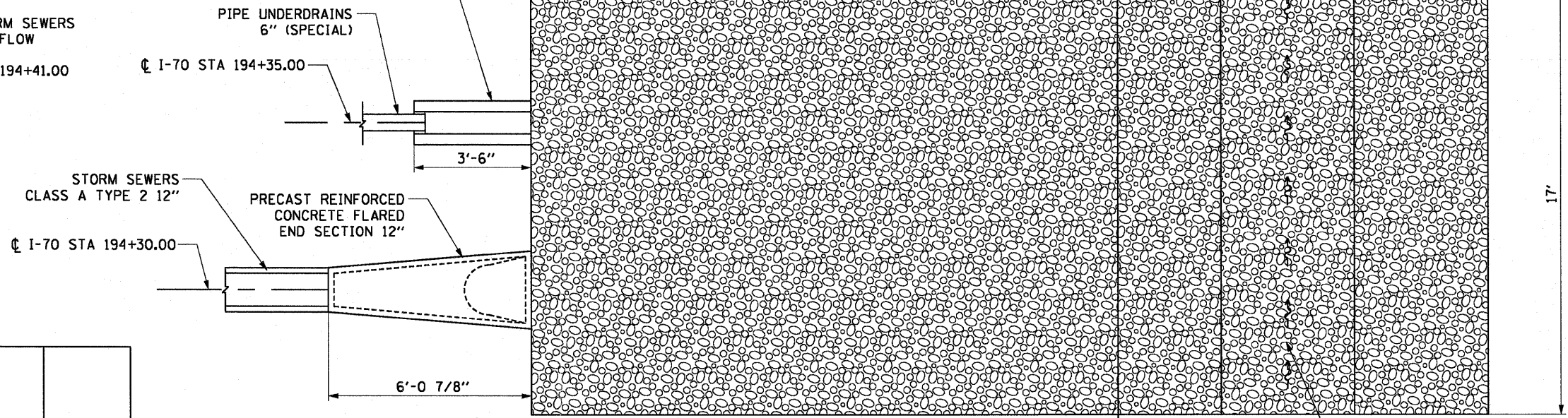


**PRECAST REINFORCED CONCRETE FLARED END SECTION AND
CONCRETE HEADWALL FOR PIPE DRAIN
STONE RIPRAP PROTECTION DETAIL**

FOR PIPE UNDERDRAINS AND STORM SEWERS
PERPENDICULAR TO DITCH FLOW

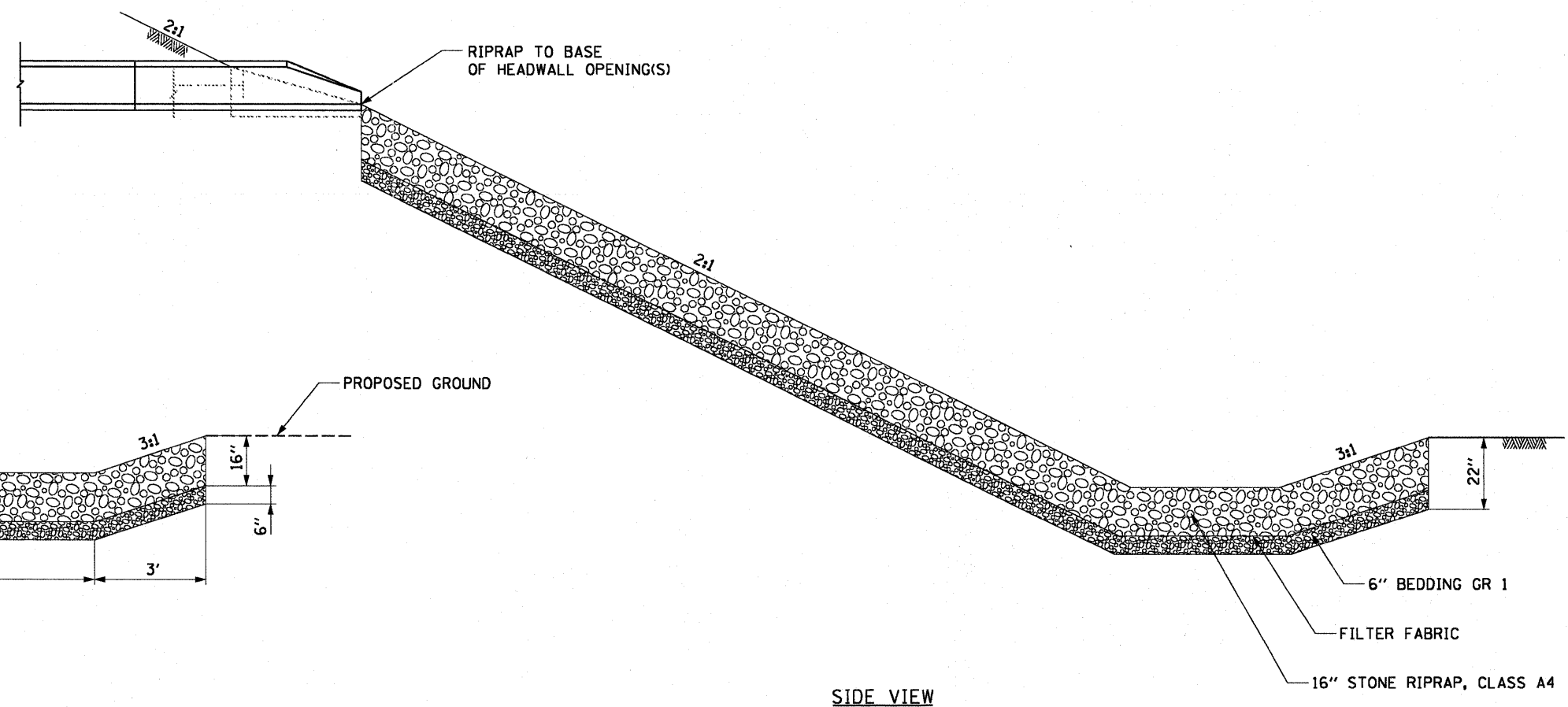
☉ I-70: STA 194+24.00 TO STA 194+41.00



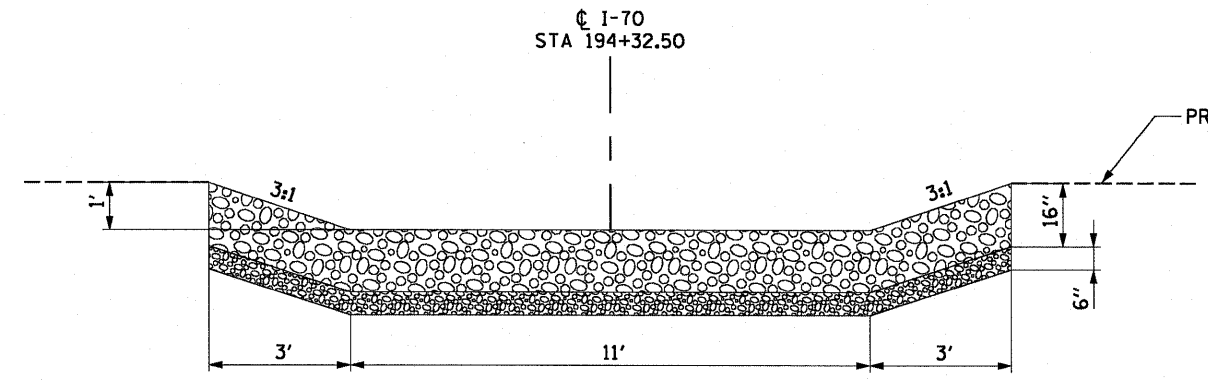
PLAN VIEW

STATION	OFFSET	STRUCTURE NO.	STONE RIPRAP, CLASS A4	FILTER FABRIC
			SQ YD	SQ YD
☉ I-70				
194+32.50	75.50' LT	S 1-02	168	168
		S 1-03		
TOTALS			168	168

NOTE: STATION AND OFFSET ARE PROVIDED FOR THE UPSTREAM CENTERLINE OF THE RIPRAP CHANNEL



SIDE VIEW



SECTION A-A

USER NAME = sear-ab	DESIGNED KLK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE DETAIL 2			F.A.I. RTE. 64/998	SECTION 82-1-B-2	COUNTY ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 375	
PLLOT SCALE = 2.0000' / in.	DRAWN KLK	REVISED -		SCALE: NONE	SHEET NO. 2 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 76C76					
PLLOT DATE = 6/30/2011	CHECKED EEY	REVISED -										
	DATE 07-01-11	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								