TIP PROJECT: B-4796

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4796	EC-1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

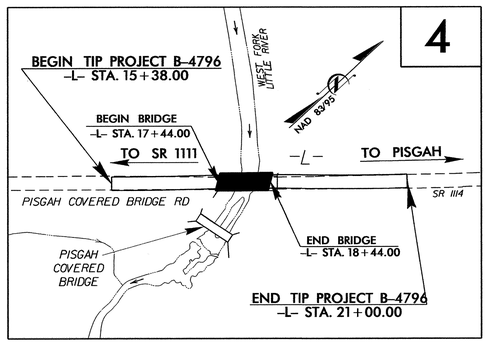
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

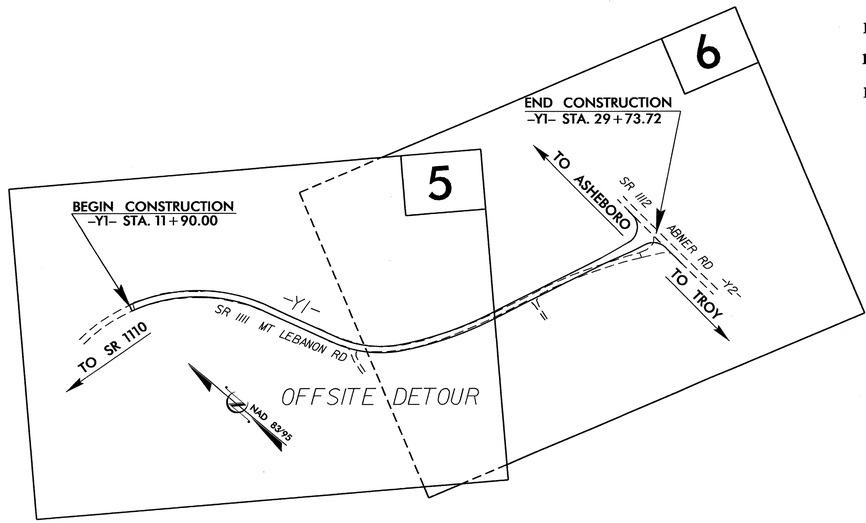
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

RANDOLPH COUNTY

LOCATION: BRIDGE NO. 24 OVER WEST FORK LITTLE RIVER AND APPROACHES ON SR 1114 (PISGAH COVERED BRIDGE ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE





EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TSD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	
1633.02	Temporary Rock Silt Check Type-B	
	Wattle / Coir Fiber Wattle	EW CFW
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	
1634.01	Temporary Rock Sediment Dam Type-A	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	
1630.04	Stilling Basin	
1630.06	Special Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	
	Tiered Skimmer Basin	
	Infiltration Basin	

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

GRAPHIC SCALE

0
PLANS
0
PROFILE (HORIZONTAL)
0
PROFILE (VERTICAL)

ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared in the Office of:

ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611

2012 STANDARD SPECIFICATIONS

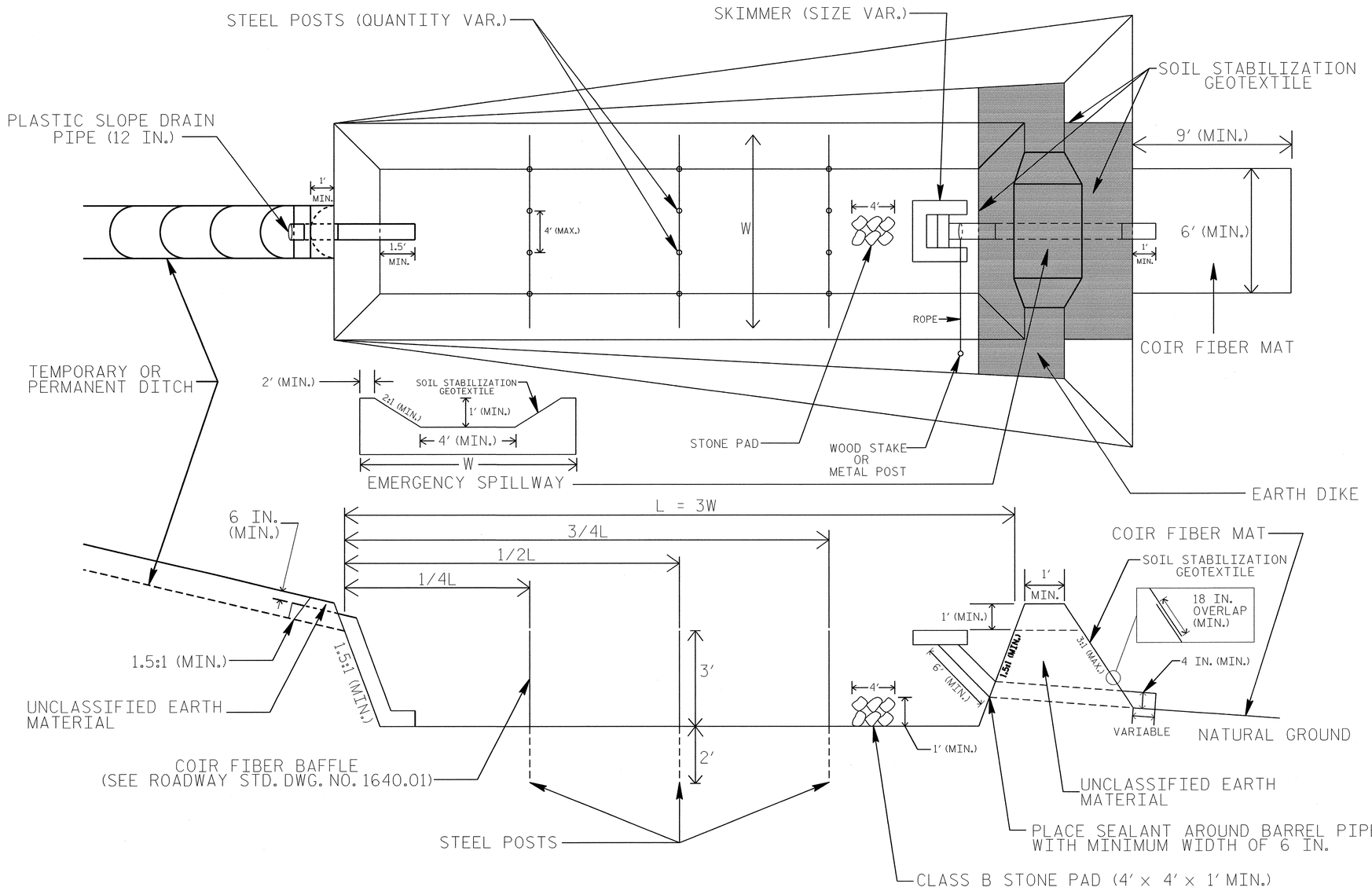
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

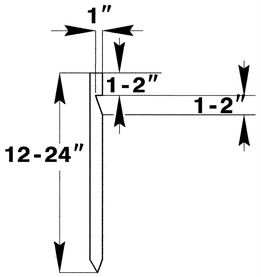
1604.01	Railroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-2
R/W SHEET NO.	
~~ROADWAY DESIGN ENGINEER~~	~~HYDRAULICS ENGINEER~~

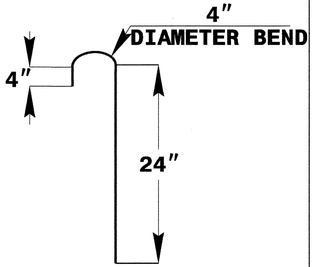
SKIMMER BASIN WITH BAFFLES DETAIL



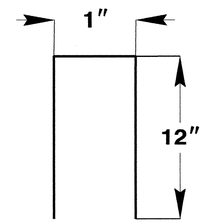
2" x 2" (nominal) WOODEN STAKE



#10 STEEL REINFORCEMENT BAR



1" (nominal) STAPLE



COIR FIBER MAT ANCHOR OPTIONS

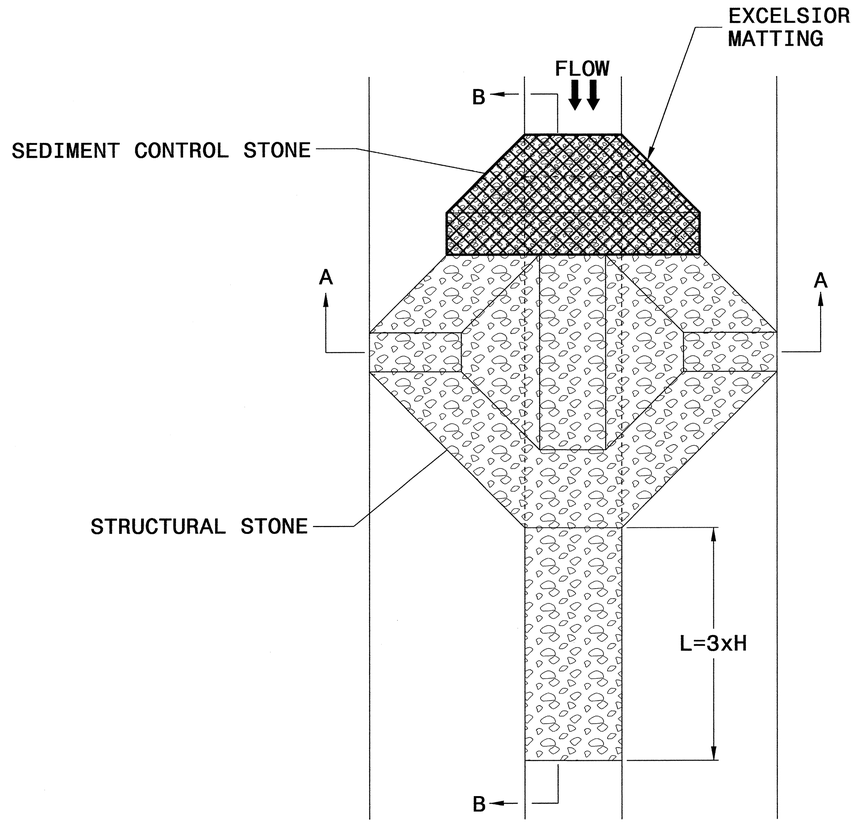
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. LIMIT EARTH DIKE HEIGHT TO 5 FT.
3. FOR BASIN DEPTH OF 3 FT., THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
4. DETERMINE EMERGENCY SPILLWAY WEIR LENGTH (FT.) USING Q/0.8, WHERE Q IS FLOW RATE (CFS) INTO BASIN.
5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE OR TARP AS DIRECTED.
6. SOIL STABILIZATION GEOTEXTILE FOR EMERGENCY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

