TIP PROJECT: R-0967CC

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

STANLY COUNTY

LOCATION: ***NC 24/27 FROM EAST OF BIG BEAR CREEK TO SR 1963 (SAINT MARTIN RD.) IN ALBEMARLE***

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND SIGNALS.

METRIC

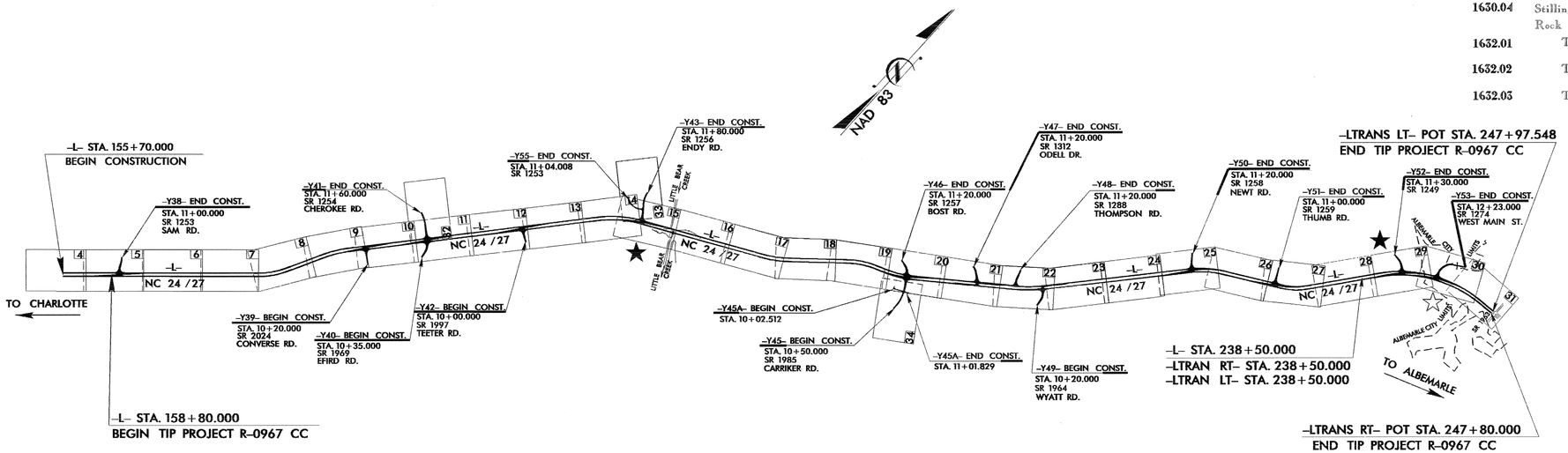
ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-0967CC	EC-1	

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

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
	Streambank Reforestation	
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	
1630.01	Riser Basin	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
1633.02	Temporary Rock Silt Check Type-B	
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	
1636.01	Rock Silt Screen	
1630.04	Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A OR A
1632.02	Type B	B OR B
1632.03	Type C	C OR C



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

Prepared In the Office of:

ROADSIDE ENVIRONMENTAL UNIT

1 South Wilmington St.
Raleigh, NC 27611

2002 STANDARD SPECIFICATIONS

Roadway Standard Drawings

The following roadway metric standards as appear in "Roadway Standard Drawings"– Roadway Design Unit – N. C. Department of Transportation – Raleigh, N. C., dated January, 2002 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

1605.01	Temporary Silt Fence	1632.01	Rock Inlet Sediment Trap Type A
1622.01	Temporary Berms and Slope Drains	1632.03	Rock Inlet Sediment Trap Type C
1630.02	Silt Basin Type B	1633.01	Temporary Rock Silt Check Type A
1630.03	Temporary Silt Ditch	1633.02	Temporary Rock Silt Check Type B
1630.04	Stilling Basin	1634.02	Temporary Rock Sediment Dam Type B
1630.05	Temporary Diversion	1635.01	Rock Pipe Inlet Sediment Trap Type A

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
R-0967CC	EC-1A	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

SOIL STABILIZATION SUMMARY SHEET

MATTING

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SM)
6	L	159+60	163+20	LT	20
6	L	160+00	163+20	MED	25
7	L	163+20	165+60	MED	20
7	L	164+45	165+66	RT	15
7	L	165+70	167+40	MED	15
8	L	170+00	169+40	RT	5
8	L	171+40	172+00	LT	5
9	L	173+00	173+40	LT	5
10	L	176+15	175+73	RT	5
10	L	177+60	177+20	RT	5
11	L	180+60	180+20	LT	10
11	L	181+00	180+60	LT	5
11	L	180+60	180+20	RT	5
11	L	181+03	180+60	RT	5
12	L	184+60	184+00	LT	5
12	L	185+83	184+80	LT	5
13	L	187+00	186+20	LT	5
13	L	188+19	187+60	LT	5
13	L	187+12	186+80	RT	5
13	L	188+42	187+60	RT	5
14	L	190+20	189+60	RT	5
15	L	192+45	192+00	LT	5
15	Y43	10+68	10+35	LT	5
16	L	196+40	195+20	LT	25
16	L	196+94	196+40	RT	5
17	L	198+88	198+60	RT	5
17	L	200+60	200+12	RT	10
17	L	202+20	201+23	RT	5
18	L	202+54	202+20	LT	5
19	L	208+00	207+23	RT	5

MATTING

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SM)
20	L	213+75	211+55	LT	10
22	L	218+60	217+60	LT	5
22	Y49	10+68	10+20	LT	5
22	Y49	10+60	10+20	RT	5
22	Y49	11+20	10+69	RT	5
23	L	221+31	221+12	LT	5
23	L	222+13	221+90	LT	5
23	L	222+50	222+20	LT	5
23	L	222+60	222+40	RT	5
24	L	225+43	225+00	RT	5
24	L	227+65	225+53	RT	10
25	L	226+80	226+40	LT	5
25	Y50	10+60	10+40	RT	5
26	L	232+14	231+00	LT	10
26	L	232+80	232+25	LT	5
27	L	235+80	235+00	LT	5
27	L	236+35	235+50	LT	5
27	L	235+15	234+80	RT	5
29	LTRANR	243+40	241+75	LT	10
30	LTRANR	244+80	243+84	LT	5
30	LTRANL	245+75	244+92	LT	5
30	LTRANL	246+97	245+90	LT	5
30	Y53	10+65	10+22	RT	5
32	Y41	11+00	10+40	LT	5
32	Y41	11+00	10+40	RT	5
33	Y43	12+20	11+40	LT	5
			SUBTOTAL		400
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					
				TOTAL	
				SAY	

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
R-0967CC	EC-1B	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

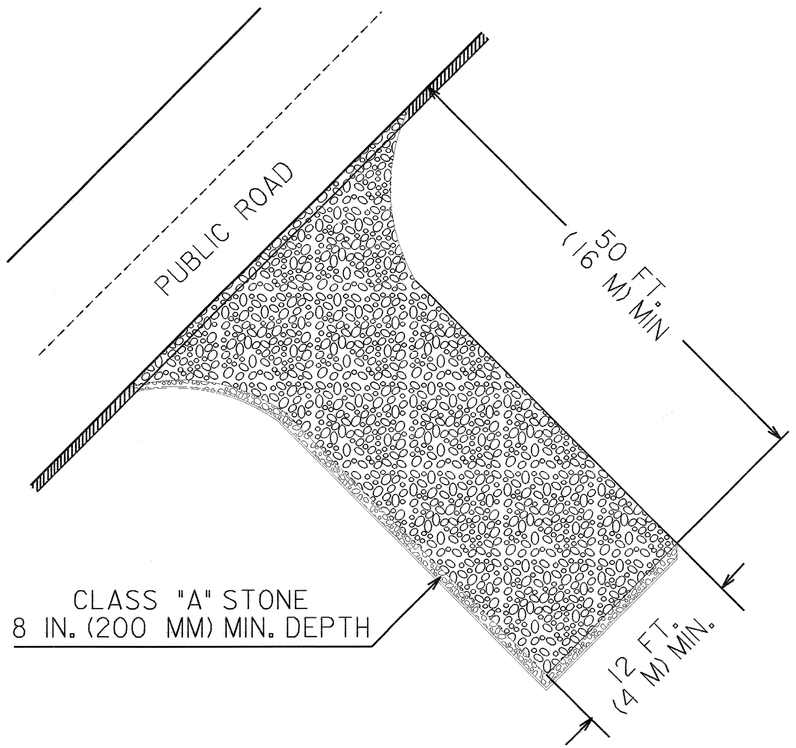
SOIL STABILIZATION SUMMARY SHEET

MATTING

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SM)
33	Y43	12+20	11+60	RT	5
34	Y45	10+80	10+20	LT	5
34	Y45	11+54	10+80	LT	5
				SUBTOTAL	415
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					8900
				TOTAL	9315
				SAY	9325

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
R-0967CC	EC-2	
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



NOTES:

1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER

NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-3/CONST.4
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

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

NAD 83

EXISITNG R/W AND EASEMENTS PURCHASED UNDER PROJECT R-967CB

PETE A. HARWARD
DB 257 PG 883

MAX EUGENE TROUBLEFIELD
DB 186 PG 454
DB 213 PG 177

EXISITNG R/W AND EASEMENTS PURCHASED UNDER PROJECT R-967CB

BIG BEAR CRK

PROP. LINE & CREEK CENTERLINE

72.000 (236.22') EXIST. R/W

62.000 (203.41') EXIST. R/W

1200 mm RAIL & ESBW

154 155 156 157

EXISTING 600 CSP W/ELBOWS

EXISTING 400 CSP W/ELBOW

EXISTING BERM DITCH

BDO

FLOW

TO BE CONSTRUCTED UNDER R-0967CB

-L- N 48° 04' 59.5" E

-BL- N 49° 41' 44.0" E

EXISTING 375

EXISTING 450

RFMOVF CROSSOVFR

BL-62 152+48.488
-L- POT 153+94.476 OFF 2.836 (RT)

-L- STA.155+70.000
BEGIN CONSTRUCTION R-0967CC

PROJECT R-0967CB
PLANS BEING PREPARED BY PBS&J
NCDOT CONTRACT - CATHY HOUSER,P.E.
ANTICIPATED LET DATE 10/03

ELTON WHITLEY
DB 130 PG 87

B (RUINS)

WEST STANLY BAPTIST CHURCH
DB 540 PG 123

10 x 4 x 1
1.5 m weir

48.652' CDR TO CDR
S04°02'42"E

12.000 CDR
S86°14'56"E

EIF

MATCHLINE -L- STA. 157+10.000 SEE SHEET 5

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 35 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-4/CONST.5
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5

NAD 83

SAM ROAD -Y38-
210 / 400
105 / 200 | 105 / 200 -L-
NC 24 / 21 | NC 24 / 21
11200 / 22100 | 11220 / 22100
ADT 2001
ADT 2030

MAX EUGENE TROUBLEFIELD
DB 186 PG 454
DB 213 PG 177

9 x 5 x 1
1.5 m weir

4 x 2 x 1
1.5 m weir

END CONSTRUCTION
-Y38- POT STA.11+00.000

-Y38- POT Sta.11+33.306

N 36° 41' 56.3" W

-Y38- PT Sta.11+10.021

-Y38- +00.000
7.527m (24.69ft)
EXIST R/W
12.192m (40.00ft)

-Y38- +00.000
7.714m (25.31ft)
EXIST R/W
12.192m (40.00ft)

-Y38- +80.000
17.000m (55.77ft)

-Y38- +80.000
17.000m (55.77ft)

-Y38- +59.377
12.192m (40.00ft)

-Y38- +59.377
12.192m (40.00ft)

-Y38- PC Sta.10+59.377

-Y38- +52.411
12.192m (40.00ft)

-Y38- +36.000
20.213m (66.32ft)

+00.000
30.480m (100.00ft)

-Y38- PT Sta.10+52.411

-Y38- +52.411
12.192m (40.00ft)
18.898m (62.00ft)

+50.000
30.480m (100.00ft)

+57.000
30.480m (100.00ft)

55-18-55
2 OS

-Y38- PC Sta.10+21.473

12 x 6 x 1
1.5 m weir

16 x 8 x 1
1.5 m weir

TIE TO MONUMENT SET UNDER PROJECT R-967CB

10 x 5 x 1

5 x 3 x 1

10 x 5 x 1
1.5 m weir

1 IRENE B. KENNEDY
DB 366 PG 346

2 IRENE B. KENNEDY
DB 366 PG 346

2A IRENE B. KENNEDY
DB 366 PG 346

3 JAMES S. KENNEDY & WF.
JANA P. KENNEDY
DB 360 PG 280

4 ALEXANDER S. BURRIS &
ANGELA M. BURRIS
DB 383 PG 988

5 PHILLIP V. HATHCOCK
DB 518 PG 335

6 LARRY VERNON COBLE
DB 370 PG 192

WEST STANLY BAPTIST CHURCH
DB 540 PG 123

BY38-I
159+40.570 -L-
54.359 (LT)

BL-63 PJNC 157+73.706
-L- POT 159+19.487 OFF 17.614 RT

-L- POT STA.159+25.000
-Y38- POT Sta.10+00.000

-L- STA.158+44.802
BEGIN R/W ACQUISITION R-0967CC

-L- STA.158+80.000
BEGIN STATE PROJECT R-0967CC

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

EXISTING BERM DITCH

EXISTING 400 CSP W/ELBOW

EXISTING 375

EXISTING 2GI

REMOVE CROSSOVER

TEMPORARY 2GI 450x375x450 TEE

TEMPORARY 2GI AND PIPE

EXISTING 450

EXISTING 375

EXISTING 2GI

N 48° 04' 59.5" E

-L-

450 RIP TO R/W

R=30.0

R=2.0

R=30.0 REM.

16.0 MEDIAN OPENING

+17.000

SPECIAL MEDIAN DITCH SEE DETAIL A

RETAIN

PDD

SQUIAR & EXTEND

+44.811
22.860m (75.00ft)

+44.802
31.080m (101.71ft)

+55.000
22.860m (75.00ft)
31.000m (101.71ft)

+00.000
22.860m (75.00ft)

+80.000
30.480m (100.00ft)

+37.757
22.860m (75.00ft)

+60.000
30.480m (100.00ft)

CLASS 'I' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 6.7 S.M.

328.035 EIP TO EIP
S 41° 5' 0.0" E

30.0 TAPER

130.0 FULL LANE

130.0 FULL LANE

53.34m ROW

MATCHLINE -L- STA. 157+10.000 SEE SHEET 4

MATCHLINE -L- STA. 160+75.000 SEE SHEET 6

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 35 FOR -L- PROFILE
SEE SHEET 52 FOR -Y38- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-5/CONST.6
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

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.

MATCHLINE -L- STA. 160+75.000 SEE SHEET 5

MATCHLINE -L- STA. 164+45.000 SEE SHEET 7

NAD 83

69.003
N35°59'57"E

JOSEPH MONROE BOWERS
DB 925 PG 845
8A

4
ALEXANDER S. BURRIS &
ANGELA M. BURRIS
DB 383 PG 988

8
LOYS P. BOWERS & WF.
LILLIE M. BOWERS
DB 185 PG 367

NANCY E. WHITLEY & HUS.
DONNIE L. WHITLEY
DB 654 PG 229
9

10 x 5 x 1

5 x 3 x 1
1.5 m weir

20 x 9 x 1
1.5 m weir

+62.000
30.480m (100.00ft)

+20.000
37.186m (122.00ft)

+70.000
30.480m (100.00ft)
38.100m (125.00ft)
40.538m (133.00ft)

13 x 6 x 1
1.5 m weir

STD. BERM DITCH
STA. 162+80 TO
STA. 164+20 -L- LT.

14 x 7 x 1
1.5 m weir

16 x 8 x 1
1.5 m weir

ROADWAY TYP.
CUT DITCH W/PSRM
SEE DETAIL D

6 x 3 x 1
1.5 m weir

+30.000
30.480m (100.00ft)
33.528m (110.00ft)

53.34m
ROW

300 TAPER

EXISTING 18.288 (60')RW

N 58° 04' 59.5" E -L-

NC 24-27 8.1 BST

N 44° 01' 57.3"E

ROD & LUG W/SLEEVE GASKETS

600 CSP
W/1 ELBOW

NO ASSOCIATED PIPING FOUND FOR THIS WM.

0.692 RW TO EIP

REMOVE

RETAIN

+82.564
22.860m (75.00ft)

+66.000
22.860m (75.00ft)
32.004m (105.00ft)

+55.533
22.860m(75.00ft)

TIE TO EX. DITCH

+33.000
22.860m (75.00ft)
38.100m (125.00ft)

+15.000
44.806m (147.00ft)

+15.000
30.480m (100.00ft)

+37.000
30.480m (100.00ft)

5 x 3 x 1

BL-64 PINC 159+86.260
-L- POT 161+32.040FF 17.735 RT

CLASS 'I' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

0.6m BASE SPECIAL
LATERAL DITCH
SEE DETAIL B

0.6m BASE SPECIAL
LATERAL DITCH W/PSRM
SEE DETAIL C

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 220 PG 599
6

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 174 PG 569
DB 370 PG 190
6

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 174 PG 569
DB 370 PG 190
6

JEFFERY C. HATHCOCK & WF.
TAMMY L. HATHCOCK
DB 349 PG 395
7

FRED H. WHITLEY
DB 100 PG 260
DB 100 PG 229
10

9 x 5 x 1
1.5 m weir

14 x 7 x 1
1.5 m weir

4 x 2 x 1
1.5 m weir

13 x 7 x 1
1.5 m weir

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 35 and 36 FOR -L- PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-6/CONST.7
CONST.REV.	R /W SHEET NO.	
R /W REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 7

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

NAD 83

MATCHLINE -L- STA. 164+45.000 SEE SHEET 6

MATCHLINE -L- STA.168+00.000 SEE SHEET 8

-L- TSSta.167+78.367

4 x 2 x 1 1.5 m weir

14 x 7 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

10 x 5 x 1 1.5 m weir

12 x 6 x 1 1.5 m weir

4 x 2 x 1 1.5 m weir

(9) NANCY E. WHITLEY & HUS. DONNIE L. WHITLEY DB 654 PG 229

(10) FRED H. WHITLEY DB 100 PG 260 DB 100 PG 229

(11) RALPH S. EUDY & WF. CAROLYN B. EUDY DB 592 PG 428

(12) RALPH S. & WF. CAROLYN B. EUDY DB 286 PG 849

(13) RALPH M. & WF. LOIS T. SEHORN DB 293 PG 485

(14) OMA HONEYCUTT DB 220 PG 27 DB 234 PG 195

ROADWAY TYP. CUT DITCH W/PSRM SEE DETAIL D

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

+57.000 30.480m (100.00ft) 35.966m (118.00ft)

+48.000 30.480m (100.00ft) 35.966m (118.00ft)

+78.367 30.480m (100.00ft)

CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.

0.6m BASE SPECIAL LATERAL DITCH SEE DETAIL E

+81.000 34.138m (112.00ft)

+60.000 44.500m (146.00ft)

+72.000 22.860m (75.00ft) 25.908m (85.00ft) 34.138m (112.00ft)

PSRM W/0.3m TUCK ALL SIDES EST. 31m²

+35.000 25.908m (85.00ft)

+00.000 22.860m(75.00ft)

+60.000 28.042m (92.00ft)

+23.000 27.534m (90.33ft)

LATERAL 'V' DITCH EST. DDE = 720 M3 SEE DETAIL F

+60.000 35.052m (115.00ft)

CHORD

N 48° 04' 59.5" E

N 53° 30' 26.3" E

COLLAR & EXTEND

CLEAN OUT

EXISTING 18.288 (60")RW

450mm CONC

375mm CONC

300mm CONC

REM.

FLOW

TSD

TD

ISFD

ISBKD

W/D RAMP

W.L.F.

BL-65 PINC 161+63.710 -L- POT 166+09.185 OFF 0.65 RT

NCCS BEANS PINC 166+49.727 -L- POT 167+94.296 OFF 18.256 RT

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 36 FOR -L- PROFILE

01-MAR-2005 13:56
D:\WORK\2005_1\R-0967CC\prod\r0967cc01.dgn
Bentley MicroStation V8 (SELECTseries 1)

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-7/CONST.8
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 8

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

NAD 83

MATCHLINE -L- STA. 168+00.000 SEE SHEET 7

MATCHLINE -L- STA. 171+40.000 SEE SHEET 9

-L- SCSta.168+42.367

-L- CSSta.169+54.627

-L- STSta.170+18.627

BL-67 PINC 167+87.831
-L- POT 169+29.667 OFF 0.683 LT

N 34° 05' 08.4" E

N 27° 53' 07.0" E

79.729
N51°29'9"E

95.377
S56°38'20"W

108.814
N40°10'W

181.299
N46°35'31"W

9
NANCY E. WHITLEY & HUS. DONNIE LL WHITLEY
DB 654 PG 229

17
CHARLES DURANT WHITLEY
DB 576 PG 990

18
TERRELL J. WHITLEY & WIFW BRENDA LEE WHITLEY
DB 365 PG 288
DB 274 PG 134

19
TALLEY FARMS
DB 873 PG 955

14
OMA HONEYCUTT
DB 220 PG 27
DB 234 PG 195

15
JERRY D. McCULLOUGH
DB 699 PG 655

16
GENEVA B. EUDY
DB 156 PG 162
DB 162 PG 576
DB 166 PG 411

15A
W. R. SWAIN & GRITA E. SWAIN
DB 873 PG 246

11 x 6 x 1
1.5 m weir

8 x 4 x 1
1.5 m weir

13 x 6 x 1
2.0 m weir

10 x 5 x 1
1.5 m weir

13 x 7 x 1
1.5 m weir

11 x 5 x 1
1.5 m weir

9 x 5 x 1
1.5 m weir

9 x 4 x 1
1.5 m weir

+05.000
30.936m
(101.49ft)

+42.367
30.480m
(100.00ft)
33.223m
(109.00ft)

+84.000
30.984m
(101.65ft)
35.966m
(118.00ft)

+54.627
30.480m
(100.00ft)

+15.000
30.556m (100.25ft)
41.148m (135.00ft)

+04.000
30.769m (100.95ft)
35.966m (118.00ft)
41.148m (135.00ft)

+00.000
35.052m
(115.00ft)

+18.627
30.480m
(100.00ft)

+08.000
30.480m (100.00ft)
33.528m (110.00ft)
39.929m (131.00ft)

+91.000
30.480m (100.00ft)
39.929m (131.00ft)

+94.000
30.480m
(100.00ft)

CLASS '1' RIP RAP
EST. 6.4 MTONS
FILTER FABRIC
EST. 14.2 S.M.

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 13.4 S.M.

CLASS 'B' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

LATERAL 'V' DITCH
W/PSRM
SEE DETAIL J

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

FLATTEN FRONT DITCH SLOPE TO MAINTAIN 10m BETWEEN PIPE END & EP

LATERAL 'V' DITCH
EST. DDE = SEE SHEET 7
SEE DETAIL F

SPECIAL CUT DITCH
SEE DETAIL G

LATERAL 'V' DITCH
EST. DDE = 182 M3
SEE DETAIL H

LATERAL 'V' DITCH
W/PSRM
EST. DDE = 61 M3
SEE DETAIL I

SPECIAL CUT DITCH
SEE DETAIL G

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 36 AND 37 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-8/CONST.9
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 9

NAD 83

AVERA M. WHITLEY & WIFE NORMA L. WHITLEY
DB 389 PG 450

45.079 N24°48'53"E

EIP

330.41 S86°01'34"E

60.964 N30°12'43"E

354.677 S86°01'53"E

53.324 N41°01'51"W

10 x 5 x 1
1.5 m weir

9 x 3 x 1
1.5 m weir

(19) TALLEY FARMS
DB 873 PG 955

(20) JOCEPHUS B. HUNETCUUTT, JR. & JOYCE W. STEELE
DB 319 PG 354

(21) SELMON T. ROGERS
DB 144 PG 20

JOSEPH S. & WF. JOANNE L. ROGERS
DB 613 PG 903
DB 660 PG 703

(22)

NCGS "STOCKTON"
BL-PINC 173+29.278 =
BY39-POT 5+00.000
-L- POT 174+67.059
OFF 17.574 LT

EASEMENT OF INGRESS, EGRESS, & REGRESS

2SBKD

CONC

1200mm WW & 2SBW

BL-68 PINC 171+41.495
-L- POT 172+82.185 OFF 19.383 LT

+74.103
30.480m
(100.00ft)

+54.828
30.480m (100.00ft)
26.516m (87.00ft)
22.860m(75.00ft)

+69.081
22.860m
(75.00ft)

+33.081
22.860m
(75.00ft)

+20.000
24.384m (80.00ft)

5 x 3 x 1

+10.103
30.480m
(100.00ft)

+75.000
30.480m
(100.00ft)

+60.000
33.528m
(110.00ft)

REMOVE EXISTING 1200mm WW & ISBW

PROPOSED 1200mm WW & ISBW

SPECIAL CUT DITCH
SEE DETAIL L

LATERAL 'V' DITCH
EST. DDE = 208 M3
SEE DETAIL F

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K

NO ASSOCIATED PIPING FOUND FOR THIS WW.

NO ASSOCIATED PIPING FOUND FOR WWS IN THIS GENERAL AREA.

60.96m ROW

53.340m ROW

MATCHLINE -L- STA. 171+40.000 SEE SHEET 8

MATCHLINE -L- STA. 174+80.000 SEE SHEET 10

N 38° 12' 56.3" E

N 27° 53' 07.0" E

N 40° 53' 52"

EXISTING 18.288 (60')RW

NC 24-27 8.4 BST

REM

48

49

50

51

52

375

2GI

0.394 EIP TO RW

0.898 EIP TO RW

CHORD

POND

300 TAPER

300 FULL LANE

CLASS 'B' RIP RAP
EST. 0.9 MTONS
FILTER FABRIC
EST. 4.2 S.M.

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

-L- SCSta.172+74.103

-L- TSSta.172+10.103

-L- CSSta.173+69.081

-L- STSta.174+33.081

+10.103
30.480m
(100.00ft)

+94.000
30.480m
(100.00ft)

+74.103
30.480m
(100.00ft)

+80.000
33.528m
(110.00ft)

+60.000
34.442m
(113.00ft)

+69.081
30.480m
(100.00ft)

+33.081
30.480m
(100.00ft)

+80.000
30.480m
(100.00ft)

18 x 9 x 1
2.0 m weir

11 x 6 x 1
1.5 m weir

14 x 7 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K

SPECIAL CUT DITCH
SEE DETAIL G

SPECIAL CUT DITCH
SEE DETAIL L

(15A) W. R. SWAIN & GRITA E. SWAIN
DB 873 PG 246

(24) EUBER A. NORTON
DB 324 PG 688
DB 256 PG 357
DB 311 PG 244
DB 382 PG 11
DB 620 PG 383

(25) AVERA M. & WF. NORMA L. WHITLEY
DB 328 PG 93
DB 288 PG 593
DB 383 PG 16

JONATHAN R. & WF. WENDY W. DANIELS
DB 588 PG 744

JOSEPH V. & WF. JEANETTE H. MORTON
DB 269 PG 638
DB 166 PG 433
DB 167 PG 107 (26)

35.283 N41°5'58"E

35.052 N41°5'58"E

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 37 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-9/CONST.10
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 10

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

NAD 83

MATCHLINE 174+80.000 SEE SHEET 9

MATCHLINE -L- STA 178+20.000 SEE SHEET 11

22 JOSEPH S. & WF. JOANNE L. ROGERS DB 660 PG 703

RICHARD S. HUNEYCUTT DB 710 PG 881

31 RICHARD S. HUNEYCUTT DB 707 PG 373

32 GLENN A. & WF. MYRTLE W. TEETER DB 341 PG 54

33 WILLIE D. & WF. GAIL T. LAWHORN DB 339 PG 154

26 JOSEPH V. & WF. JEANETTE H. MORTON DB 269 PG 638 DB 166 PG 433 DB 167 PG 107

27 JOHNNY G. POPLIN DB 383 PG 735

28 FARRELL L. SHIMPOCK & WF. DORIS SHIMPOCK DB 332 PG 791

29 FARRELL L. SHIMPOCK & WF. DORIS SHIMPOCK DB 331 PG 700

30 LOIS E. EFIRD DB 235 PG 559

DAVID WAYNE ALMOND & WIFE DONNA BURRIS ALMOND DB 325 PG 865 DB 307 PG 84

-L- POT STA.175+08.555
-Y39- POT Sta.11+30.602

BL-70 PINC 175+60.366
-L- POT 176+98.147 OFF 17.770 LT

BEGIN CONSTRUCTION
-Y39- POT STA.10+20.000

BY39-2 POT 6+59.830
-Y39- POT 10+06.720 OFF 5.263 LT

BY39-1 PINC 5+70.211
-Y39- POT 10+95.711 OFF 5.326 RT

6 x 3 x 1 1.5 m weir

+69.000 22.860m (75.00ft) 26.822m (88.00ft) 34.138m (112.00ft)

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 13.4 S.M.

+77.000 22.860m (75.00ft) 26.822m (88.00ft) 34.138m (112.00ft)

+30.000 22.860m (75.00ft) 26.822m (88.00ft)

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

7 x 3 x 1 1.5 m weir

+30.000 22.860m (75.00ft) 26.822m (88.00ft)

+00.000 22.860m (75.00ft)

18 x 9 x 1 2.0 m weir

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

+34.000 30.342m (99.55ft)
+32.000 30.000m (98.43ft) 41.000m (134.51ft)

+44.000 30.342m (99.55ft)
+45.000 30.000m (98.43ft) 41.000m (134.51ft)

0.6m BASE TAIL DITCH EST. DDE = 6 M3 SEE DETAIL Q

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 12.5 S.M.

+80.000 22.860m (75.00ft)

+00.000 22.860m (75.00ft)

16.0 MEDIAN OPENING

55-18-55 2 OS

7 x 3 x 1 1.5 m weir

-Y39- +92.000 19.767m (64.85ft)

-Y39- +85.000 12.192m (40.00ft)

-Y39- +40.000 16.459m (54.00ft)

-Y39- +20.000 7.620m (25.00ft) EXIST. R/W 12.192m (40.00ft)

+35.000 30.480m (100.00ft)

-Y39- +92.000 18.804m (61.69ft)

-Y39- +85.000 12.192m (40.00ft)

-Y39- +40.000 17.069m (56.00ft)

-Y39- +20.000 7.634m (25.05ft) EXIST. R/W 12.192m (40.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL CUT DITCH SEE DETAIL G

7 x 3 x 1 1.5 m weir

4 x 2 x 1 1.5 m weir

11 x 6 x 1 1.5 m weir

5 x 3 x 1 1.5 m weir

SPECIAL MEDIAN DITCH SEE DETAIL N

SPECIAL LATERAL 'V' DITCH SEE DETAIL O

SPECIAL CUT DITCH SEE DETAIL P

ADT 2004
ADT 2030
SR 2024 / CONVERSE ROAD

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 37 AND 38 FOR -L- PROFILE
SEE SHEET 52 FOR -Y39- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-10/CONST.11
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING
EROSION CONTROL FOR CONSTRUCTION SHEET 11

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

MATCHLINE TO SHEET 32

MATCHLINE –Y41– STA 10+60.000 SEE SHEET 32

MATCHLINE –L– STA. 178+20.000 SEE SHEET 10

MATCHLINE –L– STA 181+80.000 SEE SHEET 12

NAD 83

-L- POT STA.179+00.133
-Y40- POT Sta.11+76.795
-Y41- POT Sta.10+00.00

-Y40- PCSta.11+66.507

-Y40- PCSta.10+97.318

BEGIN CONSTRUCTION
-Y40- POT STA.10+35.000

BL-11
BL-PINC 178+13.889 =
BY40-RINC 6+56.608
-L- POT 179+51.220 OFF 2.666 LT

BY41-1POT 7+68.385
-Y40- POT 10+92.965
OFF 7.255 LT

13 x 7 x 1
1.5 m weir

16 x 8 x 1
2.5 m weir

10 x 5 x 1
2.0 m weir

5 x 2 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

24 x 12 x 1
3.0 m weir

11 x 5 x 1

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL CUT DITCH SEE DETAIL T

-L- +44.948
EXIST. R/W
22.860m (75.00ft)

+60.000
22.860m (75.00ft)
34.442m (113.00ft)

+54.000
22.860m (75.00ft)
34.442m (113.00ft)

+47.000
22.860m (75.00ft)
34.442m (113.00ft)

+44.000
22.860m (75.00ft)
28.956m (95.00ft)
34.442m (113.00ft)

-Y41- +45.000
14.630m (48.00ft)

-Y41- +40.501
19.812m (65.00ft)

CLASS 'I' RIP RAP
EST. 6.4 MTONS
FILTER FABRIC
EST. 14.2 S.M.

53.34m ROW

TIE TO EX. OUTFALL

CLASS 'B' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 5.9 S.M.

