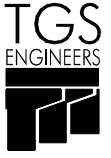
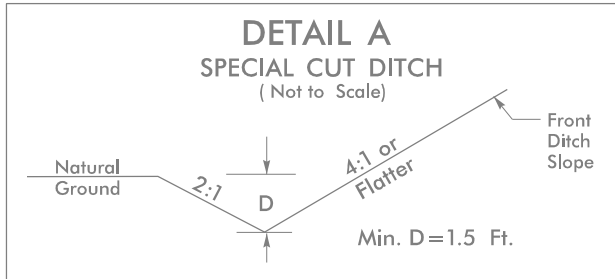


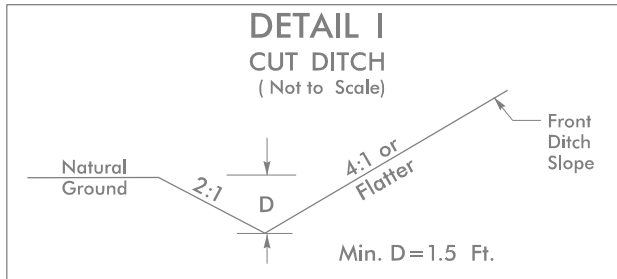
PROJECT REFERENCE NO.		SHEET NO.
R-5739		EC-75/CONST.35
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
		TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275

-L-

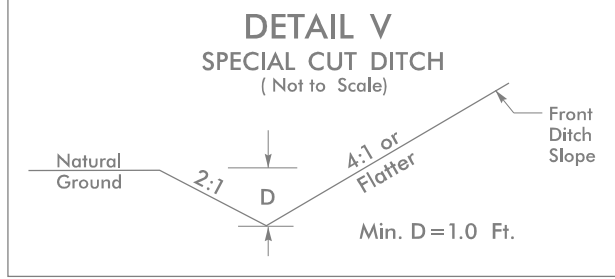
PI Sta 439+12.93 $\Delta = 0^{\circ}12'14.2''$ (LT) $D = 0^{\circ}34'22.6''$ $L = 35.59'$ $T = 17.80'$ $R = 10,000.00'$ $SE = NC$ $V = 55$ mph	PI Sta 451+90.14 $\Delta = 18^{\circ}45'19.8''$ (RT) $D = 5^{\circ}33'45.7''$ $L = 337.17'$ $T = 170.10'$ $R = 1,030.00'$ $SE = 08$ $V = 55$ mph
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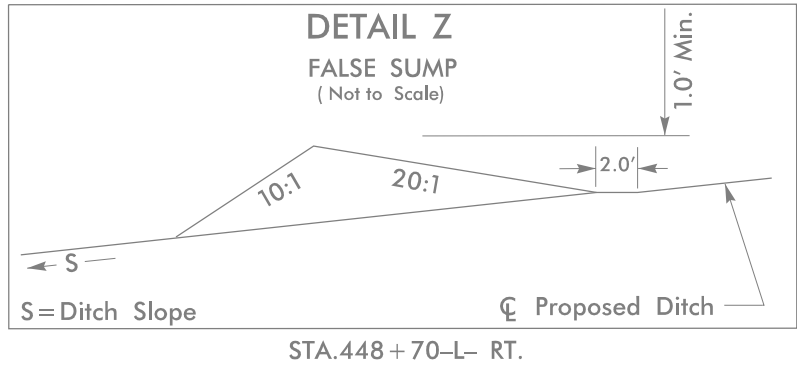
FROM STA.433+93-L- TO STA.439+00-L- LT.
FROM STA.444+50-L- TO STA.446+00-L- RT.



FROM STA.439+50-L- TO STA.441+50-L- RT.
FROM STA.443+50-L- TO STA.444+37-L- RT.

