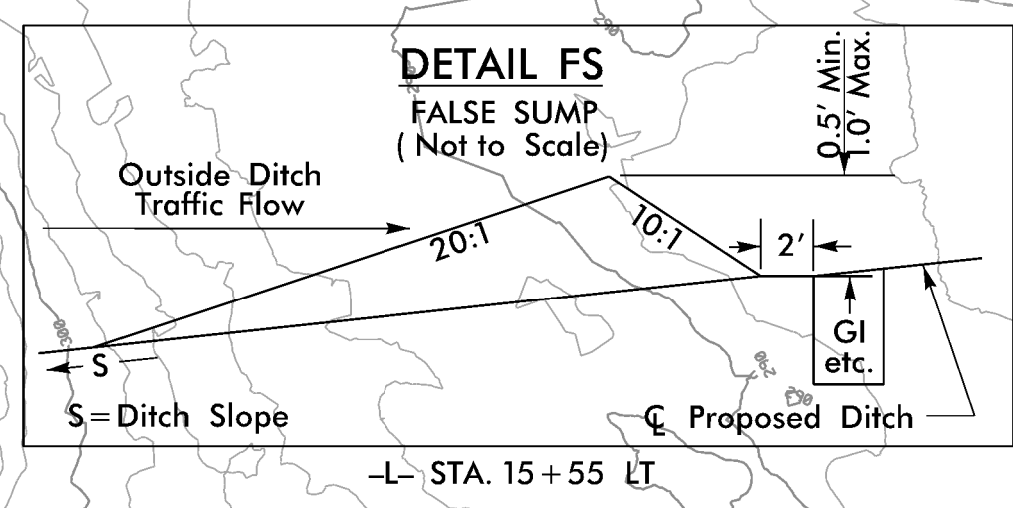
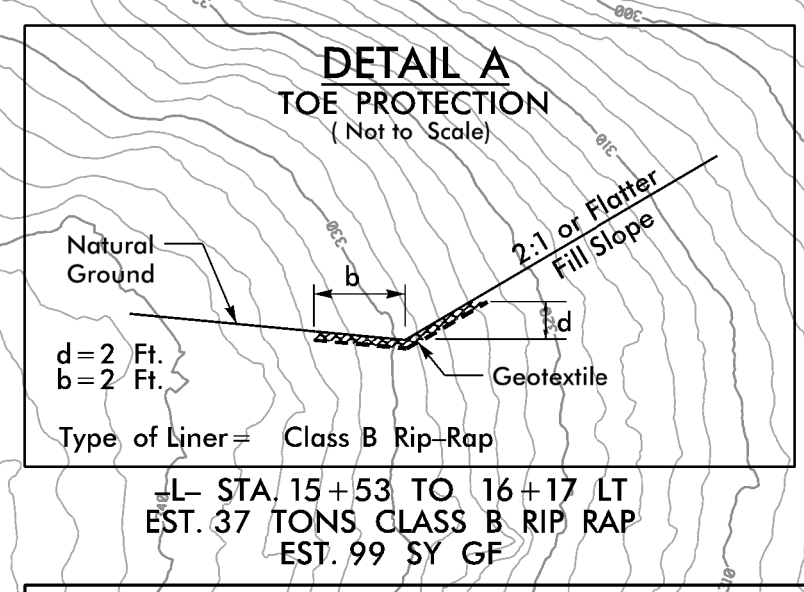
