BM#4 EL 5.633
NAIL IN PP NCR54
72.844m RT. -L- STA. 178+14.447

GREENHORNE & O'MARA, INC.
5565 CENTERVIEW DRIVE, SUITE 107
RALEIGH, NORTH CAROLINA 27606
(919) 851-1919

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2539C	32

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18501 ENGINEER DONNA C. KEENER
9-29-04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 24451 ENGINEER STACEY H. BAILEY
9/29/04

CONST.REV.

R/W REV.

VPT NVPC 175+09.000 EL 6.460
VPT NVPC 175+55.000 EL 6.112
-L- STA 175+60 EL 5.398 BEGIN DITCH LT
VPC 175+75.000 EL 6.052
VPT NVPC 176+25.000 EL 6.052
VPT NVPC 176+75.000 EL 6.052
VPT NVPC 177+25.000 EL 6.052
VPT NVPC 177+75.000 EL 6.052

PROP GRADE LINE

EXIST GROUND LINE

SPECIAL CUT DITCH (LT)

SPECIAL CUT DITCH (RT)

PI = 174+80.000
EL = 5.732
L = 50.000
K = 139
DS = 120+ KM/H

PI = 175+30.000
EL = 6.187
L = 50.000
K = 63
DS = 120+ KM/H

PI = 176+00.000
EL = 5.977
L = 50.000
K = 83
DS = 120+ KM/H

PI = 176+50.000
EL = 6.127
L = 50.000
K = 83
DS = 110+ KM/H

PI = 177+00.000
EL = 5.977
L = 50.000
K = 83
DS = 120+ KM/H

PI = 177+50.000
EL = 6.127
L = 50.000
K = 83
DS = 110+ KM/H

PI = 178+00.000
EL = 5.977
L = 50.000
K = 83
DS = 120+ KM/H

-L- STA 177+50 EL 3.987 END DITCH RT

SEE SHEET NO. 10 FOR -L- PLAN.

174+60 175+00 176+00 177+00 178+00 178+20

BM#4 EL 5.633
NAIL IN PP NCR54
72.844m RT. -L- STA. 178+14.447

VPT NVPC 178+25.000 EL 6.052
VPT NVPC 178+75.000 EL 6.052
VPT NVPC 179+25.000 EL 6.052
VPT NVPC 179+75.000 EL 6.005
VPC 181+25.000 EL 5.340
VPT NVPC 181+75.000 EL 5.302

PROP GRADE LINE

EXIST GROUND LINE

SPECIAL CUT DITCH (LT)

SPECIAL CUT DITCH (RT)

PI = 178+50.000
EL = 6.127
L = 50.000
K = 83
DS = 110+ KM/H

PI = 179+00.000
EL = 5.977
L = 50.000
K = 83
DS = 120+ KM/H

PI = 179+50.000
EL = 6.127
L = 50.000
K = 67
DS = 100+ KM/H

PI = 181+50.000
EL = 5.227
L = 50.000
K = 67
DS = 120+ KM/H

-L- STA 178+82 EL 3.412 BEGIN DITCH RT

-L- STA 179+00 EL 3.700 END DITCH RT

-L- STA 179+70 EL 5.509 BEGIN DITCH RT

-L- STA 180+80 EL 4.368 END DITCH RT

-L- STA 181+65 EL 3.304 BEGIN DITCH RT

SEE SHEET NO. 11 FOR -L- PLAN.

178+20 179+00 180+00 181+00 181+80