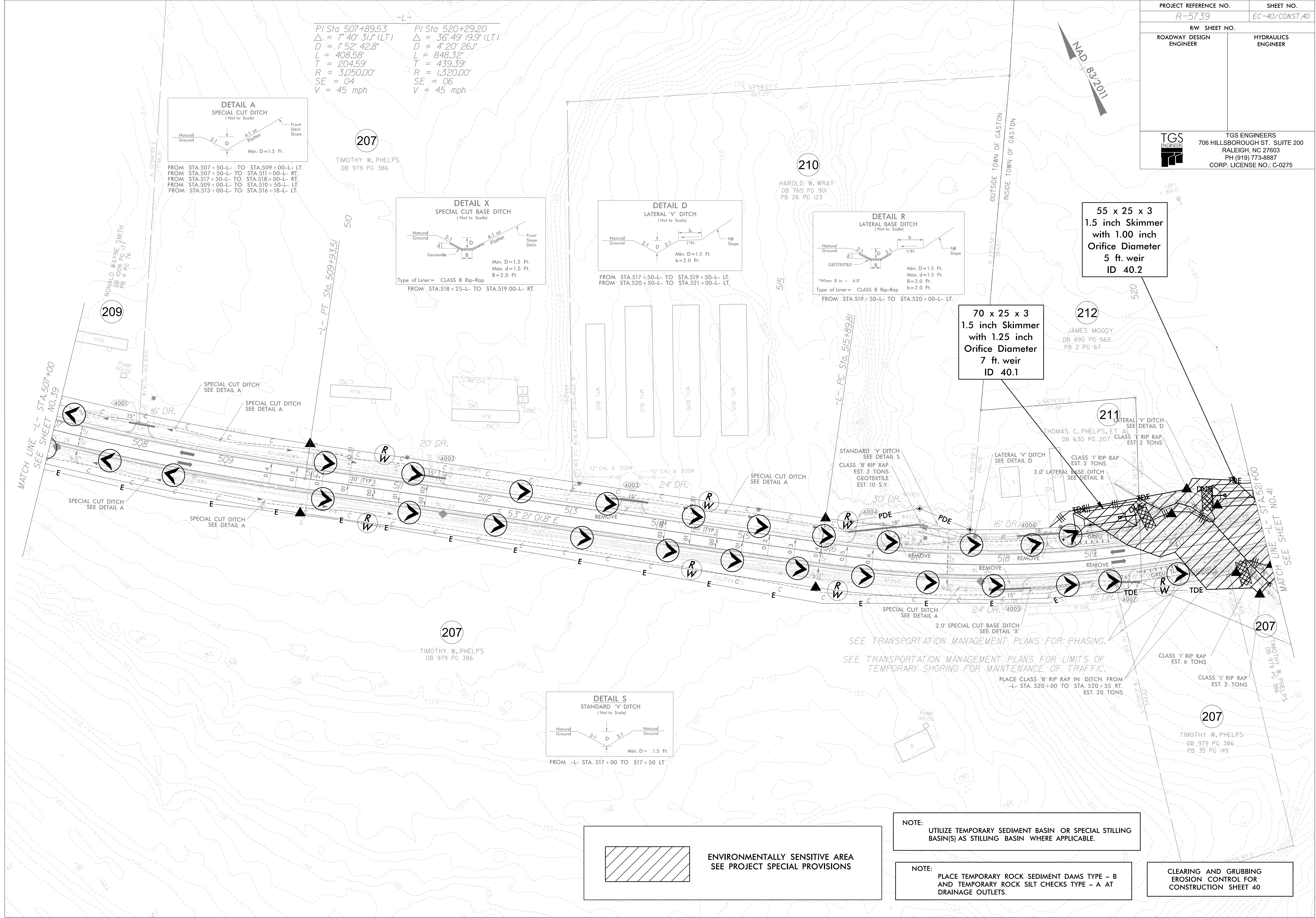
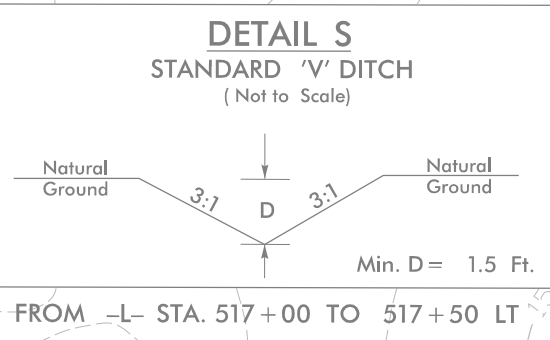
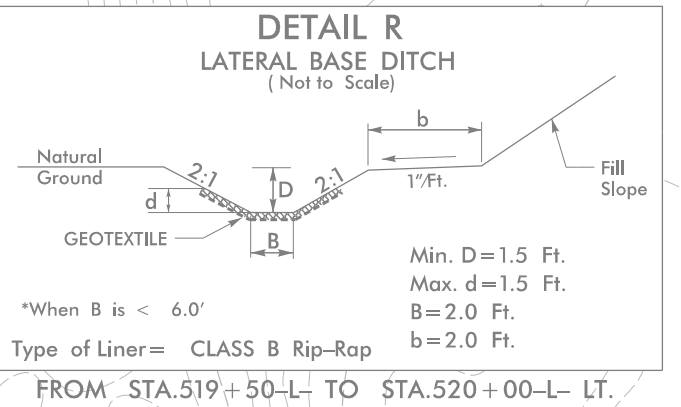
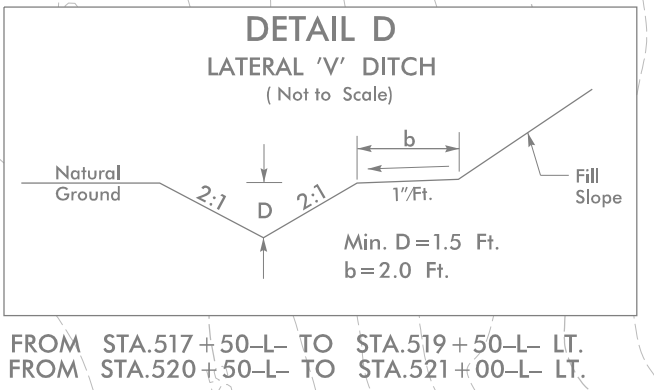
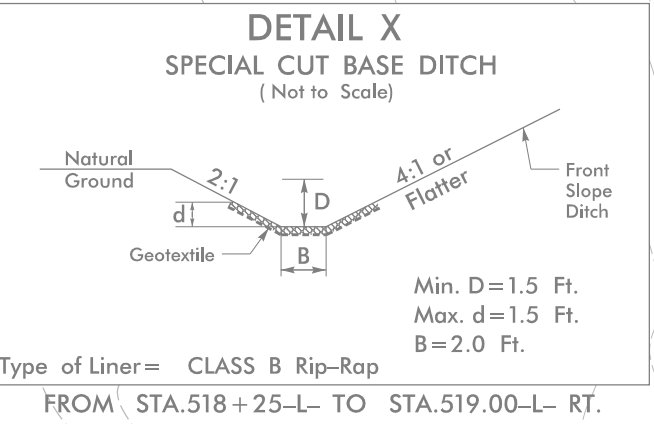
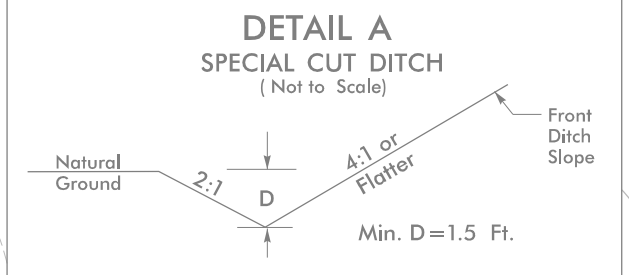


