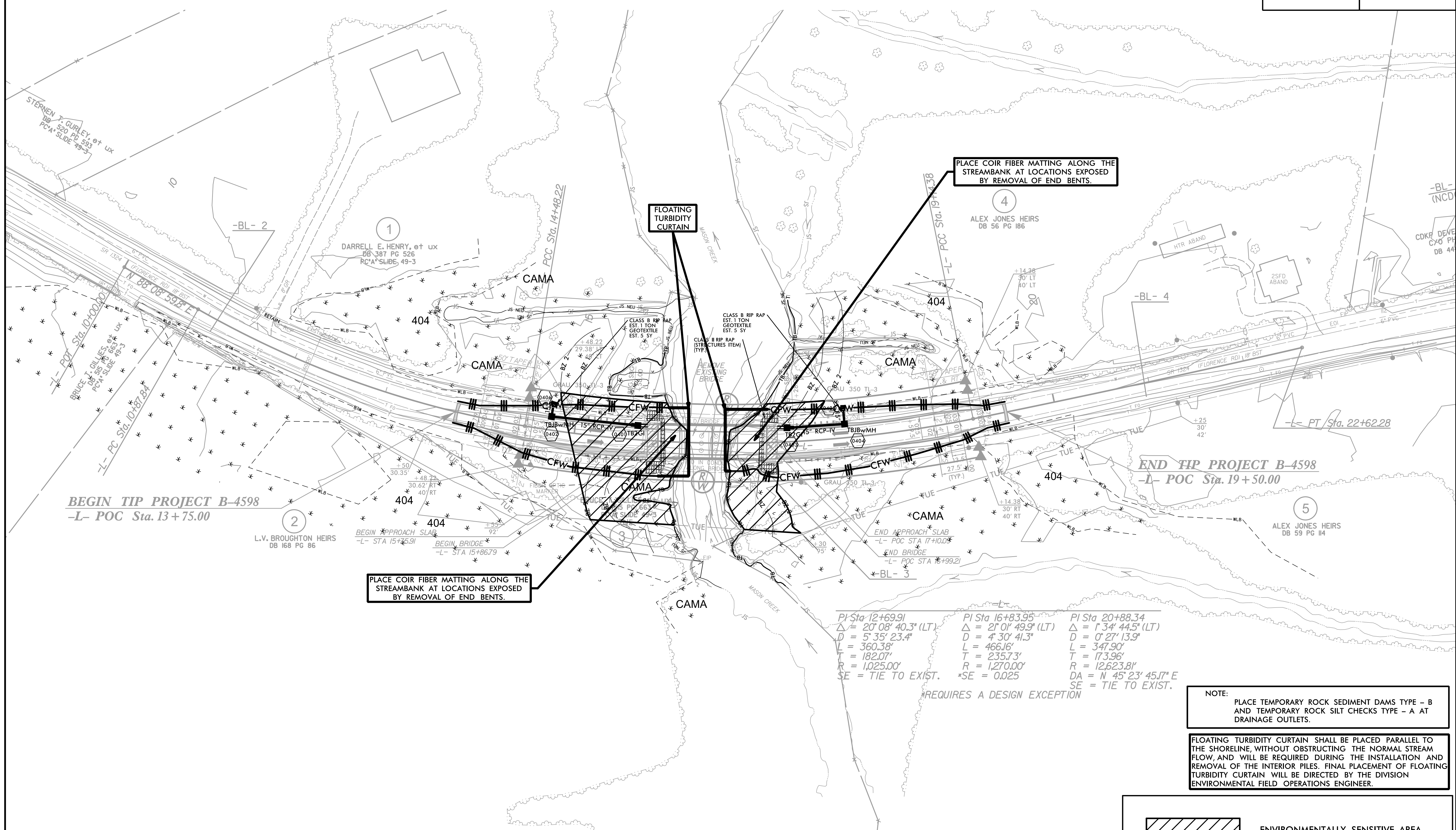
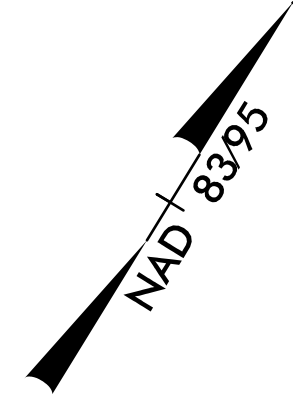


PROJECT REFERENCE NO. <i>B-4598</i>	SHEET NO. <i>EC-4/CONST.4</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



**BEGIN TIP PROJECT B-4598**  
-L- POC Sta. 13+75.00

**END TIP PROJECT B-4598**  
-L- POC Sta. 19+50.00

PI Sta 12+69.91 $\Delta = 20' 08" 40.3" (LT)$ $D = 5' 35" 23.4"$ $L = 360.38'$ $T = 182.07'$ $R = 1,025.00'$ $SE = TIE TO EXIST.$	PI Sta 16+83.95 $\Delta = 21' 01" 49.9" (LT)$ $D = 4' 30" 41.3"$ $L = 466.16'$ $T = 235.73'$ $R = 1,270.00'$ $*SE = 0.025$	PI Sta 20+88.34 $\Delta = 1' 34" 44.5" (LT)$ $D = 0' 27" 13.9"$ $L = 347.90'$ $T = 173.96'$ $R = 12,623.81'$ $DA = N 45' 23" 45.17" E$ $SE = TIE TO EXIST.$
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REQUIRES A DESIGN EXCEPTION

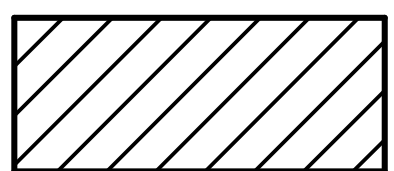
PLACE COIR FIBER MATTING ALONG THE STREAMBANK AT LOCATIONS EXPOSED BY REMOVAL OF END BENTS.

PLACE COIR FIBER MATTING ALONG THE STREAMBANK AT LOCATIONS EXPOSED BY REMOVAL OF END BENTS.

FLOATING TURBIDITY CURTAIN

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

FLOATING TURBIDITY CURTAIN SHALL BE PLACED PARALLEL TO THE SHORELINE, WITHOUT OBSTRUCTING THE NORMAL STREAM FLOW, AND WILL BE REQUIRED DURING THE INSTALLATION AND REMOVAL OF THE INTERIOR PILES. FINAL PLACEMENT OF FLOATING TURBIDITY CURTAIN WILL BE DIRECTED BY THE DIVISION ENVIRONMENTAL FIELD OPERATIONS ENGINEER.



ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

NOTE:  
UTILIZE SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 4