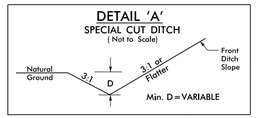
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| W-5103A | EC-9 |
| R/W SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

NAD 83/NSRS 2007

-Y25- CURVE 1
PI Sta 10+98.35
△ = 31° 38' 49.2" (LT)
D = 38° 11' 49.9"
L = 82.85'
T = 42.51'
R = 150.00'

**DETAIL 'A'**
SPECIAL CUT DITCH
( Not to Scale)




FROM STA. 130+50 CL TO STA. 135+50 CL -L-

MATCHLINE STA. 120+00

MATCHLINE STA. 134+00

-L- Sta. 121+10.60 =
-DRW1- Sta. 11+02.15

-L- PC Sta. 123+77.44

-L- PT Sta. 128+18.65

S 74° 09' 07.8" E
10+00

-Y25- PC Sta. 10+55.84

-Y25- PT Sta. 11+38.69

-L- Sta. 128+49.86 =
-Y25- Sta. 12+27.70

-DRW1-
S 78° 27' 31.2" E
10+00

+11.44
6.24 LT

+11.44
18.40 LT

4' PAVED SHLD.

N 10° 09' 44.9" W

125+00

16Y

-L-

130+00

N 17° 01' 20.8" W

+14.92
5.81 RT

+14.78
18.24 RT

N 74° 12' 03.0" E

WOODS

SOIL

MB(20+/-)

SIGN

TOP=22.60'
INV=18.55'

INV=18.46'

INV=17.33'

SPECIAL CUT DITCH
GRASS LINED
SEE DETAIL 'A'

SDO#2

(1004)
INV=16.24'

RETAIN

PRECAST (1002)
2GI (100)

24" RCP

COLLAR AND EXTEND

RETAIN

SDO#3

(1003)
INV=17.53'

B

DO NOT DISTURB INLET AND OUTLET CHANNELS OF EXISTING 24" RCP CROSS PIPES. DEWATERING IS REQUIRED FOR THIS JURISDICTIONAL TRIBUTARY THEREFORE TRIBUTARY WATERS CANNOT COME IN CONTACT WITH CURING OR UNCURED CONCRETE. SAND BAGS ARE PERMITED FOR USE WITHIN THE PIPE FOR EASE OF CONSTRUCTION.

-L- STA. 122+45.45
18.50 LT
END CONSTRUCTION
END WIDENING

-L- STA. 129+82.54
18.21 RT
BEGIN CONSTRUCTION
BEGIN WIDENING

-L- CURVE 2
PI Sta 125+98.31
△ = 6° 51' 35.9" (LT)
D = 1° 33' 17.4"
L = 441.20'
T = 220.86'
R = 3,685.00'

REVISIONS

8/17/99

03-JUL-2015 13:20
USER:(00778) NEW HANOVER\W-5103.41867.1.1_US 421 Median Crossover Relet use this file\ROADWAY\Proj\PLAN SHEETS_EROSION CONTROL\W5103_003_EC_09_PSH_10.dgn
$$$$USERNAME$$$$