PROJECT REFERENCE NO.	SHEET NO.
R-4753	EC-28/CONST.10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DETAIL 48
STANDARD BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, 2:1, Natural Ground, Geotextile, B
Min. D = 2 Ft.
Max. d = 1.5 Ft.
B = 2 Ft.
Type of Liner = Class B Rip-Rap

STA. 100+50 RT. (Pipe Outlet)
5 Ton Class B Rip-Rap
14 SY Geotextile
15 Cu. Ft. DDE

DETAIL 8
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1, D, 4:1 or Flatter, Front Ditch Slope
Min. D = 1.5 Ft.

FROM STA. 100+50 LT. TO STA. 101+50 LT.

DETAIL 33
STANDARD BASE DITCH
(Not to Scale)

Natural Ground, 2:1, d, D, 2:1, Natural Ground, Geotextile, B
Min. D = 3.5 Ft.
Max. d = 1.5 Ft.
B = 3.5 Ft.
Type of Liner = Class I Rip-Rap

STA. 105+54 RT. (42" Pipe Outlet)
20 Ton Class I Rip-Rap
39 SY Geotextile
15 Cu. Ft. DDE

Place Matting for Erosion Control on All Slopes as Work Allows.

NAD 83/NSRS 2007

-L- STA. 99+22.00 MATCH TO SHEET 9

-L- STA. 113+22.00 MATCH TO SHEET 11

MALCOM M. HOOPER, JR. AND WIFE, MICHELLE C. HOOPER DB 1445 PG 40

JOHNNY M. CABLE AND WIFE, JOYCE A. CABLE DB 1437 PG 392

HERREN PROPERTIES, INC. DB 1212 PG 793

JOHNNY M. CABLE AND WIFE, JOYCE A. CABLE DB 680 PG 698 (33)

DONALD N. SMITH, JR. AND WIFE, JUNE TODD SMITH DB 694 PG 697 (34)

DANNY R. CARVER AND WIFE, RITA F. CARVER DB 698 PG 642 (35)

JOHN M. CLARK DB 854 PG 747 DB 744 PG 289 (32)

BL-23 110+44.62 PINC

BY6-55 8+06.94 POT

BL-24 117+57.02 PINC

REMOVE EXISTING GUARDRAIL

SPECIAL DETAIL REQUIRED Special TB JB w/Slab Lid

Proposed Outlet Channel Use Detail '33'

Pipe Outlet Channel Use Detail '48'

SPECIAL CUT 'V' DITCH USE DETAIL '8'

OTCB INTO EXISTING 18" CMP

PIPE SYSTEM NOT LOCATED DRAWN IN AS PER OWNER

TUCKASEGEE RIVER

44 x 14 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
5 ft. weir
ID 10.1 CG

Note: All Driveway Radii are 20' Unless Otherwise Noted
Note: All Proposed Guardrail to Use Weathered Steel Unless Otherwise Noted

SEE SHEET 22 FOR -L- PROFILE

5/14/99

12-SEP-2016 13:35
R:\Environmental\Hydraulics\R-4753_EC_psh10.dgn
$$$$USERNAME$$$$ $$$$REVDATE$$$$