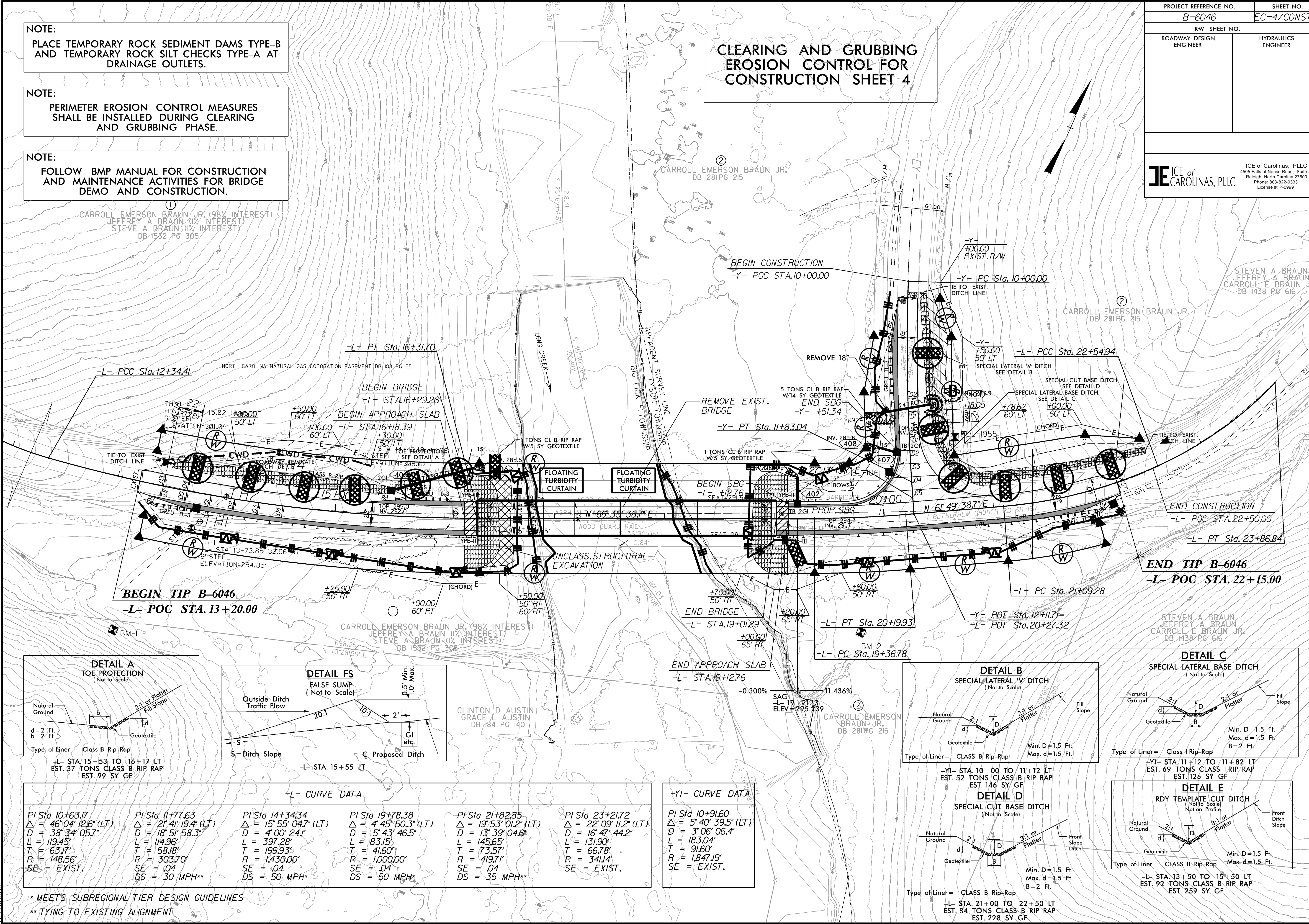