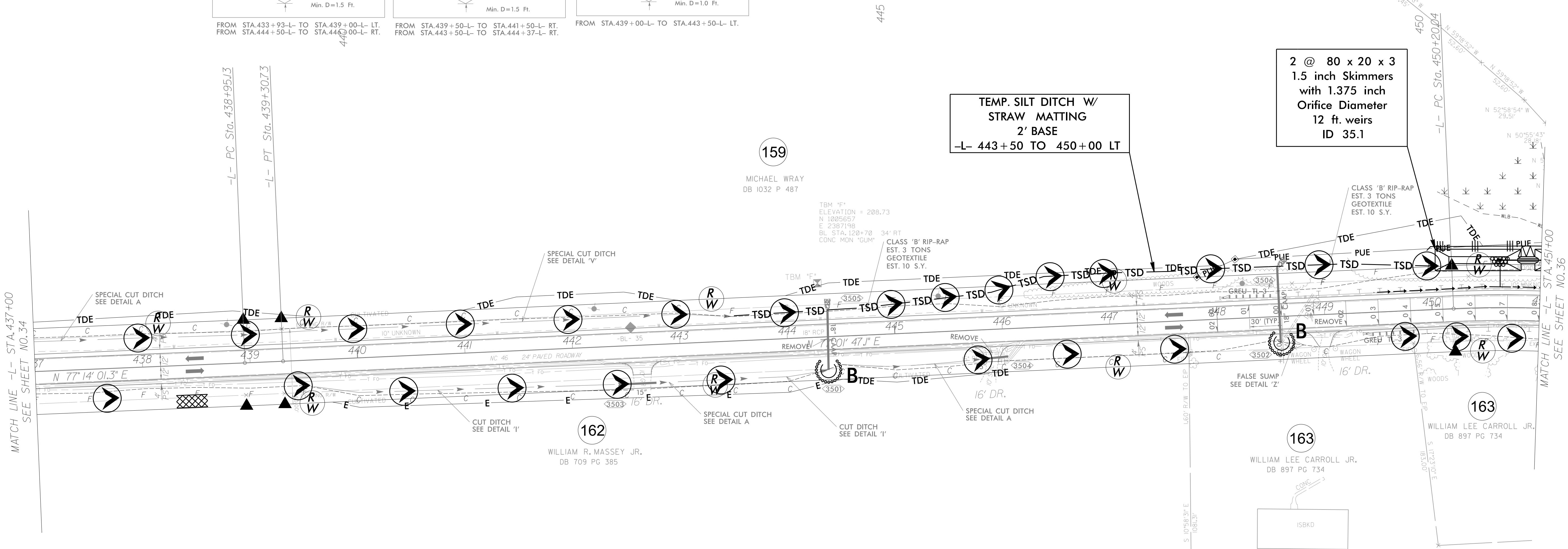


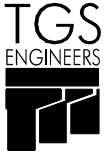
FROM STA.439+00-L- TO STA.443+50-L- LT.



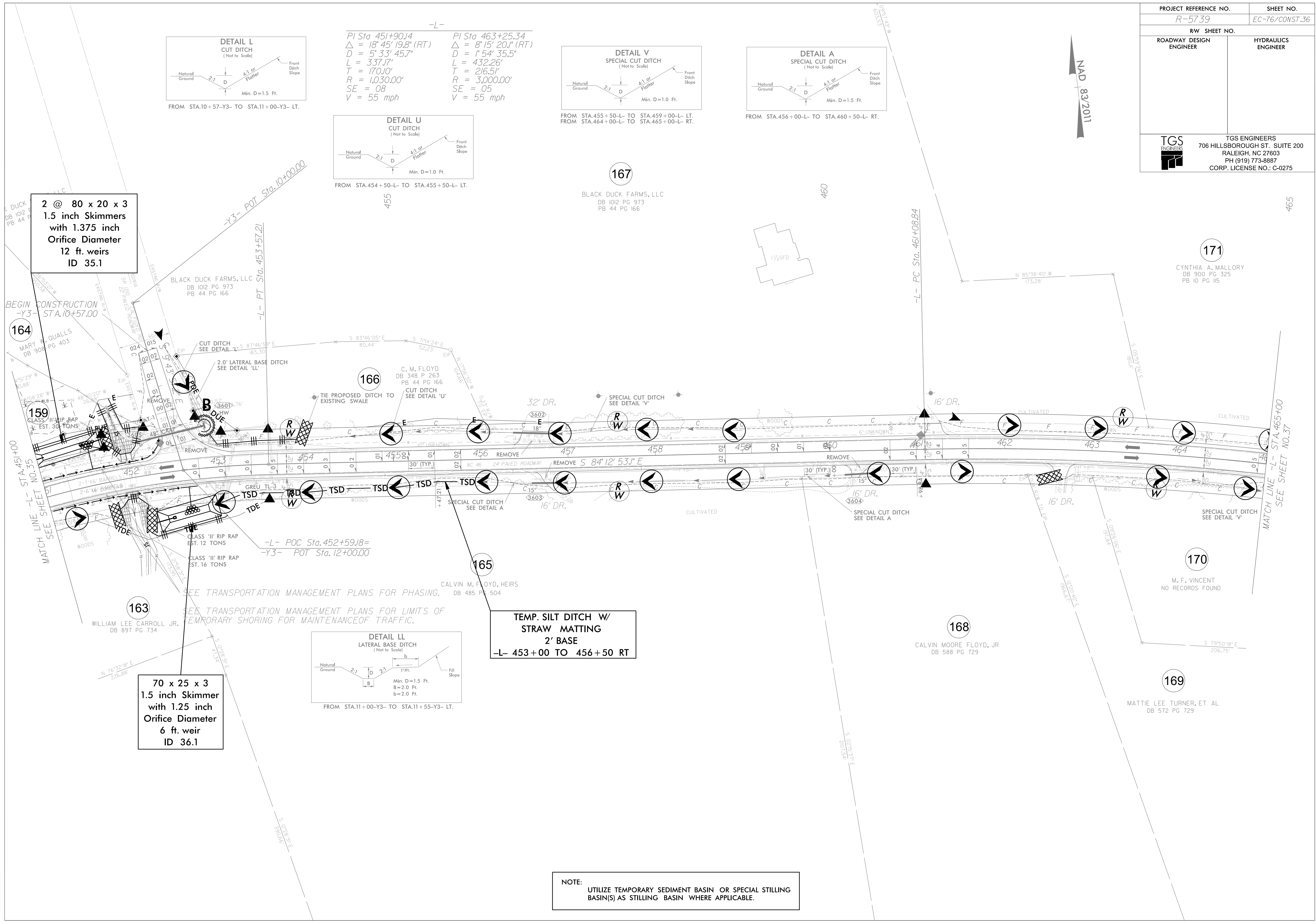
STA.448+70-L- RT.