TAIL 'Y' DITCH
EST. DDE =118M3
SEE DETAIL V

0.6m LATERAL BASE DITCH
EST. DDE = 211 M3
SEE DETAIL H1

CLASS 'I' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

+76.000
22.860m (75.00ft)
30.480m (100.00ft)
70.104m (230.00ft)

+32.000
22.860m (75.00ft)
30.480m (100.00ft)

+08.000
47.549m (156.00ft)

+12.000
37.186m (122.00ft)

+22.000
33.223m (109.00ft)

+40.000
30.480m (100.00ft)

+43.000
33.223m (109.00ft)

+55.000
22.860m (75.00ft)
27.432m (90.00ft)

+00.000
22.860m (75.00ft)

+20.000
28.042m (92.00ft)

+80.000
28.042m (92.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL W

SPECIAL MEDIAN DITCH SEE DETAIL R

16.0 MEDIAN OPENING

SPECIAL CUT DITCH SEE DETAIL P

+37.000
30.480m (100.00ft)
+70.000
30.480m (100.00ft)

-Y40- +25.000
27.432m (90.00ft)

-Y40- +20.000
12.192m (40.00ft)

-Y40- +00.000
17.000m (55.77ft)

-Y40- +97.318
12.192m (40.00ft)

-Y40- +35.000
7.621m (25.00ft)
EXIST. R/W
12.192m (40.00ft)
13.716m (45.00ft)

-Y40- +25.000
7.620m (25.00ft)
EXIST. R/W

-Y40- +35.000
7.619m (25.00ft)
EXIST. R/W
12.192m (40.00ft)
18.288m (60.00ft)

-Y40- +25.000
7.620m (25.00ft)
EXIST. R/W

-L- +25.000
30.480m (100.00ft)

-L- +21.864
30.480m (100.00ft)

-Y40- +27.814
12.192m (40.00ft)

-Y40- +20.000
22.860m (75.00ft)

-Y40- +97.318
12.192m (40.00ft)

SPECIAL CUT DITCH SEE DETAIL S

SPECIAL CUT DITCH SEE DETAIL U

55-18-55
2 OS

PDE-TDE

CES

REM. SYSTEM

FS 375

FS H=0.3m

2GI

600 CSP

BDO

600 FULL LANE

600 RIGHT TURN LANE

1600 FULL LANE

EXISTING I8288 (60')RW

N 49°06'07.9" W

N 40° 53' 52" E

N 9° 27' 35.4" W

N 37° 41' 57.7" E

KENNETH L. & HELEN TEETER
DB 593 PG 374
DB 341 PG 192

CURTIS EUGENE HONEYCUTT
& WIFE VERA P. HONEYCUTT
DB 259 PG 58

KENNETH L. & HELEN TEETER
DB 345 PG 219
DB 198 PG 99

L. TRUETT&
WIFE BONNIE
S. PRESLAR
DB 379 PG 6

GLENN A. &
WF. MYRTLE W. TEETER
DB 341 PG 54

GLEN A. TEETER & WIFE
MYRTLE W. TEETER
DB 341 PG 52

GLENN A. & WF. MYRTLE W.
TEETER
DB 162 PG 310

WILLIE D. & WF.
GAIL T. LAWHORN
DB 339 PG 154

MAGDALENE
BURRIS
DB 193 PG 548

JAMES L. & WF. NANCY E. HAYWOOD
DB 354 PG 752

L.B. & WF. RUTH B. TEETER
DB 166 PG 125

DAISY P. GREENE
DB 294 PG 147

NCDOT
DB 907 PG 487

BILLY RAY CARELOCK, AND WF MARILYN
DB 286 PG 130

PHILLIP L. TEETER
DB 375 PG 607

NC 24 / 21
11230
22200

NC 24 / 27
11710
23000

ADT 2004
ADT 2030

SR 1969 / FFIRD ROAD

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 38 FOR -L- PROFILE
SEE SHEET 53 FOR -Y40- PROFILE
SEE SHEET 53 FOR -Y41- PROFILE
: PAVEMENT REMOVAL

07-MAR-2005 14:33
d:\reu\rural_pr\R967cc\roll\r0967cc11.psh
mlbaglach
PLT REV: 22-FEB-2005

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-11/CONST.12
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 12

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

NAD 83

MATCHLINE -L- STA. 181+80.000 SEE SHEET 11

MATCHLINE -L- STA. 185+45.000 SEE SHEET 13

(43) JOEY N. CARSWELL DB 579 PG 947

(44) ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

(45) A. RAY TEETER DB 220 PG 669

(46) A. RAY TEETER DB 115 PG 192

(47) ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

(48) CHARLES C. & WIFE EUNICE T. HARRINGTON DB 339 PG 884 DB 588 PG 515 DB 205 PG 91 DB 576 PG 103

(37) BILLY RAY CARELOCK, AND WF MARILYN DB 286 PG 130

(49) CORY PATRICK LAWHON DB 732 PG 161

11 x 5 x 1
+00.000 22.860m (75.00ft)
-L- POT 182+31.982 OFF 18.356 LT
-L- PINC 180+96.089

10 x 5 x 1 1.5 m weir

11 x 5 x 1 2.0 m weir
+47.000 22.860m(75.00ft) 49.073m(161.00ft)

1.2m BASE TAIL DITCH EST. DDE = 33 M3 SEE DETAIL Z

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

+85.000 22.860m(75.00ft) 27.432m(90.00ft)

+00.000 30.480m (100.00ft)

+20.000 27.432m(90.00ft) 30.480m (100.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL A1

SPECIAL CUT DITCH SEE DETAIL B1

+50.000 22.860m(75.00ft) 27.432m(90.00ft)

+70.000 22.860m(75.00ft)

+40.000 22.860m (75.00ft)

+20.000 28.346m (93.00ft)

NCGS "TEETER" -L- PINC 183+86.732 = BY42-POT 5+00.000 -L- POT 185+23.156 OFF 1.839 LT

GRADE TO DRAIN R=30.0 +93.770

SPECIAL MEDIAN DITCH SEE DETAIL C1 R=2.0

R=30.0

+24.775

NO ASSOCIATED PIPING FOUND FOR THIS WM.

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA

N 44° 08' 39.8" E

N 40° 53' 52.7" E

-L-

NC 24-27 8.4 BST

EXISTING 18.288 (60')RW

53.34m ROW

+00.000 30.480m (100.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL A1

-L- POT Sta.185+04.737
-Y42- POT Sta.11+01.268

6 x 3 x 1 1.5 m weir

11 x 6 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

-Y42- +60.394 16.764m (55.00ft)

-Y42- +55.000 12.192m (40.00ft)

-Y42- +80.000 30.480m (100.00ft)

-Y42- +00.000 7.482m (24.55ft) EXIST. R/W 12.192m (40.00ft)

BEGIN CONSTRUCTION -Y42- POT Sta.10+00.000

-Y42- +00.000 7.759m (25.45ft) EXIST. R/W 12.192m (40.00ft) 15.850m (52.00ft)

BY42-1POT 6+33.534

53.34m ROW +35.000 30.480m (100.00ft)

-Y42- +62.228 20.422m (67.00ft)

-Y42- +55.000 12.192m (40.00ft)

55-18-55 2 OS

-Y42- 57°16'46.6"W

CONC. R/W FLOW

1.59 CONC MON TO RW

1.18 CONC MON TO RW

NC 21 / 27
11/40 23000
105/200
ADT 2001
ADT 2030

-L-
NC 24 / 27
11/40 23000
105/200
400/210 -Y42-
SR 1997 / TEETER ROAD

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 38 AND 39 FOR -L- PROFILE
SEE SHEET 54 FOR -Y42- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-12/CONST.13
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 13

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

NAD 83

MATCHLINE -L- STA. 185+45.000 SEE SHEET 12

MATCHLINE -L- STA. 188+80.000 SEE SHEET 14

50 SHEARON VAN EFIRD & WIFE LYNDA N. EFIRD DB 279 PG 456 DB 288 PG 756

51 L.L.EFIRD & WIFE IDA REE EFIRD DB 112 PG 239 DB 225 PG 721

53 RUBY B. HATLEY DB 143 PG 641

54 JOESEPH H. & WIFE MONTIE LEE H. CLEM DB 387 PG 710

56 CHARLES BARRETT ALMOND & JENNINGS B. ALMOND DB 392 PG 810

57 ROBERT A. & WIFE TERESA JOHNSON DB 561 PG 684

47 ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

55 TIMOTHY S. GARDNER & TYRA B.GARDNER DB 607 PG 5 DB 582 PG 518

49 CORY PATRICK LAWHON DB 732 PG 161

58 LOIS T. MORTON DB 310 PG 603

59 JOSHUA J. MORTON JR. DB 310 PG 605

FLOYD R.BURRIS & WIFE MARGARET T. BURRIS DB 160 PG 8 DB 339 PG 860 DB 607 PG 7

NCDOT

8 x 4 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

5 x 2 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

+43.000 31.394m (103.00ft) 47.549m (156.00ft)

0.6m BASE TAIL DITCH EST. DDE = 240 M3 SEE DETAIL F1

SPECIAL CUT DITCH SEE DETAIL B1

+80.000 24.384m (80.00ft)

TIE TO EX. DITCH

SPECIAL CUT DITCH SEE DETAIL Y

+95.000 24.384m (80.00ft)

+20.000 28.042m(92.00ft)

SPECIAL CUT DITCH SEE DETAIL E1

+25.000 22.860m (75.00ft) 25.603m (84.00ft)

CLASS 'B' RIP RAP EST. 7.3 M TONS FILTER FABRIC EST. 17.6 S.M

+60.000 22.860m (75.00ft) 25.908m (85.00ft) 31.394m (103.00ft) 35.966m (118.00ft)

53.34m ROW

+84.998 (EXIST. R/W) 30.480m (100.00ft) TIE TO EXIST R/W

SPECIAL CUT DITCH SEE DETAIL D1

+69.442 (EXIST. R/W) 30.480m (100.00ft) TIE TO EXIST R/W

SPECIAL CUT DITCH SEE DETAIL P

HEAD 'V' DITCH W/PSRM EST. DDE = 85 M3 SEE DETAIL G1 EST. 165m² PSRM

+70.000 30.480m (100.00ft)

+53.000 30.480m (100.00ft)

+47.000 46.939m (154.00ft)

+33.000 30.480m (100.00ft) 46.939m (154.00ft)

10 x 4 x 1

8 x 4 x 1

15 x 8 x 1 2.0 m weir

13 x 7 x 1 2.5 m weir

16 x 8 x 1 2.0 m weir

9 x 5 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 39 FOR -L- PROFILE

07-MAR-2005 13:56
R:\Hydro\Projects\0967cc\sht13.dgn
Preliminary Not For Construction
Bateman

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-13/CONST.14
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 14

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

NAD 83

CHARLES BARRETT ALMOND & JENNINGS B. ALMOND
DB 392 PG 810
56

ENDY FIRE DEPT. INC.
894/220
61

STANLEY COUNTY BOARD OF EDUCATION
DB 324 PG 956
DB 66 PG 392
DB 66 PG 18
64

ISBK BLDG

0.6m BASE TAIL DITCH
EST. DDE = SEE SHEET 13
SEE DETAIL F1

+87.000
39.929m (131.00ft)
52.121m (171.00ft)

+55.740
22.860m (75.00ft)
25.908m (85.00ft)

+19.740
22.860m (75.00ft)
30.480m (10.00ft)

BL-74 PINC 187+61.463
-L- POT 188+97.475 OFF 19.414 LT

NCGS "ENDY"
PINC 189+61.124
-L- POT 190+94.469
OFF 18.946 LT

6 x 3 x 1
1.5 m weir

6 x 3 x 1
1.5 m weir

7 x 3 x 1
1.5 m weir

9 x 4 x 1
1.5 m weir

+53.000
30.480m (100.00ft)
33.000m (108.27ft)

+67.000
30.480m (100.00ft)
33.000m (108.27ft)

MATCHLINE -L- STA. 188+80.000 SEE SHEET 13

MATCHLINE -L- STA. 191+20.000 SEE SHEET 15

53.34m ROW

CHORD

REM.

TDE

FLOW

RET.

600mm CONC

400 mm

1450mm CONC N 43° 29' 46"E

NC 24-27 8.3 BST

300 CONC BK WALL

EXISTING 18.288 (60')RW
1.629 R/W TO CIP

N 20° 53' 52"E

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA.

MEDIAN CROSSOVER W/ PAVING BLOCKS SEE SPECIAL DETAIL

0.860 R/W

CONC R/W

450

2GI

FS

ENDY FIRE DEPT. INC.
894/220

106

375

110

2GI FS

400 CSP W/I ELBOW

ROD & LUG W/SLEEVE GASKETS

9 x 5 x 1
1.5 m weir

BDO

LUTHER J.& WIFE HELEN H. CRISCO
DB 218 PG 45
62

63

-L- SCSta.190+19.740

-L- TSSta.189+55.740

STD. BERM DITCH
STA. 189+60 TO STA. 190+20 -L- RT.

+55.740
30.480m (100.00ft)
35.052m (115.00ft)

+20.000
34.747m (114.00ft)

+19.740
30.480m (100.00ft)
35.052m (115.00ft)

+60.000
39.929m (131.00ft)

7 x 4 x 1

12 x 6 x 1
1.5 m weir

10 x 5 x 1
1.5 m weir

9 x 5 x 1

17 x 5 x 1
1.5 m weir

2SBKD

LOIS T. MORTON
DB 294 PG 805
60

NOTE: SEE SHEET 2-G FOR CURVE DATA
SEE SHEETS 2-H THRU 2-J FOR DRAINAGE DETAILS
SEE SHEETS 39 AND 40 FOR -L- PROFILE

01-MAR-2005 14:37
d:\raw\rural\c-0967cc\s\c-0967ccsht14.psh
mlaugsch AT REN(V22.1)02

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-14/CONST.15
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 15

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

SR 1256 / ENDY ROAD -Y43-
1550 / 2700
610 / 800
910 / 1900
-L-
NC 24 / 27
11740 / 23000
ADT 2004
ADT 2030
NC 24 / 27
12100 / 24100

NAD 83

MATCHLINE -Y55- STA. 10+60.000 SEE SHEET 33

MATCHLINE -Y43- STA.10+96.172 SEE SHEET 33

MATCHLINE -L- STA. 191+20.000 SEE SHEET 14

MATCHLINE -L- STA. 194+80.000 SEE SHEET 16

12 x 6 x 1 2.5 m weir

10 x 5 x 1 2.0 m weir

11 x 6 x 1 2.0 m weir

8 x 4 x 1 1.5 m weir

10 x 5 x 1 1.5 m weir

13 x 7 x 1 2.5 m weir

6 x 3 x 1 1.5 m weir

17 x 5 x 1 1.5 m weir

7 x 3 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

16 x 8 x 1 2.0 m weir

7 x 4 x 1 1.5 m weir

-Y55- PCSta.10+17.051

-Y43- POTSta.10+77.238

BEGIN CONSTRUCTION

-Y55- POT STA.10+00.000

-L- POS Sta.192+34.562

-Y43- POTSta.10+00.000

-Y43- PCSta.10+00.806

-L- CSSta.192+32.600

-L- STSta.192+96.600

-Y55- +20.000 11.857m (38.90ft)

-Y55- +80.000 17.678m (58.00ft)

-Y55- +65.000 18.074m (59.30ft) EXIST. R/W

-Y43- +37.976 22.517m (73.88ft)

+16.381 35.966m (118.00ft) EXIST. R/W

+33.000 30.480m (100.00ft)

+60.000 35.052m (115.00ft)

+18.000 41.148m (135.00ft)

+96.603 30.480m (100.00ft)

+42.626 (EXIST PROP LINE) 35.052m (115.00ft)

+42.510 30.480m (100.00ft) EXIST. PROP. LINE

+62.000 60.359m (198.03ft)

+54.452 80.579m (264.37ft)

+42.430 80.570m (264.34ft)

+56.668 35.052m (115.00ft)

+42.464 35.052m (115.00ft)

+53.[illegible] 62.77m (205.96ft)

+75.000 35.052m (115.00ft)

+10.000 22.860m (75.00ft)

+32.600 22.860m (75.00ft)

+38.831 23.019m (75.52ft)

+96.600 22.860m (75.00ft)

+58.472 35.430m (116.24ft)

+58.678 23.228m (76.21ft) CHORD

+70.809 57.388m (188.28ft)

+75.349 53.317m (174.93ft)

+20.000 22.860m (75.00ft) 30.480m (100.00ft)

+45.000 30.480m (100.00ft)

+65.000 22.860m (75.00ft) 30.480m (100.00ft)

+74.000 26.213m (86.00ft)

STANLEY COUNTY BOARD OF EDUCATION
DB 324 PG 956
DB 66 PG 392
DB 66 PG 18

BY43-2
BY43-PINC 6+66.674 =
BY55-POT 5+97.815
-Y43- POT 10+66.382
OFF 37.714 LT

0.9m BASE LATERAL DITCH EST. DDE =178 M3 SEE DETAIL J1

REM. SYSTEM

LATERAL 'V' DITCH W/PSRM EST. DDE = 45 M3 SEE DETAIL K1

TIE TO EXISTING DITCH

CLASS I RIPRAP

PROPOSED GUARDRAIL

PROP.125mm ISLAND

REMOVE EXISTING GUARDRAIL

600 CSP W/1 ELBOW ROD & LUG W/SLEEVE GASKETS

SPECIAL LATERAL 'V' DITCH W/PSRM SEE DETAIL P1

BURY BOTH ENDS 0.3m

CL I RIPRAP

BERM W/PSRM SEE DETAIL Q1

2@1050 BURY BOTH ENDS 0.3m

NCDOT DB 781 PG 393

GARRETT W. EFIRD AND WIFE JUDY A. EFIRD DB 264 PG 113

GARRETT W. EFIRD AND WIFE JUDY A. EFIRD DB 264 PG 113

BENNIE S. HAHN & WF. DIANE G. HAHN
DB 323 PG 625
DB 492 PG 465
DB 654 PG 394

ROOTWAD SEE DETAIL S1

CHANNEL CHANGE EST. DDE = 350 M3 SEE DETAIL T1

LATERAL 'V' DITCH W/PSRM EST. DDE = 30 M3 SEE DETAIL R1

CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.

FILL EX. CHANNEL

0.6m BASE LATERAL DITCH EST. DDE = SEE SHEET 16 SEE DETAIL W1

CLASS 'I' RIP RAP EST. 23.6 MTONS FILTER FABRIC EST. 46.8 S.M.

CLASS 'I' RIP RAP EST. 2 X 18.1 MTONS FILTER FABRIC EST. 2 X 32.6 S.M.

RETAIN & EXTEND 3@3.0m x 3.4m RCBC W/DEBRIS DEFLECTORS

GRADE TO DRAIN

LUTHER J. & WIFE HELEN H. CRISCO
DB 218 PG 45

LOIS T. MORTON
DB 294 PG 805

ENDY VOL. FIRE DEPT
DB 193 PG 107
DB 185 PG 222
DB 566 PG 657

GARRETT W. & WIFE JUDY A. EFIRD
DB 715 PG 132

LOIS T. MORTON
DB 310 PG 603

BL-76
BL-PINC 191+39.591 =
BY43-POT 7+61.028
-L- POT 192+68.665 OFF 22.873 RT

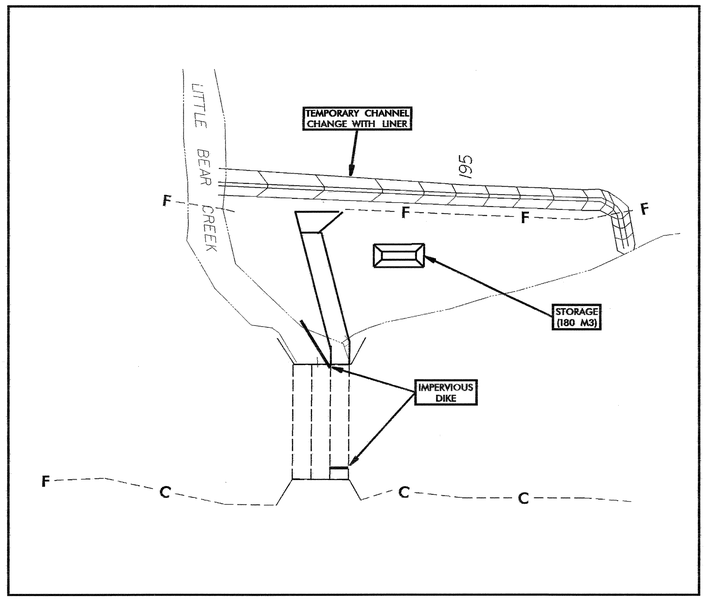
NOTE: SEE SHEET 2-G FOR CURVE DATA
SEE SHEETS 2-H THRU 2-J FOR DRAINAGE DETAILS
SEE SHEET 40 FOR -L- PROFILE
SEE SHEET 54 FOR -Y43- PROFILE
SEE SHEET 60 FOR -Y55- PROFILE
FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.
FOR PAY ITEM FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE ROADWAY PLANS.

★ NEW SIGNAL

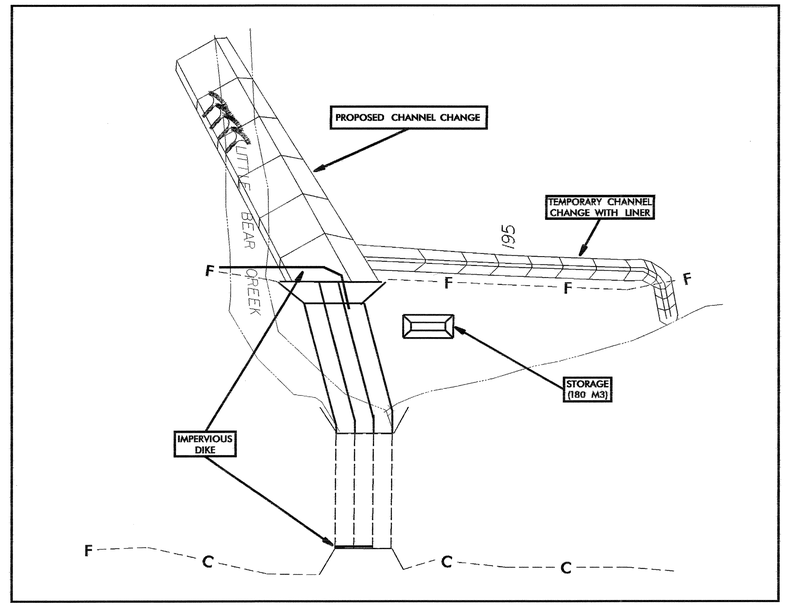
07-MAR-2005 14:02
C:\projects\R-0967c\sht15.dgn
Robertson
AT REN/263298

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10		EC-15/CONST.15
	R /W SHEET NO.	
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.		

CULVERT CONSTRUCTION SEQUENCE STA. 194+76 -L-



NAD 83



PHASE 1

1. INSTALL TEMPORARY STILLING BASIN. (180 M3)
2. CONSTRUCT TEMPORARY CHANNEL CHANGE CHANGE WITH LINER. (B=.0.6, D=0.3, SS=2:1)
3. CONSTRUCT TEMPORARY IMPERVIOUS DIKES AND DIVERT FLOW THROUGH TWO SW BARRELS.
4. CONSTRUCT EXTENSION OF NE BARREL.

PHASE II

1. CONSTRUCT INLET CHANNEL CHANGE. FILL IN EXISTING CHANNEL, INSTALL ROOTWADS AND STABILIZE.
2. INSTALL TEMPORARY IMPERVIOUS DIKES, DIVERT FLOW INTO NE BARRELS AND REMOVE PHASE I TEMPORARY IMPERVIOUS DIKES.
3. COMPLETE CONSTRUCTION OF SW BARRELS.
4. COMPLETE CHANNEL IMPROVEMENTS.
5. REMOVE TEMPORARY IMPERVIOUS DIKES.
6. COMPLETE ROADWAY CONSTRUCTION.

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-16/CONST.16
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 16

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

NAD 83

MATCHLINE -L- STA. 194+80.000 SEE SHEET 15

MATCHLINE -L- STA. 198+30.000 SEE SHEET 17

72 BENNIE S. HAHN & WIFE DIANE G. HAHN DB 323 PG 625 DB 492 PG 465 DB 654 PG 394

72 BENNIE S. HAHN & WIFE DIANE G. HAHN DB 323 PG 625 DB 492 PG 465 DB 654 PG 394

78 WILLIAM H. PREVATTE DB 593 PG 937

906 NCDOT DB 759 PG 682

922 NCDOT DB 905 PG 044

0.6m BASE LATERAL DITCH W/PSRM EST. DDE = 84 M3 SEE DETAIL W1

6 x 3 x 1 1.5 m weir

+18.000 35.052m (115.00ft)

PROPOSED 1000mm WW & 2SBW

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

0.6m BASE LATERAL DITCH EST. DDE = 290 M3 SEE DETAIL W1

14 x 7 x 1 2.0 m weir

+50.000 38.100m (125.00ft)

+40.000 38.100m (125.00ft)

CLASS 'I' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

12 x 6 x 1 2.5 m weir

+60.000 30.480m (100.00ft)

13 x 7 x 1 1.5 m weir

+80.000 35.052m (115.00ft)

+50.000 30.480m (100.00ft)

RETHA A. HAHN & WIFE LEORA W. HAHN DB 344 PG 95

71

77 BENNIE S. HAHN & WIFE DIANE G. HAHN DB 654 PG 394

60.960m ROW

PROPOSED GUARDRAIL GRAU-350

REMOVE EXISTING 1000 WW & 2SBW

PROPOSED 1000 WW & 2SBW

MATCHLINE -L- STA. 196+30.000 SEE SHEET 16

-L- N 63° 33' 32.8" E

N 61° 25' 23.4" E

N 79° 55' 38.4" E

CL B RIPRAP

160 O.T. PIPER

ASSOCIATED PIPING FOUND FOR RMs IN THIS AREA

GRADE TO DRAIN

+00.000 26.213m (86.00ft)

+00.000 22.860m (75.00ft) 30.480m (100.00ft)

+50.000 26.213m (86.00ft)

+80.000 28.956m (95.00ft)

+60.000 26.518m (87.00ft)

+60.000 22.860m (75.00ft) 30.480m (100.00ft)

DO NOT DISTURB SIGN

SPECIAL CUT DITCH SEE DETAIL Y1

14 x 7 x 1 2.0 m weir

9 x 4 x 1 1.5 m weir

8 x 4 x 1 2.0 m weir

JOHN E. BRUTON & WIFE EDNA K. BRUTON DB 231 PG 214

74

75 JEFFREY M. HEATHERLY & WIFE LINDA M. HEATHERLY DB 518 PG 626

76 BLANCHE S. ALMOND DB 150 PG 283 DB 505 PG 860

BL-77 PINC 196+34.910 -L- POT 197+63.839 OFF 4.493 RT

80 MARIE S. SIMPLER DB 945 PG 925

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 40 AND 41 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-17/CONST.17
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 17

NAD '83

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

922 NCDOT DB 905 PG 044

902 NCDOT DB 727 PG 094

JIMMY W. AND WIFE ROSA V. BOHANNON DB 354 PG 166

BRUCE G. ALMOND & WIFE GWENDOLYN L. ALMOND DB 571 PG 441 DB 155 PG 324 DB 179 PG 460

86 DAVID M. HINSON & WIFE ROBIN M. HINSON DB 862 PG 145

79 FAT CAT CUSTOMS, INC. DB 614 PG 74

908 NCDOT

MATCHLINE –L– STA.198+30.000 SEE SHEET 16

MATCHLINE –L– STA. 201+80.000 SEE SHEET 18

-L- TSSta.200+36.153

-L- SCSta.201+00.153

13 x 6 x 1 2.0 m weir

13 x 6 x 1 1.5 m weir

16 x 8 x 1 2.0 m weir

15 x 7 x 1 1.5 m weir

12 x 6 x 1 2.0 m weir

14 x 7 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

12 x 6 x 1 2.0 m weir

12 x 6 x 1 1.5 m weir

+50.000 30.480m (100.00ft) 35.052m (115.00ft)

+35.516 (EXIST PROP. LINE) 32.608m (106.98ft)

+20.000 30.480m (100.00ft)

+34.874 (EXIST PROP. LINE) 30.480m (100.00ft)

TIE TO EXISTING RIGHT OF WAY

+55.462 (EXIST PROP. LINE) 30.480m (100.00ft)

TIE TO EXISTING RIGHT OF WAY

SPECIAL CUT DITCH SEE DETAIL U1

RETAIN & EXTEND 2@2.4m x 1.8m RCBC

0.6m BASE LATERAL DITCH W/CL. I RIP RAP EST. DDE = 77 M3 SEE DETAIL Z1

LATERAL BASE DITCH EST. DDE = 194 M3 SEE DETAIL X1

CLASS 'I' RIP RAP EST. 13.6 MTONS FILTER FABRIC EST. 25.1 S.M.

TEMPORARY DRAINAGE EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

EXISTING R/W

REMOVE EXISTING GUARDRAIL

RETAIN EXIST GUARDRAIL

REMOVE EXCESS EXIST. GUARDRAIL

BEGIN EXIST. GUARDRAIL REMOVAL

PROP. A-1 130.0 FULL LANE

+/-COLLAR & EXTEND THROUGH WW

REM. 1.2m

RETAIN

REMOVE

PLUG

SPECIAL CUT DITCH SEE DETAIL Y1

NCGS "KEITH" PINC 197+32.928 -L- POT 198+57.884 OFF 32.115 RT

LANDSCAPE TIMBER

METAL MAINTENANCE, INC. DB 498 PG 660

81

80 MARIE S. SIMPLER DB 945 PG 925

82 BRUCE GENE ALMOND & WIFE GWENDOLYN DIANE ALMOND DB 780 PG 255

CL. I RIP RAP EST. 28 TONS 17m FILTER FABRIC

+99.000 30.480m (100.00ft) 49.987m (164.00ft)

+17.000 30.480m (100.00ft)

+36.153 35.052m (115.00ft)

+36.000 49.987m (164.00ft)

+60.000 34.119m (111.94ft)

+00.153 30.480m(100.00ft) 33.528m(110.00ft)

+30.000 30.480m (100.00ft) 32.918m (108.00ft)

TDE

PROPOSED 1000mm WW & 5SBW FENCE

REMOVE EXISTING 1000mm WW & 5SBW

CHORD LATERAL 'V' DITCH EST. DDE = 142 M3 SEE DETAIL A2

LATERAL BASE DITCH EST. DDE = 118 M3 SEE DETAIL X1

BL-79 PINC 199+19.965 -L- POT 200+42.488 OFF 2.054 RT

STD. BERM DITCH STA. 201+23 TO STA. 202+20

SPECIAL CUT DITCH W/PSRM SEE DETAIL B2

CLASS 'I' RIP RAP EST. 3.6 MTONS FILTER FABRIC EST. 8.4 S.M.

DAVID M. AND WIFE ROBIN M. HINSON DB 342 PG 39 DB 340 PG 346

85

84 DAVID M. AND WIFE ROBIN M. HINSON DB 611 PG 968

83 E. ALLEN & WIFE TRACY A. GADDY DB 550 PG 900

GRADE TO DRAIN

16.0 MEDIAN OPENING

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 41 FOR -L- PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10		EC-18/CONST.17
	R /W SHEET NO.	
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.		

PHASE I

1. INSTALL TEMPORARY STILLING BASIN (100 M3).
2. INSTALL TEMPORARY CHANNEL CHANGE WITH LINER AND PORTION OF PROPOSED LATERAL BASE DITCH. (B=0.6 M, D=0.9 M, SS=2:1)
3. CONSTRUCT TEMPORARY IMPERVIOUS DIKES.
4. CONSTRUCT UPSTREAM EXTENSION OF W. BARREL AND PROPOSED INLET CHANNEL(WEST BANK), LEAVING AN APPROPIATE OPENING FOR THE PROPOSED 600 RCP.

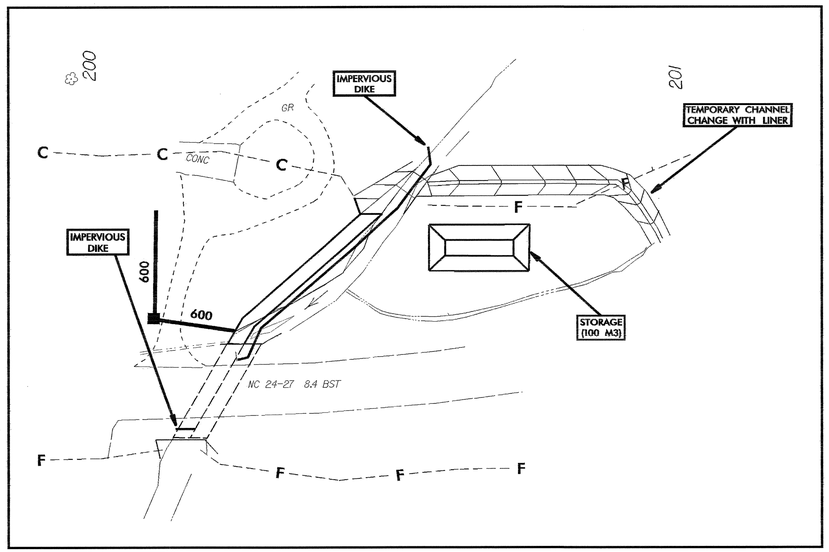
PHASE II

5. REMOVE PHASE I IMPERVIOUS DIKES.
6. INSTALL PHASE II TEMPORARY IMPERVIOUS DIKES.
7. DIVERT FLOW INTO WESTERN BARREL.
8. CONSTRUCT UPSTREAM EXTENSION OF THE E. BARREL AND PROPOSED INLET CHANNEL WORK. (EAST BANK)

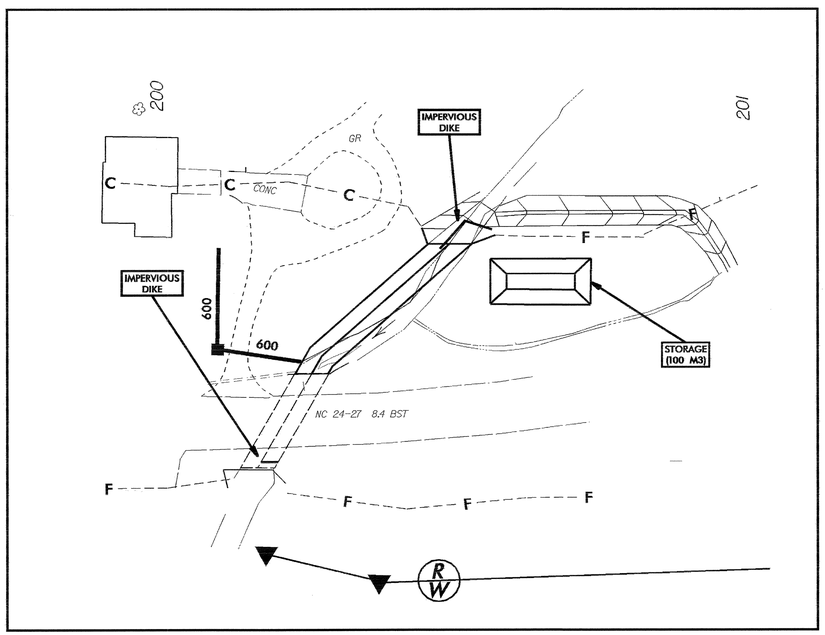
PHASE III

9. INSTALL TEMPORARY STILLING BASIN(45 M3).
10. INSTALL PHASE III TEMPORARY CHANNEL CHANGE WITH LINER AND PORTION OF PROPOSED LATERAL BASE DITCH (B=0.6 M, D=0.6 M, SS=2:1)
11. REMOVE PHASE II IMPERVIOUS DIKES.
12. CONSTRUCT WESTBOUND LANES AND SHIFT TRAFFIC UPON COMPLETION.
13. INSTALL PHASE III IMPERVIOUS DIKES AND TEMPORARY 450 MM PIPE.
14. REMOVE 1.2M +/- OF EXISTING 450 RCP NEAR OUTLET OF THE EXISTING CULVERT, ELBOW AND EXTEND THIS PIPE WITH A TEMPORARY 450 MM PIPE, ANCHORING BOTH ENDS THROUGH THE IMPERVIOUS DIKE.
15. CONSTRUCT DOWNSTREAM CULVERT EXTENSION, LEAVING APPROPIATE OPENING FOR 450 RCP IN WESTERN WINGWALL. REMOVE TEMPORARY 450 MM PIPE AND ELBOW, THEN COLLAR AND EXTEND 450 RCP THROUGH WINGWALL.
16. COMPLETE STREAM CHANNEL IMPROVEMENTS AND ROADWAY CONSTRUCTION.

