

PROJECT REFERENCE NO. W-5704E	SHEET NO. EC-7/CONST.7
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

**TGS ENGINEERS**  
706 HILLSBOROUGH STREET  
SUITE 200  
RALEIGH, NC 27603  
PH (919) 773-8887  
CORP. LICENSE NO.: C-0275

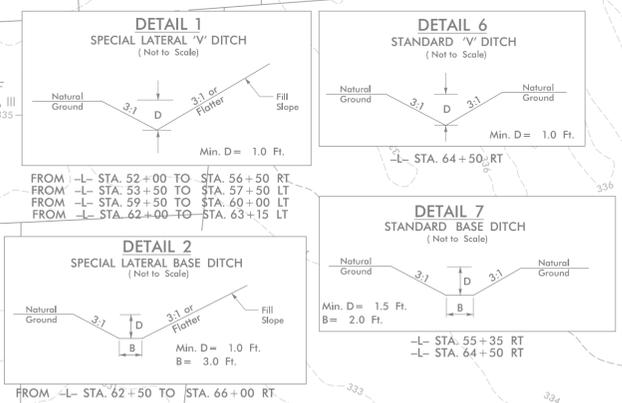
**-L- CURVE DATA**

PI Sta 55+48.36 Δ = 12° 51' 54.2" (RT) D = 4' 16" 32.9" L = 300.88' T = 151.08' R = 1,340.00' SE = 04 DS = 50 MPH	PI Sta 62+56.27 Δ = 5° 05' 30.7" (RT) D = 0' 57" 58.3" L = 527.00' T = 263.67' R = 5,930.00' SE = NC DS = 45 MPH
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**-Y6- CURVE DATA**

PI Sta 13+89.30 Δ = 8° 17' 57.9" (LT) D = 28' 38" 52.4" L = 28.97' T = 14.51' R = 200.00'	PI Sta 16+25.51 Δ = 5° 38' 27.1" (LT) D = 28' 38" 52.4" L = 19.69' T = 9.85' R = 200.00'
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85 x 25 x 3  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
10 ft. weir  
ID 7.1

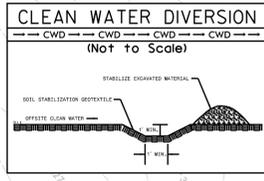


EXCAVATE PROPOSED DITCH  
ACCORDING TO DETAIL 1  
DURING CLEARING AND GRUBBING  
FROM -L- STA. 62+50 TO STA. 63+10 LT

EXCAVATE PROPOSED DITCH  
ACCORDING TO DETAIL 2  
DURING CLEARING AND GRUBBING  
FROM -L- STA. 62+50 TO STA. 65+50 RT

1.5 inch Skimmer  
with 0.625 inch  
Orifice Diameter  
8 ft. weir with  
2.25 ft. weir height  
ID 7.2  
(See Earthen Dam  
with Skimmer Detail)

EXCAVATE PROPOSED DITCH  
ACCORDING TO DETAIL 7  
DURING CLEARING AND GRUBBING



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 7