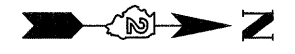


EROSION, R.O.W., EASEMENT, SEEDING, DRAINAGE

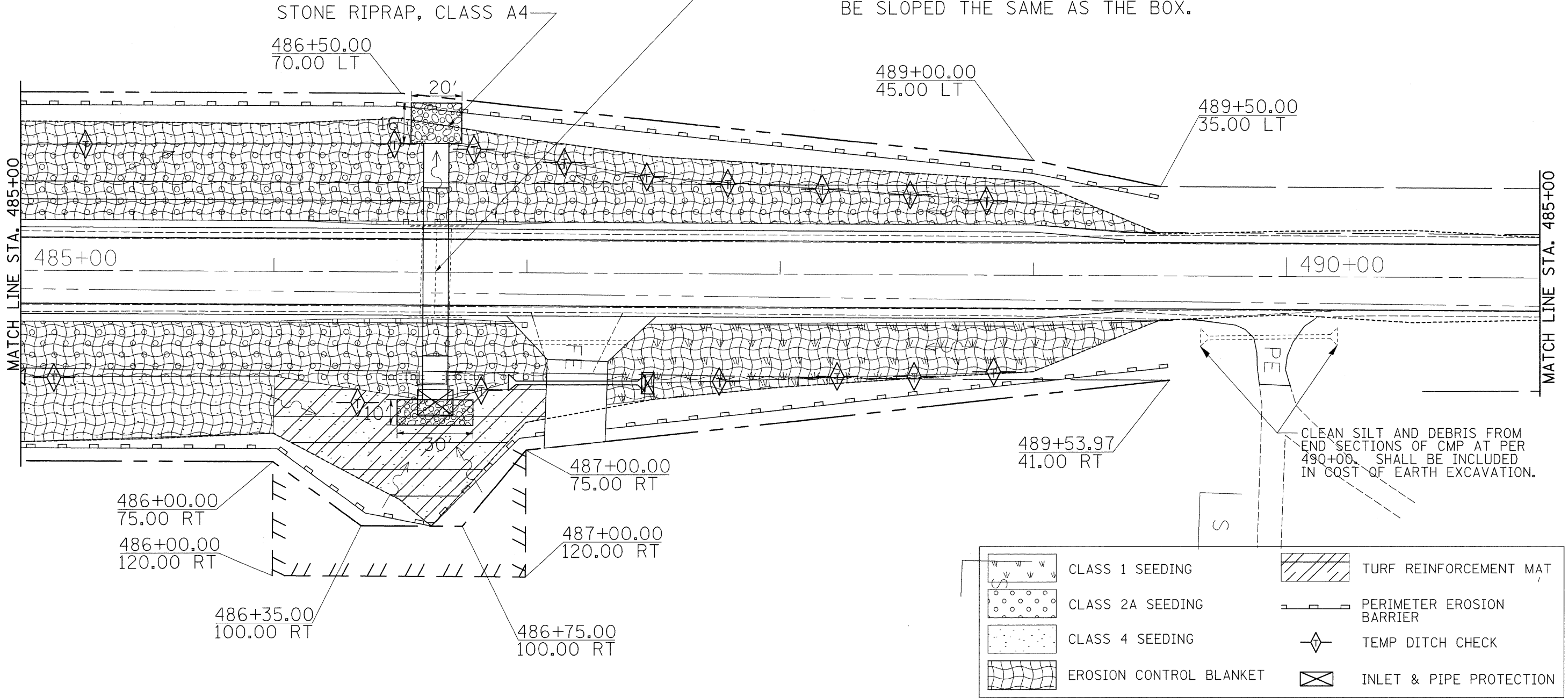


PR Drainage Area =	155.0	acres
EX Drainage Area =	119.0	acres
Existing Low Grade Elevation:	883.19	ft. @ 485+55
Proposed Low Grade Elevation:	883.19	ft. @ 485+55

Flood	Frequency	Discharge (EX Conditions)	Discharge (PR Conditions)	Headwater Elev. (ft)	
				Existing	Proposed
Ten-Year	10	54	76	879.47	878.35
Design	50	79	103	880.12	878.78
Base	100	92	119	880.43	879.02
Max Calc	500	125	168	881.19	879.74

10-Year Velocity through Existing Culvert = 9.1 fps
 10-Year Velocity through Proposed Culvert = 3.49 fps

STA 486+63
 66' PRECAST BOX CULVERT, 10' X 3'
 33' RT TO 33' RT
 SKEW = 0°
 UPSTREAM $\#$ = 876.05 (33' RT)
 DOWNSTREAM $\#$ = 875.76 (33' LT)
 SLOPE = 0.44%
 2 EA BOX CULVERT END SECTIONS TO BE SLOPED THE SAME AS THE BOX.



	CLASS 1 SEEDING		TURF REINFORCEMENT MAT
	CLASS 2A SEEDING		PERIMETER EROSION BARRIER
	CLASS 4 SEEDING		TEMP DITCH CHECK
	EROSION CONTROL BLANKET		INLET & PIPE PROTECTION