PHASE I

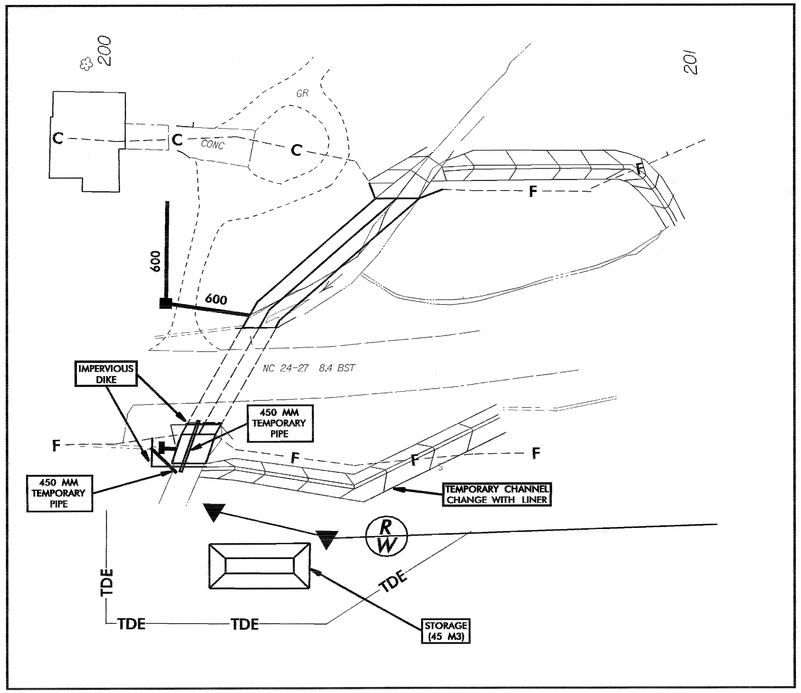


PHASE II



NAD 83

PHASE III



CULVERT CONSTRUCTION SEQUENCE STA. 200+25 -L-

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-19/CONST.18
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 18

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

NAD 83

MATCHLINE -L- STA. 201+80.000 SEE SHEET 17

MATCHLINE -L- STA. 205+10.000 SEE SHEET 19

-L- CSSta.201+83.230

-L- STSta.202+47.230

BL-80 PINC 202+74.903
-L- POT 203+99.078 OFF 18.087 LT

86 DAVID M. HINSON & WIFE ROBIN M. HINSON DB 862 PG 145

87 MICHAEL B. MORGAN DB 344 PG 98

88 CROPSIE TREECE HOWELL DB 348 PG 691

MICHAEL B. MORGAN DB 344 PG 98

89 HUBERT A. MORGAN DB 169 PG 200

12 x 6 x 1 2.0 m weir

12 x 6 x 1 1.5 m weir

+83.230 30.480m (100.00ft)

+47.230 30.480m (100.00ft)

SPECIAL CUT DITCH SEE DETAIL D1

CHORD

SPECIAL CUT DITCH W/PSRM SEE DETAIL E2

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 12.5 S.M.

+10.000 30.480m (100.00ft) 38.100m (125.00ft)

TAIL 'V' DITCH EST. DDE = 5 M3 SEE DETAIL V

+89.000 30.480m (100.00ft) 38.100m (125.00ft)

TIE INTO EXISTING DITCH

TDE

REMOVE

COLLAR & EXTEND

N 50° 10' 30.2" E

W 49° 30' 51.7" E

NO ASSOCIATED PIPING FOUND FOR WM & GENERAL AREA

EXISTING 18.288 (60')RW

NC 24-27 8.4 BST

600 mm DLK DITCH

+90.000 35.966m (118.00ft)

+20.000 35.966m (118.00ft)

STD. BERM DITCH STA. 201+23 TO STA. 202+20

+80.000 30.480m (100.00ft) 45.110m (148.00ft)

0.6m BASE HEAD DITCH EST. DDE = 62 M3 SEE DETAIL C2

+05.000 30.480m (100.00ft) 45.110m (148.00ft)

+00.000 33.223m (109.00ft)

+20.000 30.480m (100.00ft)

+50.000 30.480m (100.00ft) 32.918m (108.00ft)

TIE TO EXISTING DITCH

+80.000 30.480m (100.00ft)

11 x 5 x 1 1.5 m weir

14 x 7 x 1 1.5 m weir

8 x 4 x 1 2.0 m weir

12 x 6 x 1 2.0 m weir

16 x 8 x 1 1.5 m weir

NCDOT DB 781 PG 695

NCDOT DB 742 PG 708

SONYA P. TUCKER DB 846 PG 771

NO CLAIM GEORGE A. HATHCOCK DB 1004 PG 868 DB 707 PG 340

85 DAVID M. AND WIFE ROBIN M. HINSON DB 342 PG 39 DB 340 PG 346

93 M. GENE ALMOND & WIFE JEANNETTE D. ALMOND DB 269 PG 125

94 M. GENE ALMOND & WIFE JEANNETTE D. ALMOND DB 243 PG 248

95 M. GENE ALMOND & WIFE JEANETTE D. ALMOND DB 376 PG 122

96

97

912

905

EXISTING R/W 9.144 (30.00')

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 41 AND 42 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-20/CONST.19
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 19

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

NAD 83

NCGS "CLETUS" PINC 205+39.601
-L- POT 206+62.968 OFF 1.692 LT

BL-82 PINC 207+16.820
-L- POT 208+37.375
OFF 22.469 LT

MATCHLINE -L- STA. 205+10.000 SEE SHEET 18

MATCHLINE -L- STA. 208+60.000 SEE SHEET 20

MICHAEL B. MORGAN
DB 344 PG 98

HUBERT A. MORGAN
DB 169 PG 200

MICHAEL B. MORGAN
DB 350 PG 798

RAY JUNIOR SMITH
DB 330 PG 770
DB 311 PG 767

RICHARD STEVE PERKINS
DB 619 PG 66

ROBERT P. KELLY & WIFE
CAROLYN M. KELLY
DB 323 PG 303

ROBERT P.KELLY & WIFE CAROLYN KELLY
DB 220 PG 501

BETH K. SPEIGHTS
DB 577 PG 37

JIMMY WILLIAM LAMBERT & BILL H. LAMBERT
DB 337 PG 901

NCDOT
DB 742 PG 708

GEORGE A. HATHCOCK
DB 1004 PG 868
DB 707 PG 340
NO CLAIM

M. GENE ALMOND & WIFE JEANETTE D. ALMOND
DB 376 PG 122

GARY O'NEAL KING & WIFE JOYCE BOONE KING
DB 488 PG 598

JIMMY W. LAMBERT & BILLY H. LAMBERT
DB 738 PG 609

RALPH C.& WIFE VIRGINIA C. EURY
DB 365 PG 251

JANE CLARK CHEEK
DB 364 PG 567

WILLIAM D.&WIFE CAROL ANN MARSH

BOYD C. MILLER& FIGENE A.

10 x 5 x 1
1.5 m weir

7 x 3 x 1
1.5 m weir

15 x 5 x 1
1.5 m weir

14 x 7 x 1
2.0 m weir

13 x 6 x 1
1.5 m weir

10 x 5 x 1
1.5 m weir

19 x 9 x 1
2.0 m weir

12 x 6 x 1
2.0 m weir

+76.289
30.480m
(100.00ft)

+40.289
30.480m
(100.00ft)

+14.000
30.480m
(100.00ft)

+85.000
30.480m
(100.00ft)

+40.000
38.100m
(125.00ft)

+80.000
34.747m
(114.00ft)

+00.000
38.100m
(125.00ft)

+40.000
30.480m
(100.00ft)

+50.809
30.480m
(100.00ft)
32.918m
(108.00ft)

+27.000
30.480m
(100.00ft)

+80.000
43.891m
(144.00ft)

+09.000
43.282m
(142.00ft)

+18.007
30.480m
(100.00ft)

-L- TSSta.205+76.289

-L- SCSta.206+40.289

-L- CSSta.207+54.007

-L- SRSta.208+18.007

CLASS 'I' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

LATERAL 'V' DITCH
W/CL 'B' RIP RAP
EST. DDE = 8 M3
SEE DETAIL F2

ROD AND LUG W/
SLEEVE GASKETS

LATERAL 'V' DITCH W/PSRM
EST. DDE = 324 M3
SEE DETAIL D1

TIE ROADWAY CUT DITCH
INTO EXISTING DITCH

SPECIAL CUT DITCH
W/PSRM
SEE DETAIL E2

LATERAL 'V' DITCH
EST. DDE = 175 M3
SEE DETAIL H

LATERAL 'V' DITCH W/PSRM
EST. DDE = 3 M3
SEE DETAIL D1

TIE INTO EXISTING DITCH

COLLAR & EXTEND

REMOVE

NO ASSOCIATED PIPING FOUND FOR WM= IN THIS GENERAL AREA.

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 42 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-21/CONST.20
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 20

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

15 x 8 x 1 2.0 m weir

10 x 5 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

8 x 3 x 1

8 x 4 x 1 1.5 m weir

9 x 4 x 1 1.5 m weir

18 x 5 x 1 1.5 m weir

15 x 8 x 1 2.0 m weir

12 x 6 x 1 2.0 m weir

12 x 6 x 1 1.5 m weir

NAD 83

118 DIANE LATON TALBERT DB 287 PG 716 DB 570 PG 254

102 BETH K. SPEIGHTS DB 577 PG 37

120 ROY E. DICK & WIFE RUTH L. DICK DB 130 PG 175

119 DIANE LATON TALBERT DB 547 PG 378 DB 193 PG 700

121 KAY SELLS EUDY DB 898 PG 881

122 PANSY EFIRD MORTON DB 355 PG 808

123 JOSEPH W. KIKER & WIFE DORIS H. KIKER DB 268 PG 677

124 HUBERT N. RUSSELL & WIFE EDITH W. RUSSELL DB 518 PG 141

125 ALAN KENT TUCKER DB 377 PG 672

126 ALAN KENT TUCKER &WIFE CHRISTIH. TUCKER DB 577 PG 754 DB 651 PG 880

KENNETH D.JONES & WIFE KAY M. JONES DB 378 PG 778

NCGS "CITGO" BL-PINC 209+10.964 = BY45-PINC 6+80.603 -L- POT 210+34.894 OFF 3.689 LT

-L- ST Sta. 210+58.314

-L- CS Sta. 209+94.314

-Y46- POT Sta. 11+30.319

END CONSTRUCTION -Y46- POT STA. 11+20.000

-Y46- PT Sta. 10+71.336

-Y46- PC Sta. 10+11.865

-L- SC Sta. 208+82.007

-L- POT Sta. 208+60.000

-Y45- POT Sta. 18+59.151

-Y45- POT Sta. 10+00.000

-L- PC Sta. 209+90.618

-Y46- +30.000 8.201m (26.91ft) EXIST. R/W

TIE INTO EXISTING DITCH

-Y46- +20.000 8.098m (26.57ft) EXIST. R/W 10.363m (34.00ft)

-Y46- +30.000 7.040m (23.10ft) EXIST. R/W

-Y46- +20.000 7.143m (23.44ft) 9.449m (31.00ft)

-Y46- +00.000 17.678m (58.00ft)

-Y46- +00.000 17.678m (58.00ft)

-Y46- +60.000 20.117m (66.00ft)

-Y46- +44.914 16.764m (55.00ft)

-Y46- +71.336 12.192m (40.00ft)

-Y46- +71.336 12.192m (40.00ft)

-Y46- +50.000 12.192m (40.00ft)

-Y46- +60.000 30.480m (100.00ft)

-Y46- +46.875 17.678m (58.00ft)

+82.007 30.480m (100.00ft)

+58.314 26.213m (86.00ft)

+10.000 31.699m (104.00ft)

+25.671 30.480m (100.00ft)

GRADE TO DRAIN

MAINTAIN PART OF EXISTING PAVEMENT TO USE AS DRIVEWAY ACCESS

PROPOSED GUARDRAIL BARRIER

90' RIGHT TURN TAPER

SPECIAL CUT DITCH SEE DETAIL G2

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL CUT DITCH SEE DETAIL G2

+65.000 30.480m (100.00ft)

55-18-55 2 OS

+15.000 30.480m (100.00ft)

+74.127 30.480m (100.00ft)

+23.000 30.480m (100.00ft)

+24.000 38.000m (124.67ft)

+59.228 30.480m (100.00ft)

-Y45- +20.000 17.490m (57.38ft)

-Y45- +18.000 16.229m (53.25ft)

-Y45- +10.000 9.144m (30.00ft)

-Y45- +10.000 9.144m (30.00ft)

+30.000 38.000m (124.67ft)

+30.000 30.480m (100.00ft)

+64.000 30.480m (100.00ft) 42.977m (141.00ft)

+60.000 22.860m (75.00ft) 26.213m (86.00ft)

+78.086 54.714m (179.51ft)

+99.301 55.158m (180.96ft)

+77.344 63.678m (208.92ft)

+78.000 30.480m (100.00ft) 42.977m (141.00ft)

TAIL 'V' DITCH EST. DDE = 89 M3 SEE DETAIL V

TAIL 'V' DITCH EST. DDE = 7 M3 SEE DETAIL V

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

CROSS-PIPE END MIN. 10m FROM FLATTEN FILL SLOPE ACCORDINGLY

COLLAR & EXTEND

CLEAN OUT

RETAIN

G/R BARRICADE

REMOVE

REMOVE 26M+/-

PLUG

TIE INTO EXISTING DITCH

NON-EXCLUSIVE R/W FOR INGRESS & EGRESS

53.340m R/W

16.0 MEDIAN OPENING

HORIZON OUTDOOR ADVERTISING INC. DB 584 PG 961

NCDOT DB 730 PG 690

NCDOT DB 867 PG 361

SHELIA T. ALEXANDER, WIDOW DB 275 PG

DONNY LANE FESPERMAN DB 299 PG 965 DB 353 PG 802 DB 489 PG 465

DONNIE M. BROOKS & WIFE MERLE A. BROOKS DB 369 PG 217

DUSTI LYNN ALEXANDER HANCOCK DB 778 PG 390

THE ESTATE OF WILLIE C. HINSON DB 244 PG 93 NO CLAIM

106 CLAUDE CLARK & WIFE LEORA CLARK DB 379 PG 945

107 CONCORD TELEPHONE COMPANY DB 390 PG 156

105 RALPH C. EURY & WIFE VIRGINIA C. EURY DB 227 PG 20

JAMES L. LINGERFELT & WIFE SYLVIA BLAKE LINGERFELT DB 364 PG 644

MATCHLINE -L- STA 208+60.000 SEE SHEET 19

MATCHLINE -L- STA. 212+20.000 SEE SHEET 21

MATCHLINE -Y45- STA.12+00.000 SEE SHEET 34

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 42 AND 43 FOR -L- PROFILE
SEE SHEET 55 FOR -Y45- PROFILE
SEE SHEET 56 FOR -Y46- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-22/CONST.21
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

SR 1312 / ODELL DRIVE
ADT 2004
ADT 2030
NC 24 / 27
12500
21800
105
200
-Y47A-
105
200
L-L-
NC 24 / 27
12500
24800

NAD 83

BY47-1POT 5+00.000
-Y47- POT 11+33.943
OFF 5.904 RT

S 50° 16' 18.0" W

-Y47- POT Sta.11+69.973

-Y47- PT Sta.11+61.105

-Y47- PCC Sta.11+24.722
END CONSTRUCTION
-Y47- POC STA.11+20.000

-Y47- PC Sta.10+71.201

-Y47- PT Sta.10+32.467

-Y47- PC Sta.10+15.371

-L- POT Sta.214+38.130
-Y47- POT Sta.10+00.000

-Y47-+30.000
6.481m
(21.26ft)

-Y47-+20.000
10.060m
(33.00ft)

-Y47-+00.000
13.106m
(43.00ft)

-Y47-+30.000
8.771m (28.78ft)

-Y47-+20.000
8.048m(26.41ft)
12.192m(40.00ft)

-Y47-+71.201
12.192m
(40.00ft)

-Y47-+60.000
17.069m
(56.00ft)

-Y47-+47.373
12.192m
(40.00ft)

-Y47-+44.397
18.535m (60.81ft)

+03.222
28.449m(93.34ft)

+35.000
27.899m(75.00ft)
25.603m(84.00ft)

+00.000
25.603m
(84.00ft)

+80.000
29.566m(97.00ft)

+80.000
24.384m(80.00ft)

+40.000
26.213m(86.00ft)

-Y47-+80.000
15.240m
(50.00ft)

-Y47-+50.000
7.733m
(25.37ft)

-Y47-
+40.000
15.240m
(50.00ft)

+60.000
27.127m
(89.00ft)

+60.000
22.86m
(75.00ft)

+33.000
30.480m (100.00ft)
35.052m (115.00ft)

+22.000
30.480m (100.00ft)
35.052m (115.00ft)

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

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

ALAN K.&WIFE CHRISTI TUCKER
DB 555 PG 425

ALAN KENT TUCKER
&WIFE CHRISTI H. TUCKER
DB 577 PG 754
DB 651 PG 880

126

BL-84 PINC 211+10.348
-L- POT 212+33.691
OFF 19.365 LT

127

JAMES ED BURLESON & WIFE LULA BURLESON
DB 597 PG 463

128

CHRISTOPHER NEIL BURLESON
DB 823 PG 142

129

DONALD M. BOWERS
DB 223 PG 274

BL-85
BL-PINC 213+23.638 =
BY47-POT 6+33.452
-L- POT 214+46.336
OFF 2.787 LT

117

DONNY LANE FESPERMAN
DB 299 PG 965
DB 353 PG 802
DB 489 PG 465

130

CLAUDE EUGENE HINSON
DB 633 PG 321

131

BARBARA PREVOST
DB 597 PG 463

CLAUDE EUGENE HINSON
DB 244 PG 115

920

NCDOT
DB 912 PG 303

1327

LARRY J. & WIFE
KIMBERLY H. McILWAINE
DB 579 PG 63

133

GILBERT EDWARD HUNEYCUTT &
WIFE LINDA S. HUNEYCUTT
DB 225 PG 271

JOHNNY A. & WIFE CARRIE E. MCILWAINE
DB 393 PG 321

MATCHLINE -L- STA. 212+20.000 SEE SHEET 20

MATCHLINE -L- STA. 215 SEE SHEET 22

6 x 3 x 1
1.5 m weir

9 x 4 x 1
1.5 m weir

10 x 5 x 1
1.5 m weir

8 x 4 x 1

6 x 3 x 1

4 x 2 x 1

15 x 7 x 1
2.0 m weir

14 x 6 x 1
1.5 m weir

15 x 8 x 1
2.0 m weir

8 x 4 x 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K2

SPECIAL CUT DITCH
SEE DETAIL T

SPECIAL CUT DITCH
SEE DETAIL Y

MEDIAN DITCH
SEE DETAIL "R"

CLASS 'B' RIP RAP
EST. 2.7 MTONS
FILTER FABRIC
EST. 9.2 S.M.

CLASS 'B' RIP RAP
EST. 0.9 MTONS
FILTER FABRIC
EST. 4.2 S.M.

PSRM W/0.3m TUCK
ALL SIDES
EST. 44m²

FLATTEN FILL SLOPE TO
MAINTAIN 10m MINIMUM
DISTANCE BETWEEN
EP & PIPE END

RETAIN

REMOVE

REMOVE SYSTEM

PLUG

TIE TO
EXIST. R/W

TDE

55-18-55
2 OS

2GI

14.0
MEDIAN
OPENING

NO ASSOCIATED PIPING
FOUND IN THIS
GENERAL AREA.

53.340m
ROW

130.0 FULL LANE

30.0 TAPER

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 43 FOR -L- PROFILE
SEE SHEET 56 FOR -Y47- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-23/CONST.22
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 22

TIE INTO EXISTING DITCH

-Y48- +20.000 9.144m(30.00ft) 11.278m(37.00ft) 12.192m(40.00ft)

-Y48- +30.000 9.144m(30.00ft)

5 x 3 x 1 1.5 m weir

SPECIAL CUT DITCH SEE DETAIL S

RETAIN

KIM D. MORGAN DB 315 PG 536

136

-Y48- POT STA.11+20.000 END CONSTRUCTION

-Y48- +00.000 15.240m (50.00ft)

-Y48- +00.000 11.278m (37.00ft)

-Y48- +20.000 9.144m(30.00ft) 11.278m(37.00ft) 12.192m(40.00ft)

-Y48- +00.000 11.278m (37.00ft)

-Y48- +60.000 16.154m (53.00ft)

6 x 3 x 1 1.5 m weir

CROSS-PIPE END MINIMUM 10m FROM -L- EP FLATTEN FRONT DITCH SLOPE ACCORDINGLY

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

-Y48- +40.000 15.545m(51.00ft)

129

DONALD M. BOWERS DB 223 PG 274

135

FRED L. MORGAN & WIFE VIRGINIA F. MORGAN DB 223 PG 278

-Y48- +80.000 18.000m (59.05ft)

BL-87 PINC 216+38.781 -L- POT 217+59.289 OFF 4.453 RT

USGS "WDL 52" BL-PINC 217+67.266 = BY49-POT 5+00.000 -L- POT 218+87.429 OFF 1.953 RT

BL-86-A BL-PINC 215+37.211 = BY48-POT 5+74.351 -L- POT 216+59.486 OFF 16.303 LT

7 x 4 x 1 1.5 m weir

-L- TSSta.216+53.788

9 x 5 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

-L- STSta.218+85.297

NAD 83

-L- POSSta.218+55.806

-Y49- POTSta.11+56.796

-L- CSSta.218+21.297

+56.000 35.813m (117.50ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

+35.000 22.86m (75.00ft)

+00.000 25.298m (83.00ft)

SPECIAL CUT DITCH SEE DETAIL S

-Y48- +50.000 12.192m (40.00ft)

-Y48- PTSta.10+59.626

-Y48- +46.000 20.025m (65.70ft)

+17.788 30.480m (100.00ft)

-Y48- PCSta.10+19.494

+21.297 30.480m (100.00ft)

+85.297 30.480m (100.00ft)

CHORD

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

FOR CONSTRUCTION SEQUENCING OF PIPE, SEE TRAFFIC CONTROL PLANS SHEET TCP-4, NOTE#00

RETAIN FROM DETOUR /DRAINAGE

SPECIAL MEDIAN DITCH SEE DETAIL O2

MATCHLINE -L- STA. 215+60.000 SEE SHEET 21

MATCHLINE -L- STA. 219+00.000 SEE SHEET 23

238 239 239A 240 241 241A 242 243 243A 244 244A 245

REMOVE

PLUG

RETAIN

SPECIAL CUT DITCH SEE DETAIL Y

LATERAL 'V' DITCH EST. DDE = 198 M3 SEE DETAIL M2

TAIL 'V' DITCH EST. DDE =53 M3 SEE DETAIL L2

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

CLASS 'I' RIP RAP SEE SHEET 22-A FOR QUANTITY

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 142 S.M.

+53.788 30.480m (100.00ft)

+82.000 30.17m (98.99ft) 39.914m (128.00ft)

+79.000 30.191m (99.05ft) 48.158m (158.00ft)

+99.000 30.170m (98.98ft) 34.442m (113.00ft) 48.158m (158.00ft)

+91.000 30.144m (98.90ft) 39.014m (128.00ft)

+17.788 30.480m (100.00ft)

+96.500 30.480m (100.00ft) 37.490m (123.00ft) 43.890m (144.00ft)

+06.500 30.480m (100.00ft) 37.490m (123.00ft) 43.890m (144.00ft)

+26.061 38.100m (125.00ft)

-Y49- +00.000 16.764m (55.00ft)

-Y49- +80.000 20.117m (66.00ft)

-Y49- PCSta.10+71.44

-Y49- +70.000 19.202m (63.00ft)

-Y49- +60.000 20.117m (66.00ft)

HDWL

-Y49- PTSta.11+42.128

+92.668 22.860m (75.00ft)

+86.812 29.566m (97.00ft)

TIE EXISTING DITCH -Y49- +18.000 22.329m (73.26ft)

-Y49- +15.000 20.552m (67.43ft)

-Y49- +00.000 25.908m (85.00ft)

-Y49- +00.000 32.918m (108.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL N2

-Y49- +73.000 22.990m (75.43ft) 27.127m (89.00ft)

CLASS 'I' RIP RAP EST. 9.1 MTONS FILTER FABRIC EST. 19.2 S.M.

-Y49- +42.000 13.716m (45.00ft)

-Y49- +40.000 17.000m (55.77ft)

-Y49- +20.000 9.144m(30.00ft) 13.716m(45.00ft)

-Y49- +66.000 23.470m (77.00ft) 27.127m (89.00ft)

-Y49- +45.000 13.716m (45.00ft)

-Y49- +20.000 9.144m(30.00ft) 13.716m(45.00ft)

GRADE TO DRAIN

SPECIAL LATERAL 'V' DITCH SEE DETAIL N2

55-18-55 2.0 OS

+21.557 30.480m (100.00ft)

+71.090 30.480m (100.00ft)

+71.110 30.480m (100.00ft)

+92.668 22.860m (75.00ft)

+86.812 29.566m (97.00ft)

+85.297 30.480m (100.00ft)

+21.297 30.480m (100.00ft)

+17.788 30.480m (100.00ft)

BY48-IPOT 5+00.000 -Y48- POT 10+82.556 OFF 5.584 RT

SPECIAL CUT DITCH SEE DETAIL S

-L- SCSta.217+17.788

-L- POTSta.216+80.736

-Y48- POTSta.10+00.000

133

GILBERT EDWARD HUNEYCUT & WIFE LINDA S. HUNEYCUTT DB 225 PG 271

134

RAPHU A. SPEIGHTS DB 224 PG 223

138

TOLA I. EFIRD & WIFE DAISY LEE EFIRD DB 125 PG 12 DB 70 PG 227

7 x 3 x 1 1.5 m weir

16 x 8 x 1 2.0 m weir

9 x 4 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

7 x 3 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

BEGIN CONSTRUCTION -Y49- POT STA.10+20.000

NC 24 / 27 12600 24900 105 200 210 400 ADT 2001 ADI 2030 SR 1964 / WYATT ROAD

NC 24 / 27 12700 25100 315 600 -Y49-

SR 1288 / THOMPSON ROAD 310 500 -Y48- 105 200 205 300 -L-L- NC 24 / 27 12500 21800 NC 24 / 27 12600 21900 ADI 2004 ADT 2030

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 43 AND 44 FOR -L- PROFILE
SEE SHEET 57 FOR -Y48- PROFILE
SEE SHEET 57 FOR -Y49- PROFILE
SEE SHEET 22A FOR DETOUR

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-24/CONST.23
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 23

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

NAD 83

MATCHLINE -L- STA. 219 + 00.000 SEE SHEET 22

MATCHLINE -L- STA. 222 + 50.000 SEE SHEET 24

135 FRED L. MORGAN & WIFE VIRGINIA F. MORGAN DB 223 PG 278

137 JASON E. THOMPSON & REBA M. THOMPSON DB 594 PG 110

140 WENDELL DEAN BOWERS & WIFE ROBIN SMITH BOWERS DB. 527 PG. 939

141 MARVIN T. BOWERS & WIFE PAULINE L. BOWERS DB 390 PG 831

142 MARVIN T. BOWERS & WIFE PAULINE L. BOWERS DB 164 PG 311

147 KING CAROL BURLESON & WIFE BILLIE E. BURLESON DB 369 PG 367

146 PINE GROVE METHODIST CHURCH DB 501 PG 80 DB 149 PG 14 DB 174 PG 123 DB 121 PG 32

138 TOLA I. EFIRD & WIFE DAISY LEE EFIRD DB 125 PG 12 DB 70 PG 227

139 J. RAYMOND EFIRD & WIFE BERTIE T. EFIRD DB 162 PG 302 DB 609 PG 841

HOWARD K. SMITH & WIFE VERA M. SMITH DB 261 PG 576

MURIEL S. BURLESON & WIFE TAMMIE S. BURLESON DB 504 PG 713

9 x 4 x 1 1.5 m weir

12 x 6 x 1 1.5 m weir

13 x 7 x 1 2.0 m weir

13 x 8 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

12 x 5 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

7 x 3 x 1

SPECIAL LATERAL 'V' DITCH SEE DETAIL P2

SPECIAL CUT DITCH SEE DETAIL Q2

SPECIAL MEDIAN DITCH SEE DETAIL O2

COLLAR & EXTEND

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

-L- N 41° 35' 21.9" E

N 46° 49' 29.4" E

BL-89 PINC 219+58.722 -L- POT 220+78.086 OFF 19.423 RT

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 44 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-25/CONST.24
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV. _____

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 24

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

NAD 83

MATCHLINE -L- STA. 222+50.000 SEE SHEET 23

MATCHLINE -L- STA. 226+00.000 SEE SHEET 25

9 x 5 x 1 1.5 m weir

16 x 8 x 1 2.0 m weir

15 x 8 x 1 2.0 m weir

16 x 8 x 1 2.0 m weir

11 x 6 x 1 1.5 m weir

12 x 6 x 1 2.5 m weir

145 J. BRICE BURLESON & WIFE BETTY R. BURLESON JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON DB 515 PG 517

143 BOWERS FARMS, INC DB 338 PG 834

144 KATHLEEN EFIRD DB 162 PG 194

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON DB 683 PG 102

NCDOT 904 ISBKD

BL-90 PINC 223+92.850 -L- POT 225+11.905 OFF 3.049 RT

+70.000 30.480m (100.00ft)

+80.000 30.480m (100.00ft)

+20.000 34.138m (112.00ft)

+50.000 34.138m (112.00ft)

+90.000 30.480m (100.00ft)

+73.845 (EXIST R/W) 30.480m (100.00ft)

53.340m ROW

NEW R/W

PROPOSED GUARDRAIL

GRAU 350

COLLAR & EXTEND

SPECIAL MED. DITCH SEE DETAIL R2

REMOVE EXISTING GUARDRAIL

RETAIN

SPECIAL CUT DITCH SEE DETAIL T2

SPECIAL LATERAL 'V' DITCH SEE DETAIL P2

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

+70.000 22.860m (75.00ft)

+40.000 26.518m (87.00ft)

+37.000 22.860m (75.00ft) 39.014m (128.00ft)

+00.000 28.042m (92.00ft)

+80.000 28.042m (92.00ft)

+10.000 30.480m (100.00ft)

+60.000 26.518m (87.00ft)

+60.000 22.860m (75.00ft)

CLASS 'I' RIP RAP EST. 13.6 MTONS FILTER FABRIC EST. 25.1 S/M. 0.6m BASE TAIL DITCH W/PSRM EST. DDE = 25.5 M3 SEE DETAIL S2

+40.000 22.860m (75.00ft) 64.922m (213.00ft)

+25.000 22.860m (75.00ft) 26.518m (87.00ft) 39.014m (128.00ft) 64.922m (213.00ft)

N 4° 35' 21.9" E

N 39° 26' 40.6" E

147 KING CAROL BURLESON & WIFE BILLIE E. BURLESON DB 369 PG 367

147A HOWARD K. SMITH & WIFE VERA M. SMITH DB 261 PG 576

148 EARL THOMAS CHRISTENBURY, JR. NANCY CHRISTENBURY HIGDON JUDY CHRISTENBURY COTTER DB 639 PG 838

149 BOBBY JOE EUDY & WIFE NANCY L. EUDY DB 217 PG 101

150 F.L. MORGAN & WIFE VIRGINIA L. MORGAN DB 218 PG 150

151 EARL D. TAYLOR WIFE FAYE R. TAYLOR DB 382 PG 821

152 DANNY E. FEATHERSTONE DB 352 PG 132

153 MAX D. THOMPSON & WIFE ANNA A. THOMPSON DB 220 PG 339

MURIEL S. BURLESON & WIFE TAMMIE S. BURLESON DB 504 PG 713

NO ASSOCIATED DWELLING OR FARM IN THIS GENERAL AREA.

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 44 AND 45 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-26/CONST.25
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

SR 1258 / NEWT ROAD
630 -Y50-
1200
215 500
415 700
NC 24 / 27
12700
25100
NC 24 / 27
12900
25300
ADT 2004
ADT 2030

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

CLEARING AND GRUBBING
EROSION CONTROL FOR CONSTRUCTION SHEET 25

NAD 83

END CONSTRUCTION
-Y50- POC STA.11+20.000

-L- POS Sta.228+00.983
-Y50- POTSta.10+00.000

-Y50- PCSta.10+58.329

-L- TSSta.227+63.952

-L- SCSta.228+27.952

BL-91
BL-PINC 226+84.201=
BY50-POT 6+30.318
-L- POT 228+03.194 OFF 18.805 RT

BY50-POT 5+00.000
-Y50- POT 11+11.908
OFF 24.072 RT

MATCHLINE -L- STA. 226+00.000 SEE SHEET 24

MATCHLINE -L- STA. 229+40.000 SEE SHEET 26

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 683 PG 102 (158)

JEFFREY N. BURLESON
DB 579 PG 520 (159)

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 571 PG 195
DB 515 PG 366 (158A)

COUNTY OF STANLY
DB 381 PG 392 (160)

BOBBY RAY GREENE & WIFE BECKY COTTON GREENE
DB 717 PG 054 (161)

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 683 PG 102 (904)

RODGER DALE JONES
DB 330 PG 157 (156)

BETTY B. AUSTIN
DB 312 PG 948 (155)

MAX D. THOMPSON & WIFE ANNA A. THOMPSON
DB 247 PG 609 (154)

LINDA HENRY & SHARON SHAVER
DB 294 PG 289 (157)

STANLEY COUNTY NEWSPAPERS, INC.
DB 388 PG 441 (168)

8 x 4 x 1
2.0 m weir

10 x 4 x 1
1.5 m weir

12 x 5 x 1
1.5 m weir

11 x 5 x 1
1.5 m weir

9 x 5 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

12 x 5 x 1
1.5 m weir

14 x 7 x 1
2.0 m weir

16 x 7 x 1
1.5 m weir

11 x 6 x 1
1.5 m weir

4 x 2 x 1

8 x 4 x 1

13 x 6 x 1
2.0 m weir

9 x 4 x 1
1.5 m weir

7 x 3 x 1
1.5 m weir

SPECIAL LATERAL 'V' DITCH SEE DETAIL W

SPECIAL CUT DITCH SEE DETAIL W2

SPECIAL CUT DITCH W/PSRM SEE DETAIL X2

SPECIAL CUT DITCH W/PSRM SEE DETAIL V2

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL 'V' DITCH SEE DETAIL M

HEAD 'V' DITCH EST. DDE = 46 M3 SEE DETAIL U2

LATERAL 'V' DITCH EST. DDE = 337 M3 SEE DETAIL Y2

CLASS 'I' RIP RAP EST. 11.8 MTONS FILTER FABRIC EST. 25.1 S.M.