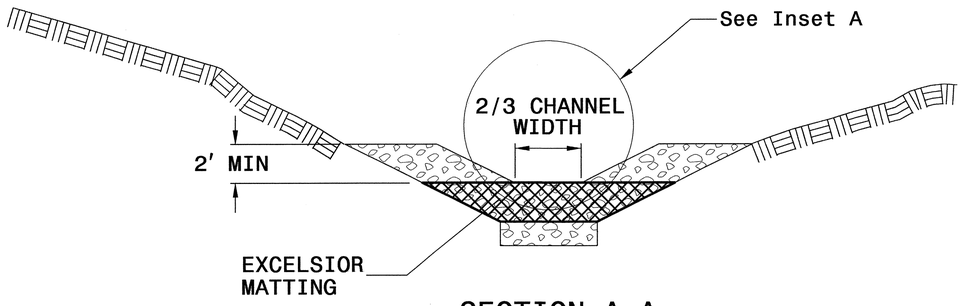
NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-2A
R/W SHEET NO.	
~~GEOTECHNICAL ENGINEER~~	~~HYDRAULICS ENGINEER~~

TEMPORARY ROCK SILT CHECK TYPE 'A' WITH EXCELSIOR MATTING AND POLYACRYLAMIDE (PAM)



PLAN



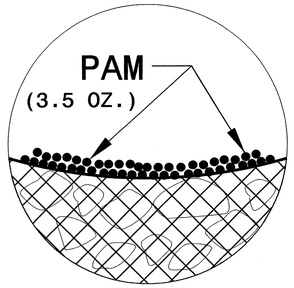
SECTION A-A

NOTES

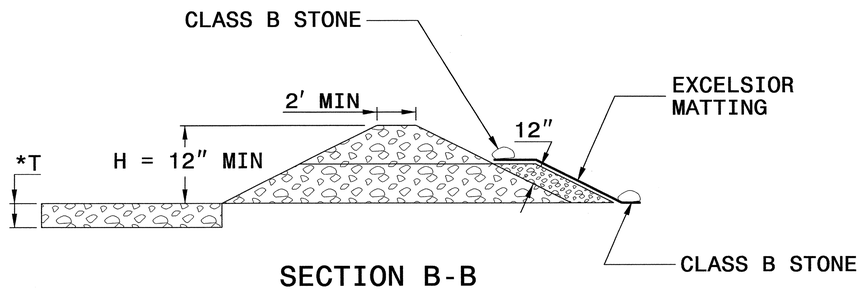
USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH ROCK SILT CHECK.

INITIALLY APPLY 3.5 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



INSET A



SECTION B-B

*T = 12" MIN., 18" MAX.

NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
5	-Y1-	14+00	16+50	RT	345
				SUBTOTAL	345
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					4600
				TOTAL	4945
				SAY	5000

PERMANENT SOIL REINFORCEMENT MAT

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-L-	19+52.37	20+50	LT	105
5	-Y1-	19+52.37	20+50	RT	140
5	-Y1-	18+50	25+50	LT	980
			SUBTOTAL		1225
ADDITIONAL PSRM TO BE INSTALLED					0
			TOTAL		1225
			SAY		1300

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-3A
~~HYDRAULICS ENGINEER~~	~~HYDRAULICS ENGINEER~~

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

8/17/99

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

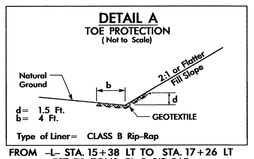
PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-4/CONST.4
RW SHEET NO.	
~~ROADWAY DESIGN ENGINEER~~	~~HYDRAULICS ENGINEER~~

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

NAD 83/95

NOTE:
UTILIZE SKIMMER BASIN
AS STILLING BASIN WHERE APPLICABLE.