NAD 83/2011



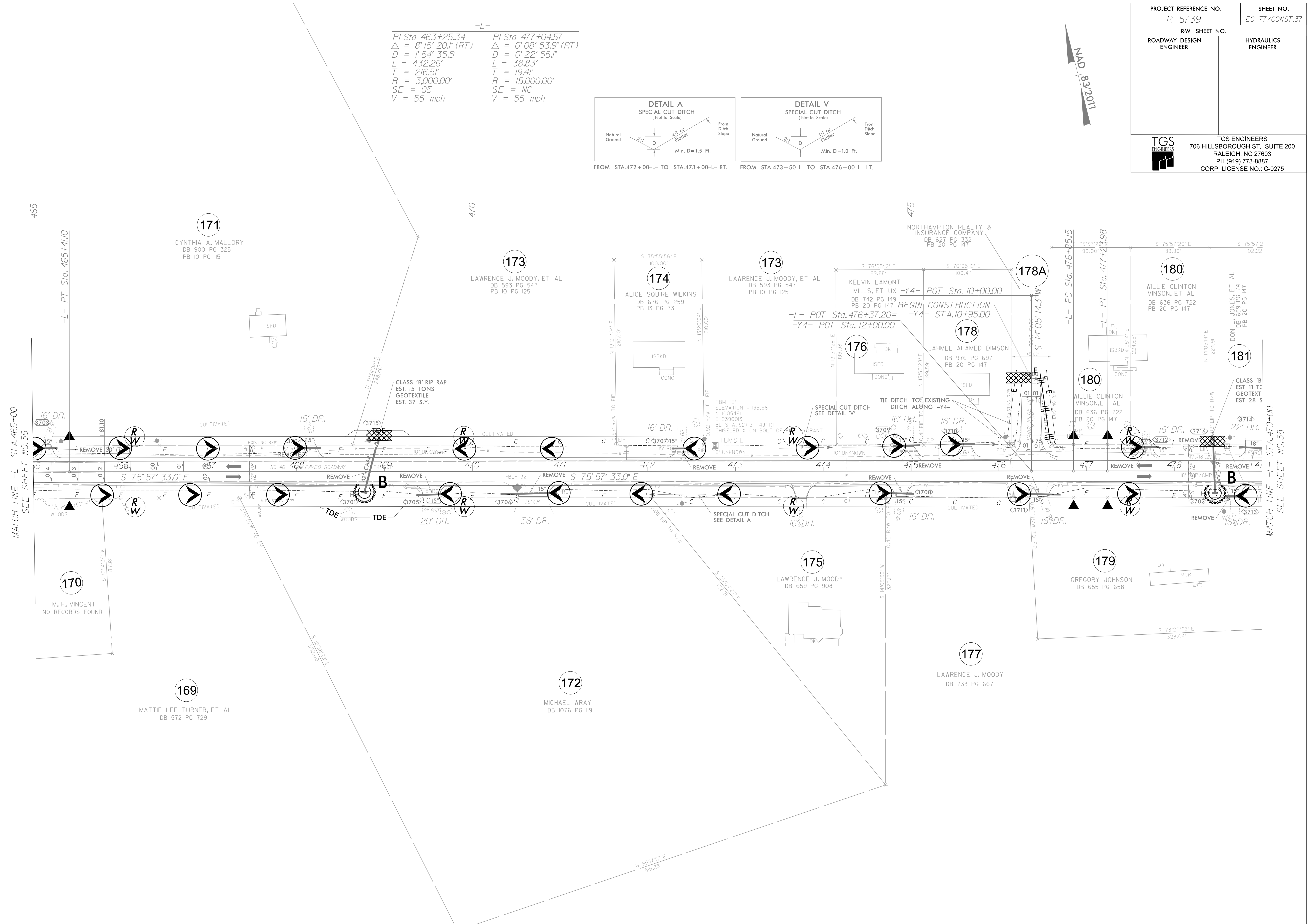
PROJECT REFERENCE NO.		SHEET NO.
R-5739		EC-76/CONST.36
RW SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER
		TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275