CLASS 'I' RIP RAP EST. 19.1 MTONS FILTER FABRIC EST. 39.3 S.M.

CLASS 'B' RIP RAP EST. 0.9 MTONS FILTER FABRIC EST. 4.2 S.M.

RETAIN SYSTEMS

PROPOSED GUARDRAIL

REMOVE EXISTING GUARDRAIL

SPECIAL CUT DITCH SEE DETAIL Z2

16.0 MEDIAN OPENING

300 FULL LANE

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 45 FOR -L- PROFILE
SEE SHEET 58 FOR -Y50- PROFILE

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 26

METRIC

5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-27/CONST.26
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

NAD 83

CARL RAY CULP
DB 213 PG 259
162

ELSIE M. BURLESON
DB 111 PG 12
DB 108 PG 68
DB 102 PG 140
DB 102 PG 137
164

CARL RAY CULP
DB 104 PG 237
163

MARVIN A. BROOKS & WIFE ANNETTE S. BROOKS
DB 354 PG 372
165

LARRY WAYNE HARWOOD & WIFE JILL C. HARWOOD
DB 255 PG 264
166

BOBBY RAY GREENE & WIFE BECKY COTTON GREENE
DB 717 PG 054
161

11 x 6 x 1
2.0 m weir

14 x 6 x 1
2.5 m weir

10 x 5 x 1
2.0 m weir

BL-92 PINC 228+71.020
-L- POT 229+86.482 OFF 19.936 LT

MATCHLINE -L- STA. 229+40.000 SEE SHEET 25

MATCHLINE -L- STA. 232+80.000 SEE SHEET 27

+72.521
30.480m
(100.00ft)

LATERAL 'V' DITCH
EST. DDE = SEE SHEET 25
SEE DETAIL Y2

CHORD

+36.521
30.480m
(100.00ft)

SPECIAL CUT DITCH
SEE DETAIL P

+00.000
22.860m(75.00ft)
25.298m(83.00ft)
30.480m(100.00ft)

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

+80.000
28.651m(94.00ft)

SPECIAL CUT DITCH
SEE DETAIL Y

+25.000
25.298m(83.00ft)

+60.000
28.042m(92.00ft)

REMOVE

REMOVE SYSTEM

REMOVE

+72.521
30.480m
(100.00ft)

-L- CSSta.229+72.521

SPECIAL CUT DITCH
SEE DETAIL Z2

-L- ST Sta.230+36.521

+36.521
30.480m
(100.00ft)

+92.000
30.480m
(100.00ft)

18 x 9 x 1
2.0 m weir

15 x 7 x 1
2.0 m weir

+00.000
37.490m
(123.00ft)

18 x 9 x 1
2.5 m weir

+50.446
(EXIST. R/W)
30.480m
(100.00ft)

STANLEY COUNTY NEWSPAPERS, INC.
DB 388 PG 441
168

ELVIE THOMPSON CULP
DB 201 PG 98
169

RANDY C. & WIFE BRENDA G. COLE
DB 372 PG 436
170

WILLIAM H. GARLAND & WIFE MONICA GARLAND
DB 297 PG 9
171

DWIGHT K. EFIRD & WIFE RUTH C. EFIRD
DB 366 PG 872

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 45 AND 46 FOR -L- PROFILE
SEE SHEET 26A FOR DETOUR

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-28/CONST.27
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 27

NAD 83

SEE SHEET 26

MATCHLINE –L– STA. 232+80.000 SEE SHEET 27

MATCHLINE –L– STA. 236+20.000 SEE SHEET 28

LEITA GAY LOVE DB 330 PG 839

EARLENE M. NANNIE DB 298 PG 67

BILLY JOE MURRAY DB 345 PG 835

PAUL J. SMITH DB 341 PG 530

DONNIE D. HATLEY DB 535 PG 927

CLARENCE D. HINSON & WIFE ETHEL B. HINSON DB 126 PG 288

BOBBY RAY MCLESTER & WIFE ALLENE M. MCLESTER DB 534 PG 850

CLARENCE CROWELL & WIFE DORIS CROWELL DB 285 PG 897

CLARENCE CROWELL & WIFE DORIS CROWELL DB 366 PG 130 DB 166 PG 472

RAYMOND S.BURLESON & WIFE BEULAH B. BURLESON DB 370 PG 673 DB 285 PG 900 DB 174 PG 617 DB 131 PG 434

CITY OF ALBEMARLE DB 376 PG 83

BAXTER R.HOWELL&WIFE GLADYS HILL HOWELL DB 165 PG 216 DB 366 PG 874

MALCOLM F. PALMER HEIRS DB 124 PG 581

MALCOLM F. PALMER HEIRS DB BK 124 PG 581

TOM THUMB ROAD

MORTON RD

-Y5I- POT Sta.11+11.492

RETAIN

BY5I-POT 5+00.000 -Y5I- POT 11+07.906 OFF 3.412 RT

BL-93 BL-PINC 232+08.459 = BY5I-POT 6+08.360 -L- POT 233+22.799 OFF 1.426 LT

END CONSTRUCTION -Y5I- POT STA.11+00.000

-L- TSSta.233+52.606

-L- SCSta.234+16.606

-L- CSSta.235+14.268

-L- STSta.235+78.268

-L- POT Sta.233+38.257 -Y5I- POT Sta.10+00.000

EL-94 PINC 233+87.263 -L- POT 235+03.416 OFF 4.314 LT

ADT 2004 ADT 2030

NC 24 / 27 12900 25300

NC 24-27 13000 25400

7 x 3 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

12 x 5 x 1 1.5 m weir

12 x 5 x 1 2.0 m weir

6 x 3 x 1

16 x 8 x 1 3.0 m weir

13 x 6 x 1 1.5 m weir

13 x 6 x 1 1.5 m weir

25 x 12 x 1 2.5 m weir

-Y5I- +05.000 9.144m(30.00ft)

-Y5I- +90.000 9.144m(30.00ft) 12.802m(42.00ft)

-Y5I- +90.000 9.144m(30.00ft) 12.802m(42.00ft)

-Y5I- +80.000 17.069m(56.00ft)

-Y5I- +45.000 12.802m (42.00ft)

-Y5I- +36.607 18.676m (61.273ft)

+13.738 28.042m (92.00ft)

+10.000 22.860m (75.00ft)

-Y5I- +40.000 12.802m (42.00ft)

-Y5I- +38.000 22.250m (73.00ft)

+65.000 30.480m (100.00ft)

+65.000 22.860m (75.00ft)

+23.364 30.480m (100.00ft)

+24.503 22.860m (75.00ft)

+14.268 30.480m (100.00ft)

+78.267 30.480m (100.00ft)

+80.527 30.480m (100.00ft)

+00.000 33.500m (109.91ft)

+88.000 33.052m (115.00ft)

+52.606 30.480m (100.00ft) & 33.500m (109.908ft)

+05.000 30.000m (98.43ft), 33.500m (109.908ft) & 56.500m (185.37ft)

+27.000 56.500m (185.37ft)

+28.000 30.480m (100.00ft)

+50.000 30.480m (100.00ft) 36.357m (116.00ft)

+43.000 30.480m (100.00ft) & 46.939m (154.00ft)

+63.000 56.083m (184.00ft)

+78.000 30.480m (100.00ft)

+66.000 30.480m (100.00ft) 35.357m (116.00ft)

+14.268 30.480m (100.00ft)

+45.000 34.138m (112.00ft)

+78.268 30.480m (100.00ft)

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

REMOVE EXISTING GUARDRAIL

SPECIAL LATERAL 'V' DITCH SEE DETAIL C3

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

PROPOSED GUARDRAIL TIE TO EX. DITCH

SPECIAL MED. DITCH SEE DETAIL "R2"

RETAIN. & EXTEND 2@2.4mx1.8m RCBC

TOE PROTECTION SEE DETAIL E3

CHANNEL CLEANOUT SEE DETAIL D3 CL. I RIP RAP EST. 32 TONS EST. 49 m² FILTER FABRIC

PROPOSED PUMP STATION SEE UTILITY PLANS

UTILITIES WITHIN PERIMETER FENCE OF PUMP STATION HAVE NOT BEEN DEPICTED.

REMOVE SYSTEM

GRADE TO DRAIN

SPECIAL CUT DITCH W/PSRM SEE DETAIL A3

LINE CUT DITCH W/PSRM SEE DETAIL B3

PROPOSED GUARDRAIL

REMOVE EXISTING 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

60.960m ROW

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 46 FOR -L- PROFILE
SEE SHEET 58 FOR -Y5I- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
	EC-29/CONST.27
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

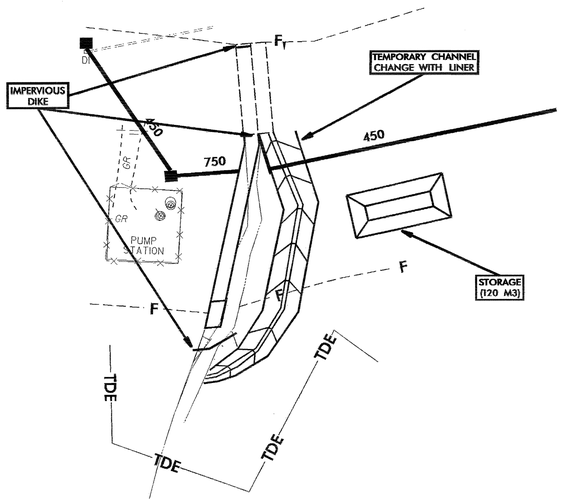
CONST.REV.

R /W REV.

CULVERT CONSTRUCTION SEQUENCE STA. 234+68 -L-

PHASE I

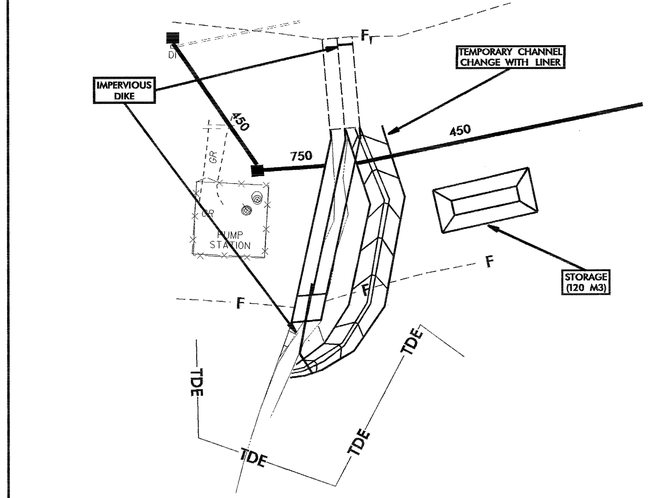
1. INSTALL TEMPORARY STILLING BASIN (120 M3).
2. CONSTRUCT TEMPORARY CHANNEL CHANGE WITH LINER. (B=0.6 M, D=0.6 M, SS=2:1)
3. INSTALL IMPERVIOUS DIKES AND DIVERT FLOW INTO TEMPORARY CHANNEL CHANGE.
4. CONSTRUCT PROPOSED EXTENSION OF SW BARREL.



NAD 83

PHASE II

5. REMOVE PHASE I IMPERVIOUS DIKES.
6. INSTALL PHASE II IMPERVIOUS DIKES AND DIVERT FLOW INTO SW BARREL.
7. COMPLET CONSTRUCTION OF PROPOSED NE BARREL.
8. COMPLETE CHANNEL IMPROVEMENTS AND ROADWAY CONSTRUCTION.



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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 28

METRIC

5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-30/CONST.28
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

NAD 83

MATCHLINE -L- STA. 236+20.000 SEE SHEET 27

MATCHLINE -LTRANS RT- STA. 239+60.000 SEE SHEET 29

MICHAEL A.WILLIAMS &WIFE LISA H. WILLIAMS DB 658 PG 59

182

IRVIN V. DEGGELLER & WIFE EVELYN DEGGELLER DB 357 PG 604

183

RAYMOND S.BURLESON & WIFE BEULAH B. BURLESON DB 370 PG 673 DB 285 PG 900 DB 174 PG 617 DB 131PG 434

181

184

RAYMOND BURLESON & WIFE BEULAH MAE BURLESON DB 285 PG 900 DB 370 PG 673

WAYNE B. KING & TAMMY L. KING DB 618 PG 49

STEVEN R. BOWERS DB 504 PG 889

186

TERI KING PADEN DB 504 PG 16

CLAUDINE B. HINSON DB 523 PG 128

187

BETTY A. KING & ROBERT L. KING DB 578 PG 873

185

10 x 5 x 1 1.5 m weir

14 x 7 x 1 2.0 m weir

6 x 3 x 1 1.5 m weir

18 x 9 x 1 2.0 m weir

27 x 14 x 1 3.5 m weir

-L- POT Sta.238+50.000

-LTRAN LT- POT Sta.238+50.000 OFF 10.6

-LTRAN RT- POT Sta.238+50.000 OFF 10.6

NCGS "GARDEN" PINC 236+84.654 -L- POT 238+01.144 OFF 18.243 LT

-LTRAN LT- STA 238+92.370 19.880m (65.22ft)

-LTRAN LT- STA 238+92.930 12.800m (42.00ft)

-L- STA 238+50.000 30.480m (100.00ft)

-LTRAN LT- STA 238+92.544 17.678m (58.00ft)

-LTRAN LT- STA 238+92.930 12.800m (42.00ft)

-LTRAN LT- STA 239+50.000 21.031m (69.00ft)

-LTRAN LT- STA 239+20.000 17.374m (57.00ft)

-LTRAN LT- N 38° 21' 00.1" E

-LTRAN RT- N 38° 21' 00.1" E

-L- N 38° 21' 00.1" E

N 36° 11' 06.3" E

N 41° 36' 09.7" E

SPECIAL CUT DITCH SEE DETAIL W2

SPECIAL MEDIAN DITCH SEE DETAIL F3

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL LATERAL 'V' DITCH W/PSRM SEE DETAIL V1

TIE EX. DITCH

TIE TO EXISTING SWALE

GRADE TO DRAIN

REMOVE SYSTEM

REMOVE EXISTING 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

RETAIN

NO ASSOCIATED PIPING FOUND FOR THIS WM.

EXISTING 18-288 (60') RW

+38.000 34.138m (112.00ft)

+70.000 30.480m (100.00ft)

+08.000 30.480m (100.00ft)

+19.000 38.710m (127.00ft)

+40.000 40.538m (133.00ft)

-LTRAN RT- STA. 239+04.000 19.880m (65.22ft) 27.127m (89.00ft)

-LTRAN RT- STA. 239+13.000 19.880m (65.22ft) 27.127m (89.00ft)

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 14.2 S.M.

-L- STA 238+50.000 30.480m (100.00ft) -LTRAN RT- STA 238+50.000 19.880m (65.22ft)

174

MALCOLM F. PALMER HEIRS DB BK 124 PG 581

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 46 AND 47 FOR -L- PROFILE
SEE SHEET 48 FOR -LTRANLT- PROFILE
SEE SHEET 50 FOR -LTRANRT- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-31/CONST.29
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV. _____

R/W REV.

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

MATCHLINE -LTRANS RT- STA. 239+60.000 SEE SHEET 28

MATCHLINE -LTRANS RT- STA. 243+00.000 SEE SHEET 30

END CONSTRUCTION -Y52- POT STA.11+30.000

-LTRAN LT- TSSta.239+74.533

-LTRAN LT- SCSta.240+46.533

-LTRAN RT- TSSta.239+70.901

-LTRAN RT- SCSta.240+42.901

-LTRAN/LT- POCSta.241+55.664

-Y52- POTSta.10+00.000

-Y52- PTSta.10+85.286

-Y52- PCSta.10+12.163

BL-96
BL-PINC 240+44.021 = BY52-PINC 7+07.234
-LTRANRT- POC 241+56.516 OFF 23.075 LT

NAD 83

ROSS ALEXANDER HUNEYCUTT DB 613 PG 269

JOHN E. EUDY & WIFE DEBBIE H. EUDY DB 504 PG 74

DOUGLAS E. LEVY & WIFE JANET LEVY DB 313 PG 602

TERI KING PADEN DB 504 PG 16

WILLIAM L. FAULKNER & WIFE CAROLYN S. FAULKNER DB 263 PG 900

FRANK E. HATLEY & WIFE WILMA W. HATLEY DB 164 PG 265

DAVID J. HATLEY & WIFE JEANETTE HATLEY DB 225 PG 328

AUBREY H. EFIRD CO., INC. DB 257 PG 994

AUBREY H. EFIRD CO., INC. DB 258 PG 91

DOUGLAS D. STOKES DB 375 PG 494 DB 206 PG 509

GEORGE T. WINECOFF DB 488 PG 61 DB 210 PG 90

CLAUDINE B. HINSON DB 523 PG 128

MAX M. HINSON & WIFE CLAUDINE B. HINSON DB 167 PG 175

HUBERT L. ALMOND & WIFE HELEN G. ALMOND DB 176 PG 31

SOUTH CENTRAL OIL CO., INC. DB 340 PG 978

MALCOLM F. PALMER HEIRS DB BK 124 PG 581

BOY SCOUTS OF AMERICA CENTRAL N.C. COUNCIL, INC DB 691 PG 950

BOY SCOUTS OF AMERICA CENTRAL N.C. COUNCIL, INC DB 241 PG 58

HARVEY W. GOUCH & WIFE LOUISE C. GOUCH DB 334 PG 524

MAGGIE LOWDER DB 93 PG 221

SR 1249 / CANTON ROAD
3100 -Y52- 6400
1000 1800 2400 4600
NC 24 / 21 13000 25400
-L-K- NC 24 / 21 14600 28200
ADT 2004
ADT 2030

13 x 7 x 1 2.5 m weir

14 x 6 x 1 2.5 m weir

12 x 5 x 1

17 x 9 x 1 3.5 m weir

20 x 9 x 1 2.0 m weir

19 x 9 x 1 2.5 m weir

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 29

★ NEW SIGNAL

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 48 FOR -LTRANLT- PROFILE
SEE SHEET 50 FOR -LTRANRT- PROFILE
SEE SHEET 59 FOR -Y52- PROFILE
: PAVEMENT REMOVAL

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 30

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

METRIC
5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-32/CONST.30
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

NAD 83

GEORGE T. WINECOFF
DB 488 PG 61
DB 210 PG 90

STANLEY COMMUNITY COLLEGE FOUNDATION, INC.
DB 533 PG 522
198

STANLEY COMMUNITY COLLEGEFOUNDATION INC.
DB 275 PG 945
DB 296 PG 841
199

STANLEY COMMUNITY COLLEGE FOUNDATION, INC.
DB 275 PG 945
DB 296 PG 841

JEHU F.HILL AND WIFE MAGGIE A.HILL
DB 198 PG 33
200

JEHU F. AND WIFE MAGGIE A.HILL
DB 223 PG 77

JAMES R. BOGLE & WIFE LINDA JO BOGLE
DB 948 PG 930
201

JAMES F. BOGLE
DB 210 PG 353
202

JULIA P. CARPENTER
WB 102 PG 221
DB 95 PG 145
203

HARVEY W. GOUCH & WIFE LOUISE G. GOUCH
DB 334 PG 524
197

SAMUEL G. GRIFFIN, DBA ALBEMARLE ANIMAL CLINIC & WIFE KATHRYN P. GRIFFIN
DB 368 PG 190

CITY OF ALBEMARLE (APPROX. LIMITS)

-LTRAN LT- POC Sta.243+80.983
-Y53- POT Sta.10+00.000

-Y53- PTSta.11+46.137

-Y53- PCSta.10+14.314

-LTRAN LT- STA 244+92.572
19.262m (63.19ft)

-LTRAN LT- STA 245+12.000
28.042m (92.00ft)
SPECIAL LATERAL 'V' DITCH
SEE DETAIL P3

-LTRAN LT- STA 245+75.000
24.079m (79.00ft)

-LTRAN LT-
STA 245+92.000
19.507m (64.00ft)

-LTRAN RT- STA 244+00.000
25.603m (84.00ft)

-LTRAN RT- STA 244+45.000
19.880m (65.22ft)

-LTRAN RT- STA 244+62.163
15.162m (49.75ft)

-LTRAN RT- STA 244+59.901
19.880m (65.22ft)

-Y53- +46.137
18.288m (60.00ft)

-Y53- +40.000
25.603m(84.00ft)

-Y53- +20.000
28.042m(92.00ft)

-Y53- +00.000
31.080m(102.00ft)

-Y53- +80.018
30.785m(101.00ft)

-Y53- +87.824
21.031m(69.00ft)

-Y53- +88.300
18.288m (60.00ft)

-Y53- +20.000
18.288m (60.00ft)

-Y53- +43.200
26.855m(88.11ft)

-Y53- +70.000
25.231m(82.78ft)

BY53-IPINC 6+41.245
-Y53- POT 11+32.974
OFF 16.804 LT

BY53-2 POT 7+65.004
-Y53- POT 12+54.155
OFF 9.062 LT

-Y53- POT Sta.13+10.214
END CONSTRUCTION
-Y53- POT STA.13+00.000

NCGS "INTERNATIONAL"
BL-PINC 242+62.166 =
BY53-POT 5+00.000
-LTRANRT- POC 243+70.000
OFF 12.264 LT

BL-98 PINC 244+59.767
-LTRANRT- POC 245+66.817
OFF 6.332 RT

7 x 3 x 1

13 x 7 x 1
2.0 m weir

17 x 9 x 1
2.5 m weir

17 x 9 x 1
2.0 m weir

20 x 10 x 1
2.0 m weir

13 x 6 x 1
2.5 m weir

18 x 8 x 1
2.0 m weir

6 x 3 x 1

CLASS 'I' RIP RAP
EST. 9.1 MTONS
FILTER FABRIC
EST. 19.2 S.M.

CLASS 'I' RIP RAP
EST. 19.1 MTONS
FILTER FABRIC
EST. 39.3 S.M.

CLASS 'B' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 5.9 S.M.

0.6m BASE SPECIAL LATERAL DITCH
SEE DETAIL N3

0.9m BASE SPECIAL LATERAL DITCH
SEE DETAIL L3

0.9m BASE
HEAD DITCH
SEE DETAIL M3
EST. DDE = 650 M3
EST. 375m² PSM

FILL EX. DITCH

REMOVE 13m+/-

REMOVE 4m+/-

DO NOT DISTURB VAULTS

RETAIN SYSTEM

RETAIN EX. DITCH

REM. SYSTEM

EX JB

JB w/MH

TIE TO EXIST. DITCH

TIE TO EX. DITCH

SPECIAL CUT DITCH w/PSRM
SEE DETAIL E2

SPECIAL CUT DITCH
SEE DETAIL Y1

SPECIAL MEDIAN DITCH
SEE DETAIL R2

SPECIAL MEDIAN DITCH
SEE DETAIL R

125 MM MONO.CONC.ISLAND

HDWL

DRAIN

GRADE

REM. 7m+/-

N 58° 48' 01.4" E

N 25° 00' 43.3" W

N 16° 48' 40.3" E

N 80° 24' 18" E

MATCHLINE -LTRANS RT- 243+00.000 SEE SHEET 29

MATCHLINE -LTRANS RT- STA. 246+00.000 SEE SHEET 31

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 48 AND 49 FOR -LTRANLT- PROFILE
SEE SHEETS 50 AND 51 FOR -LTRANRT- PROFILE
SEE SHEET 59 FOR -Y53- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-33/CONST.31
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 31

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

SR 1963 SAINT MARTIN RD.

NC 24 / 21 — 615/1000 — 830/1400 — NC 24 / 27

12900/25400 — 315/600 — 1760/3200 — 14600/28400

ADT 2004 / ADT 2030 — 3100/5600 — -Y45-

SR 1963 SAINT MARTIN RD.

NAD 83

JOHNNY GASKIN POPLIN
DB 383 PG 736

JAMES EDDIE POPLIN & WIFE JANE EFIRD POPLIN
DB 383 PG 434

MARSHALL BUDDIE POPLIN
DB 383 PG 733

JULIA P. CARPENTER
WB 02 PG 221
DB 95 PG 145

BETTIE JEAN BURRIS
DB 387 PG 979

J. BRICE BURLESON & WIFE BETTY R. BURLESON
DB 232 PG 133

RAYMOND POPLIN HEIRS
DB 95 PG 145
DB 212 PG 517

STEVE MARTIN & KAREN S. LOWDER
DB 259 PG 138

STEVE MARTIN LOWDER & WIFE KAREN S. LOWDER
DB 312 PG 785

OSCAR LEE SHELTON
DB 380 PG 81

JIMMY HAROLD LOWDER
DB 259 PG 144

CITY OF ALBEMARLE (APPROX. LIMITS)

-LTRAN LT- CSSta.246+73.178

-LTRAN LT- STA 247+26.416
13.961m (45.80ft)

-LTRAN LT-
STA 246+73.178
19.812m (65.00ft)

-LTRAN LT- POT Sta.247+97.548
END STATE PROJECT R-0967CC

-LTRAN LT- STSta.247+45.178

MATCHLINE -LTRANS RT- STA. 246+00.000 SEE SHEET 30

SPECIAL CUT DITCH SEE DETAIL Y1

-LTRAN, LT-

-LTRAN RT-

REMOVE

6 x 3 x 1

-LTRAN RT- CSSta.246+69.546

-LTRAN RT- STSta.247+41.546

-LTRAN RT-POT Sta.247+80.000
END STATE PROJECT R-0967CC

NCGS "HANDI"
BL-PINC 247+37.081 L.B. =
BY56-PINC 6+24.557 =
BL-POT 5+00.000 L.A. (R-2530-AA)
-LTRANRT- POT 248+41.838 OFF 28.904 LT

-BY56- S 6° 08' 53.2" E

120.396
N87°53'20"E

N 88° 23' 12.5" E

S 9° 03' 25.6" W

EXIST. SIGNAL UPGRADED

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 49 FOR -LTRANLT- PROFILE
SEE SHEET 51 FOR -LTRANRT- PROFILE

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 32

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

METRIC

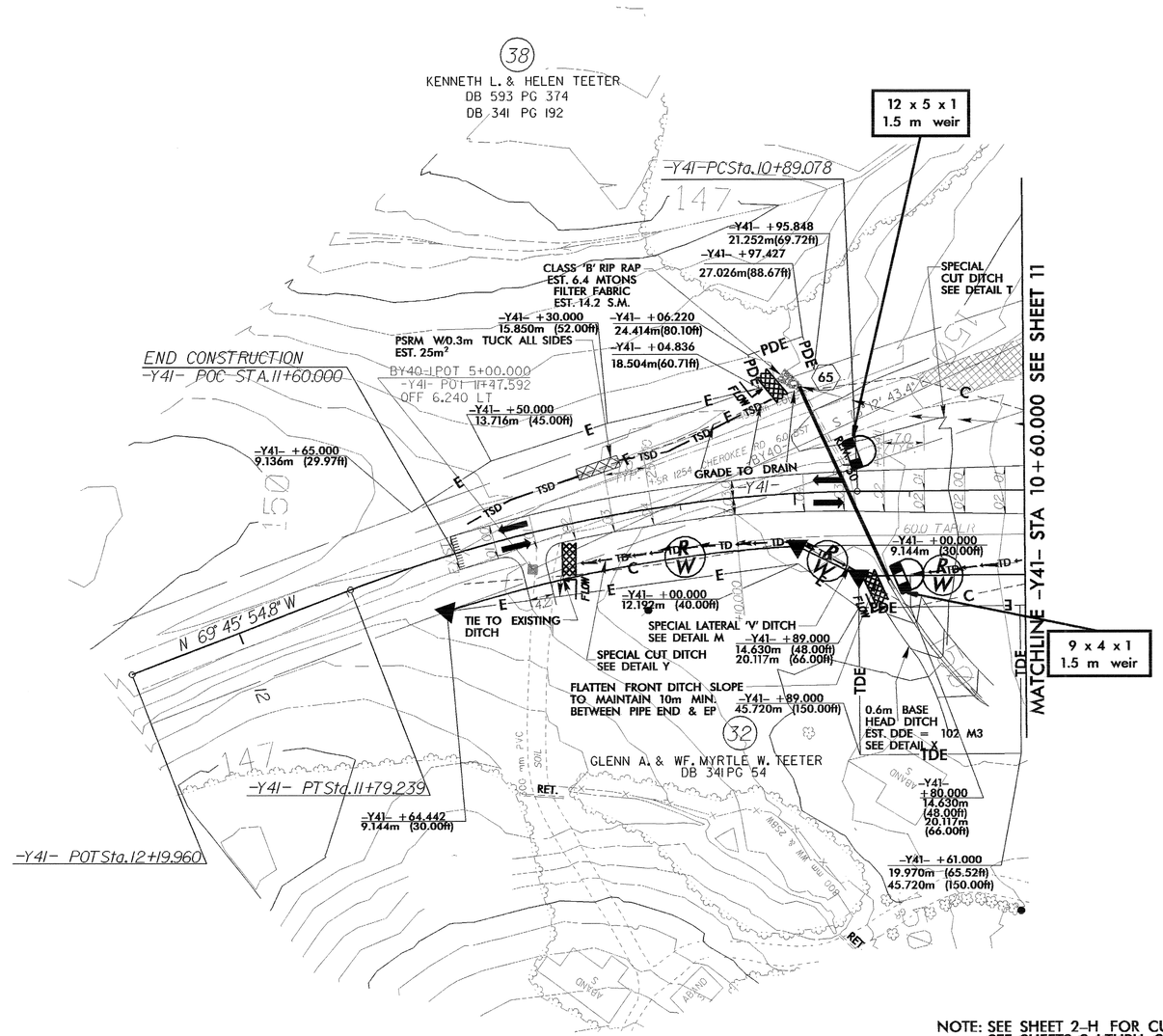
5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-34/CONST.32
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CONST.REV.

R /W REV.

NAD 83



NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 53 FOR -Y41- PROFILE
: PAVEMENT REMOVAL

07-MAR-2005 14:17
Esterline
C:\Projects\3967cc\st-32.pdf

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-35/CONST.33
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 33

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

NAD 83

LARRY MORGAN & WIFE PATSY L. MORGAN DB 220 PG 193

JOEY P. EFIRD & WIFE KAREN T. EFIRD DB 554 PG 267

DOLORES EFIRD FURR DB 391 PG 856

PRICE A. EFIRD AND WIFE HALLIE L. EFIRD DB 715 PG 141

TAMARA K. TEWMEY DB 742 PG 537 (67A)

GARRET W. EFIRD & WIFE JUDY A. EFIRD DB 715 PG 132 (67)

G. CHAD EFIRD & WIFE FAYE C. EFIRD DB 157 PG 68 DB 198 PG 379

JOHN W. LISK & WIFE BILLIE D. LISK DB 206 PG 298

BY43-IPOT 5+00.000
-Y43- POT 12+23.498
OFF 3.700 RT

END CONSTRUCTION
-Y43- PT STA.11+98.441

-Y43- +10.000
9.178m (30.11ft)

-Y43- +00.000
16.459m (54.00ft)

-Y43- +93.097
9.143m (30.00ft)
17.374m (57.00ft)

-Y43- PTSta.11+10.287

-Y43- PCSta.11+25.753

+16.592
17.374m (57.00ft)

-Y43- +10.000
9.110m (29.89ft)

-Y43- +00.000
16.154m (53.00ft)

-Y4- PTSta.11+88.334

-Y43- +70.000
17.983m (59.00ft)

-Y43- +46.105
13.716m (45.00ft)

PRICE A. EFIRD & WIFE DELLIE EFIRD
DB 157 PG 68
DB 168 PG 193
DB 218 PG 51
DB 264 PG 110

CLASS 'B' RIP RAP
EST. 9.1 MTONS
FILTER FABRIC
EST. 23.4 S.M.