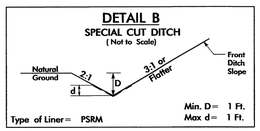
DETAIL A
TOE PROTECTION
(Not to Scale)



Type of Liner= CLASS B Rip-Rap

FROM –L– STA. 15+38 LT TO STA. 17+26 LT
EST 70 TONS CL. B RIP RAP
EST 130 SY GEOTEXTILE

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)

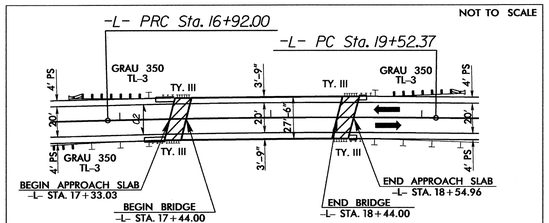


Min. D= 1 Ft.
Max d= 1 Ft.

Type of Liner= PSRM

FROM –L– STA. 19+10 LT TO STA. 20+50 LT
FROM –L– STA. 19+10 RT TO STA. 20+00 RT

NOT TO SCALE



SKETCH SHOWING BRIDGE IN RELATION TO PAVEMENT

40 x 14 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
6 ft. weir
ID 4.1C

40 x 14 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
6 ft. weir
ID 4.2C

–BL– 102

–BL– 103

BEGIN TIP PROJECT B-4796
–L– STA. 15+38.00

END TIP PROJECT B-4796
–L– STA. 21+00.00

–L– PC Sta. 15+38.00
–L– PRC Sta. 16+92.00
–L– PC Sta. 19+52.37
–L– PCC Sta. 21+43.73
–L– PT Sta. 23+93.05
–L– PT Sta. 19+09.39

BEGIN BRIDGE –L– STA. 17+44.00
END BRIDGE –L– STA. 18+44.00

RAYMOND HARVELL
DB 858 PG 271
DB 1802 PG 632
PB 72 PG 73

JEFFERY HOGAN
DB 1830 PG 2942
DB 98 PG 85

WILEY HAROLD HOGAN
DB 1883 PG 541

GERALD C. PARKER SR.
DB 1148 PG 545

THE LAND TRUST FOR CENTRAL NC INC.
DB 1535 PG 1319

LENA S. BAKER HEIRS
DB 1135 PG 161

EASEMENT TO
THE LANDTRUST FOR CENTRAL NORTH CAROLINA
DB 1996 PG 1826
DB 98 PG 87
PB 68 PG 81

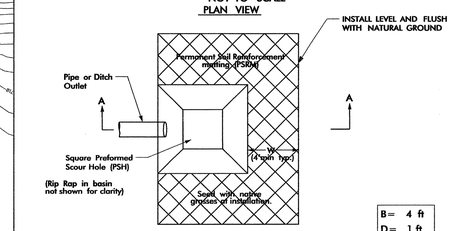
SR 1174 (PISGAH COVERED BRIDGE ROAD)

TOE PROTECTION SEE DETAIL A
SPECIAL CUT DITCH SEE DETAIL B
SEE DETAIL C
SEE DETAIL D
REMOVE
100' TAPER LT & RT
FIELD OBSERVATION 5-11-09
SHOULDER BERM GUTTER:
FROM –L– STA. 17+16 RT TO STA. 17+29.9 +/- RT
FROM –L– STA. 17+24 LT TO STA. 17+36.2 +/- LT
FROM –L– STA. 18+51.9 +/- RT TO STA. 18+57 RT
FROM –L– STA. 18+58.1 +/- LT TO STA. 18+63 LT

30 x 15 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
7 ft. weir
ID 4.3C

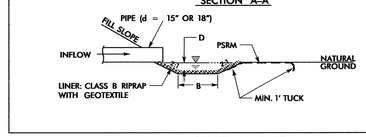
DETAIL C
PREFORMED SCOUR HOLE
*NOT TO SCALE

PLAN VIEW



B= 4 ft
D= 1 ft
W= 4 ft

SECTION A-A



308

STA. 17+30 –L– LT
STA. 19+06 –L– LT
STA. 19+06 –L– RT

PI Sta 16+15.00
△ = 1° 28' 14.0" (LT)
D = 0° 57' 17.7"
L = 154.00'
T = 77.00'
R = 6,000.00'
SE = NC

PI Sta 18+00.71
△ = 2° 04' 33.5" (RT)
D = 0° 57' 17.7"
L = 217.40'
T = 108.71'
R = 6,000.00'
SE = NC

PI Sta 20+48.07
△ = 2° 50' 52.2" (LT)
D = 1° 29' 17.5"
L = 191.36'
T = 95.70'
R = 3,850.00'
SE = NC

PI Sta 22+68.40
△ = 1° 51' 18.7" (LT)
D = 0° 44' 38.8"
L = 249.32'
T = 124.67'
R = 7,700.00'