NAD 83/2011

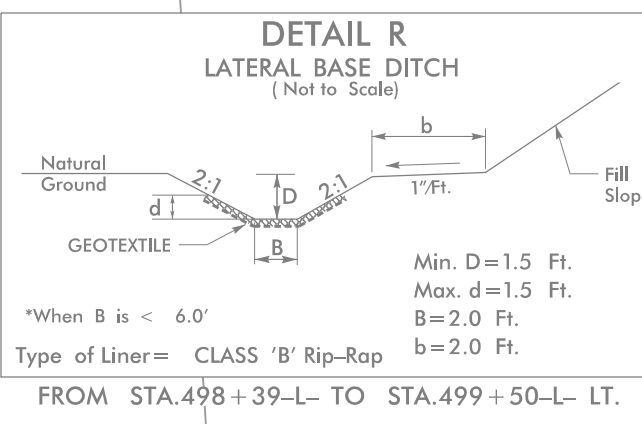
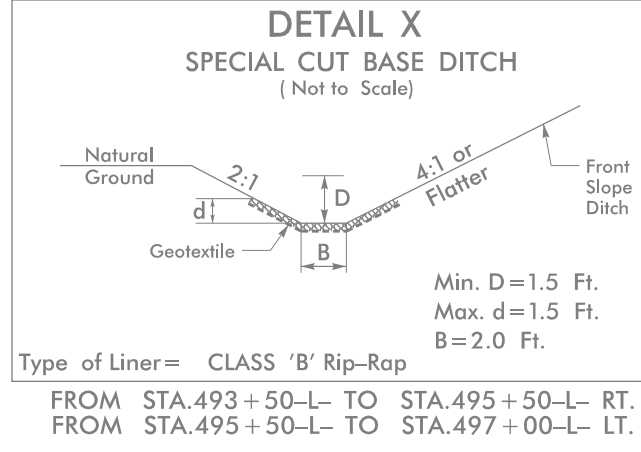
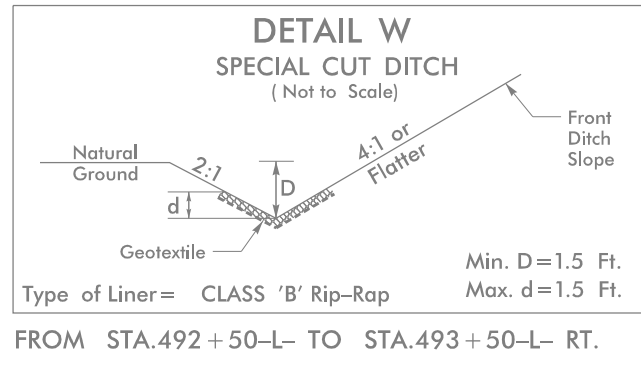


NOTE: UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

PROJECT REFERENCE NO.	SHEET NO.
R-5739	EC-77/CONST.37
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 TGS ENGINEERS 706 HILLSBOROUGH ST. SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	

