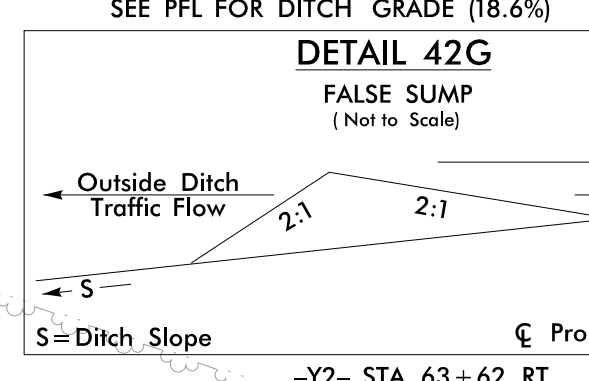
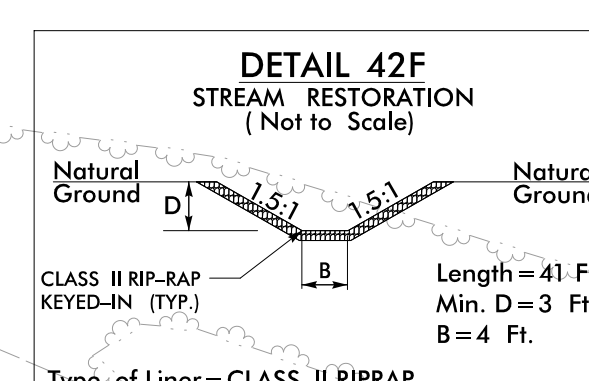
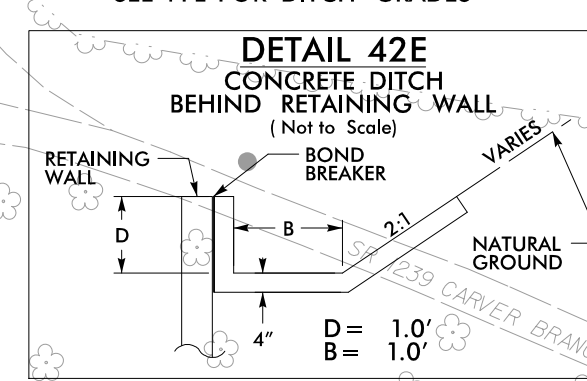
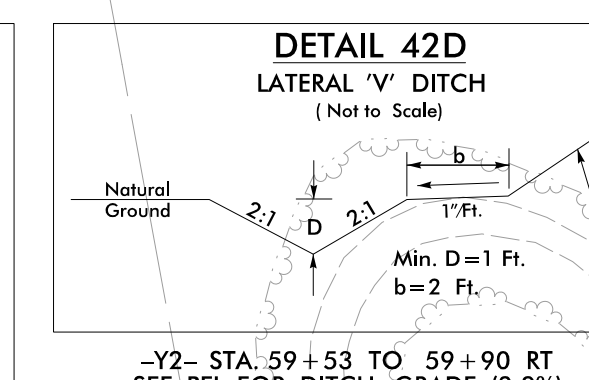
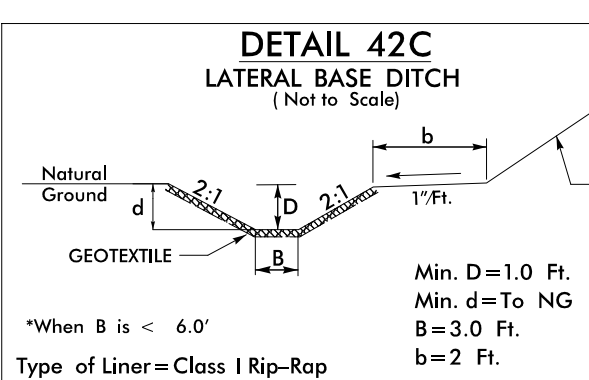
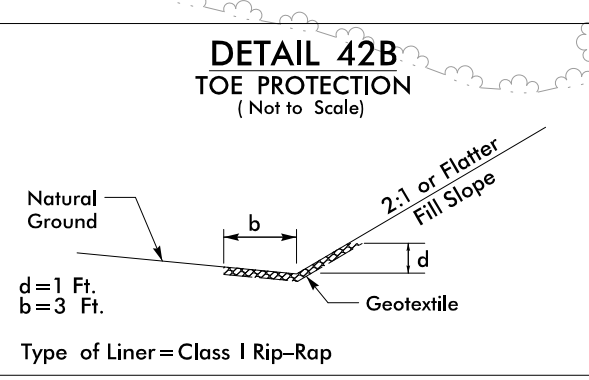
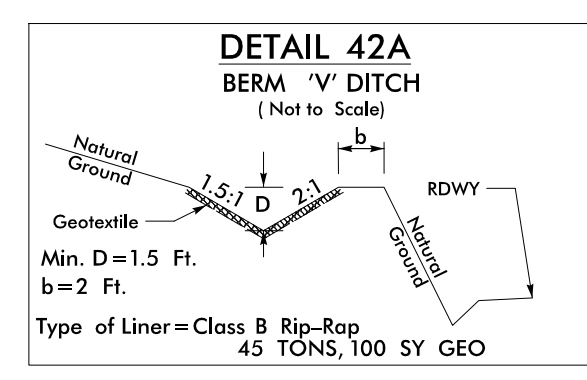