**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE-B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

**NOTE:**  
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

**NOTE:**  
FOLLOW BMP MANUAL FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES FOR BRIDGE DEMO AND CONSTRUCTION.

# CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

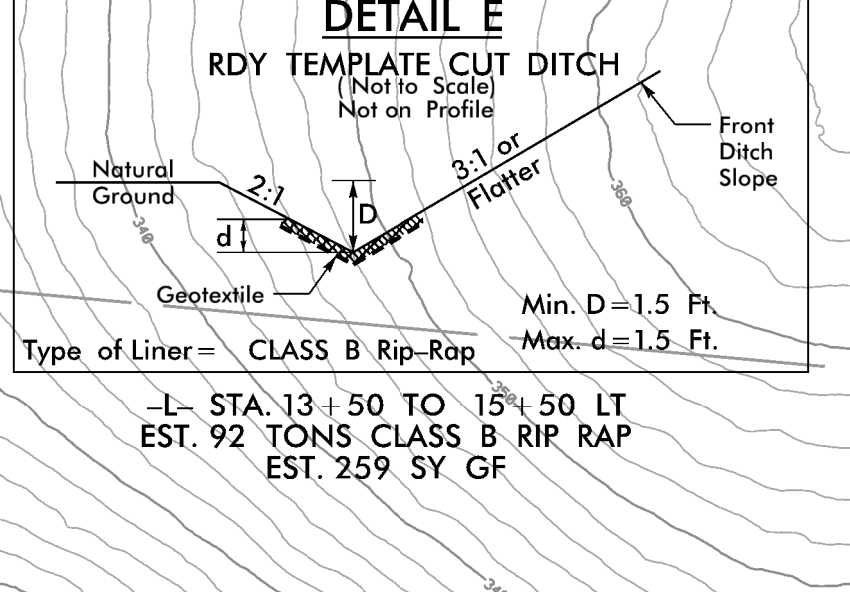
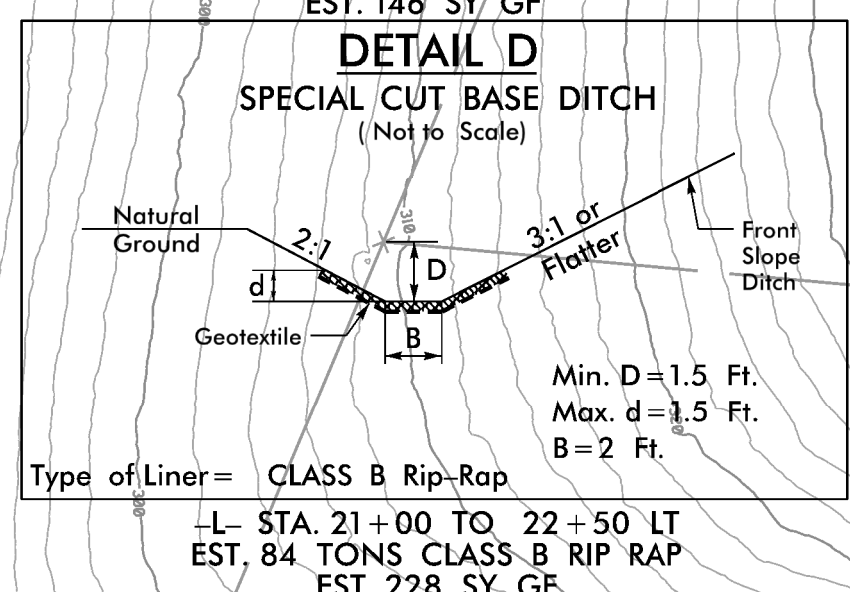
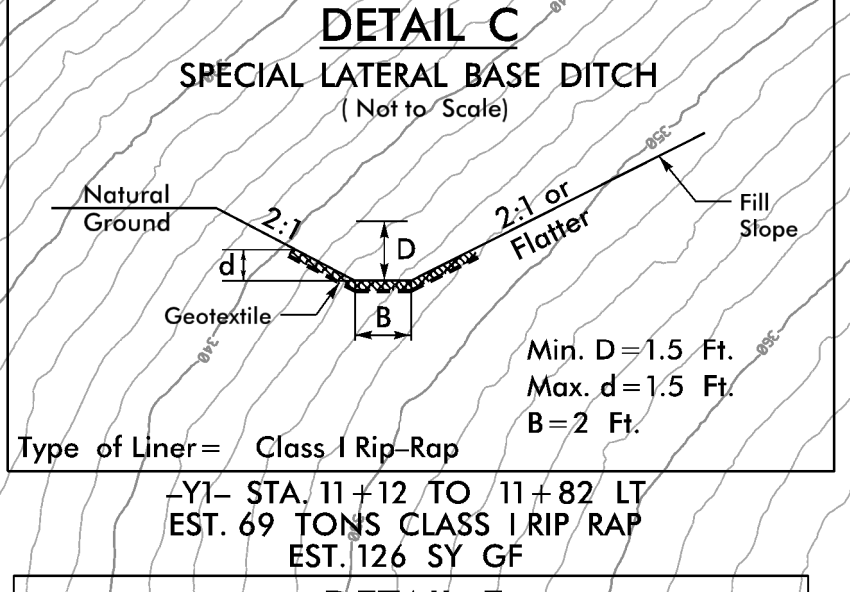
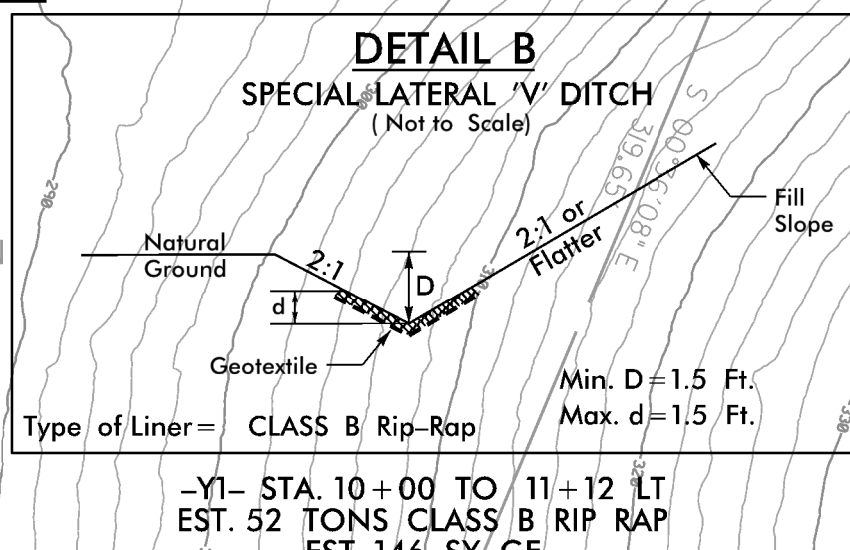