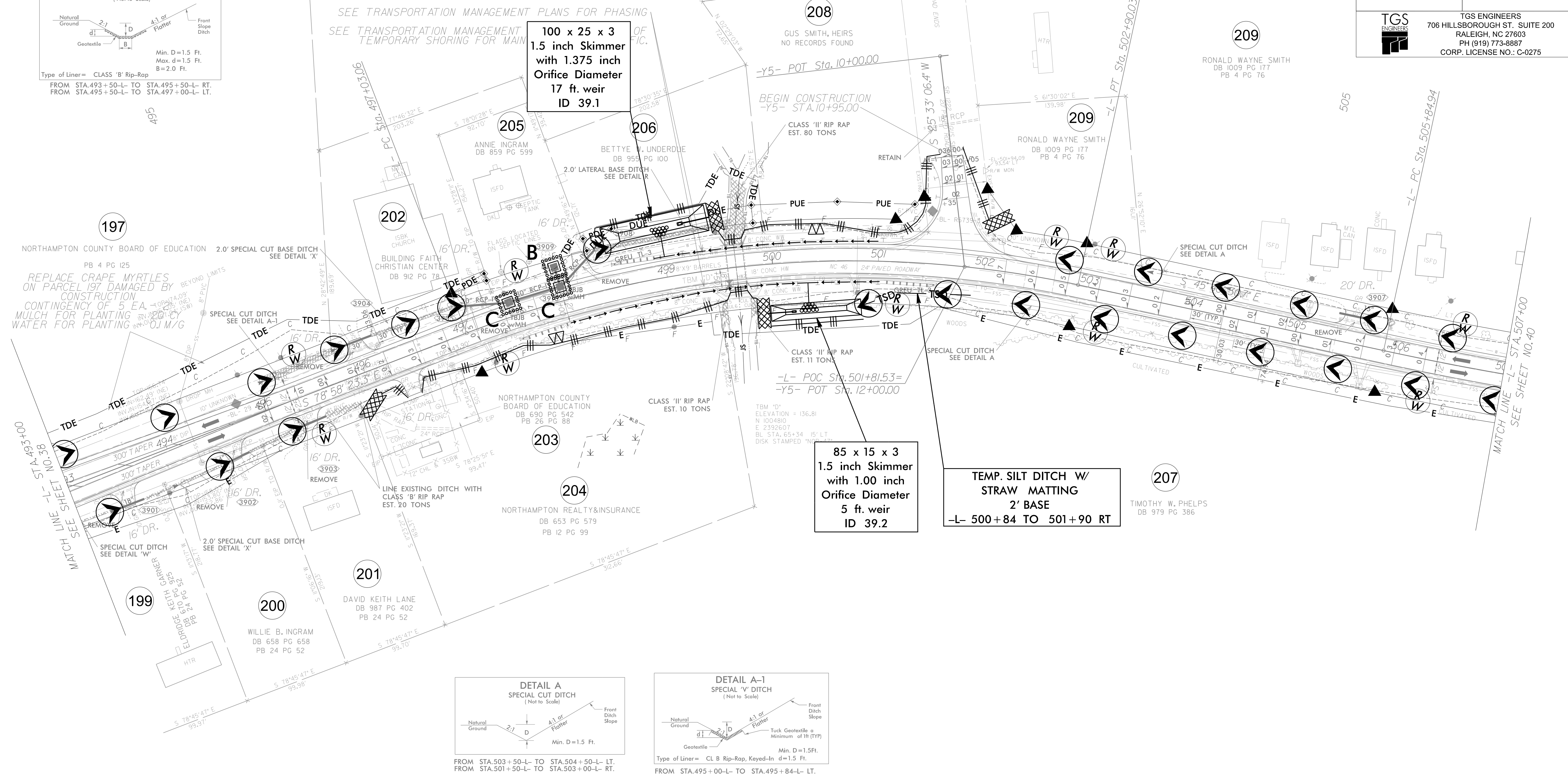


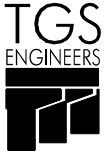
PROJECT REFERENCE NO.	SHEET NO.
R-5739	EC-79/CONST.39
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	

