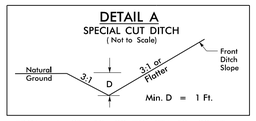
8/17/99

REVISIONS

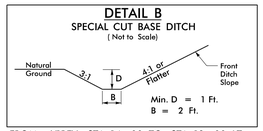
NOTE: CONTRACTOR WILL BE REQUIRED TO FOLLOW NCDOT RECLAMATION PROCEDURES FOR BORROW/WASTE STAGING AREAS FOR CONSTRUCTION IF LAND DISTURBING ACTIVITIES OCCUR WITHIN THE CONTRACTOR LAYDOWN AREA

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



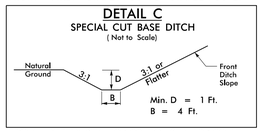

FROM –L– STA. 10+33 TO STA. 12+00 LT
FROM –L– STA. 10+49 TO STA. 12+00 RT
FROM –L– STA. 14+25 TO STA. 16+14 LT
FROM –Y1REV– STA. 11+75 TO STA. 14+00 LT
FROM –Y1REV– STA. 21+50 TO STA. 22+50 LT

**DETAIL B**
SPECIAL CUT BASE DITCH
( Not to Scale)



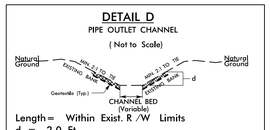

FROM –Y1REV– STA. 14+00 TO STA. 18+00 LT

**DETAIL C**
SPECIAL CUT BASE DITCH
( Not to Scale)




FROM –Y1REV– STA. 19+00 TO STA. 19+92 LT

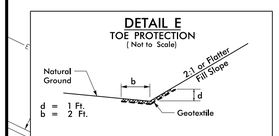
**DETAIL D**
PIPE OUTLET CHANNEL
( Not to Scale)




Length = Within Exist. R /W Limits
d = 2.0 Ft.
Est. = 4 Tons of Class I Rip-Rap
Est. = 6 SY Geotextile

FROM –Y1REV– STA. 20+34 TO STA. 20+48 RT.

**DETAIL E**
TOE PROTECTION
( Not to Scale)

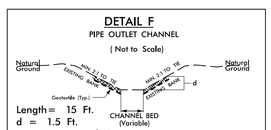



d = 1 Ft.
b = 2 Ft.

Type of Liner = Class B Rip-Rap

FROM –L– STA. 16+14 TO STA. 16+64 LT
Estimate 13 Tons Class B Rip-Rap
Estimate 45 SY Geotextile
FROM –L– STA. 16+21 TO STA. 19+21 RT
Estimate 78 Tons Class B Rip-Rap
Estimate 267 SY Geotextile

**DETAIL F**
PIPE OUTLET CHANNEL
( Not to Scale)




Length = 15 Ft.
d = 1.5 Ft.
Est. = 9 Tons of Class I Rip-Rap
Est. = 14 SY Geotextile

FROM –L– STA. 16+00 TO STA. 16+20 RT.

NC GRID
NAD 83 NA 2011

NOVO NORDISK PHARMACEUTICAL INDUSTRIES, INC.
DB 4706 PG 206
(1)

15+00

40 x 12 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 4.4

TOE PROTECTION
SEE DETAIL E

21' TYP.

SPECIAL CUT DITCH
SEE DETAIL A

24" RCP-III (BURIED 0.9')

MATCHLINE SHEET 5 -L- STA. 17+00.00

0403

TOE PROTECTION
SEE DETAIL E

TDE

TSD

36 x 12 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 4.3

20+00

BL-101

WOODS

-L- PT Sta. 16+28.58

RIP RAP AT OUTLET
SEE DETAIL F

NOVO NORDISK PHARMACEUTICAL INDUSTRIES, INC.
DB 4706 PG 206
(1)

+03.00

32' TYP.

35 x 12 x 3
1.5 inch Skimmer
with 0.375 inch
Orifice Diameter
4 ft. weir
ID 4.2

CONTRACTOR LAYDOWN AREA

-Y1REV- PT Sta. 23+23.61

SPECIAL CUT DITCH
SEE DETAIL A

-L- PC Sta. 11+20.78

N 12° 07' 27.0" E

CLASS B RIP RAP
5 TONS
14 SY GEO

SPECIAL CUT
4' BASE DITCH
SEE DETAIL C

WOODS

TDE

24" RCP-IV

-Y1REV-

SPECIAL CUT
2' BASE DITCH
SEE DETAIL B

PUE

SPECIAL CUT DITCH
SEE DETAIL A

GAS TEST STATION HAS BEEN RELOCATED

GAS TEST STATION

(R/W APPROX.)

GPS1

GPS2

40 x 14 x 3
4 ft. weir
ID 4.1

26' TYP.

N 68° 29' 03.5" E

-Y1REV- PT Sta. 11+10.31

-Y1REV- PC Sta. 13+95.99

-Y1REV- PC Sta. 10+00.00

BEGIN CONSTRUCTION
-Y1REV- POC STA. 10+50.00

US 70 BUS.

SR 1913 (GORDON RD) VARIABLE WIDTH

S 84° 10' 39.6" E

US 70 BYP.

EXISTING R/W

-FY-

54" RCP-IV
(BURIED 0.9')

-Y1REV- +60.00
EX.R/W,45.00' RT

RIP RAP AT OUTLET
SEE DETAIL D

TBM #1

N 86°46'41" W
50.55'

-Y1REV- +25.00
EX.R/W,45.00' RT

CLAUDIA GONZALEZ SANTILLAN
JOSE GUADALUPE ROCHA SAUCEDO
DB 03426 PG 0849
(2)

-Y1REV- PRC Sta. 18+89.81

N 88°02'34" E
486.11'

26' TYP.

R=560.00'
ARC=580.07'

N 10°40'04" E
124.95'

MATCHLINE SHEET 7 -Y1REV- STA. 24+50.00

TBM1 ELEVATION = 278.45
N 676965 E 2175790
BL STATION 5+40.00 168 RIGHT
Y1REV- STA. 19+57.34 40.07' RT.
BENCHLITE NAIL IN BASE OF 14" SWEET GUM

BEGIN NCDOT
PROJECT R-5769 -L- POT STA. 10+00.00
=-Y1REV- POC STA. 18+34.66

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-5769 | EC-11/CONST.4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**


WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107


TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION


SEE SHEET 9 FOR -Y1REV- PROFILE
SEE SHEET 9 FOR -L- PROFILE



$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$CELLNAME$$$$