PROJECT REFERENCE NO. A-0009CC		SHEET NO. EC-21/CONST.42	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

TGS ENGINEERS
201 W. MARION ST. STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

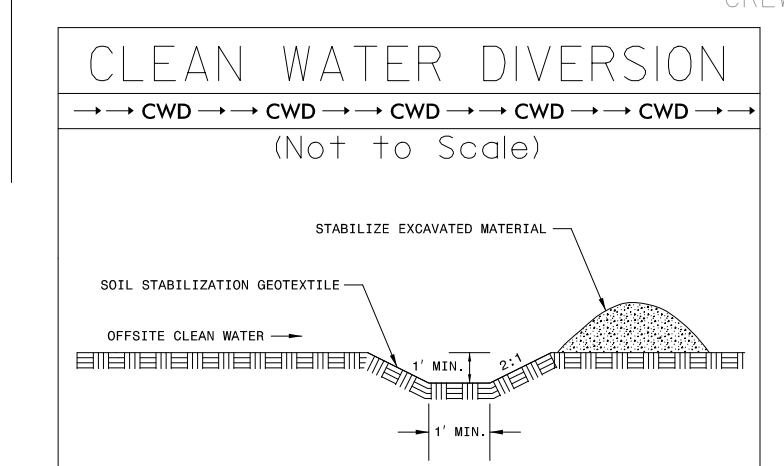
-Y2- CURVE DATA		-DR4- CURVE DATA	
PI Sta 70+28.18	PI Sta 10+77.95	PI Sta 11+22.09	
$\Delta = 50^{\circ} 56' 38.0"$ (RT)	$\Delta = 24^{\circ} 42' 06.2"$ (LT)	$\Delta = 10^{\circ} 28' 29.8"$ (RT)	
$D = 3^{\circ} 53' 51.6"$	$D = 57^{\circ} 17' 44.8"$	$D = 22^{\circ} 55' 05.9"$	
$L = 1,307.03'$	$L = 43.11'$	$L = 45.71'$	
$T = 700.27'$	$T = 21.90'$	$T = 22.92'$	
$R = 1,470.00'$	$R = 100.00'$	$R = 250.00'$	
$SE^2 = 0.08$			
$DS = 60$ MPH			



58 x 18 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
4 ft. weir
ID 42.1

MATCH LINE STA -Y2- 54+00.00
MATCH TO SHEET NO. 41

MATCH LINE STA -Y2- 68+00.00
MATCH TO SHEET NO. 43



CLEAN WATER DIVERSIONS ARE
INDEPENDENT OF OTHER EC DITCH
LINES AND TERMINATE INTO A SC-A.

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.

