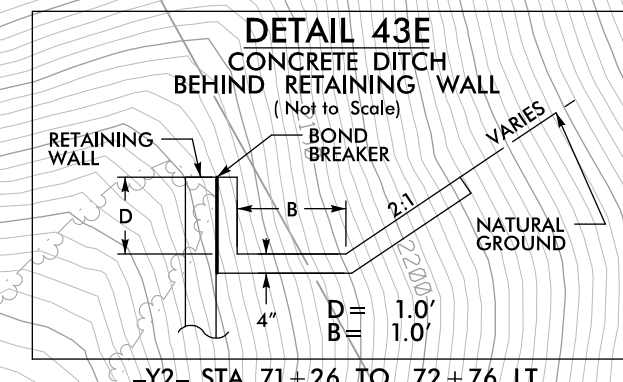
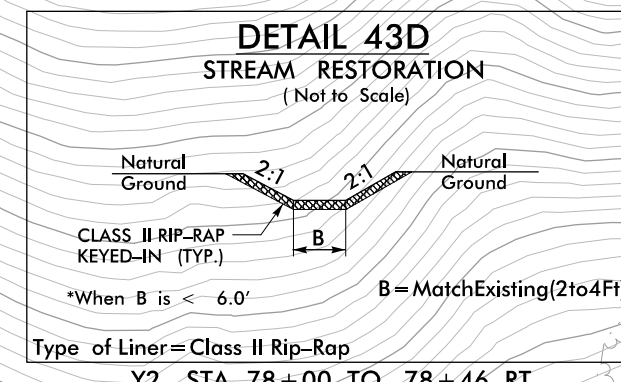
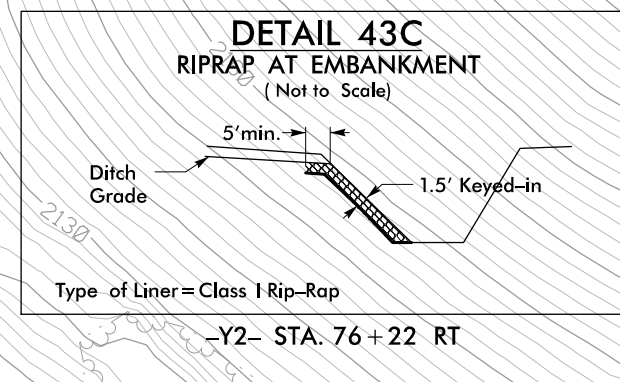
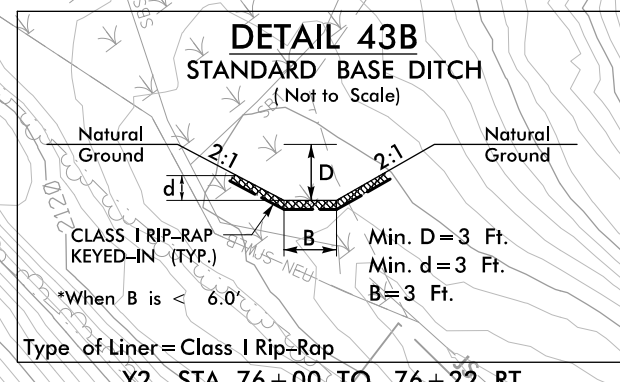
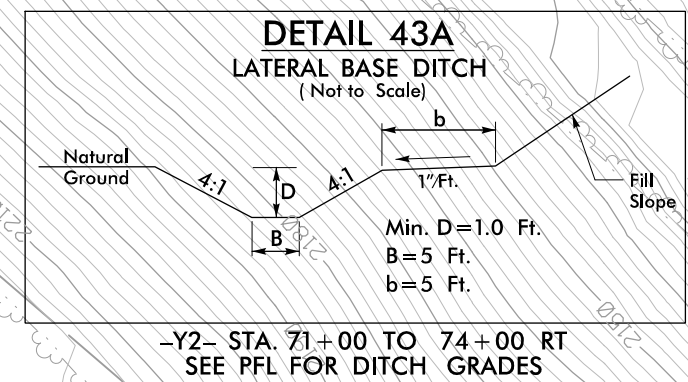


**Y2- CURVE DATA**

PI Sta 70+28.18	PI Sta 83+84.46
$\Delta = 50^\circ 56' 38.9''$ (RT)	$\Delta = 52^\circ 00' 01.9''$ (LT)
$D = 3' 53' 51.6''$	$D = 5' 24' 18.9''$
$L = 1,307.03'$	$L = 962.04'$
$T = 709.27'$	$T = 517.00'$
$R = 1,470.00'$	$R = 1,060.00'$
$SE = 0.08$	$SE = 0.08$
$DS = 60$ MPH	$DS = 55$ MPH



**64 x 12 x 3**  
ID 43.2

**Modified Silt Basin**  
Type 'B'  
72 x 14 x 3  
4 ft. weir  
(See Tiered Skimmer Basin Detail)  
ID 43.1

**32 x 22 x 3**  
1.5 inch Skimmer  
with 0.625 inch  
Orifice Diameter  
4 ft. weir  
ID 43.3

**72 x 14 x 3**  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer Basin Detail)  
ID 43.1

**Modified Silt Basin**  
Type 'B'  
75 x 15 x 3  
7 ft. weir  
(See Tiered Skimmer Basin Detail)  
ID 43.4

**75 x 15 x 3**  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
7 ft. weir  
(See Tiered Skimmer Basin Detail)  
ID 43.4

**DETAIL 43F**  
FALSE SUMP  
(Not to Scale)

0.5' Min.  
1.0' Max.

Outside Ditch Traffic Flow

S=Ditch Slope

-Y2- STA. 74+13 LT  
-Y2- STA. 74+15 RT

**DETAIL 43G**  
FLOODPLAIN BENCH  
(Not to Scale)

D=1 Ft.

Type of Liner=Coir Fiber Matting

-Y2- STA. 76+25 TO 80+10 RT

**CLEAN WATER DIVERSION**  
(Not to Scale)

SOIL STABILIZATION GEOTEXTILE  
STABILIZED EXCAVATED MATERIAL  
OFFSETS CLEAN WATER

PROJECT REFERENCE NO. A-0009CC	SHEET NO. EC-12/CONST.43
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>TGS ENGINEERS</b> 201 W. MARION ST-STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

MINIMIZE CLEARING AND GRUBBING

SAFETY FENCE

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 43

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

ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

MATCH LINE STA -Y2- 82+00.00  
MATCH TO SHEET NO. 44