**-L- CURVE DATA**

PI Sta 10+63.17 $\Delta = 46^{\circ}04'12.6"$ (LT) $D = 38^{\circ}34'05.7"$ $L = 119.45'$ $T = 63.17'$ $R = 148.56'$ $SE = EXIST.$	PI Sta 11+77.63 $\Delta = 27^{\circ}41'19.4"$ (LT) $D = 18^{\circ}51'58.3"$ $L = 114.96'$ $T = 58.18'$ $R = 303.70'$ $SE = .04$ $DS = 30$ MPH**	PI Sta 14+34.34 $\Delta = 15^{\circ}55'04.7"$ (LT) $D = 4^{\circ}00'24.1"$ $L = 397.28'$ $T = 199.93'$ $R = 1,430.00'$ $SE = .04$ $DS = 50$ MPH**	PI Sta 19+78.38 $\Delta = 4^{\circ}45'50.3"$ (LT) $D = 5^{\circ}43'46.5"$ $L = 83.15'$ $T = 41.60'$ $R = 1,000.00'$ $SE = .04$ $DS = 50$ MPH**	PI Sta 21+82.85 $\Delta = 19^{\circ}53'01.2"$ (LT) $D = 13^{\circ}39'04.6"$ $L = 145.65'$ $T = 73.57'$ $R = 419.71'$ $SE = .04$ $DS = 35$ MPH**	PI Sta 23+21.72 $\Delta = 22^{\circ}09'11.2"$ (LT) $D = 16^{\circ}47'44.2"$ $L = 131.90'$ $T = 66.78'$ $R = 341.14'$ $SE = EXIST.$
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**-YI- CURVE DATA**

PI Sta 10+91.60 $\Delta = 5^{\circ}40'39.5"$ (LT) $D = 3^{\circ}06'06.4"$ $L = 183.04'$ $T = 91.60'$ $R = 1,847.19'$ $SE = EXIST.$
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\* MEETS SUBREGIONAL TIER DESIGN GUIDELINES  
\*\* TYING TO EXISTING ALIGNMENT

8/17/99  
 R:\Projects\19-95-01-SMU.B.6046\_SRI1917-Over-Long-Creek\NCDOT\Hydraulics\CADD\PSH\ErosionControl\B-6046\_EC\_psh04\_C&G.dgn  
 12/4/2023