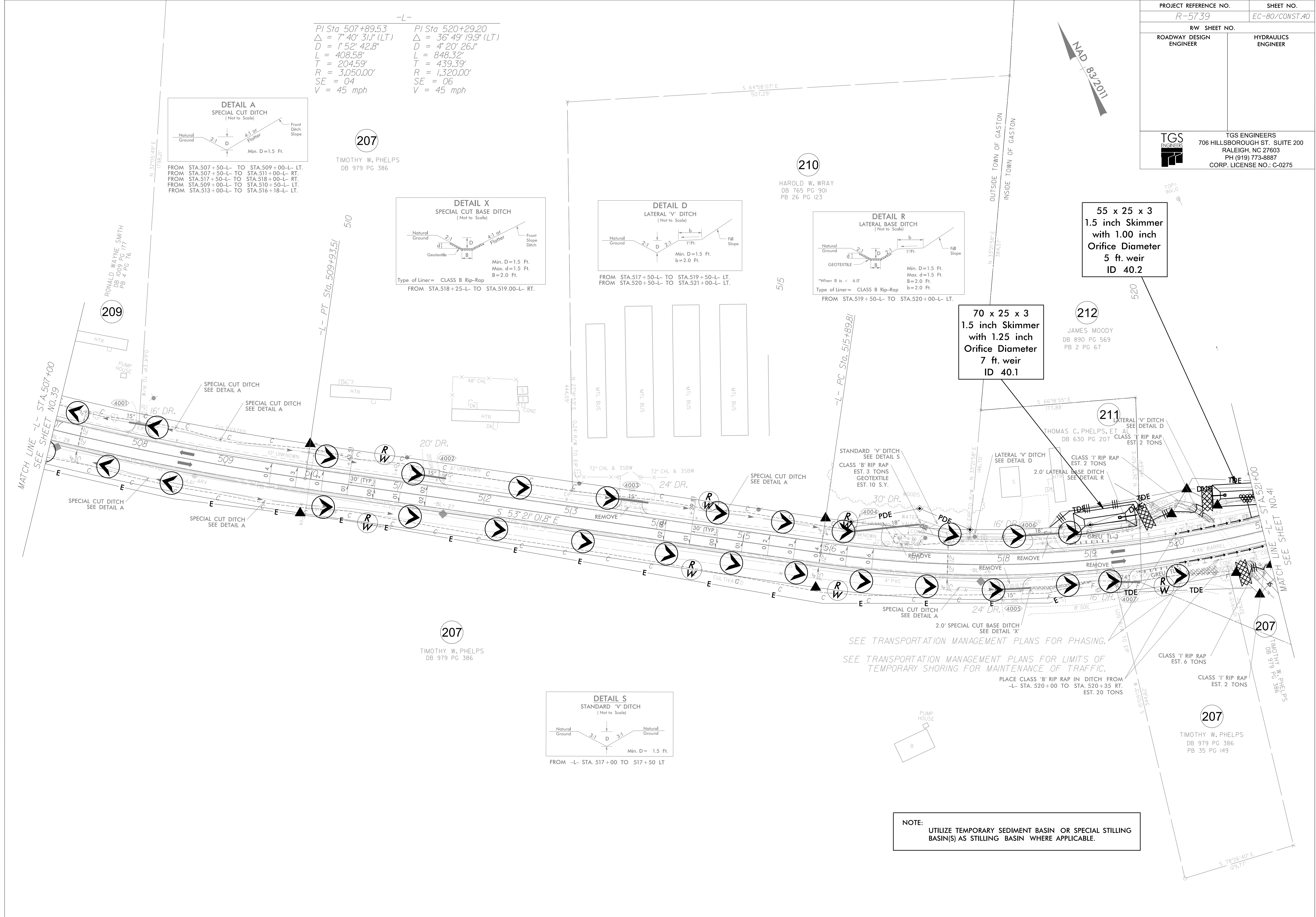


PI Sta 500+05.09
 $\Delta = 33^\circ 17' 52.6''$ (RT)
 $D = 5^\circ 40' 22.3''$
 $L = 586.97'$
 $T = 302.03'$
 $R = 1,010.00'$
 $SE = 07$
 $V = 45$ mph

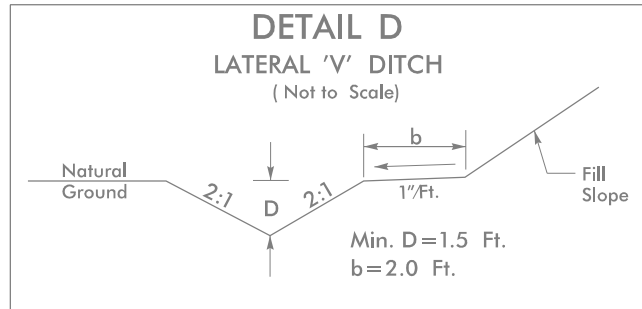
PI Sta 507+89.53
 $\Delta = 7^\circ 40' 31.1''$ (LT)
 $D = 1^\circ 52' 42.8''$
 $L = 408.58'$
 $T = 204.59'$
 $R = 3,050.00'$
 $SE = 04$
 $V = 45$ mph



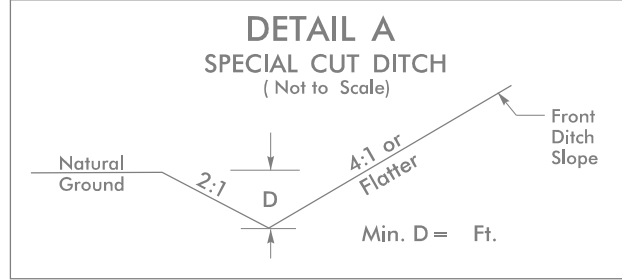
PROJECT REFERENCE NO.		SHEET NO.
R-5739		EC-80/CONST.40
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
		TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275



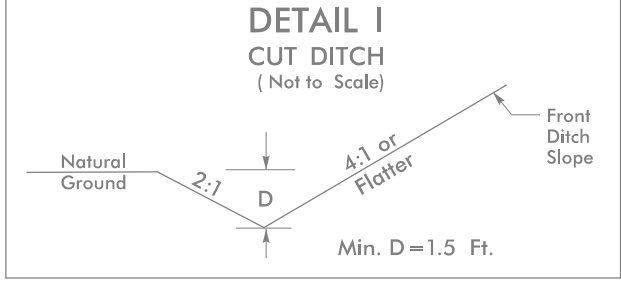
PROJECT REFERENCE NO.		SHEET NO.	
R-5739		EC-82/CONST.42	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
TGS ENGINEERS		TGS ENGINEERS 706 HILLSBOROUGH ST. SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	



FROM STA.540+96-L- TO STA.542+00-L- LT.



