITIONED STONE RIPRAP. PAID FOR AT THE CONTRACT UNIT PRICE BID PER SQUARE YARD FOR RIPRAP SLURRY.



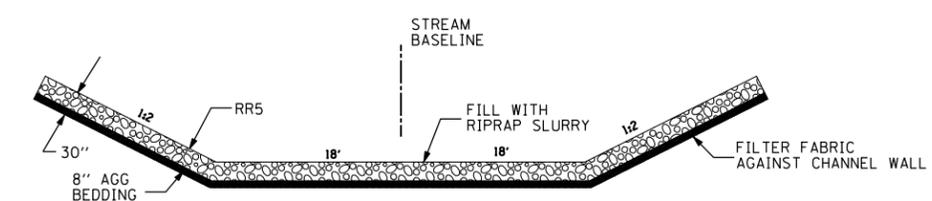
SECTION A-A



SECTION @ STA 9+35 TO STA 9+44

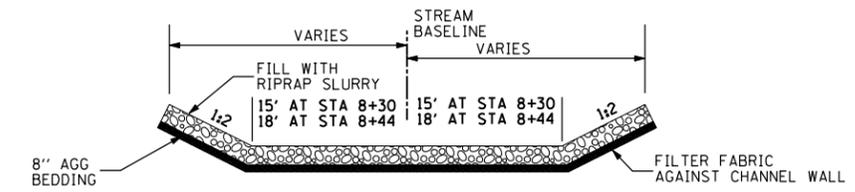


SECTION @ STA 9+89 TO STA 9+19



SECTION @ STA 8+48 TO STA 8+89

SECTION @ STA 9+19 TO STA 9+35



SECTION @ STA 8+30 TO STA 8+48

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS
 ENERGY DISSIPATOR**

BROWN CREEK

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 7/31/2007
 FILE NAME = c:\p\projects\652484\paba_r.mol\75-8048\beam.dgn
 PLOT SCALE = 2:1, 7/5' / 1" IN.
 USER NAME = laughlin-1