-Y55- PTSta.10+78.332

-Y55- +99.405
9.177m (30.11ft)
11.857m (38.90ft)

7 x 4 x 1
1.5 m weir

STANLEY COUNTY BOARD OF EDUCATION
DB 66 PG 18
DB 66 PG 392
DB 324 PG 956

BY55-IPOT 5+00.000
-Y55- POT 11+24.967
OFF 5.248 RT

-Y55- POTSta.11+04.008

END CONSTRUCTION

-Y55- +20.00
9.150m (30.02ft)
EXIST. R/W

-Y55- +20.00
9.144m (30.00ft)
EXIST. R/W

-Y55- +00.000
17.678m (58.00ft)

STANLEY COUNTY BOARD OF EDUCATION
DB 66 PG 18
DB 66 PG 392
DB 324 PG 956

SR 1305 BETTY RD

MATCHLINE -Y43- STA.10+96.172 SEE SHEET 15

MATCHLINE -Y55- SEE SHEET 15 STA 10+80.000

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 54 FOR -Y43- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-36/CONST.34
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 34

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

NAD 83

MATCHLINE -Y45- STA.12+00.000 SEE SHEET 20

115A — DUSTI LYNN ALEXANDER HANCOCK DB 778 PG 390

MABON F. KIMREY & WIFE BERTHA H. KIMREY DB 225 PG 432 DB 246 PG 811

JONAH LAVERNE FRALEY & WIFE TORA ANNE FRALEY DB 225 PG 175 — 114

115B — DONNIE M. BROOKS & WIFE MERLE A. BROOKS DB 369 PG 217

BRIAN R. WILKINSON & WIFE BRENDA M. WILKINSON DB 504 PG 610 — 113

GROVER LAMBERT & WIFE WILMA LAMBERT DB 164 PG 605 — 112

GERTRUDE WISE DB 202 PG 298

BOBBY DEAN SMART & WIFE BESSIE D. SMART DB 268 PG 704 — 108

CONCORD TELEPHONE COMPANY DB 390 PG 156 — 107

TOMMY HUNEYCUTT & WIFE BEVERLY L. HUNEYCUTT DB 297 PG 617

DEAN SMART & WIFE LOUISE D. SMART DB 184 PG 101 — 110

GROVER LAMBERT & WIFE WILMA LAMBERT DB 187 PG 448 — 111

CLAUDE CLARK & WIFE LEORA CLARK DB 379 PG 945 — 106

JOHN P. HATLEY & JODIE M. HAYNES DB 379 PG 945

HENRY LEE CURRIE & WIFE JOYCE H. CURRIE DB 381 PG 395

7 x 4 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

13 x 7 x 1 1.5 m weir

14 x 7 x 1 2.0 m weir

6 x 3 x 1 1.5 m weir

7 x 3 x 1 1.5 m weir

END CONSTRUCTION -Y45A- POT STA.11+01.829

-Y45- POC Sta.11+65.899

-Y45A- POT Sta.10+71.389

BY46-1POT 8+38.841

-Y45- POT 11+16.466 OFF 3.875 RT

BEGIN CONSTRUCTION -Y45- POT STA.10+30.000

-Y45- PTSta.11+95.340

-Y45- PCSta.10+41.688

-Y45- POTSta.10+00.000

BEGIN CONSTRUCTION -Y45A- POT STA.10+02.512

-Y45- +80.605 35.711m (117.16ft) EX.R/W

-Y45A- +85.000 9.144m(30.00ft)

-Y45A- L94 16.154m(53.00ft)

-Y45- +86.000 16.154m (53.00ft)

-Y45- +80.000 9.144m (30.00ft)

-Y45- +88.000 9.144m(30.00ft)

-Y45A- +55.000 13.633m (44.73ft)

-Y45- +48.000 15.545m (51.00ft)

-Y45A- +48.000 15.000m (52.49ft)

-Y45A- 06.344 1.951m (6.40ft)

-Y45A- +20.000 16.000m (52.49ft)

-Y45A- +07.339 21.605m (70.88ft)

-L- +23.282 71.071m (233.17ft)

-L- +22.842 74.030m (242.88ft)

-L- +18.049 73.180m (240.09ft)

-L- +16.112 87.009m (285.46ft)

-L- +20.813 87.841m (288.19ft)

-Y45A- +02.646 9.144m(30.00ft)

-Y45A- +02.787 12.497m(41.00ft)

-Y45A- +02.401 15.370m (50.43ft)

-Y45- +06.390 15.561m(51.05ft)

-Y45- +30.000 22.456m (73.67ft)

-Y45- +06.000 19.671m(64.54ft)

-Y45- +91.000 24.384m (80.00ft)

-Y45- +92.000 16.024m (52.57ft)

-Y45- +83.000 23.470m (77.00ft)

-Y45- +85.000 14.546m (47.72ft)

-Y45- +80.353 13.684m(44.89ft)

-Y45- +40.000 15.240m (50.00ft)

-Y45- +30.000 6.096m (20.00ft) 10.058m (33.00ft)

-Y45- +20.000 6.096m(20.00ft)

-Y45- +48.000 15.240m(50.00ft)

-Y45- +12.000 12.937m (42.44ft)

-Y45- +80.000 13.562m (44.50ft)

-Y45- +41.688 9.144m (30.00ft)

-Y45- +30.000 6.096m (20.00ft) 9.144m (30.00ft)

-Y45- +40.000 16.459m (54.00ft)

-Y45- +20.000 6.096m (20.00ft)

RETAIN

SPECIAL CUT DITCH SEE DETAIL H2

SPECIAL LATERAL 'V' DITCH SEE DETAIL J2

FLATTEN FRONT DITCH SLOPE TO MAINTAIN 10m MINIMUM DISTANCE BETWEEN EP & CROSS-PIPE

REMOVE

REMOVE 10m +/- 450mm CONC COLLAR & EXTEND W5° +/- BEND

GRADE TO DRAIN

PLUG

CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.

TAIL 'V' DITCH SEE DETAIL V

FILL IN EXISTING DITCH

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 55 FOR -Y45- PROFILE
SEE SHEET 55 FOR -Y45A- PROFILE
: PAVEMENT REMOVAL

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-37/CONST.4
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

EXISITNG R/W AND EASEMENTS PURCHASED UNDER PROJECT R-967CB

EXISITNG R/W AND EASEMENTS PURCHASED UNDER PROJECT R-967CB

PETE A. HARWARD
DB 257 PG 883

MAX EUGENE TROUBLEFIELD
DB 186 PG 454
DB 213 PG 177

BIG BEAR CRK

PROP. LINE = CREEK CENTERLINE

72.000 (236.22') EXIST. R/W

62.000 (203.41') EXIST. R/W

154 155 156 157

EXISTING 600 CSP W/ELBOWS

EXISTING 400 CSP W/ELBOW

EXISTING 450 CSP W/ELBOW

EXISTING BERM DITCH

BDO

TO BE CONSTRUCTED UNDER R-0967CB

TO BE CONSTRUCTED UNDER R-0967CB

EXISTING 2GI

FS

EXISTING 375

EXISTING 450

-BL-

-L- N 48° 04' 59.5" E

-BL- N 49° 41' 44.0" E

N 49° 41' 44.0" E

REMOVE CROSSOVER

EXISTING 2GI

BL-62 152+48.488
-L- POT 153+94.476 OFF 2.836 (RT)

-L- STA.155+70.000
BEGIN CONSTRUCTION R-0967CC

PROJECT R-0967CB
PLANS BEING PREPARED BY PBS&J
NCDOT CONTRACT - CATHY HOUSER, P.E.
ANTICIPATED LET DATE 10/03

ELTON WHITLEY
DB 130 PG 87

B (RUINS)

1200 mm RAIL & 558W

WEST STANLY BAPTIST CHURCH
DB 540 PG 123

10 x 4 x 1
1.5 m weir

SOIL

MATCHLINE -L- STA. 157+10.000 SEE SHEET 5

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 35 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-38/CONST.5
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV.

R /W REV.

NAD 83

SAM ROAD
-Y38-
210
400
105
200
105
200
-L-
NC 21 / 21
NC 21 / 21
11200
22100
11220
22100
ADT 2004
ADT 2030

9 x 5 x 1
1.5 m weir

4 x 2 x 1
1.5 m weir

END CONSTRUCTION
-Y38- POT STA.11+00.000

-Y38- POT Sta.11+33.306

-Y38- PT Sta.11+10.021

-Y38- +00.000
7.527m (24.69ft)
EXIST R/W
12.192m (40.00ft)

-Y38- +00.000
7.714m (25.31ft)
EXIST R/W
12.192m (40.00ft)

-Y38- +80.000
17.000m (55.77ft)

-Y38- +59.377
12.192m (40.00ft)

-Y38- PC Sta.10+59.377

-Y38- +52.411
12.192m (40.00ft)

-Y38- +36.000
20.213m (66.32ft)

+00.000
30.480m
(100.00ft)

-Y38- +52.411
12.192m (40.00ft)
18.898m (62.00ft)

+50.000
30.480m
(100.00ft)

+57.000
30.480m
(100.00ft)

-Y38- PT Sta.10+52.411

-Y38- PC Sta.10+21.473

55-18-55
2 OS

7 x 4 x 1

4 x 2 x 1

TIE TO MONUMENT SET UNDER PROJECT R-967CB

MAX EUGENE TROUBLEFIELD
DB 186 PG 454
DB 213 PG 177

(2) IRENE B. KENNEDY
DB 366 PG 346

(3) JAMES S. KENNEDY & WF.
JANA P. KENNEDY
DB 360 PG 280

(4) ALEXANDER S. BURRIS &
ANGELA M. BURRIS
DB 383 PG 988

(2A) IRENE B. KENNEDY
DB 366 PG 346

BY38-I
159+40.570 -L-
54.359 (LT)

EXISTING BERM DITCH

EXISTING 400 CSP W/ELBOW

EXISTING 375

EXISTING 2GI

REMOVE CROSSOVER

TEMPORARY 2GI 450x375x450 TEE

TEMPORARY 2GI AND PIPE

EXISTING 450

EXISTING 375

EXISTING 2GI

N 48° 04' 59.5" E

-L-

0.450 EIP TO R/W

R=30.0

R=2.0

450

3 COLLAR & EXTEND 0.6 BST

RETAIN

1 JB

2 PDE

PDE

+55.000
22.860m
(75.00ft)
31.000m
(101.71ft)

+44.811
22.860m
(75.00ft)

+44.802
31.000m
(101.71ft)

0.108 R/W TO EIP

30.0 TAPER

130.0 FULL LANE

+42.049

+26.884

+28.200

-L- STA.158+44.802
BEGIN R/W ACQUISITION R-0967CC

10 x 5 x 1
1.5 m weir

WEST STANLY BAPTIST CHURCH
DB 540 PG 123

CLASS 'I' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 6.7 S.M.

-L- STA.158+80.000
BEGIN STATE PROJECT R-0967CC

-L- POT STA.159+25.000
-Y38- POT Sta.10+00.000

BL-63 PINC 157+73.706
-L- POT 159+19.487 OFF 17.614 RT

LARRY VERNON COBLE
DB 370 PG 192
(1)

(5) PHILLIP V. HATHCOCK
DB 518 PG 335

8 x 4 x 1

+00.000
22.860m (75.00ft)

+80.000
30.480m (100.00ft)

+60.000
30.480m
(100.00ft)

+37.757
22.860m (75.00ft)

-Y38- +80.000
17.000m (55.77ft)

-Y38- +59.377
12.192m (40.00ft)

-Y38- +52.411
12.192m (40.00ft)

-Y38- +00.000
7.714m (25.31ft)
EXIST R/W
12.192m (40.00ft)

R=30.0
R=2.0
450

R=30.0
R=2.0

+17.000
16.0
MEDIAN OPENING

SPECIAL MEDIAN DITCH
SEE DETAIL A

130.0 FULL LANE

53.34m
ROW

MATCHLINE -L- STA. 157+10.000 SEE SHEET 4

MATCHLINE -L- STA. 160+75.000 SEE SHEET 6

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 35 FOR -L- PROFILE
SEE SHEET 52 FOR -Y38- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-39/CONST.6
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

MATCHLINE –L– STA. 160+75.000 SEE SHEET 5

MATCHLINE –L– STA. 164+45.000 SEE SHEET 7

JOSEPH MONROE BOWERS
DB 925 PG 845
8A

4
ALEXANDER S. BURRIS &
ANGELA M. BURRIS
DB 383 PG 988

8
LOYS P. BOWERS & WF.
LILLIE M. BOWERS
DB 185 PG 367

NANCY E. WHITLEY & HUS.
DONNIE L. WHITLEY
DB 654 PG 229
9

NAD 83

69.003
N35°59'57"E

N39°17'58"W 165.45

N39°17'58"W 165.45

123.605
N39°17'58"W

123.605
N40°57'11"W

N 48° 04' 59.5" E

N 46° 01' 57.3" E

7 x 4 x 1

5 x 3 x 1
1.5 m weir

10 x 4 x 1

11 x 4 x1

9 x 5 x 1

8 x 4 x 1

5 x 3 x 1

9 x 4 x 1

9 x 5 x 1
1.5 m weir

14 x 7 x 1
1.5 m weir

9 x 4 x 1

13 x 7 x 1
1.5 m weir

4 x 2 x 1
1.5 m weir

+62.000
30.480m (100.00ft)

+20.000
37.186m (122.00ft)

+70.000
30.480m (100.00ft)
38.100m (125.00ft)
40.538m (133.00ft)

+30.000
30.480m (100.00ft)
33.528m (110.00ft)

+82.564
22.860m (75.00ft)

+33.000
22.860m (75.00ft)
38.100m (125.00ft)

+66.000
22.860m (75.00ft)
32.004m (105.00ft)

+55.533
22.860m(75.00ft)

+15.000
44.806m (147.00ft)

+15.000
30.480m (100.00ft)

+37.000
30.480m (100.00ft)

STR. BERM DITCH
STA. 162+80 TO
STA. 164+20 –L– LT.

ROADWAY TYP.
CUT DITCH W/PSRM
SEE DETAIL D

0.6m BASE SPECIAL
LATERAL DITCH
SEE DETAIL B

0.6m BASE SPECIAL
LATERAL DITCH W/PSRM
SEE DETAIL C

ROD & LUG W/SLEEVE GASKETS

600 CSP
W/1 ELBOW

CLASS 'I' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

RETAIN

REMOVE

TIE TO EX. DITCH

NO ASSOCIATED PIPING FOUND FOR THIS WM.

0.692 RW TO EIP

EXISTING 18.288 (60')RW

53.34m ROW

BL-64 PINC 159+86.260
-L- POT 161+32.041 OFF 17.735 RT

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 174 PG 569
DB 370 PG 190
6

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 220 PG 599
6

CARL P. HATHCOCK & WIFE
EDITH C. HATHCOCK
DB 174 PG 569
DB 370 PG 190
6

7
JEFFERY C. HATHCOCK & WF.
TAMMY L. HATHCOCK
DB 349 PG 395

10
FRED H. WHITLEY
DB 100 PG 260
DB 100 PG 229

NOTE: SEE SHEET 2–H FOR CURVE DATA
SEE SHEETS 2–I THRU 2–K FOR DRAINAGE DETAILS
SEE SHEETS 35 and 36 FOR –L– PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-40/CONST.7
CONST.REV.	R /W SHEET NO.	
R /W REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83

MATCHLINE -L- STA. 164+45.000 SEE SHEET 6

MATCHLINE -L- STA.168+00.000 SEE SHEET 8

-L- TSSta.167+78.367

N 48° 04' 59.5" E

N 53° 30' 26.3" E

4 x 2 x 1 1.5 m weir

11 x 5 x 1

9 x 5 x 1

8 x 4 x 1 1.5 m weir

9 x 5 x 1 1.5 m weir

10 x 5 x 1 1.5 m weir

11 x 4 x 1

12 x 6 x 1 1.5 m weir

9 x 5 x 1

4 x 2 x 1 1.5 m weir

8 x 4 x 1 1.5 m weir

(9) NANCY E. WHITLEY & HUS. DONNIE L. WHITLEY DB 654 PG 229

(10) FRED H. WHITLEY DB 100 PG 260 DB 100 PG 229

(11) RALPH S. EUDY & WF. CAROLYN B. EUDY DB 592 PG 428

(12) RALPH S. & WF. CAROLYN B. EUDY DB 286 PG 849

(13) RALPH M. & WF. LOIS T. SEHORN DB 293 PG 485

(14) OMA HONEYCUTT DB 220 PG 27 DB 234 PG 195

ROADWAY TYP. CUT DITCH W/PSRM SEE DETAIL D

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

+57.000 30.480m (100.00ft) 35.966m (118.00ft)

+48.000 30.480m (100.00ft) 35.966m (118.00ft)

+78.367 30.480m (100.00ft)

CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.

+72.000 22.860m (75.00ft) 25.908m (85.00ft) 34.138m (112.00ft)

0.6m BASE SPECIAL LATERAL DITCH SEE DETAIL E

+81.000 34.138m (112.00ft)

+60.000 44.500m (146.00ft)

PSRM W/0.3m TUCK ALL SIDES EST. 31m²

+35.000 25.908m (85.00ft)

+00.000 22.860m(75.00ft)

+60.000 28.042m (92.00ft)

+23.000 27.534m (90.33ft)

LATERAL 'V' DITCH EST. DDE = 720 M3 SEE DETAIL F

+60.000 35.052m (115.00ft)

COLLAR & EXTEND

CLEAN OUT

BL-65 PINC 161+63.710 -L- POT 166+09.185 OFF 0.651RT

NCGS BEANS PINC 166+49.727 -L- POT 167+94.296 OFF 18.256 RT

NO ASSOCIATED PIPING FOUND FOR WMS IN THIS GENERAL AREA.

NO ASSOCIATED PIPING FOUND FOR THIS WM.

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 36 FOR -L- PROFILE

07-MAR-2005 14:22
st\rural\r-0967cc\sh\r0967ccsh-7.psh
scher

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-41/CONST.8
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

-L- SCSta.168+42.367

-L- STSta.170+18.627

-L- CSSta.169+54.627

BL-67 PINC 167+87.831
-L- POT 169+29.667 OFF 0.683 LT

MATCHLINE -L- STA. 168+00.000 SEE SHEET 7

MATCHLINE -L- STA. 171+40.000 SEE SHEET 9

9
NANCY E. WHITLEY & HUS. DONNIE L. WHITLEY
DB 654 PG 229

17
CHARLES DURANT WHITLEY
DB 576 PG 990

18
TERRELL J. WHITLEY & WIFW BRENDA LEE WHITLEY
DB 365 PG 288
DB 274 PG 134

19
TALLEY FARMS
DB 873 PG 955

14
OMA HONEYCUTT
DB 220 PG 27
DB 234 PG 195

15
JERRY D. McCULLOUGH
DB 699 PG 655

16
GENEVA B. EUDY
DB 156 PG 162
DB 162 PG 576
DB 166 PG 411

15A
W. R. SWAIN & GRITA E. SWAIN
DB 873 PG 246

11 x 6 x 1
1.5 m weir

8 x 4 x 1
1.5 m weir

13 x 6 x 1
2.0 m weir

11 x 4 x 1

9 x 4 x 1

11 x 5 x 1
1.5 m weir

9 x 5 x 1
1.5 m weir

9 x 4 x 1
1.5 m weir

+05.000
30.936m
(101.49ft)

+42.367
30.480m
(100.00ft)

+42.367
33.223m
(109.00ft)

+84.000
30.984m
(101.65ft)
35.966m
(118.00ft)

+54.627
30.480m
(100.00ft)

+15.000
30.556m (100.25ft)
41.148m (135.00ft)

+04.000
30.769m (100.95ft)
35.966m (118.00ft)
41.148m (135.00ft)

+00.000
35.082m
(115.00ft)

+18.627
30.480m
(100.00ft)

+08.000
30.480m (100.00ft)
33.528m (110.00ft)
39.929m (131.00ft)

+91.000
30.480m (100.00ft)
39.929m (131.00ft)

+94.000
30.480m
(100.00ft)

CLASS 'I' RIP RAP
EST. 6.4 MTONS
FILTER FABRIC
EST. 14.2 S.M.

CLASS 'B' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 13.4 S.M.

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

LATERAL 'V' DITCH W/PSRM
SEE DETAIL J

LATERAL 'V' DITCH
EST. DDE = SEE SHEET 7
SEE DETAIL F

SPECIAL CUT DITCH
SEE DETAIL G

LATERAL 'V' DITCH
EST. DDE = 182 M3
SEE DETAIL H

LATERAL 'V' DITCH W/PSRM
EST. DDE = 61 M3
SEE DETAIL I

SPECIAL CUT DITCH
SEE DETAIL G

FLATTEN FRONT DITCH SLOPE TO MAINTAIN 10m BETWEEN PIPE END & EP

REMOVE 1200mm WW & ISBW

PROPOSED 1200mm WW & ISBW

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 36 AND 37 FOR -L- PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-42/CONST.9
CONST.REV.	R /W SHEET NO.	
R /W REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

AVERA M. WHITLEY & WIFE NORMA L. WHITLEY
DB 389 PG 450

10 x 5 x 1
1.5 m weir

9 x 3 x 1
1.5 m weir

9 x 4 x 1

10 x 4 x 1

5 x 3 x 1

19
TALLEY FARMS
DB 873 PG 955

20
JOCEPHUS B. HUNETCUUTT,JR. &
JOYCE W. STEELE
DB 319 PG 354

21
SELMON T. ROGERS
DB 144 PG 20

22
JOSEPH S. & WF.
JOANNE L. ROGERS
DB 613 PG 903
DB 660 PG 703

NAD 83

NCGS "STOCKTON"
BL-PINC 173+29.278 =
BY39-POT 5+00.000
-L- POT 174+67.059
OFF 17.574 LT

EASEMENT OF INGRESS, EGRESS, & REGRESS

BL-68 PINC 171+41.495
-L- POT 172+82.185 OFF 19.383 LT

+74.103
30.480m
(100.00ft)

+54.828
30.480m (100.00ft)
26.518m (87.00ft)
22.860m(75.00ft)

+69.081
22.860m
(75.00ft)

+33.081
22.860m
(75.00ft)

+20.000
24.384m (80.00ft)

+10.103
30.480m
(100.00ft)

+75.000
30.480m
(100.00ft)

+60.000
33.528m
(110.00ft)

REMOVE EXISTING 1200mm WW & ISBW

PROPOSED 1200mm WW & ISBW

SPECIAL CUT DITCH
SEE DETAIL L

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K

LATERAL 'V' DITCH
EST. DDE = 208 M3
SEE DETAIL F

60.96m
ROW

53.340m
ROW

CHORD

NO ASSOCIATED PIPING FOUND FOR WWS IN GENERAL AREA.

NO ASSOCIATED PIPING FOUND FOR WWS.

N 38° 12' 56.3" E

N 40° 53' 52.1" E

N 27° 53' 07.0" E

-L- STA. 174+80.000 SEE SHEET 10

MATCHLINE -L- STA. 171+40.000 SEE SHEET 8

-L- TSSta.172+10.103

-L- SCSta.172+74.103

-L- CSSta.173+69.081

-L- STSta.174+33.081

CLASS 'B' RIP RAP
EST. 0.9 MTONS
FILTER FABRIC
EST. 4.2 S.M.

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

11 x 6 x 1
1.5 m weir

11 x 6 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

SPECIAL CUT DITCH
SEE DETAIL G

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K

SPECIAL CUT DITCH
SEE DETAIL L

15A
W. R. SWAIN &
GRITA E. SWAIN
DB 873 PG 246

24
EUBER A. NORTON
DB 324 PG 688
DB 256 PG 357
DB 311 PG 244
DB 382 PG 11
DB 620 PG 383

25
AVERA M. & WF.
NORMA L. WHITLEY
DB 328 PG 93
DB 288 PG 593
DB 383 PG 16

26
JOSEPH V. & WF. JEANETTE H. MORTON
DB 269 PG 638
DB 166 PG 433
DB 167 PG 107

JONATHAN R. & WF.
WENDY W. DANIELS
DB 588 PG 744

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 37 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-43/CONST.10
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5 0 10

CONST.REV.

R /W REV.

NAD 83

MATCHLINE 174+80.000 SEE SHEET 9

MATCHLINE –L– STA 178+20.000 SEE SHEET 11

(22) JOSEPH S. & WF. JOANNE L. ROGERS DB 660 PG 703

RICHARD S. HUNEYCUTT DB 710 PG 881 (31)

RICHARD S. HUNEYCUTT DB 707 PG 373 (31)

(32) GLENN A. & WF. MYRTLE W. TEETER DB 341 PG 54

–L– POT STA.175+08.555

–Y39– POT Sta.11+30.602

BL-70 PINC 175+60.366

–L– POT 176+98.147 OFF 17.770 LT

6 x 3 x 1 1.5 m weir

9 x 4 x 1

7 x 3 x 1

8 x 4 x 1 1.5 m weir

6 x 3 x 1

7 x 3 x 1 1.5 m weir

11 x 6 x 1 1.5 m weir

5 x 3 x 1 1.5 m weir

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 13.4 S.M.

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 12.5 S.M.

FLATTEN FILL SLOPE TO MAINTAIN 10m MIN. BETWEEN PIPE END & EP

0.6m BASE TAIL DITCH EST. DDE = 6 M3 SEE DETAIL Q

SPECIAL MEDIAN DITCH 2G SEE DETAIL N

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL CUT DITCH SEE DETAIL G

SPECIAL LATERAL 'V' DITCH SEE DETAIL O

SPECIAL CUT DITCH SEE DETAIL P

16.0 MEDIAN OPENING

(26) JOSEPH V. & WF. JEANETTE H. MORTON DB 269 PG 638 DB 166 PG 433 DB 167 PG 107

(27) JOHNNY G. POPLIN DB 383 PG 735

(28) FARRELL L. SHIMPOCK & WF. DORIS SHIMPOCK DB 332 PG 791

FARRELL L. SHIMPOCK & WF. DORIS SHIMPOCK DB 331 PG 700 (29)

(30) LOIS E. EFIRD DB 235 PG 559

DAVID WAYNE ALMOND & WIFE DONNA BURRIS ALMOND DB 325 PG 865 DB 307 PG 84

(33) WILLIE D. & WF. GAIL T. LAWHORN DB 339 PG 154

BEGIN CONSTRUCTION –Y39– POT STA.10+20.000

BY39-2 POT 6+59.830 –Y39– POT 10+06.720 OFF 5.263 LT

BY39-TPINC 5+70.211 –Y39– POT 10+95.711 OFF 5.326 RT

NOTE: SEE SHEET 2–H FOR CURVE DATA
SEE SHEETS 2–I THRU 2–K FOR DRAINAGE DETAILS
SEE SHEETS 37 AND 38 FOR –L– PROFILE
SEE SHEET 52 FOR –Y39– PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-44/CONST.11
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

8 x 4 x 1

+60.000 22.860m (75.00ft) 34.442m (113.00ft)

+54.000 22.860m (75.00ft) 34.442m (113.00ft)

+47.000 22.860m (75.00ft) 34.442m (113.00ft)

+44.000 22.860m (75.00ft) 28.956m (95.00ft) 34.442m (113.00ft)

32 GLENN A. & WF. MYRTLE W. TEETER DB 341 PG 54

16 x 8 x 1 2.5 m weir

MATCHLINE TO SHEET 32

-L- POT STA.179+00.133
-Y40- POT Sta.11+76.795
-Y41- POT Sta.10+00.00

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL CUT DITCH SEE DETAIL T

-L- +44.948 EXIST. R/W 22.860m (75.00ft)

MATCHLINE -Y41- STA 10+60.000 SEE SHEET 32

KENNETH L. & HELEN TEETER DB 593 PG 374 DB 341 PG 192 38

CURTIS EUGENE HONEYCUTT & WIFE VERA P. HONEYCUTT DB 259 PG 58 39

0.6m LATERAL BASE DITCH EST. DDE = 211 M3 SEE DETAIL H1

CLASS 'I' RIP RAP EST. 10.0 MTONS FILTER FABRIC EST. 18.4 S.M.

+76.000 22.860m (75.00ft) 30.480m (100.00ft) 70.104m (230.00ft)

+32.000 22.860m (75.00ft) 30.480m (100.00ft)

+08.000 47.549m (156.00ft)

+12.000 37.186m (122.00ft)

+22.000 33.223m (109.00ft)

KENNETH L. & HELEN TEETER DB 345 PG 219 DB 198 PG 99 40

+40.000 30.480m (100.00ft)

+43.000 33.223m (109.00ft)

+55.000 22.860m (75.00ft) 27.432m (90.00ft)

+00.000 22.860m (75.00ft)

+20.000 28.042m (92.00ft)

+80.000 28.042m (92.00ft)

L. TRUETT& WIFE BONNIE S. PRESLAR DB 379 PG 6 42

GLEN A. TEETER & WIFE MYRTLE W. TEETER DB 341 PG 52 41

GLENN A. & WF. MYRTLE W. TEETER DB 162 PG 310

SPECIAL LATERAL 'V' DITCH SEE DETAIL W

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 14.2 S.M.

TIE TO EX. OUTFALL

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

TAIL 'V' DITCH EST. DDE =118M3 SEE DETAIL V

-Y41- +45.000 14.630m (48.00ft)

-Y41- +40.501 19.812m (65.00ft)

SPECIAL MEDIAN DITCH SEE DETAIL R

16.0 MEDIAN OPENING

SPECIAL CUT DITCH SEE DETAIL P

+37.000 30.480m (100.00ft)

+70.000 30.480m (100.00ft)

-Y40- +25.000 27.432m (90.00ft)

-Y40- +20.000 12.192m (40.00ft)

-Y40- +00.000 17.000m (55.77ft)

-Y40- +97.318 12.192m (40.00ft)

10 x 5 x 1 2.0 m weir

5 x 2 x 1 1.5 m weir

33 WILLIE D. & WF. GAIL T. LAWHORN DB 339 PG 154

-Y40- +35.000 7.621m (25.00ft) EXIST. R/W 12.192m (40.00ft) 13.716m (45.00ft)

-Y40- +25.000 7.620m (25.00ft) EXIST. R/W

MAGDALENE BURRIS DB 193 PG 548 34

-Y40- PCSta.10+97.318

BEGIN CONSTRUCTION -Y40- POT STA.10+35.000

-Y40- +35.000 7.619m (25.00ft) EXIST. R/W 12.192m (40.00ft) 18.288m (60.00ft)

-Y40- +25.000 7.620m (25.00ft) EXIST. R/W

-L- +25.000 30.480m (100.00ft)

-L- +21.864 30.480m (100.00ft)

-Y40- +27.814 12.192m (40.00ft)

BL-71 BL-PINC 178+13.889 = BY40-PINC 6+56.608 -L- POT 179+51.220 OFF 2.666 LT

-Y40- +20.000 22.860m (75.00ft)

34A JAMES L. & WF. NANCY E. HAYWOOD DB 354 PG 752

8 x 4 x 1

BY41-I POT 7+68.385 -Y40- POT 10+92.965 OFF 7.255 LT

SPECIAL CUT DITCH SEE DETAIL S

35 L.B. & WF. RUTH B. TEETER DB 166 PG 125

10 x 4 x 1

DAISY P. GREENE DB 294 PG 147 36

9 x 5 x 1

8 x 4 x 1

6 x 3 x 1

10 x 4 x 1

9 x 4 x 1

919 NCDOT DB 907 PG 487

37 BILLY RAY CARELOCK, AND WF MARILYN DB 286 PG 130

PHILLIP L. TEETER DB 375 PG 607

NC 24 / 21 11230 22200 ADT 2001 ADT 2030

NC 24 / 21 11710 23000 SR 1969 / EFIRD ROAD

210 400 105 200 105 200 610 1000 720 1200 Y40 -I-

MATCHLINE -L- STA. 178+20.000 SEE SHEET 10

MATCHLINE -L- STA 181+80.000 SEE SHEET 12

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 38 FOR -L- PROFILE
SEE SHEET 53 FOR -Y40- PROFILE
SEE SHEET 53 FOR -Y41- PROFILE
: PAVEMENT REMOVAL

07-MAR-2005 14:18
e:\rural\r-0967\cadd\r0967cadd1.pdh
nchen
A1 REV 2.02.04

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-45/CONST.12
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

MATCHLINE -L- STA. 181+80.000 SEE SHEET 11

MATCHLINE -L- STA. 185+45.000 SEE SHEET 13

NAD 83

43 JOEY N. CARSWELL DB 579 PG 947

44 ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

45 A. RAY TEETER DB 220 PG 669

46 A. RAY TEETER DB 115 PG 192

47 ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

48 CHARLES C.& WIFE EUNICE T. HARRINGTON DB 339 PG 884 DB 588 PG 515 DB 205 PG 91 DB 576 PG 103

49 CORY PATRICK LAWHON DB 732 PG 161

37 BILLY RAY CARELOCK, AND WF MARILYN DB 286 PG 130

BL-72 PINC 180+95.089
-L- POT 182+31.982 OFF 18.356 LT

NCGS "TEETER"
BL-PINC 183+86.732 =
BY42-POT 5+00.000
-L- POT 185+23.156 OFF 1.839 LT

+00.000 22.860m (75.00ft)

+00.000 30.480m (100.00ft)

+20.000 27.432m(90.00ft) 30.480m (100.00ft)

+47.000 22.860m(75.00ft) 49.073m(161.00ft)

11 x 5 x 1 2.0 m weir

10 x 5 x 1 1.5 m weir

10 x 4 x 1

9 x 4 x 1

8 x 4 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

11 x 6 x 1 1.5 m weir

1.2m BASE TAIL DITCH EST. DDE = 33 M3 SEE DETAIL Z

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

+85.000 22.860m(75.00ft) 27.432m(90.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL A1

SPECIAL CUT DITCH SEE DETAIL B1

+50.000 22.860m(75.00ft) 27.432m(90.00ft)

+70.000 22.860m(75.00ft)

+40.000 22.860m (75.00ft)

+20.000 28.346m (93.00ft)

GRADE TO DRAIN R=30.0 +93.770

SPECIAL MEDIAN DITCH SEE DETAIL C1

+24.775

R=30.0

R=2.0

SPECIAL LATERAL 'V' DITCH SEE DETAIL A1

-L- POT Sta. 185+04.737
-Y42- POT Sta. 11+01.268

+80.000 30.480m (100.00ft)

-Y42- +60.394 16.764m (55.00ft)

-Y42- +55.000 12.192m (40.00ft)

-Y42- +00.000 7.482m (24.55ft) EXIST. R/W 12.192m (40.00ft)

-Y42- +00.000 7.759m (25.45ft) EXIST. R/W 12.192m (40.00ft) 15.850m (52.00ft)

BEGIN CONSTRUCTION
-Y42- POT Sta. 10+00.000

BY42-POT 6+33.534

+35.000 30.480m (100.00ft)

-Y42- +62.228 20.422m (67.00ft)

-Y42- +55.000 12.192m (40.00ft)

53.34m ROW

55-18-55 2 OS

N 44° 08' 31.8" E 1.547 +62.362 (COR TO CL)

N 40° 53' 52.7" E

N 57° 16' 46.3" W -Y42-

NC 24-27 8.4 BST

EXISTING 18.288 (60')RW

CONC. MON.

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA

NO ASSOCIATED PIPING FOUND FOR THIS WM.

-L- NC 21 / 27 11/40 23000 105 200 ADT 2001 ADT 2030

-L- NC 24 / 27 11/40 23000 105 200 400 210 400 -Y42- SR 1997 / TEETER ROAD

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 38 AND 39 FOR -L- PROFILE
SEE SHEET 54 FOR -Y42- PROFILE

METRIC

5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-46/CONST.13
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CONST.REV.

R /W REV.

