| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-513C | EC-81/CONST.33 |
| R/W SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

METRIC 0 10

CONST.REV.

R/W REV.

NAD 83

6 x 3 x 1
1.5 weir

31
LINDA B. ALPHIN AND
TERESA B. JOHNSON
DB 965 PG 723

59
SARAH W. BARNES
DB 15C PG 111

17
MERYLE BARNES JACKSON
DB 15C PG 113

FRANCES P. BARNES
DB 20E PG 158
16

ISMD

B

-Y6- POT 9+00.000

-Y6- POT 9+83.000
BEGIN CONSTRUCTION

PROP.TEMP.
DRAIN.EASEM'T

+93.5 -Y6-
35.000 (LT)
114.8 FT

+10 -Y6-
35.000 (LT)
114.8 FT

1m BASE DITCH
-Y6- 10+04+/-LT
EST.DDE: 30 CUM
SEE DETAIL "J" SHT.2-J

+14.149 -Y6-
11.582 (LT)
38.0 FT

+40 -Y6-
15.000 (LT)
49.2 FT

+60 -Y6-
18.000 (LT)
59.1 FT

+75 -Y6-
EXIST.R/W

+95.463 -Y6-
EXIST.R/W

BY6-1
-Y6-9+88.199
5.616 (LT)

BY6-2
-Y6-10+72.220
13.140 (LT)

EXISTING R/W

SR 1207 HILLY BRANCH RD 66 BST

S 66°44'08.7" W

10+00 -Y6-
RETAIN

200 PVC

REMOVE

GRADE TO DRAIN

CL."B" RIP RAP:
EST. MTN
FILTER FABRIC:
EST.17.6 S.M.

+77.465 -Y6-
EXIST.R/W

+77.709 -Y6-
15.000 (RT)
49.2 FT

+96.952 -Y6-
15.000 (RT)
49.2 FT

+16.455 -Y6-
15.000 (RT)
49.2 FT

+40 -Y6-
15.000 (RT)
49.2 FT

-Y6- PC 10+45.153

-Y6- PT 11+16.731

1m BASE DITCH
-Y5- 25+00+/-LT
EST.DDE: 100 CUM
SEE DETAIL "J" SHT.2-J

PROP.TEMP.
DRAIN.EASEM'T

+85 -Y5-
35.000 (LT)
114.8 FT

6 x 3 x 1
1.5 weir

+45 -Y5-
26.000 (LT)
105.3 FT

+04.441 -Y5- 85.3 FT
32.084 (LT)

PROP.GUARDRAIL

PROP.G.R.A.U.
TYPE 350

-Y5-
25+00

750 CL.RCP

+20 -Y5-
15.000 (RT)
49.2 FT

BY5-11
-Y5-25+73.888
10.616 (RT)

-Y5- POS 25+77.500 =
-Y6- POT 11+16.731

+60 -Y5-
22.000 (RT)
72.2 FT

+90 -Y5-
33.000 (RT)
108.3 FT

S 40°53'55.9" W

S 49°50'6" W

1.0m BASE DITCH -Y5- 24+03+/-RT
TO 24+75+/-RT
EST.DDE: 906 CUM
SEE DETAIL "K" SHT.2-J

CL."B" RIP RAP:
EST.7.3 MTN
FILTER FABRIC:
EST.17.6 S.M.

+75 -Y5-
48.000 (RT)
157.5 FT

-Y5- TS 25+64.466

-Y5- SC 26+24.466

MATCHLINE STA. 272+00.000 -L-
MATCH TO SHT. NO. 11

MATCHLINE STA. 24+05.000
MATCH TO SHT. NO. 9

MATCHLINE STA. 26+60.000 MATCH TO SHT. NO. 34

2002 ADT
2022 ADT
IN HUNDREDS

-Y6-: 1/3
-Y5-: 0.5/1.5, 0.5/1.5, 58/106, 56/103

DENOTES REMOVAL
OF EXIST.PAVEMENT

SEE SHEETS NO. 120 AND NO. 121 FOR
LINE -Y5- GRADE AND PROFILE.
SEE SHEET NO. 121 FOR LINE -Y6- GRADE
AND PROFILE

09-APR-2004 16:43
d:\rdu_roads\r513c\curr_plans\r513c33.pSH