PROJECT REFERENCE NO.	SHEET NO.
R-2206C	17
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 15356 ENGINEER RONALD DAVID ALLEN — 9-2-04

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 14160 ENGINEER DOUGLAS BRYAN SAUNDERS — 9/30/04

METRIC 5 0 10

CONST.REV.

R /W REV.

REVISIONS

8/17/99

MATCHLINE -L- STA. 221+40.000 SEE SHEET 16

MATCHLINE -L- STA. 224+60.000 SEE SHEET 18

THOMAS R. HOLZHAUSER
DB 749 PG 285

39
ELLEN H. SHUFORD
DB 336 PG 671

40
JANICE E. ROBINSON
DB 504 PG 47

41
GLENDA G. BARNES
DB 579 PG 161

42
LAWERENCE S. PERSKY
DB 770 PG 97
NO CLAIM

905
MARTIN MARIETTA TECH., INC.
DB 841 PG 636

KILLIAN CREEK

NAD 83

225.902
S44°44'44"E

160.246
N13°59'08"E

30.576
N85°30'23"W

+01.403 (PROP. LINE)
50.443m
(263.92ft)

+86.202 (PROP. LINE)
63.256m
(207.54ft)

23.044
S88°21'54"E

1000 mm Dia.

+09.435 (PROP. LINE)
60.000m
(196.85ft)

+45.000
50.000m
(164.04ft)

+40.000
50.000m
(164.04ft)

+48.597 (PROP. LINE)
50.000m
(164.04ft)

+48.345
(PROP. LINE)
44.289m
(145.30ft)

81.649
N52°38'07"E

185.624
S84°39'31"E

47.092
S28°59'51"W

229.832
S41°48'08"E

PROP. ROCK EMBANKMENT (SEE DETAIL SHEET 2-R)

PROPOSED W. W. FENCE

END FUTURE SHLDR.
BERM GUTTER
222+72

BEGIN PROP.
W.W. FENCE

BEG. FUTURE SHLDR.
BERM GUTTER
223+35

END FUTURE SHLDR.
BERM GUTTER
223+90

END PROP.
W.W. FENCE

BEG. FUTURE SHLDR.
BERM GUTTER
222+68

100 2GI 375 2GI

101 375

102 2GI

103 2GI 450

104 2GI 450

105 2GI FUTURE GUARDRAIL

106 2GI FUTURE GUARDRAIL

107 375

108 2GI TYPE 'D'

109 2GI TYPE 'A'

110 2GI TYPE 'A'

FALSE SUMP (SEE SHEET 2-I)

FUTURE PAVEMENT

N 39° 53' 22.3" W

222

223

224

-L-

750

900

1.2m P.S.

0.6m P.S.

7.2m

0.2

18.0m

-BL- 334
-L- STA. 222+01.907
7.538 (RT)

-BL- 333
-L- STA. 221+57.781
6.848 (RT)

-BL- 335
-L- STA. 222+47.884
6.907 (RT)

-BL- 336
-L- STA. 223+32.566
6.292 (RT)

-BL- 337
-L- STA. 224+14.422
5.243 (RT)

FUTURE GUARDRAIL

400 CSP w/ 2 ELBOWS

END PROP. W.W. FENCE
600 CSP W/ 2 ELBOWS

BEGIN PROP. W.W. FENCE

END FUTURE SHLDR.
BERM GUTTER
222+72

BEG. FUTURE SHLDR.
BERM GUTTER
223+35

END FUTURE SHLDR.
BERM GUTTER
223+62

+52.654
(PROP. LINE)
50.000m
(164.04ft)

185.839
S34°30'03"E
(COR TO CL)

238.476
S28°59'37"W

1.2m BASE DITCH
EST. DDE=56
(SEE DETAIL 10c)

1.2m LAT. BASE DITCH
W/CL 'I' RIP RAP
EST. 116 MTONS
FILTER FABRIC
EST. 183 SM
EST. DDE = 138 CM
(SEE DETAIL 7b)

RIP RAP @ EMBANKMENT
CL 'I' RIP RAP
EST. 12 MTONS
(SEE DETAIL 12)

0.6m LAT. BASE DITCH
W/CL 'B' RIP RAP
EST. 35 MTONS
FILTER FABRIC
EST. 84 SM
EST. DDE = 6.203
(SEE DETAIL 23)

100m R/W
(328.08ft R/W)

KILLIAN CREEK

SEE SHEETS S-132 THRU S-198
FOR STRUCTURE PLANS

SEE SHEET 58 FOR -L- PROFILE
SEE CROSS SECTIONS AND ROADWAY STANDARD DRAWINGS, STD. 862.01, SHEET 2 FOR SPECIAL MEDIAN GRADING.

DETAIL SHOWING BRIDGE /ROADWAY RELATIONSHIP

BEGIN APPR. SLAB
-L- STA. 222+72.185

10.8m CLEAR ROADWAY

2.4m

END APPR. SLAB
-L- STA. 223+35.515

TYPE-III

BEGIN BRIDGE
-L- STA. 222+79.500

END BRIDGE
-L- STA. 223+28.200

1.2m

18.0m

223

ROADWAY CLEAR 10.8m

17-SEP-2004 psh17
RD212306
REODell rd-09oce34