MATCHLINE –L– STA. 185+45.000 SEE SHEET 12

MATCHLINE –L– STA. 188+80.000 SEE SHEET 14

NAD 83

50 SHEARON VAN EFIRD & WIFE LYNDA N. EFIRD DB 279 PG 456 DB 288 PG 756

51 L.L.EFIRD & WIFE IDA REE EFIRD DB 112 PG 239 DB 225 PG 721

53 RUBY B. HATLEY DB 143 PG 641

54 JOESEPH H. & WIFE MONTIE LEE H. CLEM DB 387 PG 710

56 CHARLES BARRETT ALMOND & JENNINGS B. ALMOND DB 392 PG 810

57 ROBERT A. & WIFE TERESA JOHNSON DB 561 PG 684

47 ARTHUR R.TEETER & WIFE JANICE H. TEETER DB 540 PG 418

8 x 4 x 1 1.5 m weir

5 x 2 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

8 x 4 x 1

6 x 3 x 1

+80.000 24.384m (80.00ft)

+95.000 24.384m (80.00ft)

+20.000 28.042m(92.00ft)

+25.000 22.860m (75.00ft) 25.603m (84.00ft)

+43.000 31.394m (103.00ft) 47.549m (156.00ft)

+60.000 22.860m (75.00ft) 25.908m (85.00ft) 31.394m (103.00ft) 35.966m (118.00ft)

SPECIAL CUT DITCH SEE DETAIL B1

SPECIAL CUT DITCH SEE DETAIL Y

SPECIAL CUT DITCH SEE DETAIL E1

0.6m BASE TAIL DITCH EST. DDE = 240 M3 SEE DETAIL F1

CLASS 'B' RIP RAP EST. 7.3 M TONS FILTER FABRIC EST. 17.6 S.M.

TIE TO EX. DITCH

53.34m ROW

+84.998 (EXIST. R/W) 30.480m (100.00ft) TIE TO EXIST R/W

SPECIAL CUT DITCH SEE DETAIL D1

+69.442 (EXIST. R/W) 30.480m (100.00ft) TIE TO EXIST R/W

SPECIAL CUT DITCH SEE DETAIL F

+70.000 30.480m (100.00ft)

+53.000 30.480m (100.00ft)

+47.000 46.939m (154.00ft)

+33.000 30.480m (100.00ft) 46.939m (154.00ft)

HEAD 'V' DITCH W/PSRM EST. DDE = 85 M3 SEE DETAIL G1 EST. 165m² PSRM

55 TIMOTHY S. GARDNER & TYRA B.GARDNER DB 607 PG 5 DB 582 PG 518

58 LOIS T. MORTON DB 310 PG 603

59 JOSHUA J. MORTON,JR. DB 310 PG 605

49 CORY PATRICK LAWHON DB 732 PG 161

921 NCDOT

FLOYD R.BURRIS & WIFE MARGARET T. BURRIS DB 160 PG 8 DB 339 PG 860 DB 607 PG 7

NC 24-84 BST

NC P4-27 8.3 BST

N 38° 12' 35.0" E

N 40° 53' 52.1" E

NOTE: SEE SHEET 2–H FOR CURVE DATA
SEE SHEETS 2–I THRU 2–K FOR DRAINAGE DETAILS
SEE SHEET 39 FOR –L– PROFILE

07-MAR-2005 AHS
e:\rural_rw\0967cc\sh\0967ccsht13.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-47/CONST.14
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

CHARLES BARRETT ALMOND &
JENNINGS B. ALMOND
DB 392 PG 810
(56)

ENDY FIRE DEPT. INC.
894/220

(61)

+19.740
22.860m (75.00ft)
30.480m (10.00ft)

STANLEY COUNTY BOARD OF EDUCATION
DB 324 PG 956
DB 66 PG 392
DB 66 PG 18
(64)

NCGS "ENDY"
PINC 189+61.124
-L- POT 190+94.469
OFF 18.946 LT

0.6m BASE TAIL DITCH
EST. DDE = SEE SHEET 13
SEE DETAIL F1

+87.000
39.929m (131.00ft)
52.121m (171.00ft)

BL-74 PINC 187+61.463
-L- POT 188+97.475 OFF 19.414 LT

+55.740
22.860m (75.00ft)
25.908m (85.00ft)

6 x 3 x 1
1.5 m weir

+53.000
30.480m (100.00ft)
33.000m (108.27ft)

6 x 3 x 1
1.5 m weir

+67.000
30.480m (100.00ft)
33.000m (108.27ft)

7 x 3 x 1
1.5 m weir

MATCHLINE -L- STA. 188+80.000 SEE SHEET 13

MATCHLINE -L- STA. 191+20.000 SEE SHEET 15

400 mm

450mm CONC N 43° 29' 46"E

NC 24-27 8.3 BST

EXISTING 18.288 (60')RW
L629 R/W TO CIP

N 40° 53' 52"E -L-

NO ASSOCIATED PIPING
FOUND FOR WM's IN
THIS GENERAL AREA.

300 CONC

BK WALL

0.860 RW TO CONC

CONC R/W

MEDIAN CROSSOVER
W/ PAVING BLOCKS
SEE SPECIAL DETAIL

ENDY FIRE
DEPT. INC.
894/220

400 CSP
W/I ELBOW

ROD & LUG
W/SLEEVE GASKETS

LUTHER J. & WIFE
HELEN H. CRISCO
DB 218 PG 45

+20.000
34.747m
(114.00ft)

7 x 4 x 1

+55.740
30.480m (100.00ft)
35.052m (115.00ft)

9 x 4 x 1

-L- SCSta.190+19.740

STD. BERM DITCH
STA. 189+60 TO STA. 190+20 -L- RT.

-L- TSSta.189+55.740

10 x 5 x 1
1.5 m weir

+19.740
30.480m (100.00ft)
35.052m (115.00ft)

8 x 4 x 1

+60.000
39.929m (131.00ft)

10 x 5 x 1

LOIS T. MORTON
DB 294 PG 805
(60)

NOTE: SEE SHEET 2-G FOR CURVE DATA
SEE SHEETS 2-H THRU 2-J FOR DRAINAGE DETAILS
SEE SHEETS 39 AND 40 FOR -L- PROFILE

07-MAR-2005 14:45
e:\rural\r-0967ccsh\dgn\r0967ccsh14.psh
nshan AT REN2003241

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-48/CONST.15
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

10 x 5 x 1 2.0 m weir
11 x 6 x 1 2.0 m weir
8 x 4 x 1 1.5 m weir
12 x 6 x 1 2.5 m weir
10 x 5 x 1 1.5 m weir
8 x 4 x 1
9 x 5 x 1 1.5 m weir
6 x 3 x 1 1.5 m weir
7 x 3 x 1 1.5 m weir
9 x 4 x 1
7 x 4 x 1 1.5 m weir
10 x 5 x 1

MATCHLINE -Y55- STA. 10+60.000 SEE SHEET 33
MATCHLINE -Y43- STA.10+96.172 SEE SHEET 33
MATCHLINE -L- STA. 191+20.000 SEE SHEET 14
MATCHLINE -L- STA. 194+80.000 SEE SHEET 16

NAD 83

SR 1256 / ENDY ROAD
-Y43-
1550 2700
610 800
940 1900
-L-
NC 24 / 27
11740 23000
12100 24100
ADT 2004
ADT 2031

-Y55- PCSta.10+17.051
-Y43- POTSta.10+77.238
BEGIN CONSTRUCTION
-Y55- POT STA.10+00.000
-L- POS Sta.192+34.562
-Y43- POTSta.10+00.000
-Y43- PCSta.10+00.806
-L- CSSta.192+32.600
-L- STSta.192+96.600

SPECIAL LATERAL 'V' DITCH W/PSRM SEE DETAIL P
BURY BOTH ENDS 0.3m
CL I RIPRAP
SEE DETAIL L1 SPECIAL CUT DITCH W/PSRM
0.9m BASE LATERAL DITCH EST. DDE =178 M3 SEE DETAIL J1
LATERAL 'V' DITCH W/PSRM EST. DDE = 45 M3 SEE DETAIL K1
BERM W/PSRM SEE DETAIL Q1
CHANNEL CHANGE EST. DDE = 350 M3 SEE DETAIL T1
ROOTWAD SEE DETAIL S1
FILL EX. CHANNEL
LATERAL 'V' DITCH W/PSRM EST. DDE 30 M3 SEE DETAIL R1
0.6m BASE LATERAL DITCH EST. DDE = SEE SHEET 16 SEE DETAIL W1
CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.
CLASS 'I' RIP RAP EST. 23.6 MTONS FILTER FABRIC EST. 46.8 S.M.
CLASS 'I' RIP RAP EST. 2 X 18.1 MTONS FILTER FABRIC EST. 2 X 32.6 S.M.
RETAIN & EXTEND 3@3.0m x 2.4m RCBC W/DEBRIS DEFLECTORS
600 CSP W/1 ELBOW ROD & LUG W/SLEEVE GASKETS
2@1050 BURY BOTH ENDS 0.3m
PROPOSED GUARDRAIL
REMOVE EXISTING GUARDRAIL
CLASS I RIPRAP
TIE TO EXISTING DITCH
PROP.125mm ISLAND
PROPOSED GUARDRAIL

STANLEY COUNTY BOARD OF EDUCATION
DB 324 PG 956
DB 66 PG 392
DB 66 PG 18
(64)

GARRETT W. EFIRD AND WIFE JUDY A. EFIRD
DB 264 PG 113
(67)

GARRETT W. EFIRD AND WIFE JUDY A. EFIRD
DB 264 PG 113
(913)

BENNIE S. HAHN & WF. DIANE G. HAHN
DB 323 PG 625
DB 492 PG 465
DB 654 PG 394
(72)

LUTHER J. & WIFE HELEN H. CRISCO
DB 218 PG 45
(63)

LOIS T. MORTON
DB 294 PG 805
(60)

NCDOT
DB 781PG 393
(907)

ENDY VOL. FIRE DEPT.
DB 193 PG 107
DB 185 PG 222
DB 566 PG 657
(69)

GARRETT W. & WIFE JUDY A. EFIRD
DB 715 PG 132
(70)

LOIS T. MORTON
DB 310 PG 603

BL-76
BL-PINC 191+39.591 -
BY43-POT 7+61.028
-L- POT 192+68.665 OFF 22.873 RT

NOTE: SEE SHEET 2-G FOR CURVE DATA
SEE SHEETS 2-H THRU 2-J FOR DRAINAGE DETAILS
SEE SHEET 40 FOR -L- PROFILE
SEE SHEET 54 FOR -Y43- PROFILE
SEE SHEET 60 FOR -Y55- PROFILE
FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.
FOR PAY ITEM FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE ROADWAY PLANS.

★ NEW SIGNAL

07-MAR-2005 15:47
g:\rural\r-0967cc\r0967cconst15.psh
pstevenson AT REN72832.ren

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-49/CONST.16
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

MATCHLINE –L– STA. 194+80.000 SEE SHEET 15

MATCHLINE –L– STA. 198+30.000 SEE SHEET 17

72 BENNIE S. HAHN & WIFE DIANE G. HAHN DB 323 PG 625 DB 492 PG 465 DB 654 PG 394

72 BENNIE S. HAHN & WIFE DIANE G. HAHN DB 323 PG 625 DB 492 PG 465 DB 654 PG 394

78 WILLIAM H. PREVATTE DB 593 PG 937

906 NCDOT DB 759 PG 682

922 NCDOT DB 905 PG 044

0.6m BASE LATERAL DITCH W/PSRM EST. DDE = 84 M3 SEE DETAIL W1

0.6m BASE LATERAL DITCH EST. DDE = 290 M3 SEE DETAIL W1

+18.000 35.052m (115.00ft)

14 x 7 x 1 2.0 m weir

9 x 5 x 1

+50.000 38.100m (125.00ft)

+40.000 38.100m (125.00ft)

12 x 6 x 1 2.5 m weir

+60.000 30.480m (100.00ft)

8 x 4 x 1

+80.000 35.052m (115.00ft)

+50.000 30.480m (100.00ft)

PROPOSED 1000mm WW & 2SBW

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

CLASS 'I' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

CL B RIPRAP

RETHA A. HAHN & WIFE LEORA W. HAHN DB 344 PG 95

71

BENNIE S. HAHN & WIFE DIANE G. HAHN DB 654 PG 394

77

60.960m ROW

PROPOSED GUARDRAIL

REMOVE EXISTING 1000 WW & 2SBW

PROP. 125mm ISLAND

60:1 TAPER

ASSOCIATED PIPING FOUND FOR WM– IN THIS AREA

-L- N 63° 33' 32.8" E

N 61° 25' 23.4" E

N 79° 55' 38.4" E

GRADE TO DRAIN

DO NOT DISTURB SIGN

+00.000 26.213m (86.00ft)

+00.000 22.860m (75.00ft) 30.480m (100.00ft)

+50.000 26.213m (86.00ft)

+80.000 28.956m (95.00ft)

+60.000 26.518m (87.00ft)

+60.000 22.860m (75.00ft) 30.480m (100.00ft)

14 x 7 x 1 2.0 m weir

10 x 4 x 1

10 x 5 x 1

8 x 4 x 1

9 x 4 x 1 1.5 m weir

8 x 4 x 1 2.0 m weir

SPECIAL CUT DITCH SEE DETAIL Y1

BL-77 PINC 196+34.910 -L- POT 197+63.839 OFF 4.493 RT

74 JOHN E. BRUTON & WIFE EDNA K. BRUTON DB 231 PG 214

75 JEFFREY M. HEATHERLY & WIFE LINDA M. HEATHERLY DB 518 PG 626

76 BLANCHE S. ALMOND DB 150 PG 283 DB 505 PG 860

80 MARIE S. SIMPLER DB 945 PG 925

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 40 AND 41 FOR –L– PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-50/CONST.17
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

922 NCDOT DB 905 PG 044

902 NCDOT DB 727 PG 094

JIMMY W. AND WIFE ROSA V. BOHANNON DB 354 PG 166

BRUCE G. ALMOND & WIFE GWENDOLYN L. ALMOND DB 571 PG 441 DB 155 PG 324 DB 179 PG 460

86 DAVID M. HINSON & WIFE ROBIN M. HINSON DB 862 PG 145

79 FAT CAT CUSTOMS, INC. DB 614 PG 74

908 NCDOT

80 MARIE S. SIMPLER DB 945 PG 925

81 METAL MAINTENANCE, INC. DB 498 PG 660

82 BRUCE GENE ALMOND & WIFE GWENDOLYN DIANE ALMOND DB 780 PG 255

83 E. ALLEN & WIFE TRACY A. GADDY DB 550 PG 900

84 DAVID M. AND WIFE ROBIN M. HINSON DB 611 PG 968

85 DAVID M. AND WIFE ROBIN M. HINSON DB 342 PG 39 DB 340 PG 346

MATCHLINE -L- STA.198+30.000 SEE SHEET 16

MATCHLINE -L- STA. 201+80.000 SEE SHEET 18

-L- TSSta.200+36.153

-L- SCSta.201+00.153

13 x 6 x 1 1.5 m weir

9 x 5 x 1

8 x 4 x 1

12 x 6 x 1 2.0 m weir

10 x 4 x 1

9 x 5 x 1 1.5 m weir

12 x 6 x 1 2.0 m weir

6 x 3 x 1 1.5 m weir

7 x 4 x 1

+50.000 30.480m (100.00ft) 35.052m (115.00ft)

+35.516 (EXIST PROP. LINE) 32.608m (106.98ft)

+20.000 30.480m (100.00ft)

+34.874 (EXIST PROP. LINE) 30.480m (100.00ft)

TIE TO EXISTING RIGHT OF WAY

+55.462 (EXIST PROP. LINE) 30.480m (100.00ft)

+99.000 30.480m (100.00ft) 49.987m (164.00ft)

+17.000 30.480m (100.00ft)

+36.153 35.052m (115.00ft)

+36.000 49.987m (164.00ft)

+60.000 34.119m (111.94ft)

+30.000 30.480m (100.00ft) 32.918m (108.00ft)

+00.153 30.480m (100.00ft) 33.528m (110.00ft)

SPECIAL CUT DITCH SEE DETAIL U1

RETAIN & EXTEND 2@2.4m x 1.8m RCBC

0.6m BASE LATERAL DITCH W.CL. I RIP RAP EST. DDE = 77 M3 SEE DETAIL Z1

LATERAL BASE DITCH EST. DDE = 194 M3 SEE DETAIL X1

CLASS 'I' RIP RAP EST. 13.6 MTONS FILTER FABRIC EST. 25.1 S.M.

SPECIAL CUT DITCH SEE DETAIL Y1

REMOVE EXCESS EXIST. GUARDRAIL

RETAIN EXIST. GUARDRAIL

REMOVE EXISTING GUARDRAIL

REM. 1.2m +/-COLLAR & EXTEND THROUGH WW

BEGIN EXIST. GUARDRAIL REMOVAL

GRADE TO DRAIN

REMOVE EXISTING 1000mm WW & 5SBW

PROPOSED 1000mm WW & 5SBW FENCE

LATERAL 'V' DITCH EST. DDE = 142 M3 SEE DETAIL A2

LATERAL BASE DITCH EST. DDE = 118 M3 SEE DETAIL X1

CL. I RIP RAP EST. 28 TONS 17m FILTER FABRIC

CLASS 'I' RIP RAP EST. 3.6 MTONS FILTER FABRIC EST. 8.4 S.M.

SPECIAL CUT DITCH W/ PSRM SEE DETAIL B2

STD. BERM DITCH STA. 201+23 TO STA. 202+20

TEMPORARY CONSTRUCTION EASEMENT

TEMPORARY DRAINAGE EASEMENT

NCGS "KEITH" PINC 197+32.928 -L- POT 198+57.884 OFF 32.115 RT

BL-79 PINC 199+19.965 -L- POT 200+42.488 OFF 2.054 RT

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 41 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-51/CONST.18
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

-L- CSSta. 201+83.230

-L- STSta. 202+47.230

BL-80 PINC 202+74.903
-L- POT 203+99.078 OFF 18.087 LT

MATCHLINE -L- STA. 201+80.000 SEE SHEET 17

MATCHLINE -L- STA. 205+10.000 SEE SHEET 19

86
DAVID M. HINSON & WIFE
ROBIN M. HINSON
DB 862 PG 145

87
MICHAEL B. MORGAN
DB 344 PG 98

88
CROPSIE TREECE HOWELL
DB 348 PG 691

89
HUBERT A. MORGAN
DB 169 PG 200

MICHAEL B. MORGAN
DB 344 PG 98

85
DAVID M. AND WIFE ROBIN M. HINSON
DB 342 PG 39
DB 340 PG 346

93
M. GENE ALMOND & WIFE
JEANNETTE D. ALMOND
DB 269 PG 125

94
M. GENE ALMOND & WIFE
JEANNETTE D. ALMOND
DB 243 PG 248

95
M. GENE ALMOND & WIFE JEANETTE D. ALMOND
DB 376 PG 122

M. GENE ALMOND & WIFE JEANETTE D. ALMOND
DB 376 PG 122

M. GENE ALMOND & WIFE JEANETTE D. ALMOND
DB 376 PG 122

96
SONYA C.P. TUCKER
DB 846 PG 771

97
NO CLAIM
GEORGE A. HATHCOCK
DB 1004 PG 868
DB 707 PG 340

912
NCDOT
DB 781
PG 695

905
NCDOT
DB 742
PG 708

60.960m
ROW

+83.230
30.480m (100.00ft)

+47.230
30.480m (100.00ft)

+90.000
35.966m (118.00ft)

+20.000
35.966m (118.00ft)

+80.000
30.480m (100.00ft)
45.110m (148.00ft)

+05.000
30.480m (100.00ft)
45.110m (148.00ft)

+00.000
33.223m (109.00ft)

+20.000
30.480m (100.00ft)

+80.000
30.480m (100.00ft)

+50.000
30.480m (100.00ft)
32.918m (108.00ft)

+10.000
30.480m (100.00ft)
38.100m (125.00ft)

+80.000
30.480m (100.00ft)
38.100m (125.00ft)

8 x 4 x 1

7 x 4 x 1

9 x 4 x 1

9 x 5 x 1
1.5 m weir

12 x 6 x 1
2.0 m weir

SPECIAL CUT DITCH
SEE DETAIL D1

SPECIAL CUT DITCH
W/PSRM
SEE DETAIL E2

SPECIAL CUT DITCH
W/PSRM
SEE DETAIL D2

STD. BERM DITCH
STA. 201+23 TO
STA. 202+20

0.6m BASE HEAD DITCH
EST. DDE = 62 M3
SEE DETAIL C2

TAIL 'V' DITCH
EST. DDE = 5 M3
SEE DETAIL V

TIE INTO
EXISTING DITCH

TIE TO
EXISTING
DITCH

CLASS 'I' RIP RAP
EST. 6.4 MTONS
FILTER FABRIC
EST. 12.5 S.M.

COLLAR & EXTEND

REMOVE

TDE

EXISTING 18.288 (60')RW

EXISTING R/W 9.144 (30.00')

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 41 AND 42 FOR -L- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-52/CONST.19
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

MATCHLINE –L– STA. 205+10.000 SEE SHEET 18

MATCHLINE –L– STA. 208+60.000 SEE SHEET 20

NCGS "CLETUS" PINC 205+39.601
–L– POT 206+62.968 OFF 1.692 LT

BL-82 PINC 207+16.820
–L– POT 208+37.375
OFF 22.469 LT

MICHAEL B. MORGAN
DB 344 PG 98

HUBERT A. MORGAN
DB 169 PG 200

MICHABEL B. MORGAN
DB 350 PG 798

RAY JUNIOR SMITH
DB 330 PG 770
DB 311 PG 767

RICHARD STEVE PERKINS
DB 619 PG 66

ROBERT P. KELLY & WIFE
CAROLYN M. KELLY
DB 323 PG 303

ROBERT P.KELLY & WIFE CAROLYN KELLY
DB 220 PG 501

BETH K. SPEIGHTS
DB 577 PG 37

NCDOT
DB 742 PG 708

JIMMY WILLIAM LAMBERT & BILL H. LAMBERT
DB 337 PG 901

GEORGE A. HATHCOCK
DB 1004 PG 868
DB 707 PG 340
NO CLAIM

M. GENE ALMOND & WIFE JEANETTE D. ALMOND
DB 376 PG 122

JIMMY WILLIAM LAMBERT & BILL H. LAMBERT
DB 337 PG 901

JIMMY W. LAMBERT & BILLY H. LAMBERT
DB 738 PG 609

GARY O'NEAL KING & WIFE JOYCE BOONE KING
DB 488 PG 598

RALPH C.& WIFE VIRGINIA C. EURY
DB 365 PG 251

JANE CLARK CHEEK
DB 354 PG 567

WILLIAM D.& WIFE CAROL ANN MARSH

BOYD C. MILLER & EUGENE A.

10 x 5 x 1
1.5 m weir

10 x 4 x 1

7 x 3 x 1
1.5 m weir

15 x 5 x 1
1.5 m weir

9 x 4 x 1

12 x 6 x 1
2.0 m weir

8 x 4 x 1

+76.289
30.480m
(100.00ft)

+40.289
30.480m
(100.00ft)

+85.000
30.480m
(100.00ft)

+14.000
30.480m
(100.00ft)

+40.000
38.100m
(125.00ft)

+80.000
34.747m
(114.00ft)

+00.000
38.100m
(125.00ft)

+40.000
30.480m
(100.00ft)

+50.809
30.480m
(100.00ft)
32.918m
(108.00ft)

+27.000
30.480m
(100.00ft)

+80.000
43.891m
(144.00ft)

+09.000
43.282m
(142.00ft)

+18.007
30.480m
(100.00ft)

TIE ROADWAY CUT DITCH INTO EXISTING DITCH

CLASS 'I' RIP RAP
EST. 10.0 MTONS
FILTER FABRIC
EST. 18.4 S.M.

LATERAL 'V' DITCH
W/CL. 'B' RIP RAP
EST. DDE = 8 M3
SEE DETAIL F2

ROD AND LUG W/ SLEEVE GASKETS

LATERAL 'V' DITCH W/PSRM
EST. DDE = 324 M3
SEE DETAIL O1

SPECIAL CUT DITCH W/PSRM
SEE DETAIL E2

LATERAL 'V' DITCH
EST. DDE = 175 M3
SEE DETAIL H

LATERAL 'V' DITCH W/PSRM
EST. DDE = 3 M3
SEE DETAIL O1

TIE INTO EXISTING DITCH

COLLAR & EXTEND

REMOVE

–L– TSSta. 205+76.289

–L– SCSta. 206+40.289

–L– CSSta. 207+54.007

–L– SRSta. 208+18.007

N 58° 04' 19.6" E

N 53° 47' 33.4"

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA.

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 42 FOR –L– PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-53/CONST.20
	R /W SHEET NO.	
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.		

15 x 8 x 1
2.0 m weir

10 x 5 x 1
1.5 m weir

8 x 4 x 1

10 x 4 x 1

9 x 5 x 1
1.5 m weir

8 x 4 x 1

9 x 4 x 1
1.5 m weir

8 x 3 x 1

12 x 6 x 1
2.0 m weir

18 x 5 x 1
1.5 m weir

15 x 8 x 1
2.0 m weir

12 x 6 x 1
1.5 m weir

NAD 83

95.533
N54°37'38"E

BY45-1POT 5+00.000

102 BETH K. SPEIGHTS
DB 577 PG 37

118 DIANE LATON TALBERT
DB 287 PG 716
DB 570 PG 254

120 ROY E. DICK & WIFE RUTH L. DICK
DB 130 PG 175

119 DIANE LATON TALBERT
DB 547 PG 378
DB 193 PG 700

121 KAY SELLS EUDY
DB 898 PG 881

122 PANSY EFIRD MORTON
DB 355 PG 808

123 JOSEPH W. KIKER & WIFE DORIS H. KIKER
DB 268 PG 677

124 HUBERT N. RUSSELL & WIFE EDITH W. RUSSELL
DB 518 PG 141

125 ALAN KENT TUCKER
DB 377 PG 672

126 ALAN KENT TUCKER
&WIFE CHRISTIH. TUCKER
DB 577 PG 754
DB 651 PG 880

KENNETH D.JONES & WIFE KAY M. JONES
DB 378 PG 778

NCGS "CITGO"
BL-PINC 209+10.964 =
BY45-PINC 6+80.603
-L- POT 210+34.894
OFF 3.689 LT

-L- STSta.210+58.314

-L- CSSta.209+94.314

-Y46- POTSta.11+30.319

-Y46- +30.000
7.040m (23.10ft)
EXIST. R/W

END CONSTRUCTION
-Y46- POT STA.11+20.000

-Y46- +20.000
7.143m (23.44ft)
9.449m (31.00ft)

-Y46- +00.000
17.678m (58.00ft)

-Y46- +30.000
8.201m (26.91ft)
EXIST. R/W

TIE INTO EXISTING DITCH

-Y46- +20.000
8.098m (26.57ft)
EXIST. R/W
10.363m (34.00ft)

-Y46- +00.000
17.678m (58.00ft)

-Y46- +60.000
20.117m (66.00ft)

-Y46- +44.914
16.764m (55.00ft)

-Y46- +71.336
12.192m (40.00ft)

SPECIAL CUT DITCH
SEE DETAIL G2

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

-L- SCSta.208+82.007

+82.007
30.480m (100.00ft)

+58.314
26.213m (86.00ft)

+10.000
31.099m (104.00ft)

-Y46- +71.336
12.192m (40.00ft)

-Y46- PTSta.10+71.336

+60.000
30.480m (100.00ft)

-Y46- +50.000
12.192m (40.00ft)

-Y46- +46.875
17.678m (58.00ft)

-Y46- PCSta.10+11.865

+25.671
30.480m (100.00ft)

GRADE TO DRAIN

MAINTAIN PART OF EXISTING PAVEMENT TO USE AS DRIVEWAY ACCESS

PROPOSED GUARDRAIL BARRIER

90.0 RIGHT TURN TAPER

+10.000
31.099m (104.00ft)

TIE INTO EXISTING DITCH
+60.000
22.860m(75.00ft)
26.213m(86.00ft)

53.340m ROW

-L- STA. 212+20.000 SEE SHEET 21

MATCHLINE -L- STA 208+60.000 SEE SHEET 19

MATCHLINE -Y45- STA.12+00.000 SEE SHEET 34

-Y45- +20.000
17.490m (57.38ft)

-Y45- +10.000
9.144m (30.00ft)

-Y45- +18.000
16.229m (53.25ft)

-Y45- +10.000
9.144m (30.00ft)

-L- POCSta.209+90.618

-Y45- POTSta.12+59.765

-Y46- POTSta.10+00.000

+65.000
30.480m (100.00ft)

+15.000
30.480m (100.00ft)

+59.228
30.480m (100.00ft)

+78.086
54.714m (179.51ft)

+77.344
63.678m (208.92ft)

+99.301
55.158m (180.96ft)

+74.127
30.480m (100.00ft)

+23.000
30.480m (100.00ft)

+24.000
38.000m (124.67ft)

+30.000
38.000m (124.67ft)

+30.000
30.480m (100.00ft)

+64.000
30.480m (100.00ft)
42.977m (141.00ft)

+78.000
30.480m (100.00ft)
42.977m (141.00ft)

55-18-55
2 OS

TAIL 'V' DITCH
EST. DDE = 89 M3
SEE DETAIL V

TAIL 'V' DITCH
EST. DDE = 7 M3
SEE DETAIL V

CLASS 'B' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 5.9 S.M.

CROSS-PIPE END MIN. 10m FROM FLATTEN FILL SLOPE ACCORDINGLY

COLLAR & EXTEND

REMOVE

REMOVE 26M+/-

RETAIN

GR BARRICADE

HORIZON OUTDOOR ADVERTISING, INC.
DB 584 PG 961

NCDOT
DB 867 PG 361

NCDOT
DB 730 PG 690

DONNIE M. BROOKS & WIFE MERLE A. BROOKS
DB 369 PG 217

DUSTIN LYNN ALEXANDER HANCOCK
DB 778 PG 390

SHELIA T. ALEXANDER, WIDOW
DB 275 PG

DONNY LANE FESPERMAN
DB 299 PG 965
DB 353 PG 803
DB 489 PG 465

THE ESTATE OF WILLIE C. HINSON
DB 244 PG 93
NO CLAIM

106 CLAUDE CLARK & WIFE LEORA CLARK
DB 379 PG 945

107 CONCORD TELEPHONE COMPANY
DB 390 PG 156

105 RALPH C. EURY & WIFE VIRGINIA C. EURY
DB 227 PG 20

JAMES L. LINGERFELT & WIFE SYLVIA BLAKE LINGERFELT
DB 364 PG 644

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 42 AND 43 FOR -L- PROFILE
SEE SHEET 55 FOR -Y45- PROFILE
SEE SHEET 56 FOR -Y46- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-54/CONST.21
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

SR 1312 / ODELL DRIVE

ADT 2004
ADT 2030

NC 24 / 21
12500
24800

105/200

105/200

-Y447-

-/-/-

NC 24 / 21
12500
21800

NAD 83

S 50°16'18.0" W

BY47-1POT 5+00.000
-Y47- POT 11+33.943
OFF 5.904 RT

-Y47-+30.000
6.481m
(21.26ft)

-Y47-+20.000
10.060m
(33.00ft)

-Y47-+00.000
13.106m
(43.00ft)

-Y47- POTSta.11+69.973

-Y47- PTSta.11+61.105

-Y47-+30.000
8.771m (28.78ft)

-Y47- PCCSta.11+24.722
END CONSTRUCTION
-Y47- POC STA.11+20.000

-Y47-+20.000
8.048m(26.41ft)
12.192m(40.00ft)

-Y47-+80.000
15.240m
(50.00ft)

-Y47-+50.000
7.733m
(25.37ft)

-Y47-
+40.000
15.240m
(50.00ft)

-Y47- PCSta.10+71.201

-Y47-+60.000
17.069m
(56.00ft)

-Y47-+71.201
12.192m
(40.00ft)

-Y47-+47.373
12.192m
(40.00ft)

-Y47-+44.397
18.535m (60.81ft)

-Y47- PTSta.10+32.467

+60.000
27.127m
(89.00ft)

+60.000
22.86m
(75.00ft)

+03.222
28.449m(93.34ft)

+35.000
22.860m(75.00ft)
25.603m(84.00ft)

+00.000
25.603m
(84.00ft)

+80.000
29.566m(97.00ft)

+80.000
24.384m(80.00ft)

+40.000
26.213m(86.00ft)

