PROJECT REFERENCE NO.	SHEET NO.
R-2514D	EC-50/CONST.22
R/W SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	

LEVEL III CERTIFIED BY:
STACEY H. BAILEY, PE
CERTIFICATION NUMBER: 3074
ISSUED: FEBRUARY 2, 2015

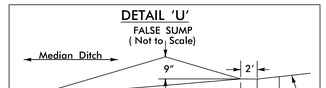
FINAL EROSION CONTROL
FOR CONSTRUCTION SHEET 22

NAD 83/NSRS 2007

8/17/99

REVISIONS

DETAIL 'U'
FALSE SUMP
(Not to Scale)



S = Ditch Slope ℄ Proposed Ditch

Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

80
PROGRESS ENERGY
FORMERLY CAROLINA POWER & LIGHT COMPANY
(RHEMS 230 KV SUBSTATION)

82
RUTH S. MORTON

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 548+00 to Sta. 557+00 –L–

-BL- 66 PINC 266+88.67

-L- PC Sta. 544+64.73

ELECTRIC BOX

BM #28
SEE SHEET I-F
ELEV. 39.62'

CATHODIC PROTECTION

-BL- 65 PINC 259+35.51

100' CP&L POWERLINE EASEMENT

MATCHLINE –L– STA. 544+00.00 SEE SHEET 21

MATCHLINE –L– STA. 557+00.00 SEE SHEET 23

CFW

10' PS

4' PS

24'

MED

46

545

550

555

560

565

566

18" RCP-IV

36" RCP

15" RCP-IV

2208

2204

2206

2205

2203

2209

2207

CAT-1 8:1

12' PS

GRAU 350

CL 'B' RIP RAP
EST. 2 TONS
EST. 7 SY. GEOTEXTILE

BEGIN SBG
–L– 553+15

BEGIN SBG @
STA. 553+15 LT. –L–

4" CHL & 3SBW

POWER SUBSTATION

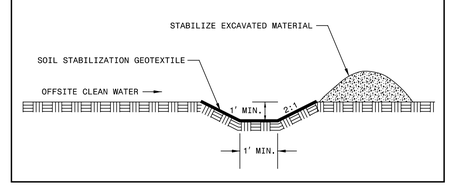
EOM

81
JACKIE W. MIRAYA

83

NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.
NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN R/W OR EASEMENT.

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



SBG – "SHOULDER BERM GUTTER"

SEE SHEET 41 FOR –L– PROFILE

$$$$$$SYSTIME$$$$$$
R:\Roadway Design Control\CADD\R2514D_hydl_finel_psh_(22)50.dgn
DGN ENGINEERING, INC.