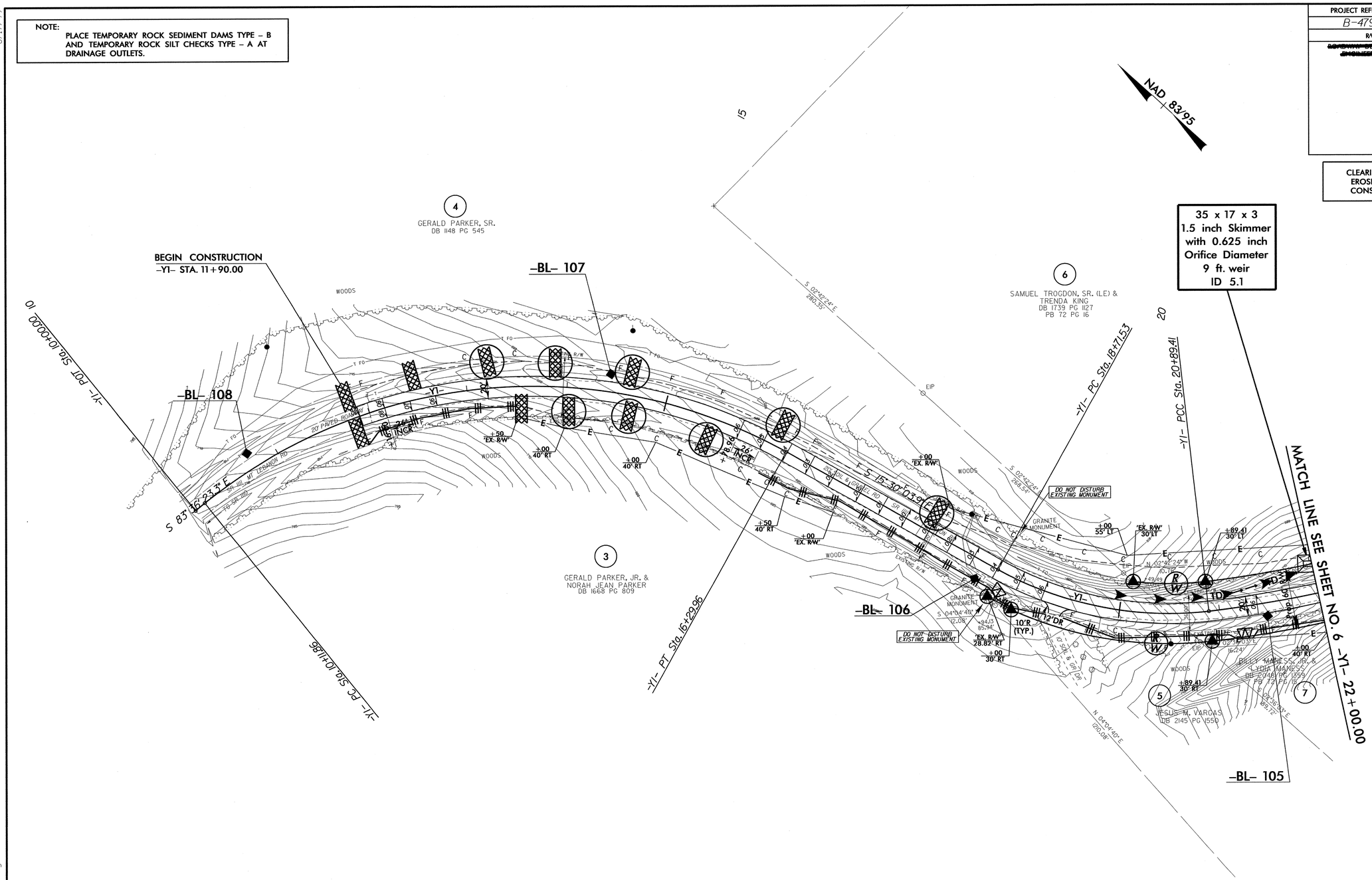
SEE SHEET 7 FOR –L– PROFILE

8/17/99

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-5/CONST.5
R/W SHEET NO.	
~~ROADWAY DESIGN ENGINEER~~	~~HYDRAULICS ENGINEER~~

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5



-Y1-		
PI Sta 13+63.30	PI Sta 19+84.13	PI Sta 22+38.34
△ = 68° 06' 19.3" (RT)	△ = 35° 40' 03.5" (LT)	△ = 15° 25' 14.1" (LT)
D = 11° 01' 06.3"	D = 16° 22' 12.8"	D = 5° 12' 31.3"
L = 618.10'	L = 217.88'	L = 296.05'
T = 351.44'	T = 112.60'	T = 148.93'
R = 520.00'	R = 350.00'	R = 1100.00'
SE= SEE PLANS	SE= SEE PLANS	SE= SEE PLANS