-Y47-PCSta.10+15.371

-Y47- PTSta.10+00.000

-L- POTSta.214+38.130
-Y47- POTSta.10+00.000

-L- PTSta.213+38.130

-L- POTSta.212+38.130

-L- PTSta.211+38.130

-L- POTSta.211+69.973

-L- PTSta.211+61.105

-L- PCCSta.211+24.722

-L- POC STA.211+20.000

-L- PCSta.210+71.201

-L- PTSta.210+32.467

-L- PCSta.210+15.371

-L- POTSta.210+00.000

-L- POTSta.209+38.130

-L- PTSta.208+38.130

-L- POTSta.208+69.973

-L- PTSta.208+61.105

-L- PCCSta.208+24.722

-L- POC STA.208+20.000

-L- PCSta.207+71.201

-L- PTSta.207+32.467

-L- PCSta.207+15.371

-L- POTSta.207+00.000

-L- POTSta.206+38.130

-L- PTSta.205+38.130

-L- POTSta.205+69.973

-L- PTSta.205+61.105

-L- PCCSta.205+24.722

-L- POC STA.205+20.000

-L- PCSta.204+71.201

-L- PTSta.204+32.467

-L- PCSta.204+15.371

-L- POTSta.204+00.000

-L- POTSta.203+38.130

-L- PTSta.202+38.130

-L- POTSta.202+69.973

-L- PTSta.202+61.105

-L- PCCSta.202+24.722

-L- POC STA.202+20.000

-L- PCSta.201+71.201

-L- PTSta.201+32.467

-L- PCSta.201+15.371

-L- POTSta.201+00.000

-L- POTSta.200+38.130

-L- PTSta.199+38.130

-L- POTSta.199+69.973

-L- PTSta.199+61.105

-L- PCCSta.199+24.722

-L- POC STA.199+20.000

-L- PCSta.198+71.201

-L- PTSta.198+32.467

-L- PCSta.198+15.371

-L- POTSta.198+00.000

-L- POTSta.197+38.130

-L- PTSta.196+38.130

-L- POTSta.196+69.973

-L- PTSta.196+61.105

-L- PCCSta.196+24.722

-L- POC STA.196+20.000

-L- PCSta.195+71.201

-L- PTSta.195+32.467

-L- PCSta.195+15.371

-L- POTSta.195+00.000

-L- POTSta.194+38.130

-L- PTSta.193+38.130

-L- POTSta.193+69.973

-L- PTSta.193+61.105

-L- PCCSta.193+24.722

-L- POC STA.193+20.000

-L- PCSta.192+71.201

-L- PTSta.192+32.467

-L- PCSta.192+15.371

-L- POTSta.192+00.000

-L- POTSta.191+38.130

-L- PTSta.190+38.130

-L- POTSta.190+69.973

-L- PTSta.190+61.105

-L- PCCSta.190+24.722

-L- POC STA.190+20.000

-L- PCSta.189+71.201

-L- PTSta.189+32.467

-L- PCSta.189+15.371

-L- POTSta.189+00.000

-L- POTSta.188+38.130

-L- PTSta.187+38.130

-L- POTSta.187+69.973

-L- PTSta.187+61.105

-L- PCCSta.187+24.722

-L- POC STA.187+20.000

-L- PCSta.186+71.201

-L- PTSta.186+32.467

-L- PCSta.186+15.371

-L- POTSta.186+00.000

-L- POTSta.185+38.130

-L- PTSta.184+38.130

-L- POTSta.184+69.973

-L- PTSta.184+61.105

-L- PCCSta.184+24.722

-L- POC STA.184+20.000

-L- PCSta.183+71.201

-L- PTSta.183+32.467

-L- PCSta.183+15.371

-L- POTSta.183+00.000

-L- POTSta.182+38.130

-L- PTSta.181+38.130

-L- POTSta.181+69.973

-L- PTSta.181+61.105

-L- PCCSta.181+24.722

-L- POC STA.181+20.000

-L- PCSta.180+71.201

-L- PTSta.180+32.467

-L- PCSta.180+15.371

-L- POTSta.180+00.000

-L- POTSta.179+38.130

-L- PTSta.178+38.130

-L- POTSta.178+69.973

-L- PTSta.178+61.105

-L- PCCSta.178+24.722

-L- POC STA.178+20.000

-L- PCSta.177+71.201

-L- PTSta.177+32.467

-L- PCSta.177+15.371

-L- POTSta.177+00.000

-L- POTSta.176+38.130

-L- PTSta.175+38.130

-L- POTSta.175+69.973

-L- PTSta.175+61.105

-L- PCCSta.175+24.722

-L- POC STA.175+20.000

-L- PCSta.174+71.201

-L- PTSta.174+32.467

-L- PCSta.174+15.371

-L- POTSta.174+00.000

-L- POTSta.173+38.130

-L- PTSta.172+38.130

-L- POTSta.172+69.973

-L- PTSta.172+61.105

-L- PCCSta.172+24.722

-L- POC STA.172+20.000

-L- PCSta.171+71.201

-L- PTSta.171+32.467

-L- PCSta.171+15.371

-L- POTSta.171+00.000

-L- POTSta.170+38.130

-L- PTSta.169+38.130

-L- POTSta.169+69.973

-L- PTSta.169+61.105

-L- PCCSta.169+24.722

-L- POC STA.169+20.000

-L- PCSta.168+71.201

-L- PTSta.168+32.467

-L- PCSta.168+15.371

-L- POTSta.168+00.000

-L- POTSta.167+38.130

-L- PTSta.166+38.130

-L- POTSta.166+69.973

-L- PTSta.166+61.105

-L- PCCSta.166+24.722

-L- POC STA.166+20.000

-L- PCSta.165+71.201

-L- PTSta.165+32.467

-L- PCSta.165+15.371

-L- POTSta.165+00.000

-L- POTSta.164+38.130

-L- PTSta.163+38.130

-L- POTSta.163+69.973

-L- PTSta.163+61.105

-L- PCCSta.163+24.722

-L- POC STA.163+20.000

-L- PCSta.162+71.201

-L- PTSta.162+32.467

-L- PCSta.162+15.371

-L- POTSta.162+00.000

-L- POTSta.161+38.130

-L- PTSta.160+38.130

-L- POTSta.160+69.973

-L- PTSta.160+61.105

-L- PCCSta.160+24.722

-L- POC STA.160+20.000

-L- PCSta.159+71.201

-L- PTSta.159+32.467

-L- PCSta.159+15.371

-L- POTSta.159+00.000

-L- POTSta.158+38.130

-L- PTSta.157+38.130

-L- POTSta.157+69.973

-L- PTSta.157+61.105

-L- PCCSta.157+24.722

-L- POC STA.157+20.000

-L- PCSta.156+71.201

-L- PTSta.156+32.467

-L- PCSta.156+15.371

-L- POTSta.156+00.000

-L- POTSta.155+38.130

-L- PTSta.154+38.130

-L- POTSta.154+69.973

-L- PTSta.154+61.105

-L- PCCSta.154+24.722

-L- POC STA.154+20.000

-L- PCSta.153+71.201

-L- PTSta.153+32.467

-L- PCSta.153+15.371

-L- POTSta.153+00.000

-L- POTSta.152+38.130

-L- PTSta.151+38.130

-L- POTSta.151+69.973

-L- PTSta.151+61.105

-L- PCCSta.151+24.722

-L- POC STA.151+20.000

-L- PCSta.150+71.201

-L- PTSta.150+32.467

-L- PCSta.150+15.371

-L- POTSta.150+00.000

-L- POTSta.149+38.130

-L- PTSta.148+38.130

-L- POTSta.148+69.973

-L- PTSta.148+61.105

-L- PCCSta.148+24.722

-L- POC STA.148+20.000

-L- PCSta.147+71.201

-L- PTSta.147+32.467

-L- PCSta.147+15.371

-L- POTSta.147+00.000

-L- POTSta.146+38.130

-L- PTSta.145+38.130

-L- POTSta.145+69.973

-L- PTSta.145+61.105

-L- PCCSta.145+24.722

-L- POC STA.145+20.000

-L- PCSta.144+71.201

-L- PTSta.144+32.467

-L- PCSta.144+15.371

-L- POTSta.144+00.000

-L- POTSta.143+38.130

-L- PTSta.142+38.130

-L- POTSta.142+69.973

-L- PTSta.142+61.105

-L- PCCSta.142+24.722

-L- POC STA.142+20.000

-L- PCSta.141+71.201

-L- PTSta.141+32.467

-L- PCSta.141+15.371

-L- POTSta.141+00.000

-L- POTSta.140+38.130

-L- PTSta.139+38.130

-L- POTSta.139+69.973

-L- PTSta.139+61.105

-L- PCCSta.139+24.722

-L- POC STA.139+20.000

-L- PCSta.138+71.201

-L- PTSta.138+32.467

-L- PCSta.138+15.371

-L- POTSta.138+00.000

-L- POTSta.137+38.130

-L- PTSta.136+38.130

-L- POTSta.136+69.973

-L- PTSta.136+61.105

-L- PCCSta.136+24.722

-L- POC STA.136+20.000

-L- PCSta.135+71.201

-L- PTSta.135+32.467

-L- PCSta.135+15.371

-L- POTSta.135+00.000

-L- POTSta.134+38.130

-L- PTSta.133+38.130

-L- POTSta.133+69.973

-L- PTSta.133+61.105

-L- PCCSta.133+24.722

-L- POC STA.133+20.000

-L- PCSta.132+71.201

-L- PTSta.132+32.467

-L- PCSta.132+15.371

-L- POTSta.132+00.000

-L- POTSta.131+38.130

-L- PTSta.130+38.130

-L- POTSta.130+69.973

-L- PTSta.130+61.105

-L- PCCSta.130+24.722

-L- POC STA.130+20.000

-L- PCSta.129+71.201

-L- PTSta.129+32.467

-L- PCSta.129+15.371

-L- POTSta.129+00.000

-L- POTSta.128+38.130

-L- PTSta.127+38.130

-L- POTSta.127+69.973

-L- PTSta.127+61.105

-L- PCCSta.127+24.722

-L- POC STA.127+20.000

-L- PCSta.126+71.201

-L- PTSta.126+32.467

-L- PCSta.126+15.371

-L- POTSta.126+00.000

-L- POTSta.125+38.130

-L- PTSta.124+38.130

-L- POTSta.124+69.973

-L- PTSta.124+61.105

-L- PCCSta.124+24.722

-L- POC STA.124+20.000

-L- PCSta.123+71.201

-L- PTSta.123+32.467

-L- PCSta.123+15.371

-L- POTSta.123+00.000

-L- POTSta.122+38.130

-L- PTSta.121+38.130

-L- POTSta.121+69.973

-L- PTSta.121+61.105

-L- PCCSta.121+24.722

-L- POC STA.121+20.000

-L- PCSta.120+71.201

-L- PTSta.120+32.467

-L- PCSta.120+15.371

-L- POTSta.120+00.000

-L- POTSta.119+38.130

-L- PTSta.118+38.130

-L- POTSta.118+69.973

-L- PTSta.118+61.105

-L- PCCSta.118+24.722

-L- POC STA.118+20.000

-L- PCSta.117+71.201

-L- PTSta.117+32.467

-L- PCSta.117+15.371

-L- POTSta.117+00.000

-L- POTSta.116+38.130

-L- PTSta.115+38.130

-L- POTSta.115+69.973

-L- PTSta.115+61.105

-L- PCCSta.115+24.722

-L- POC STA.115+20.000

-L- PCSta.114+71.201

-L- PTSta.114+32.467

-L- PCSta.114+15.371

-L- POTSta.114+00.000

-L- POTSta.113+38.130

-L- PTSta.112+38.130

-L- POTSta.112+69.973

-L- PTSta.112+61.105

-L- PCCSta.112+24.722

-L- POC STA.112+20.000

-L- PCSta.111+71.201

-L- PTSta.111+32.467

-L- PCSta.111+15.371

-L- POTSta.111+00.000

-L- POTSta.110+38.130

-L- PTSta.109+38.130

-L- POTSta.109+69.973

-L- PTSta.109+61.105

-L- PCCSta.109+24.722

-L- POC STA.109+20.000

-L- PCSta.108+71.201

-L- PTSta.108+32.467

-L- PCSta.108+15.371

-L- POTSta.108+00.000

-L- POTSta.107+38.130

-L- PTSta.106+38.130

-L- POTSta.106+69.973

-L- PTSta.106+61.105

-L- PCCSta.106+24.722

-L- POC STA.106+20.000

-L- PCSta.105+71.201

-L- PTSta.105+32.467

-L- PCSta.105+15.371

-L- POTSta.105+00.000

-L- POTSta.104+38.130

-L- PTSta.103+38.130

-L- POTSta.103+69.973

-L- PTSta.103+61.105

-L- PCCSta.103+24.722

-L- POC STA.103+20.000

-L- PCSta.102+71.201

-L- PTSta.102+32.467

-L- PCSta.102+15.371

-L- POTSta.102+00.000

-L- POTSta.101+38.130

-L- PTSta.100+38.130

-L- POTSta.100+69.973

-L- PTSta.100+61.105

-L- PCCSta.100+24.722

-L- POC STA.100+20.000

-L- PCSta.99+71.201

-L- PTSta.99+32.467

-L- PCSta.99+15.371

-L- POTSta.99+00.000

-L- POTSta.98+38.130

-L- PTSta.97+38.130

-L- POTSta.97+69.973

-L- PTSta.97+61.105

-L- PCCSta.97+24.722

-L- POC STA.97+20.000

-L- PCSta.96+71.201

-L- PTSta.96+32.467

-L- PCSta.96+15.371

-L- POTSta.96+00.000

-L- POTSta.95+38.130

-L- PTSta.94+38.130

-L- POTSta.94+69.973

-L- PTSta.94+61.105

-L- PCCSta.94+24.722

-L- POC STA.94+20.000

-L- PCSta.93+71.201

-L- PTSta.93+32.467

-L- PCSta.93+15.371

-L- POTSta.93+00.000

-L- POTSta.92+38.130

-L- PTSta.91+38.130

-L- POTSta.91+69.973

-L- PTSta.91+61.105

-L- PCCSta.91+24.722

-L- POC STA.91+20.000

-L- PCSta.90+71.201

-L- PTSta.90+32.467

-L- PCSta.90+15.371

-L- POTSta.90+00.000

-L- POTSta.89+38.130

-L- PTSta.88+38.130

-L- POTSta.88+69.973

-L- PTSta.88+61.105

-L- PCCSta.88+24.722

-L- POC STA.88+20.000

-L- PCSta.87+71.201

-L- PTSta.87+32.467

-L- PCSta.87+15.371

-L- POTSta.87+00.000

-L- POTSta.86+38.130

-L- PTSta.85+38.130

-L- POTSta.85+69.973

-L- PTSta.85+61.105

-L- PCCSta.85+24.722

-L- POC STA.85+20.000

-L- PCSta.84+71.201

-L- PTSta.84+32.467

-L- PCSta.84+15.371

-L- POTSta.84+00.000

-L- POTSta.83+38.130

-L- PTSta.82+38.130

-L- POTSta.82+69.973

-L- PTSta.82+61.105

-L- PCCSta.82+24.722

-L- POC STA.82+20.000

-L- PCSta.81+71.201

-L- PTSta.81+32.467

-L- PCSta.81+15.371

-L- POTSta.81+00.000

-L- POTSta.80+38.130

-L- PTSta.79+38.130

-L- POTSta.79+69.973

-L- PTSta.79+61.105

-L- PCCSta.79+24.722

-L- POC STA.79+20.000

-L- PCSta.78+71.201

-L- PTSta.78+32.467

-L- PCSta.78+15.371

-L- POTSta.78+00.000

-L- POTSta.77+38.130

-L- PTSta.76+38.130

-L- POTSta.76+69.973

-L- PTSta.76+61.105

-L- PCCSta.76+24.722

-L- POC STA.76+20.000

-L- PCSta.75+71.201

-L- PTSta.75+32.467

-L- PCSta.75+15.371

-L- POTSta.75+00.000

-L- POTSta.74+38.130

-L- PTSta.73+38.130

-L- POTSta.73+69.973

-L- PTSta.73+61.105

-L- PCCSta.73+24.722

-L- POC STA.73+20.000

-L- PCSta.72+71.201

-L- PTSta.72+32.467

-L- PCSta.72+15.371

-L- POTSta.72+00.000

-L- POTSta.71+38.130

-L- PTSta.70+38.130

-L- POTSta.70+69.973

-L- PTSta.70+61.105

-L- PCCSta.70+24.722

-L- POC STA.70+20.000

-L- PCSta.69+71.201

-L- PTSta.69+32.467

-L- PCSta.69+15.371

-L- POTSta.69+00.000

-L- POTSta.68+38.130

-L- PTSta.67+38.130

-L- POTSta.67+69.973

-L- PTSta.67+61.105

-L- PCCSta.67+24.722

-L- POC STA.67+20.000

-L- PCSta.66+71.201

-L- PTSta.66+32.467

-L- PCSta.66+15.371

-L- POTSta.66+00.000

-L- POTSta.65+38.130

-L- PTSta.64+38.130

-L- POTSta.64+69.973

-L- PTSta.64+61.105

-L- PCCSta.64+24.722

-L- POC STA.64+20.000

-L- PCSta.63+71.201

-L- PTSta.63+32.467

-L- PCSta.63+15.371

-L- POTSta.63+00.000

-L- POTSta.62+38.130

-L- PTSta.61+38.130

-L- POTSta.61+69.973

-L- PTSta.61+61.105

-L- PCCSta.61+24.722

-L- POC STA.61+20.000

-L- PCSta.60+71.201

-L- PTSta.60+32.467

-L- PCSta.60+15.371

-L- POTSta.60+00.000

-L- POTSta.59+38.130

-L- PTSta.58+38.130

-L- POTSta.58+69.973

-L- PTSta.58+61.105

-L- PCCSta.58+24.722

-L- POC STA.58+20.000

-L- PCSta.57+71.201

-L- PTSta.57+32.467

-L- PCSta.57+15.371

-L- POTSta.57+00.000

-L- POTSta.56+38.130

-L- PTSta.55+38.130

-L- POTSta.55+69.973

-L- PTSta.55+61.105

-L- PCCSta.55+24.722

-L- POC STA.55+20.000

-L- PCSta.54+71.201

-L- PTSta.54+32.467

-L- PCSta.54+15.371

-L- POTSta.54+00.000

-L- POTSta.53+38.130

-L- PTSta.52+38.130

-L- POTSta.52+69.973

-L- PTSta.52+61.105

-L- PCCSta.52+24.722

-L- POC STA.52+20.000

-L- PCSta.51+71.201

-L- PTSta.51+32.467

-L- PCSta.51+15.371

-L- POTSta.51+00.000

-L- POTSta.50+38.130

-L- PTSta.49+38.130

-L- POTSta.49+69.973

-L- PTSta.49+61.105

-L- PCCSta.49+24.722

-L- POC STA.49+20.000

-L- PCSta.48+71.201

-L- PTSta.48+32.467

-L- PCSta.48+15.371

-L- POTSta.48+00.000

-L- POTSta.47+38.130

-L- PTSta.46+38.130

-L- POTSta.46+69.973

-L- PTSta.46+61.105

-L- PCCSta.46+24.722

-L- POC STA.46+20.000

-L- PCSta.45+71.201

-L- PTSta.45+32.467

-L- PCSta.45+15.371

-L- POTSta.45+00.000

-L- POTSta.44+38.130

-L- PTSta.43+38.130

-L- POTSta.43+69.973

-L- PTSta.43+61.105

-L- PCCSta.43+24.722

-L- POC STA.43+20.000

-L- PCSta.42+71.201

-L- PTSta.42+32.467

-L- PCSta.42+15.371

-L- POTSta.42+00.000

-L- POTSta.41+38.130

-L- PTSta.40+38.130

-L- POTSta.40+69.973

-L- PTSta.40+61.105

-L- PCCSta.40+24.722

-L- POC STA.40+20.000

-L- PCSta.39+71.201

-L- PTSta.39+32.467

-L- PCSta.39+15.371

-L- POTSta.39+00.000

-L- POTSta.38+38.130

-L- PTSta.37+38.130

-L- POTSta.37+69.973

-L- PTSta.37+61.105

-L- PCCSta.37+24.722

-L- POC STA.37+20.000

-L- PCSta.36+71.201

-L- PTSta.36+32.467

-L- PCSta.36+15.371

-L- POTSta.36+00.000

-L- POTSta.35+38.130

-L- PTSta.34+38.130

-L- POTSta.34+69.973

-L- PTSta.34+61.105

-L- PCCSta.34+24.722

-L- POC STA.34+20.000

-L- PCSta.33+71.201

-L- PTSta.33+32.467

-L- PCSta.33+15.371

-L- POTSta.33+00.000

-L- POTSta.32+38.130

-L- PTSta.31+38.130

-L- POTSta.31+69.973

-L- PTSta.31+61.105

-L- PCCSta.31+24.722

-L- POC STA.31+20.000

-L- PCSta.30+71.201

-L- PTSta.30+32.467

-L- PCSta.30+15.371

-L- POTSta.30+00.000

-L- POTSta.29+38.130

-L- PTSta.28+38.130

-L- POTSta.28+69.973

-L- PTSta.28+61.105

-L- PCCSta.28+24.722

-L- POC STA.28+20.000

-L- PCSta.27+71.201

-L- PTSta.27+32.467

-L- PCSta.27+15.371

-L- POTSta.27+00.000

-L- POTSta.26+38.130

-L- PTSta.25+38.130

-L- POTSta.25+69.973

-L- PTSta.25+61.105

-L- PCCSta.25+24.722

-L- POC STA.25+20.000

-L- PCSta.24+71.201

-L- PTSta.24+32.467

-L- PCSta.24+15.371

-L- POTSta.24+00.000

-L- POTSta.23+38.130

-L- PTSta.22+38.130

-L- POTSta.22+69.973

-L- PTSta.22+61.105

-L- PCCSta.22+24.722

-L- POC STA.22+20.000

-L- PCSta.21+71.201

-L- PTSta.21+32.467

-L- PCSta.21+15.371

-L- POTSta.21+00.000

-L- POTSta.20+38.130

-L- PTSta.19+38.130

-L- POTSta.19+69.973

-L- PTSta.19+61.105

-L- PCCSta.19+24.722

-L- POC STA.19+20.000

-L- PCSta.18+71.201

-L- PTSta.18+32.467

-L- PCSta.18+15.371

-L- POTSta.18+00.000

-L- POTSta.17+38.130

-L- PTSta.16+38.130

-L- POTSta.16+69.973

-L- PTSta.16+61.105

-L- PCCSta.16+24.722

-L- POC STA.16+20.000

-L- PCSta.15+71.201

-L- PTSta.15+32.467

-L- PCSta.15+15.371

-L- POTSta.15+00.000

-L- POTSta.14+38.130

-L- PTSta.13+38.130

-L- POTSta.13+69.973

-L- PTSta.13+61.105

-L- PCCSta.13+24.722

-L- POC STA.13+20.000

-L- PCSta.12+71.201

-L- PTSta.12+32.467

-L- PCSta.12+15.371

-L- POTSta.12+00.000

-L- POTSta.11+38.130

-L- PTSta.10+38.130

-L- POTSta.10+69.973

-L- PTSta.10+61.105

-L- PCCSta.10+24.722

-L- POC STA.10+20.000

-L- PCSta.9+71.201

-L- PTSta.9+32.467

-L- PCSta.9+15.371

-L- POTSta.9+00.000

-L- POTSta.8+38.130

-L- PTSta.7+38.130

-L- POTSta.7+69.973

-L- PTSta.7+61.105

-L- PCCSta.7+24.722

-L- POC STA.7+20.000

-L- PCSta.6+71.201

-L- PTSta.6+32.467

-L- PCSta.6+15.371

-L- POTSta.6+00.000

-L- POTSta.5+38.130

-L- PTSta.4+38.130

-L- POTSta.4+69.973

-L- PTSta.4+61.105

-L- PCCSta.4+24.722

-L- POC STA.4+20.000

-L- PCSta.3+71.201

-L- PTSta.3+32.467

-L- PCSta.3+15.371

-L- POTSta.3+00.000

-L- POTSta.2+38.130

-L- PTSta.1+38.130

-L- POTSta.1+69.973

-L- PTSta.1+61.105

-L- PCCSta.1+24.722

-L- POC STA.1+20.000

-L- PCSta.0+71.201

-L- PTSta.0+32.467

-L- PCSta.0+15.371

-L- POTSta.0+00.000

ALAN K.&WIFE CHRISTI TUCKER
DB 555 PG 425

42.826
N43°20'39"E

ALAN KENT TUCKER
&WIFE CHRISTI H. TUCKER
DB 577 PG 754
DB 651PG 880

126

BL-84 PINC 211+10.348
-L- POT 212+33.691
OFF 19.365 LT

127

JAMES ED BURLESON & WIFE LULA BURLESON
DB 597 PG 463

128

CHRISTOPHER NEIL BURLESON
DB 823 PG 142

129

DONALD M. BOWERS
DB 223 PG 274

BL-85
BL-PINC 213+23.638 =
BY47-POT 6+33.452
-L- POT 214+46.338
OFF 2.787 LT

130

CLAUDE EUGENE HINSON
DB 633 PG 321

131

BARBARA PREVOST
DB 597 PG 463

117

DONNY LANE FESPERMAN
DB 299 PG 965
DB 353 PG 802
DB 489 PG 465

CLAUDE EUGENE HINSON
DB 244 PG 115

JOHNNY A. & WIFE CARRIE E. MCILWAINE
DB 393 PG 321

LARRY J. & WIFE KIMBERLY H. MCILWAINE
DB 579 PG 63

1327

NCDOT
DB 912 PG 303

920

GILBERT EDWARD HUNEYCUTT &
WIFE LINDA S. HUNEYCUTT
DB 225 PG 271

133

6 x 3 x 1
1.5 m weir

9 x 4 x 1
1.5 m weir

10 x 5 x 1
1.5 m weir

8 x 4 x 1

6 x 3 x 1

15 x 7 x 1
2.0 m weir

14 x 6 x 1
1.5 m weir

4 x 2 x 1

8 x 4 x 1

8 x 4 x 1

8 x 4 x 1

REMOVE SYSTEM

REMOVE

RETAIN

PLUG

TDE

TIE TO EXIST. R/W

SPECIAL CUT DITCH
SEE DETAIL T

SPECIAL LATERAL 'V' DITCH
SEE DETAIL K2

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

MEDIAN DITCH
SEE DETAIL "R"

SPECIAL CUT DITCH
SEE DETAIL Y

CLASS 'B' RIP RAP
EST. 2.7 MTONS
FILTER FABRIC
EST. 9.2 S.M.

CLASS 'B' RIP RAP
EST. 0.9 MTONS
FILTER FABRIC
EST. 4.2 S.M.

+33.000
30.480m (100.00ft)
35.052m (115.00ft)

+22.000
30.480m (100.00ft)
35.052m (115.00ft)

PSRM W/0.3m TUCK
ALL SIDES
EST. 44m²

FLATTEN FILL SLOPE TO
MAINTAIN 10m MINIMUM
DISTANCE BETWEEN
EP & PIPE END

55-18-55
2 OS

14.0
MEDIAN
OPENING

R=30.0

R=2.0

NO ASSOCIATED PIPING
FOUND FOR WMS IN
THIS GENERAL AREA.

0.272 CONC. RW TO RW

0.227 RW TO EIP

2.000 RW TO EIP

EXISTING 18.288 (60') RW

EXISTING 18.288 (60')RW

53.340m
ROW

130.0 FULL LANE

30.0 TAPER

MATCHLINE -L- STA. 212+20.000 SEE SHEET 20

MATCHLINE -L- STA. 215+60.000 SEE SHEET 22

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 43 FOR -L- PROFILE
SEE SHEET 56 FOR -Y47- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-55/CONST.22
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

TIE INTO EXISTING DITCH

-Y48-+20.000 9.144m(30.00ft) 11.278m(37.00ft) 12.192m(40.00ft)

-Y48-+30.000 9.144m(30.00ft)

5 x 3 x 1 1.5 m weir

SPECIAL CUT DITCH SEE DETAIL S

RETAIN

-Y48- POT STA.11+20.000 END CONSTRUCTION

KIM D. MORGAN DB 315 PG 536

136

-Y48-+30.000 9.144m(30.00ft)

-Y48-+20.000 9.144m(30.00ft) 11.278m(37.00ft) 12.192m(40.00ft)

SR 1288 / THOMPSON ROAD

310 -Y48- 500

105 200 205 300

-L=I- NC 24 / 27

12500 24800 12600 24900

ADT 2004 ADT 2030

-Y48-+00.000 15.240m (50.00ft)

-Y48-+00.000 11.278m (37.00ft)

6 x 3 x 1 1.5 m weir

CROSS-PIPE END MINIMUM 10m FROM -L-EP- FLATTEN FRONT DITCH SLOPE ACCORDINGLY

-Y48- +60.000 16.154m (53.00ft)

CLASS 'B' RIP RAP EST. 1.8 MTONS FILTER FABRIC EST. 5.9 S.M.

-Y48-+40.000 15.545m(51.00ft)

129

DONALD M. BOWERS DB 223 PG 274

BL-86-A

BL-PINC 215+37.211 = BY48-POT 5+74.351

-L- POT 216+59.486 OFF 16.303 LT

-L- TSSta.216+53.788

7 x 4 x 1 1.5 m weir

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

+35.000 22.86m (75.00ft)

+00.000 25.298m (83.00ft)

SPECIAL CUT DITCH SEE DETAIL S

+56.000 35.813m (117.50ft)

-Y48-+50.000 12.192m (40.00ft)

-Y48- PTSta.10+59.626

-Y48-+46.000 20.025m (65.70ft)

+17.788 30.480m (100.00ft)

-Y48- PCSta.10+19.494

240

55-18-55 2 OS

450

270

SPECIAL CUT DITCH SEE DETAIL S

RETAIN FROM DETOUR /DRAINAGE

243A

135

FRED L. MORGAN & WIFE VIRGINIA F. MORGAN DB 223 PG 278

-Y48-+80.000 18.000m (59.05ft)

BL-87 PINC 216+38.781

-L- POT 217+59.289 OFF 4.453 RT

USGS "WDI 52" BL-PINC 217+67.266 = BY49-POT 5+00.000

-L- POT 218+87.429 OFF 1.953 RT

BY48-1 POT 5+00.000 -Y48- POT 10+82.556 OFF 5.554 RT

9 x 5 x 1 1.5 m weir

11 x 5 x 1 1.5 m weir

NAD 83

-L- STSta.218+85.297

-L- POSSta.218+55.806 -Y49- POTSta.11+56.796

-L- CSSta.218+21.297

+21.297 30.480m (100.00ft)

+85.297 30.480m (100.00ft)

9 x 4 x 1

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

CHORD

FOR CONSTRUCTION SEQUENCING OF PIPE, SEE TRAFFIC CONTROL PLANS SHEET TCP-4, NOTE#00

SPECIAL MEDIAN DITCH SEE DETAIL O2

MATCHLINE -L- STA. 215+60.000 SEE SHEET 21

MATCHLINE -L- STA. 219+00.000 SEE SHEET 23

53.340m ROW

238

239A

REMOVE

241A

PLUG

241

242

239

375

CLASS 'B' RIP RAP EST. 4.5 MTONS FILTER FABRIC EST. 11.7 S.M.

CHORD

LATERAL 'V' DITCH EST. DDE = 198 M3 SEE DETAIL M2

SPECIAL CUT DITCH SEE DETAIL Y

8 x 4 x 1

+53.788 30.480m (100.00ft)

TAIL 'V' DITCH EST. DDE =53 M3 SEE DETAIL L2

+82.000 30.171m (98.99ft) 39.014m (128.00ft)

+79.000 30.191m (99.05ft) 48.158m (158.00ft)

+99.000 30.170m (98.98ft) 34.442m (113.00ft) 48.158m (158.00ft)

+91.000 30.144m (98.90ft) 39.014m (128.00ft)

TIE INTO EXISTING DITCH

TDE

PDE

ISBKD

-L- POTSta.216+80.736 -Y48- POTSta.10+00.000

133

GILBERT EDWARD HUNEYCUT & WIFE LINDA S. HUNEYCUTT DB 225 PG 271

7 x 3 x 1 1.5 m weir

-L- SCSta.217+17.788

+17.788 30.480m (100.00ft)

9 x 4 x 1

134

RAPHU A. SPEIGHTS DB 224 PG 223

9 x 4 x 1 1.5 m weir

16 x 8 x 1 2.0 m weir

NC 24 / 27 12600 24900 105 200 210 400

L NC 24 / 27 12700 25100

ADT 2004 ADT 2030 315 600 -Y49-

SR 1964 / WYATT ROAD

244A

244

245

-Y49- PTSta.11+42.128

+21.297 30.480m (100.00ft)

55-18-55 2.0 OS

+26.061 38.100m (125.00ft)

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 14.2 S.M.

+96.500 30.480m (100.00ft) 37.490m (123.00ft) 43.890m (144.00ft)

+06.500 30.480m (100.00ft) 37.490m (123.00ft) 43.890m (144.00ft)

-Y49-+00.000 16.764m (55.00ft)

-Y49-+80.000 20.117m (66.00ft)

-Y49- PCSta.10+71.144

-Y49-+70.000 19.202m (63.00ft)

-Y49-+60.000 20.117m (66.00ft)

HDWL

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

-Y49-+42.000 13.716m (45.00ft)

-Y49-+40.000 17.069m (55.77ft)

-Y49-+20.000 9.144m(30.00ft) 13.716m(45.00ft)

11 x 5 x 1 1.5 m weir

BEGIN CONSTRUCTION -Y49- POT STA.10+20.000

8 x 4 x 1 1.5 m weir

REMOVE

-Y49-+20.000 9.144m(30.00ft) 13.716m(45.00ft)

-Y49-+45.000 13.716m (45.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL N2

-Y49-+66.000 23.470m (77.00ft) 27.127m (89.00ft)

GRADE TO DRAIN

+92.668 22.860m (75.00ft)

+86.812 29.566m (97.00ft)

TIE EXISTING DITCH -Y49-+18.000 22.329m (73.26ft)

-Y49-+15.000 20.552m (67.43ft)

-Y49-+00.000 25.908m (85.00ft)

-Y49-+00.000 32.918m (108.00ft)

SPECIAL LATERAL 'V' DITCH SEE DETAIL N2

-Y49-+73.000 22.990m (75.43ft) 27.127m (89.00ft)

CLASS 'I' RIP RAP EST. 9.1 MTONS FILTER FABRIC EST. 19.2 S.M.

8 x 4 x 1 1.5 m weir

138

TOLA I. EFIRD & WIFE DAISY LEE EFIRD DB 125 PG 12 DB 70 PG 227

7 x 3 x 1 1.5 m weir

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 43 AND 44 FOR -L- PROFILE
SEE SHEET 57 FOR -Y48- PROFILE
SEE SHEET 57 FOR -Y49- PROFILE
SEE SHEET 22A FOR DETOUR

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-56/CONST.23
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

MATCHLINE –L– STA. 219+00.000 SEE SHEET 22

MATCHLINE –L– STA. 222+50.000 SEE SHEET 24

135

FRED L. MORGAN & WIFE VIRGINIA F. MORGAN
DB 223 PG 278

137

JASON E. THOMPSON & REBA M. THOMPSON
DB 594 PG 110

140

WENDELL DEAN BOWERS & WIFE ROBIN SMITH BOWERS
DB 527 PG 939

141

MARVIN T. BOWERS & WIFE PAULINE L. BOWERS
DB 390 PG 831

142

MARVIN T. BOWERS & WIFE PAULINE L. BOWERS
DB 164 PG 311

138

TOLA I. EFIRD & WIFE DAISY LEE EFIRD
DB 125 PG 12
DB 70 PG 227

139

J. RAYMOND EFIRD & WIFE BERTIE T. EFIRD
DB 162 PG 302
DB 609 PG 841

146

PINE GROVE METHODIST CHURCH
DB 501 PG 80
DB 149 PG 14
DB 174 PG 123
DB 121 PG 32

147

KING CAROL BURLESON & WIFE BILLIE E. BURLESON
DB 369 PG 367

HOWARD K. SMITH & WIFE VERA M. SMITH
DB 261 PG 576

MURIEL S. BURLESON & WIFE TAMMIE S. BURLESON
DB 504 PG 713

9 x 4 x 1
1.5 m weir

12 x 5 x 1
1.5 m weir

10 x 4 x 1
1.5 m weir

9 x 5 x 1
1.5 m weir

7 x 3 x 1

8 x 4 x 1
1.5 m weir

SPECIAL LATERAL 'V' DITCH SEE DETAIL P2

SPECIAL CUT DITCH SEE DETAIL Q2

SPECIAL MEDIAN DITCH SEE DETAIL O2

COLLAR & EXTEND

-L- N 41° 35' 21.9" E

N 46° 49' 20.8" E

53.340m ROW

150.0 FULL TANF

300 TAPER

CLASS 'B' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 5.9 S.M.