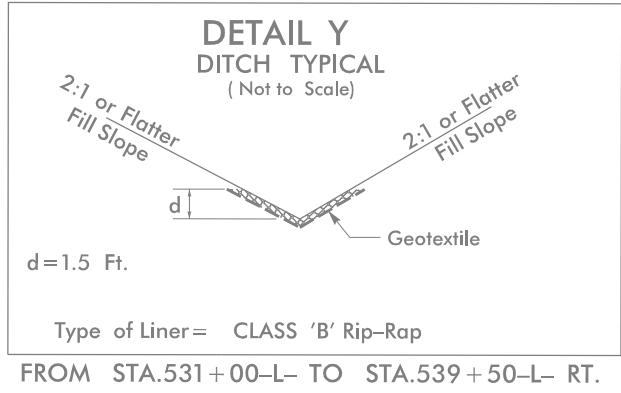
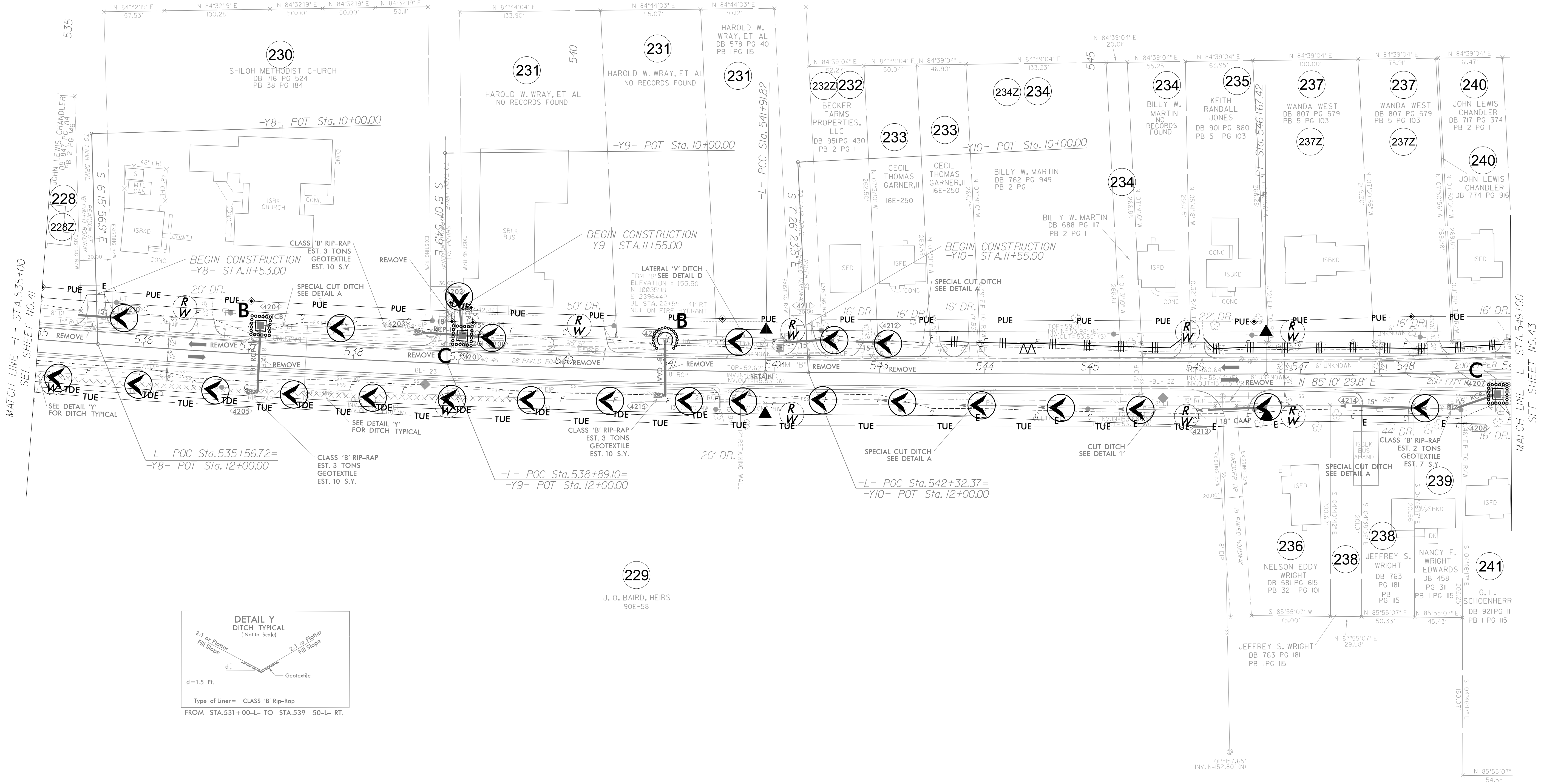
FROM STA.537+09-L- TO STA.539+00-L- LT.
FROM STA.542+00-L- TO STA.543+50-L- LT.
FROM STA.543+00-L- TO STA.544+00-L- RT.
FROM STA.546+00-L- TO STA.548+50-L- RT.



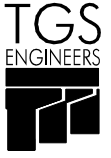
FROM STA.544+00-L- TO STA.546+00-L- RT.

