PROJECT REFERENCE NO.	SHEET NO.
W-5512	EC-19/CONST.06
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

50' 0' 50'
ENGLISH

-L-
PI Sta 62+83.16
Δ = 34° 55' 46.1" (RT)
D = 4° 46' 28.7"
L = 731.56'
T = 377.55'
R = 1,200.00'
R.O. = 220'
SE = 0.08

NAD 83

MATCH LINE -L- STA 51+00 SEE SHEET 5

MATCH LINE -L- STA 64+00 SEE SHEET 7

-L- STA.53+52.50 END RESURFACING AND WIDENING
BEGIN WEDGING AND WIDENING

3
KATHERINE McGEACHY
DB 4789 PG 243

5
WASTE MANAGEMENT OF THE CAROLINAS, INC
DB 5585 PG 359

KATHERINE McGEACHY
DB 4789 PG 243

CAPE FEAR INDUSTRIES
DB 2981 PG 227

CUMBERLAND COUNTY
DB 2927 PG 153
PB 116 PG 196

MCCUNE TECHNOLOGY, INC
DB 4676 PG 712
PB 77 PG 16

-L- POC Sta.60+45.74 =
-Y1- POT Sta.13+22.29

-L- POC Sta.60+47.75 =
-Y2- POT Sta.10+00.00

POT Sta. 10+00.00

-Y1- POT Sta.10+14.80
BEGIN CONSTRUCTION

-Y2- POT Sta.10+82.00
END CONSTRUCTION

POT Sta. 12+15.88

PC Sta. 59+05.62

530' FULL LANE

24" BST TOM STARLING RD SR 2220

S 86° 58' 01.0" E

S 36° 54' 05.3" W

S 21° 50' 49.2" W

REMOVE
INV=97.47
INV=97.47
18" RCP-IV
18" RCP-IV
INV=97.67
INV=97.67

606 604 605 603 602 601

TIE PROPOSED FILL SLOPE TO TOP OF HW

+75.00 -L- EX. R/W

+75.00 -Y1- 35.00' RT & EX. R/W

+15.00 -Y1- EX. R/W

+30.00 -Y1- 43.40' RT

+75.00 -Y1- 35.00' LT & EX. R/W

+95.00 -Y1- EX. R/W

+30.00 -Y1- 50.18' LT

+50.00 -L- EX. R/W

GRADE TO DRAIN

DETAIL A
PROPOSED SPECIAL CUT DITCH

TIE TO EXISTING DITCH

COLLAR AND EXTEND
18" RCP-III
INV=97.50'

DETAIL A
PROPOSED SPECIAL CUT DITCH

GRADE TO DRAIN

RETAIN

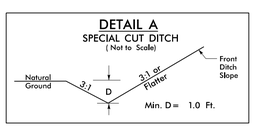
GRAU-350

27.5' INC.

TAPER

EXISTING R/W

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



FROM STA. 56+00 TO STA. 57+50 -L- RT
FROM STA. 61+00 TO STA. 62+50 -L- RT

*NOTE: RESURFACING TO BEGIN -L- STA.46+15 (SEE T.S.NO.1 SHEET 2)

NOTE:
SEE SHEETS 17 & 18 FOR -L- PROFILE
SEE SHEET 23 FOR -Y1- & -Y2- PROFILE

REVISIONS

8/17/99

SYSTEM ELEVATIONS ARE NAVD 88