SEE SHEET 8 FOR -Y1- PROFILE

26-SEP-2012 10:44
M:\Environmental\Projects\B4796_EC_psh05.dgn
MicroStation J01 REVISED 7778

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-6/CONST.6
R/W SHEET NO.	
[redacted]	[redacted]S

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NAD 83/95

35 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
9 ft. weir
ID 5.1

–Y1– PT Sta. 23+85.47

–Y2– POT Sta. 10+00.00

MATCH LINE SEE SHEET NO. 5 –Y1– 22+00.00

TIE TO
EXIST. EOP
–BL– 104

END CONSTRUCTION
–Y1– STA. 29+73.72

–Y1– POT Sta 29+73.72=
–Y2– POT Sta 11+57.90

SAMUEL TROGDON, SR. (LE) &
TRENDA KING
DB 1739 PG 1127
PB 72 PG 16

BILLY MANESS, JR. &
LYDIA MANESS
DB 2048 PG 1359
PB 72 PG 15

DONALD LAUCIRICA
DB 1739 PG 1135
PB 72 PG 15

PAUL STRIDER &
ANN STRIDER
DB 1166 PG 772

MARILYN SUTTLE &
EARLE SUTTLE
DB 1739 PG 1133
PB 72 PG 15

PAUL BEANE &
W. THURMAN SCOTT
DB 1091 PG 77

COLLAR & EXTEND 18" RCP III
COLLAR AND EXTEND & 18" RCP III
COLLAR AND EXTEND 18" RCP III
DITCH BLOCK
GRADE TO DRAIN
10'R (TYP.)
CL B RIP RAP
EST 3 TONS
EST 10 SY GEOTEXTILE
6' MTL GATE
100' UNIFORM TAPER
PAVEMENT REMOVAL
TIE TO EXIST. EOP
WOODS

–Y1–
PI Sta 22+38.34
△ = 15° 25' 14.1" (LT)
D = 5° 12' 31.3"
L = 296.05'
T = 148.93'
R = 1,100.00'

SEE SHEET 8 FOR –Y1– PROFILE

26-SEP-2012 11:43
N:\Environmental\Design\B4796_EC_psh06.dgn
User:rdmartin
PSFN:217578

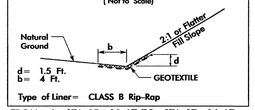
8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-7/CONST.4
R/W SHEET NO.	
~~ROADWAY DESIGN ENGINEER~~	~~HYDRAULICS ENGINEER~~

NOTE:
UTILIZE SKIMMER BASIN
AS STILLING BASIN WHERE APPLICABLE.

NAD 83/95

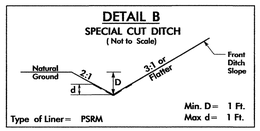
DETAIL A
TOE PROTECTION
(Not to Scale)



d= 1.5 Ft.
b= 4 Ft.
Type of Liner= CLASS B Rip-Rap

FROM –L– STA. 15+38 LT TO STA. 17+26 LT
EST 70 TONS CL. B RIP RAP
EST 130 SY GEOTEXTILE

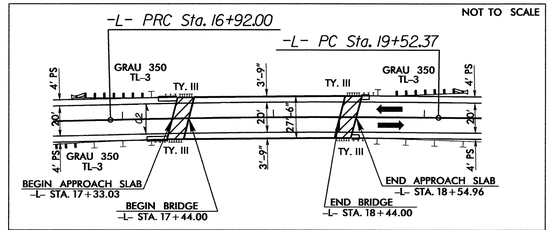
DETAIL B
SPECIAL CUT DITCH
(Not to Scale)



Min. D= 1 Ft.
Max d= 1 Ft.
Type of Liner= PSRM

FROM –L– STA. 19+10 LT TO STA. 20+50 LT
FROM –L– STA. 19+10 RT TO STA. 20+00 RT

NOT TO SCALE



SKETCH SHOWING BRIDGE IN RELATION TO PAVEMENT

40 x 14 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
6 ft. weir
ID 4.1C

40 x 14 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
6 ft. weir
ID 4.2C

30 x 15 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
7 ft. weir
ID 4.3C

BEGIN TIP PROJECT B–4796
–L– STA. 15+38.00

END TIP PROJECT B–4796
–L– STA. 21+00.00

–BL– 102

–BL– 103

–L– PC Sta. 15+38.00
–L– PRC Sta. 16+92.00
–L– PC Sta. 19+52.37
–L– PCC Sta. 21+43.73
–L– PT Sta. 23+93.05
–L– PT Sta. 19+09.39