PROJECT REFERENCE NO.		SHEET NO.	
R-5739		EC-40/CONST.40	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		TGS ENGINEERS	
		706 HILLSBOROUGH ST., SUITE 200	
		RALEIGH, NC 27603	
		PH (919) 773-8887	
		CORP. LICENSE NO.: C-0275	



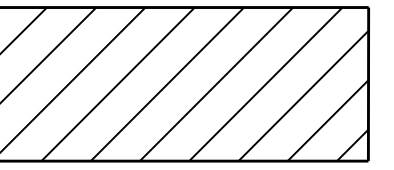
PI Sta 507+89.53
 $\Delta = 7' 40' 31.1''$ (LT)
 $D = 1' 52' 42.8''$
 $L = 408.58'$
 $T = 204.59'$
 $R = 3,050.00'$
 $SE = 04$
 $V = 45$ mph

PI Sta 520+29.20
 $\Delta = 36' 49' 19.9''$ (LT)
 $D = 4' 20' 26.1''$
 $L = 848.32'$
 $T = 439.39'$
 $R = 1,320.00'$
 $SE = 06$
 $V = 45$ mph



55 x 25 x 3
1.5 inch Skimmer
with 1.00 inch
Orifice Diameter
5 ft. weir
ID 40.2

70 x 25 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
7 ft. weir
ID 40.1



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 40