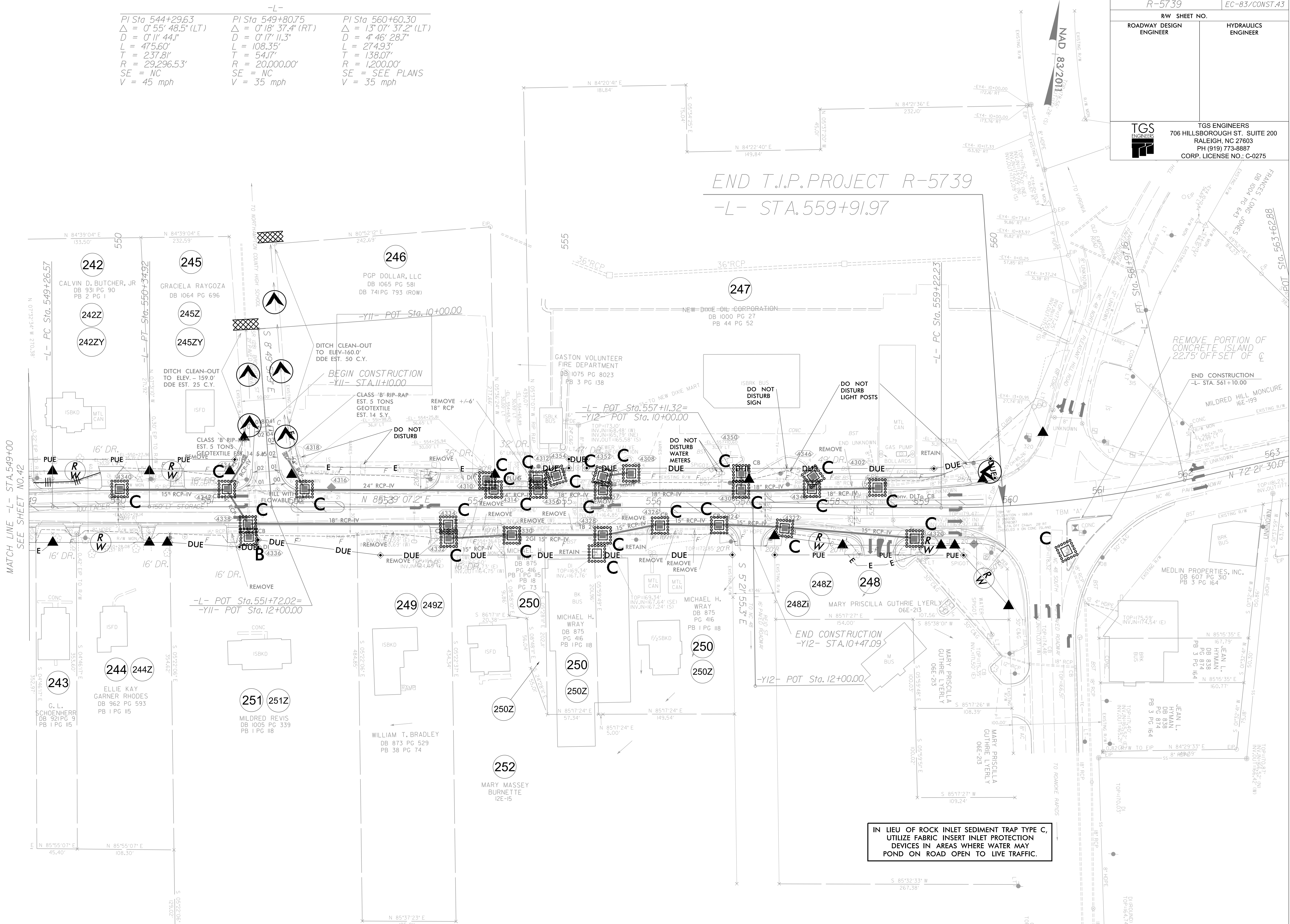
PI Sta 538+41.94
 $\Delta = 3^{\circ} 43' 20.0''$ (LT)
 $D = 0^{\circ} 31' 54.3''$
 $L = 700.00'$
 $T = 350.12'$
 $R = 10,775.00'$
 $SE = NC$
 $V = 45$ mph

PI Sta 544+29.63
 $\Delta = 0^{\circ} 55' 48.5''$ (LT)
 $D = 0^{\circ} 11' 44.1''$
 $L = 475.60'$
 $T = 237.81'$
 $R = 29,296.53'$
 $SE = NC$
 $V = 45$ mph



Type of Liner = CLASS 'B' Rip-Rap
FROM STA.531+00-L- TO STA.539+50-L- RT.

PROJECT REFERENCE NO.		SHEET NO.
R-5739		EC-83/CONST.43
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



IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C,
UTILIZE FABRIC INSERT INLET PROTECTION
DEVICES IN AREAS WHERE WATER MAY
POND ON ROAD OPEN TO LIVE TRAFFIC.