BEGIN BRIDGE
–L– STA. 17+44.00
END BRIDGE
–L– STA. 18+44.00

N 44° 10' 44.0" E

N 43°34'24.5" E

S 43°38'36.3" E

1 RAYMOND HARVELL
DB 858 PG 271
DB 1802 PG 632
PB 72 PG 73

2 JEFFERY HOGAN
DB 1930 PG 2942
DB 98 PG 85

GERALD C. PARKER SR.
DB 1148 PG 545

THE LAND TRUST FOR CENTRAL NC INC.
DB 1535 PG 1319

WILEY HAROLD HOGAN
DB 1883 PG 1541

LENA S. BAKER HEIRS
DB 1135 PG 161

EASEMENT TO
THE LANDTRUST FOR CENTRAL NORTH CAROLINA
DB 1918 PG 1374
PB 79 PG 67
PB 98 PG 81

ISBD

PISGAH COVERED BRIDGE HISTORICAL LANDMARK

SR 1114 PISGAH COVERED BRIDGE ROAD

TOE PROTECTION
SEE DETAIL A

SPECIAL CUT DITCH
SEE DETAIL B

SEE DETAIL C

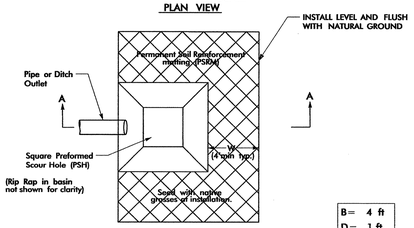
REMOVE

100' TAPER LT & RT

SHOULDER BERM GUTTER:
FROM –L– STA. 17+16 RT TO STA. 17+29.9 +/– RT
FROM –L– STA. 17+24 LT TO STA. 17+36.2 +/– LT
FROM –L– STA. 18+51.9 +/– RT TO STA. 18+57 RT
FROM –L– STA. 18+58.1 +/– LT TO STA. 18+63 LT

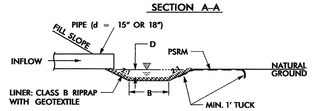
DETAIL C
PREFORMED SCOUR HOLE
*NOT TO SCALE

PLAN VIEW



B= 4 ft
D= 1 ft
W= 4 ft

SECTION A–A



308

STA. 17+30 –L– LT
STA. 19+06 –L– LT
STA. 19+06 –L– RT

PI Sta 16+15.00
△ = 1° 28' 14.0" (LT)
D = 0° 57' 17.7"
L = 154.00'
T = 77.00'
R = 6,000.00'
SE = NC

PI Sta 18+00.71
△ = 2° 04' 33.5" (RT)
D = 0° 57' 17.7"
L = 217.40'
T = 108.71'
R = 6,000.00'
SE = NC

PI Sta 20+48.07
△ = 2° 50' 52.2" (LT)
D = 1° 29' 17.5"
L = 191.36'
T = 95.70'
R = 3,850.00'
SE = NC

PI Sta 22+68.40
△ = 1° 51' 18.7" (LT)
D = 0° 44' 38.8"
L = 249.32'
T = 124.67'
R = 7,700.00'

SEE SHEET 7 FOR –L– PROFILE

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-8/CONST.5
RW SHEET NO.	
~~NO RIGHT OF WAY~~	~~RIGHT OF WAY~~

NAD 83/95

35 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
9 ft. weir
ID 5.1

BEGIN CONSTRUCTION
-Y1- STA. 11+90.00

-BL- 107

-BL- 108

-BL- 106

-BL- 105

-Y1- POT Sta 10+00.00

-Y1- PC Sta 10+11.86

-Y1- PT Sta 16+29.96

-Y1- PC Sta 18+71.53

-Y1- PCC Sta 20+89.41

MATCH LINE SEE SHEET NO. 6 -Y1- 22+00.00

S 83°36'23.3" E

S 15°30'03.9" E

S 02°42'24" E 265.35'

S 02°42'24" E 265.24'

N 02°42'24" W 10.76'

N 04°04'40" E 120.08'

S 04°04'40" W 12.08'

S 02°56'03" E 16.24'

S 02°56'03" E 85.72'

DO NOT DISTURB EXISTING MONUMENT

GRANITE MONUMENT

EIP

EXISTING R/W

WOODS

SR 1111 MT LEBANON RD

TO SR 1110

20' PAVED ROADWAY

24' SOIL & GRAVEL RD

SR 1110

TO SR 1111

10'R (TYP.)

12' DR

+50 'EX. R/W'

+00 40' RT

+00 'EX. R/W'

+00 55' LT

'EX. R/W' 30' LT

+89.41 30' LT

+49.49 30' LT

+84.13 85.94'

'EX. R/W' 28.82' RT

+00 30' RT

+89.41 30' RT

+00 40' RT

4
GERALD PARKER, SR.
DB 1148 PG 545

3
GERALD PARKER, JR. &
NORAH JEAN PARKER
DB 1668 PG 809

6
SAMUEL TROGDON, SR. (LE) &
TRENDA KING
DB 1739 PG 1127
PB 72 PG 16

5
JESUS M. VARGAS
DB 2145 PG 1550

7
BILLY MANESS, JR. &
LYDIA MANESS
DB 2048 PG 1359
PB 72 PG 15

-Y1-

PI Sta 13+63.30	PI Sta 19+84.13	PI Sta 22+38.34
△ = 68° 06' 19.3" (RT)	△ = 35° 40' 03.5" (LT)	△ = 15° 25' 14.1" (LT)
D = 11° 01' 06.3"	D = 16° 22' 12.8"	D = 5° 12' 31.3"
L = 618.10'	L = 217.88'	L = 296.05'
T = 351.44'	T = 112.60'	T = 148.93'
R = 520.00'	R = 350.00'	R = 1,100.00'
SE= SEE PLANS	SE= SEE PLANS	SE= SEE PLANS

SEE SHEET 8 FOR -Y1- PROFILE

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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-4796	EC-9/CONST.6
R/W SHEET NO.	
[redacted] ENGINEER	[redacted] ENGINEER

NAD 83/95

25

10

6

35 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
9 ft. weir
ID 5.1

-Y1- PT Sta. 23+85.47

-Y2- POT Sta. 10+00.00

TIE TO
EXIST. EOP
-BL- 104

SAMUEL TROGDON, SR. (LE) &
TRENDA KING
DB 1739 PG 1127
PB 72 PG 16

SAMUEL TROGDON, SR. (LE) &
TRENDA KING
DB 1739 PG 1127
PB 72 PG 16

+50
EX. R/W

+80 -Y2-
EX. R/W

+85
50' LT

+90
30' LT

WOODS

TO ASHEBORO

24' PAVED ROADWAY

SR 1110
ASHE RD

SR 1111
MT. LEBANON RD

N 4°32'08" E
686.39'

EXISTING R/W

SAMUEL TROGDON, SR. (LE) &
TRENDA KING
DB 1739 PG 1127
PB 72 PG 16

WOODS

END CONSTRUCTION
-Y1- STA. 29+73.72

-Y1- POT Sta 29+73.72=
-Y2- POT Sta 11+57.90

PAUL STRIDER &
ANN STRIDER
DB 1166 PG 772

N 54°06'44" W
9.03'

MARILYN SUTTLE &
EARLE SUTTLE
DB 1739 PG 1133
PB 72 PG 15

WOODS

-Y2-
S 4°32'33.5" W

-Y2- POT Sta. 14+20.42

N 85°24'18" W
422.02'

S 85°24'18" E
7.48'

PAUL BEANE &
W. THURMAN SCOTT
DB 1091 PG 77

TO TROY

MATCH LINE SEE SHEET NO. 5 -Y1- 22+00.00

+25
45' LT

COLLAR & EXTEND
18" RCP III

(0610)

+85.47
30' LT

COLLAR AND EXTEND
& 18" RCP III

WOODS

+00
35' LT

(0612)

(0613)

DITCH BLOCK

(061)

GRADE TO DRAIN

S 66°35'21.5" E

S 64°26'30.5" E

SR 1112 SOIL & DRAINAGE RD

SR 1111 MT LEBANON RD

60' R/W

10' R
(TYP.)

100' UNIFORM TAPER
LT. & RT.

PAVEMENT
REMOVAL

GRADE TO DRAIN

S 73°39'51" W
30.93'

+45
EX. R/W

EXISTING R/W

(0614)

(0615)

COLLAR AND EXTEND
18" RCP III

CL B RIP RAP
EST 3 TONS
EST 10 SY GEOTEXTILE

+05
30' & 40' RT

+80
30' & 40' RT

EX. R/W'
30' RT

+00
40' RT

+00
30' RT

+85.47
30' RT

S 15°56'15" W
228.36'

6' MTL GATE

EIP

7

BILLY MANESS, JR. &
LYDIA MANESS
DB 2048 PG 1359
PB 72 PG 15

8

DONALD LAUCIRICA
DB 1739 PG 1135
PB 72 PG 15

S 73°39'51" W
188.08'

TIE TO
EXIST. EOP

MARILYN SUTTLE &
EARLE SUTTLE
DB 1739 PG 1133
PB 72 PG 15

N 01°55'01" E
572.85'

-Y1-
PI Sta 22+38.34
△ = 15° 25' 14.1" (LT)
D = 5° 12' 31.3"
L = 296.05'
T = 148.93'
R = 1,100.00'

SEE SHEET 8 FOR -Y1- PROFILE

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