+44.000 22.860m (75.00ft)
+44.000 37.490m (123.00ft)
+44.000 38.405m (126.00ft)
+20.000 37.490m (123.00ft)
+54.000 32.614m (107.00ft)
+54.000 22.860m (75.00ft)
+54.000 38.405m (126.00ft)
+90.000 26.822m (88.00ft)
+00.000 29.261m (96.00ft)

BL-89 PINC 219+58.722
-L- POT 220+78.086 OFF 19.423 RT

NO ASSOCIATED PIPING FOUND FOR THIS WM.

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA

EXISTING 18.288 (60') RW

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 44 FOR -L- PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-57/CONST.24
CONST.REV.	R /W SHEET NO.	
R /W REV. _____	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83

MATCHLINE –L– STA. 222+50.000 SEE SHEET 23

MATCHLINE –L– STA. 226+00.000 SEE SHEET 25

9 x 5 x 1
1.5 m weir

10 x 5 x 1

8 x 4 x 1

9 x 4 x 1

11 x 5 x 1

10 x 5 x 1

11 x 6 x 1
1.5 m weir

12 x 6 x 1
2.5 m weir

7 x 4 x 1

143 BOWERS FARMS, INC. DB 338 PG 834

144 KATHLEEN EFIRD DB 162 PG 194

145 J. BRICE BURLESON & WIFE BETTY R. BURLESON, JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON, DB 515 PG 517

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON DB 683 PG 102

NCDOT 904 ISBKD

147 KING CAROL BURLESON & WIFE BILLIE E. BURLESON DB 369 PG 367

147A HOWARD K. SMITH & WIFE VERA M. SMITH DB 261 PG 576

148 EARL THOMAS CHRISTENBURY, JR. NANCY CHRISTENBURY HIGDON JUDY CHRISTENBURY COTTER DB 639 PG 838

149 BOBBY JOE EUDY & WIFE NANCY L. EUDY DB 217 PG 101

150 F.L. MORGAN & WIFE VIRGINIA L. MORGAN DB 218 PG 150

151 EARL D. TAYLOR WIFE FAYE R. TAYLOR DB 382 PG 821

152 DANNY E. FEATHERSTONE DB 352 PG 132

153 MAX D. THOMPSON & WIFE ANNA A. THOMPSON DB 220 PG 339

MURIEL S. BURLESON & WIFE TAMMIE S. BURLESON DB 504 PG 713

BL-90 PINC 223+92.850 -L- POT 225+11.905 OFF 3.049 RT

PROPOSED GUARDRAIL

REMOVE EXISTING GUARDRAIL

RETAIN

SPECIAL MED. DITCH SEE DETAIL R2

SPECIAL LATERAL 'V' DITCH SEE DETAIL P2

SPECIAL CUT DITCH SEE DETAIL T2

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

CLASS 'I' RIP RAP EST. 13.6 MTONS FILTER FABRIC EST. 25.1 S.M.

0.6m BASE TAIL DITCH W/PSRM EST. DDE = 25.5 M3 SEE DETAIL S2

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 44 AND 45 FOR –L– PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-58/CONST.25
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

SR 1258 / NEWT ROAD
630 -Y50- 1200
215 / 500
415 / 700
-L-L-
NC 24 / 27 12700 25100
NC 24 / 27 12900 25300
ADT 2004
ADT 2030

NAD 83

MATCHLINE -L- STA. 226+00.000 SEE SHEET 24

MATCHLINE -L- STA. 229+40.000 SEE SHEET 26

8 x 4 x 1
2.0 m weir
+19.649 (EXIST R/W)
30.480m (100.00ft)

10 x 4 x 1
1.5 m weir

12 x 6 x 1
1.5 m weir

9 x 5 x 1
1.5 m weir

12 x 5 x 1
1.5 m weir

14 x 7 x 1
2.0 m weir

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 683 PG 102
158

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 683 PG 102

JOHNNY PAUL BURLESON & WIFE CAROL W. BURLESON
DB 571 PG 195
DB 515 PG 366
158A

JEFFREY N. BURLESON
DB 579 PG 520
159

COUNTY OF STANLY
DB 381 PG 392
160

BOBBY RAY GREENE & WIFE BECKY COTTON GREENE
DB 717 PG 054
161

NCDOT
904

-L- POS Sta.228+00.983
-Y50- POT Sta.10+00.000

-Y50- PCSta.10+58.329

-L- TSSta.227+63.952

-L- SCSta.228+27.952

BL-91
BL-PINC 226+84.201 =
BY50-POT 6+30.318
-L- POT 228+03.194 OFF 18.805 RT

BY50-POT 5+00.000
-Y50- POT 11+11.908
OFF 24.072 RT

-Y50- +25.000 8.952m(29.37ft)
-Y50- +20.000 12.192m(40.00ft)
-Y50- +00.000 8.816m(28.924ft) 12.192(40.00ft)
-Y50- +78.000 12.192m (40.00ft)
-Y50- +40.000 18.898m (62.00ft)
-Y50- +48.000 20.117m (66.00ft)
-Y50- +25.000 9.339m(30.64ft)
-Y50- +20.000 13.106m(43.00ft)
-Y50- +00.000 9.472m(31.08ft) 12.192m(40.00ft)
-Y50- +82.000 12.192m (40.00ft)
-Y50- +80.000 15.240m (50.00ft)

+22.000 30.480m (100.00ft) 49.378m (162.00ft)
+29.000 49.378m (162.00ft)
+35.000 30.480m (100.00ft) 39.624m (130.00ft)
+45.000 30.480m (100.00ft) 39.624m (130.00ft)
+78.000 30.480m (100.00ft)
+39.000 30.480m (100.00ft)
+60.000 30.480m (100.00ft)
+80.000 38.758m (127.16ft)

HEAD 'V' DITCH
EST. DDE = 46 M3
SEE DETAIL U2

SPECIAL LATERAL 'V' DITCH
SEE DETAIL W

SPECIAL CUT DITCH
SEE DETAIL W2

SPECIAL CUT DITCH W/PSRM
SEE DETAIL X2

SPECIAL CUT DITCH W/PSRM
SEE DETAIL V2

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

SPECIAL 'V' DITCH
SEE DETAIL M

SPECIAL LATERAL 'V' DITCH
SEE DETAIL W

RETAIN SYSTEMS

LATERAL 'V' DITCH
EST. DDE = 337 M3
SEE DETAIL Y2

PROPOSED GUARDRAIL

REMOVE EXISTING GUARDRAIL

CLASS 'I' RIP RAP
EST. 19.1 MTONS
FILTER FABRIC
EST. 39.3 S.M.

CLASS 'I' RIP RAP
EST. N.8 MTONS
FILTER FABRIC
EST. 23.1 S.M.

CLASS 'B' RIP RAP
EST. 0.9 MTONS
FILTER FABRIC
EST. 4.2 S.M.

SPECIAL CUT DITCH
SEE DETAIL Z2

+08.981 32.004m (105.00ft)
+40.000 37.795m (124.00ft)
+61.000 38.760m(127.17ft) 41.148m(135.00ft)
+65.000 39.014m (128.00ft)
+68.000 38.314m(125.70ft) 41.148m(135.00ft)
+12.000 28.043m (92.00ft)
+85.00 31.380m (102.95ft)
+05.00 37.000m (121.39ft)
+63.952 28.043m (92.00ft)
+04.000 34.138m (112.00ft)
+20.00 31.775m (104.25ft)
+27.952 28.042m (92.00ft) 30.480m (100.00ft)
+32.000 30.480m (100.00ft) 35.357m (116.00ft)
+42.000 30.480m (100.00ft) 35.357m (116.00ft)
+60.000 39.014m (128.00ft)
+75.000 33.528m (110.00ft)
+80.000 35.357m (116.00ft)
+00.000 32.918m (108.00ft)
+11.000 30.480m (100.00ft)
+55.000 34.138m (112.00ft)
-Y50- +44.500 25.699m (84.31ft)
-Y50- +45.000 22.860m (75.00ft)

55-18-55 2 OS

9 x 4 x 1
BETTY B. AUSTIN
DB 312 PG 948
155

MAX D. THOMPSON & WIFE ANNA A. THOMPSON
DB 247 PG 609
154

RODGER DALE JONES
DB 330 PG 157
156

LINDA HENRY & SHARON SHAVER
DB 294 PG 289
157

STANLEY COUNTY NEWSPAPERS, INC.
DB 388 PG 441
168

13 x 6 x 1
2.0 m weir

9 x 4 x 1
1.5 m weir

7 x 3 x 1
1.5 m weir

4 x 2 x 1

8 x 4 x 1

8 x 4 x 1

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 45 FOR -L- PROFILE
SEE SHEET 58 FOR -Y50- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-59/CONST.26
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

CARL RAY CULP
DB 213 PG 259
162

CARL RAY CULP
DB 104 PG 237
163

ELSIE M. BURLESON
DB 111 PG 12
DB 128 PG 68
DB 102 PG 140
DB 102 PG 137
164

MARVIN A. BROOKS & WIFE
ANNETTE
S. BROOKS
DB 354 PG 372
165

LARRY WAYNE
HARWOOD
& WIFE JILL
C. HARWOOD
DB 255 PG 264
166

BOBBY RAY GREENE
& WIFE BECKY
COTTON GREENE
DB 717 PG 054
161

BL-92 PINC 228+71.020
-L- POT 229+86.482 OFF 19.936 LT

MATCHLINE -L- STA. 229+40.000 SEE SHEET 25

MATCHLINE -L- STA. 232+80.000 SEE SHEET 27

8 x 4 x 1

+72.521
30.480m
(100.00ft)

LATERAL 'V' DITCH
EST. DDE = SEE SHEET 25
SEE DETAIL Y2

+36.521
30.480m
(100.00ft)

+00.000
22.860m(75.00ft)
25.298m(83.00ft)
30.480m(100.00ft)

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

NO ASSOCIATED PIPING
FOUND FOR WMs IN
THIS GENERAL AREA.

9 x 5 x 1

11 x 4 x 1

+80.000
28.651m(94.00ft)

10 x 5 x 1
2.0 m weir

8 x 4 x 1

+69.000
28.043m(92.00ft)

SPECIAL CUT DITCH
SEE DETAIL Y

+25.000
25.298m(83.00ft)

SPECIAL CUT DITCH
SEE DETAIL P

CHORD

GRAD-350

REMOVE

REMOVE SYSTEM

-L- CSSta.229+72.521

-L- STSta.230+36.521

8 x 4 x 1

12 x 5 x 1

10 x 5 x 1

+92.000
30.480m
(100.00ft)

+00.000
37.490m
(123.00ft)

+50.446
(EXIST. R/W)
30.480m
(100.00ft)

SPECIAL CUT DITCH
SEE DETAIL Z2

30.0 TAPER

EXISTING R/W

STANLEY COUNTY NEWSPAPERS, INC.
DB 388 PG 441
168

ELVIE THOMPSON CULP
DB 201 PG 98
169

RANDY C. & WIFE
BRENDA G. COLE
DB 372 PG 436
170

WILLIAM H.
GARLAND &
WIFE MONICA
GARLAND
DB 297 PG 3
171

DWIGHT K. EFIRD &
WIFE RUTH C. EFIRD
DB 366 PG 872

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 45 AND 46 FOR -L- PROFILE
SEE SHEET 26A FOR DETOUR

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-60/CONST.27
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

TOM THUMB ROAD
310 -Y51-
500
105 200
205 300
NC 21 / 27
12900
25300
-L-
NC 24 / 27
13000
25400
ADT 2001
ADT 2030

NAD 83

LEITA GAY LOVE
DB 330 PG 839

BILLY JOE MURRAY
DB 345 PG 835

EARLENE M. NANNIE
DB 298 PG 67

-Y51- POT Sta. 11+11.492

RETAIN

BY51-1POT 5+00.000
-Y51- POT 11+07.906
OFF 3.412 RT

MORTON RD

PAUL J. SMITH
DB 341 PG 530

-Y51- +05.000
9.144m(30.00ft)

END CONSTRUCTION
-Y51- POT STA. 11+00.000

DONNIE D. HATLEY
DB 535 PG 927

CLARENCE D. HINSON & WIFE ETHEL B. HINSON
DB 126 PG 288

-Y51- +90.000
9.144m(30.00ft)
12.802m(42.00ft)

BL-93
BL-PINC 232+08.459 =
BY51-POT 6+08.360
-L- POT 233+22.799
OFF 1.426 LT

GRADE TO DRAIN

SPECIAL CUT DITCH W/PSRM SEE DETAIL A3

-Y51- +45.000
12.802m (42.00ft)

-Y51- +36.607
18.676m (61.273ft)

+13.738
28.042m
(92.00ft)

+10.000
22.860m
(75.00ft)

-Y51- +80.000
17.069m(56.00ft)

LINE CUT DITCH W/PSRM SEE DETAIL B3

BOBBY RAY MCLESTER & WIFE ALLENE M. MCLESTER
DB 534 PG 850

-L- TS Sta. 233+52.606

-Y51- +40.000
12.802m (42.00ft)

-Y51- +38.000
22.250m (73.00ft)

+65.000
30.480m
(100.00ft)

+65.000
22.860m
(75.00ft)

-L- SCS Sta. 234+16.606

12 x 5 x 1
2.0 m weir

CLARENCE CROWELL & WIFE DORIS CROWELL
DB 285 PG 897

-L- ST Sta. 235+78.268

11 x 4 x 1

CLASS 'B' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

-L- CS Sta. 235+14.268

16 x 8 x 1
3.0 m weir

+14.268
30.480m
(100.00ft)

+23.364
30.480m
(100.00ft)

REMOVE EXISTING GUARDRAIL

SPECIAL LATERAL 'V' DITCH SEE DETAIL C3

+24.503
22.860m
(75.00ft)

PROPOSED GUARDRAIL
TIE TO EX. DITCH

RAYMOND S. BURLESON & WIFE BEULAH B. BURLESON
DB 370 PG 673
DB 285 PG 900
DB 174 PG 617
DB 131PG 434

CLARENCE CROWELL & WIFE DORIS CROWELL
DB 366 PG 130
DB 166 PG 472

10 x 5 x 1

+78.267
30.480m
(100.00ft)

REMOVE SYSTEM

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

CHORD

N 38° 21' 00.1" E

7 x 3 x 1

SEE SHEET 26

MATCHLINE -L- STA. 232+80.000 SEE SHEET 27

MATCHLINE -L- STA. 236+20.000 SEE SHEET 28

REMOVE

PLUG R= 30.0

R= 2.0

R=30.0

16.0 MEDIAN OPENING

GRADE TO DRAIN

REMOVE SYSTEM

GRAU 350

PROPOSED GUARDRAIL

SPECIAL MED. DITCH SEE DETAIL "R2"

RETAIN & EXTEND 2@2.4mx1.8m RCBC

TOE PROTECTION SEE DETAIL E3

REMOVE EXISTING 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

60.960m ROW

CITY OF ALBEMARLE
DB 376 PG 854

-L- POT Sta. 233+38.257
-Y51- POT Sta. 10+00.000

PROPOSED PUMP STATION SEE UTILITY PLANS

+38.000
35.052m
(115.00ft)

+52.606
30.480m (100.00ft) &
33.500m (109.908ft)

9 x 4 x 1

+05.000
30.000m (98.43ft),
33.500m (109.908ft) &
56.500m (185.37ft)

MALCOLM F. PALMER HEIRS
DB 124 PG 581

+27.000
56.500m
(185.37ft)

+28.000
30.480m
(100.00ft)

+50.000
30.480m
(100.00ft)
35.357m
(116.00ft)

+48.000
30.480m (100.00ft) &
46.939m (154.00ft)

13 x 6 x 1
1.5 m weir

+63.000
56.083m
(184.00ft)

11 x 5 x 1
1.5 m weir

CHANNEL CLEANOUT SEE DETAIL D3

CL. I RIP RAP
EST. 32 TONS
EST. 49 m² FILTER FABRIC

+78.000
30.480m
(100.00ft)

+66.000
30.480m
(100.00ft)
35.357m
(116.00ft)

+80.527
30.480m
(100.00ft)

+00.000
33.500m
(109.91ft)

BAXTER R. HOWELL & WIFE GLADYS HILL HOWELL
DB 165 PG 216
DB 366 PG 874

8 x 4 x 1

+48.000
34.138m
(112.00ft)

9 x 4 x 1

+78.268
30.480m
(100.00ft)

+14.268
30.480m
(100.00ft)

BL-94 PINC 233+87.263
-L- POT 1235+03.416 OFF 4.314 LT

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

MALCOLM F. PALMER HEIRS
DB BK 124 PG 581

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 46 FOR -L- PROFILE
SEE SHEET 58 FOR -Y51- PROFILE

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-61/CONST.28
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5 0 10

CONST.REV.

R /W REV.

NAD 83

MATCHLINE -L- STA. 236+20.000 SEE SHEET 27

MATCHLINE -LTRANS RT- STA. 239+60.000 SEE SHEET 29

MICHAEL A.WILLIAMS &WIFE LISA H. WILLIAMS DB 658 PG 59 (182)

IRVIN V. DEGGELLER & WIFE EVELYN DEGGELLER DB 357 PG 604 (183)

RAYMOND BURLESON & WIFE BEULAH MAE BURLESON DB 285 PG 900 DB 370 PG 673 (184)

WAYNE B. KING & TAMMY L. KING DB 618 PG 49

STEVEN R. BOWERS DB 504 PG 889 (186)

TERI KING PADEN DB 504 PG 16

CLAUDINE B. HINSON DB 523 PG 128 (187)

BETTY A. KING & ROBERT L. KING DB 578 PG 873 (185)

RAYMOND S.BURLESON & WIFE BEULAH B. BURLESON DB 370 PG 673 DB 285 PG 900 DB 174 PG 617 DB 131PG 434 (181)

MALCOLM F. PALMER HEIRS DB BK 124 PG 581 (174)

10 x 5 x 1 1.5 m weir

11 x 4 x 1

14 x 7 x 1 2.0 m weir

9 x 4 x 1

7 x 4 x 1

12 x 6 x 1 1.5 m weir

14 x 6 x 1 1.5 m weir

10 x 4 x 1

-L- POT Sta.238+50.000

-LTRAN LT- POT Sta.238+50.000 OFF -10.6

-LTRAN RT- POT Sta.238+50.000 OFF 10.6

-LTRAN LT- STA 238+92.370 19.880m (65.22ft)

-LTRAN LT- STA 238+92.930 12.800m (42.00ft)

-L- STA 238+50.000 30.480m (100.00ft)

-LTRAN LT- STA 238+92.544 17.678m (58.00ft)

-LTRAN LT- STA 238+92.930 12.800m (42.00ft)

-LTRAN LT- STA 239+50.000 21.031m (69.00ft)

-LTRAN LT- STA 239+20.000 17.374m (57.00ft)

-LTRAN LT- N 38° 21' 00.1" E

-LTRAN RT- N 38° 21' 00.1" E

-LTRAN RT- STA. 239+44.000 19.880m (65.22ft) 27.127m (89.00ft)

-LTRAN RT- STA. 239+13.000 19.880m (65.22ft) 27.127m (89.00ft)

-L- STA 238+50.000 30.480m (100.00ft) -LTRAN RT- STA 238+50.000 19.880m (65.22ft)

+38.000 34.138m (112.00ft)

+70.000 30.480m (100.00ft)

+08.000 30.480m (100.00ft)

+19.000 38.710m (127.00ft)

+40.000 40.538m (133.00ft)

60.960m ROW

RETAIN

TIE EX. DITCH

SPECIAL LATERAL 'V' DITCH SEE DETAIL M

SPECIAL LATERAL 'V' DITCH W/PSRM SEE DETAIL V1

GRADE TO DRAIN

TIE TO EXISTING SWALE

REMOVE SYSTEM

SPECIAL CUT DITCH SEE DETAIL W2

SPECIAL MEDIAN DITCH SEE DETAIL F3

REMOVE EXISTING 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

CLASS 'I' RIP RAP EST. 6.4 MTONS FILTER FABRIC EST. 14.2 S.M.

NCGS "GARDEN" PINC 236+84.654 -L- POT 238+01.144 OFF 18.243 LT

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 46 AND 47 FOR -L- PROFILE
SEE SHEET 48 FOR -LTRANLT- PROFILE
SEE SHEET 50 FOR -LTRANRT- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-62/CONST.29
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 5 0 10

CONST.REV. _____

R /W REV.

END CONSTRUCTION
-Y52- POT STA.11+30.000

-Y52- PTSta.10+85.286

-Y52- PCSta.10+12.163

BL-96
BL-PINC 240+44.021= BY52-PINC 7+07.234
-LTRANRT- POC 241+56.516 OFF 23.075 LT

-LTRAN LT- TSSta.239+74.533

-LTRAN LT- SCSta.240+46.533

-LTRAN LT- POCSta.241+55.664
-Y52- POTSta.10+00.000

-LTRAN RT- TSSta.239+70.901

-LTRAN RT- SCSta.240+42.901

MATCHLINE -LTRANS RT- STA. 239+60.000 SEE SHEET 28

MATCHLINE -LTRANS RT- STA. 243+00.000 SEE SHEET 30

NAD 83

ROSS ALEXANDER HUNEYCUTT
DB 613 PG 269

JOHN E. EUDY & WIFE DEBBIE H. EUDY
DB 504 PG 74

DOUGLAS E. LEVY & WIFE JANET LEVY
DB 313 PG 602

TERI KING PADEN
DB 504 PG 16

WILLIAM L. FAULKNER & WIFE CAROLYN S. FAULKNER
DB 263 PG 900

FRANK E. HATLEY & WIFE WILMA W. HATLEY
DB 164 PG 265

DAVID J. HATLEY & WIFE JEANETTE HATLEY
DB 225 PG 328

MAX M. HINSON & WIFE CLAUDINE B. HINSON
DB 167 PG 175

CLAUDINE B. HINSON
DB 523 PG 128

HUBERT L. ALMOND & WIFE HELEN G. ALMOND
DB 176 PG 31

SOUTH CENTRAL OIL CO., INC.
DB 340 PG 978

AUBREY H. EFIRD CO., INC.
DB 257 PG 994

AUBREY H. EFIRD CO., INC.
DB 258 PG 91

DOUGLAS D. STOKES
DB 375 PG 494
DB 206 PG 509

GEORGE T. WINECOFF
DB 488 PG 61
DB 210 PG 90

MALCOLM F. PALMER HEIRS
DB BK 124 PG 581

BOY SCOUTS OF AMERICA
CENTRAL N.C. COUNCIL, INC
DB 691 PG 950

BOY SCOUTS OF AMERICA
CENTRAL N.C. COUNCIL, INC
DB 241 PG 58

HARVEY W. GOUCH & WIFE LOUISE G. GOUCH
DB 334 PG 524

MAGGIE LOWDER
DB 93 PG 221

SR 1249 / CANTON ROAD
-Y52-
3400 6400
1000 1800 2400 4600
NC 24 / 27 13000 25400
-L-
NC 24 / 27 14500 28200
ADT 2004
ADT 2030

10x 5 x 1 1.5 m weir

14 x 6 x 1 2.5 m weir

9 x 4 x 1

8 x 4 x 1

10 x 4 x 1

5 x 3 x 1

12 x 6 x 1 1.5 m weir

12 x 6 x 1 1.5 m weir

16 x 8 x 1 1.5 m weir

8 x 4 x 1

19 x 9 x 1 2.5 m weir

CLASS 'I' RIP RAP
EST. 3.6 MTONS
FILTER FABRIC
EST. 10.0 S.M.

CLASS 'I' RIP RAP
EST. 4.5 MTONS
FILTER FABRIC
EST. 11.7 S.M.

CLASS 'I' RIP RAP
EST. 2.7 MTONS
FILTER FABRIC
EST. 5.9 S.M.

CLASS 'I' RIP RAP
EST. 36.3 MTONS
FILTER FABRIC
EST. 62.1 S.M.

0.6m BASE LATERAL DITCH
EST. DDE = 12 M3
SEE DETAIL H3

1.2m BASE SPECIAL LATERAL DITCH
W/PSRM
SEE DETAIL J3

0.9m BASE SPECIAL LATERAL DITCH
SEE DETAIL L3

SPECIAL CUT DITCH
SEE DETAIL G3

SPECIAL CUT DITCH
SEE DETAIL K3

SPECIAL MEDIAN DITCH SEE DETAIL R2

RETAIN SYSTEM
NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA.

REMOVE EXISTING 1200 mm WD RAIL & ISELEC FENCE

PROPOSED 1200 mm WD RAIL & ISELEC FENCE

CONVERT TO JB W/MHC

COLLAR W/5° BEND

COLLAR

COLLAR & EXTEND

REM. OTCB & 2m ± 600mm CONC

REM. HDWL

HDWL

16.0 MEDIAN OPENING

GRADE TO DRAIN

NO ASSOCIATED PIPING FOUND FOR THIS WM.

NO ASSOCIATED PIPING FOUND FOR WMs IN THIS GENERAL AREA.

-LTRAN LT- STA 239+95.000
21.031m (69.00ft)

-LTRAN LT- STA 240+80.000
17.069m (56.00ft)

-LTRAN LT- STA 241+21.676
16.368m (53.70ft)

-LTRAN RT- STA 239+74.533
12.800m (42.00ft)

-LTRAN RT- STA 240+46.533
12.800m (42.00ft)

-LTRAN RT- STA 240+70.901
19.880m (65.22ft)

-LTRAN RT- STA 240+42.901
19.880m (65.22ft)

-LTRAN RT- STA 242+00.000
19.880m (65.22ft)

-LTRAN RT- STA 242+40.000
19.880m (65.22ft)

-LTRAN RT- STA 242+34.000
27.432m (90.00ft)

-LTRAN RT- STA 242+80.000
19.880m (65.22ft)

-Y52- +00.000
12.192m(40.00ft)
14.630m(48.00ft)

-Y52- +18.081
12.192m (40.00ft)

-Y52- +19.640
14.630m(48.00ft)

-Y52- +35.000
9.015m(29.58ft)
12.192m(40.00ft)

-Y52- +20.000
16.154m(53.00ft)

-Y52- +05.000
12.192m (40.00ft)

-Y52- +00.000
17.983m(59.00ft)

-Y52- +85.286
14.326m (47.00ft)

-Y52- +85.286
12.192m (40.00ft)

-Y52- +85.286
21.336m(70.00ft)

-Y52- +80.000
17.983m(59.00ft)

-Y52- +60.000
17.983m(59.00ft)

-Y52- +73.000
14.039m(46.20ft)
21.336m(70.00ft)

-Y52- +38.000
12.192m(40.00ft)

-Y52- +31.938
20.726m(68.00ft)

-Y52- +50.000
17.069m
(56.00ft)

-Y52- +44.975
18.288m(60.00ft)

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 48 FOR -LTRANLT- PROFILE
SEE SHEET 50 FOR -LTRANRT- PROFILE
SEE SHEET 59 FOR -Y52- PROFILE
: PAVEMENT REMOVAL

NEW SIGNAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-63/CONST.30
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

MAD 83

MATCHLINE -LTRANS RT- 243+00.000 SEE SHEET 29

MATCHLINE -LTRANS RT- STA. 246+00.000 SEE SHEET 31

GEORGE T. WINECOFF
DB 488 PG 61
DB 210 PG 90

STANLEY COMMUNITY COLLEGE FOUNDATION, INC.
DB 533 PG 522
198

STANLEY COMMUNITY COLLEGEFOUNDATION INC.
DB 275 PG 945
DB 296 PG 841
199

STANLEY COMMUNITY COLLEGE FOUNDATION, INC.
DB 275 PG 945
DB 296 PG 841

JAMES R. BOGLE & WIFE LINDA JO BOGLE
DB 948 PG 930
201

JULIA P. CARPENTER
WB 02 PG 221
DB 95 PG 145
203

JAMES F. BOGLE
DB 210 PG 353
202

JEHU F. AND WIFE MAGGIE A.HILL
DB 223 PG 77
200

JEHU F.HILL AND WIFE MAGGIE A.HILL
DB 198 PG 33

HARVEY W. GOUCH & WIFE LOUISE G. GOUCH
DB 334 PG 524
197

SAMUEL G. GRIFFIN, DBA ALBEMARLE ANIMAL CLINIC & WIFE KATHRYN P. GRIFFIN
DB 368 PG 190

CITY OF ALBEMARLE (APPROX. LIMITS)

-LTRAN LT- POC Sta.243+80.983
-Y53- POT Sta.10+00.000

-Y53- POT Sta.11+46.137

-Y53- POT Sta.13+00.000

POT Sta.13+10.214
END CONSTRUCTION

-Y53- PC Sta.10+14.314

NCGS "INTERNATIONAL
BL-PINC 242+62.756 =
BY53-POT 5+00.000
-LTRANRT- POC 243+70.506
OFF 12.264 LT

BY53-1PINC 6+41.245
-Y53- POT 11+32.974
OFF 16.804 LT

BY53-2 POT 7+65.004
-Y53- POT 12+54.155
OFF 9.062 LT

BL-98 PINC 244+59.767
-LTRANRT- POC 245+66.817
OFF 6.332 RT

-LTRAN LT- STA 244+00.000
25.603m (84.00ft)

-LTRAN RT- STA 244+00.000
25.603m (84.00ft)

-LTRAN RT- STA 244+45.000
19.880m (65.22ft)

-LTRAN LT- STA 244+92.572
19.262m (63.19ft)

-LTRAN RT- STA 244+62.163
15.162m (49.75ft)

-LTRAN RT- STA 244+59.901
19.880m (65.22ft)

-LTRAN LT- STA 245+12.000
28.042m (92.00ft)

-LTRAN LT- STA 245+75.000
24.079m (79.00ft)

-LTRAN LT- STA 245+92.000
19.507m (64.00ft)

-Y53- +46.137
18.288m (60.00ft)

-Y53- +40.000
25.603m(84.00ft)

-Y53- +20.000
28.042m(92.00ft)

-Y53- +00.000
31.080m(102.00ft)

-Y53- +80.018
30.785m(101.00ft)

-Y53- +70.000
25.231m(82.78ft)

-Y53- +43.200
26.855m(88.11ft)

-Y53- +87.824
21.031m(69.00ft)

-Y53- +88.300
18.288m (60.00ft)

-Y53- +20.000
18.288m (60.00ft)

10 x 5 x 1
1.5 m weir

17 x 9 x 1
2.5 m weir

13 x 7 x 1
2.0 m weir

13 x 6 x 1
2.5 m weir

17 x 9 x 1
2.0 m weir

13 x 6 x 1
2.0 m weir

18 x 8 x 1
2.0 m weir

9 x 4 x 1

8 x 4 x 1

7 x 4 x 1

7 x 4 x 1

CLASS 'I' RIP RAP
EST. 9.1 MTONS
FILTER FABRIC
EST. 19.2 S.M.

CLASS 'I' RIP RAP
EST. 19.1 MTONS
FILTER FABRIC
EST. 39.3 S.M.

CLASS 'B' RIP RAP
EST. 1.8 MTONS
FILTER FABRIC
EST. 5.9 S.M.

0.6m BASE SPECIAL LATERAL DITCH
SEE DETAIL N3

0.9m BASE SPECIAL LATERAL DITCH
SEE DETAIL L3

0.6m BASE SPECIAL LATERAL DITCH
SEE DETAIL O3

0.9m BASE HEAD DITCH
SEE DETAIL M3
EST. DDE = 650 M3
EST. 375m² PSS

SPECIAL MEDIAN DITCH
SEE DETAIL R2

SPECIAL MEDIAN DITCH
SEE DETAIL R

SPECIAL CUT DITCH w/PSRM
SEE DETAIL E2

SPECIAL LATERAL 'V' DITCH
SEE DETAIL P3

SPECIAL CUT DITCH
SEE DETAIL Y1

SPECIAL CUT DITCH
SEE DETAIL Y1

FILL EX. DITCH

TIE TO EXIST. DITCH

TIE TO EXIST. DITCH

TIE TO EX. DITCH

TIE TO EX. DITCH

TIE TO EX. DITCH

RETAIN SYSTEM

RETAIN EX. DITCH

RETAIN SYSTEM

REMOVE 13m+/-

REMOVE 4m+/-

REM. SYSTEM

REM. 7m+/-

DO NOT DISTURB VAULTS

NO RESPONSIBILITY IS ASSUMED FOR PIPING NOT SHOWN FOR THIS WM.

CONSTRUCTION ENTRANCE

EXISTING 15.24 (50') RW

EXISTING 15.24 (50') RW

EXISTING 18.88m (60') RW

N 58° 48' 01.4" E

N 76° 48' 40.3" E

N 25° 07' 13.3" W

N 63° 45' 3"W

N 80° 24' 9"E

N 80° 24' 9"E

N 80° 23' 8"E

N 56° 58' 2"W

N 55° 58' 18"W

N 32° 40' 0"E

N 63° 45' 3"W

R=9.739

R=19.137

R=15.0

R=15.0

R=18.0

R=30.0

R= 2D

R= 2D

MAX. SLOPE=0.005 mm/mm

125 MM MONO. CONC. ISLAND

125 MM MONO.CONC.ISLAND

300 TAPER

300 TAPER

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEETS 48 AND 49 FOR -LTRANLT- PROFILE
SEE SHEETS 50 AND 51 FOR -LTRANRT- PROFILE
SEE SHEET 59 FOR -Y53- PROFILE
: PAVEMENT REMOVAL

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-64/CONST.31
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

NAD 83

SR 1963 SAINT MARTIN RD.

NC 24 / 27 — 615/1000 — 830/1400 — NC 24 / 27

12900/25400 — 315/600 — 1760/3200 — 14600/28400

ADT 2004 / ADT 2030 — 3100/5600 — -Y45-

SR 1963 SAINT MARTIN RD.

JOHNNY GASKIN POPLIN
DB 383 PG 736

JAMES EDDIE POPLIN & WIFE JANE EFIRD POPLIN
DB 383 PG 434

MARSHALL BUDDIE POPLIN
DB 383 PG 733

JULIA P. CARPENTER
WB 02 PG 221
DB 95 PG 145

203

BETTIE JEAN BURRIS
DB 387 PG 979

OSCAR LEE SHELTON
DB 380 PG 81

STEVE MARTIN LOWDER & WIFE
KAREN S. LOWDER
DB 312 PG 785

STEVE MARTIN & KAREN S. LOWDER
DB 259 PG 138

JIMMY HAROLD LOWDER
DB 259 PG 144

J. BRICE BURLESON & WIFE BETTY R. BURLESON
DB 232 PG 133

RAYMOND POPLIN HEIRS
DB 95 PG 145
DB 212 PG 517

CITY OF ALBEMARLE (APPROX. LIMITS)

NCGS "HANDI"
BL-PINC 247+37.081 L.B. =
BY56-PINC 6+24.557 =
BL-POT 5+00.000 L.A. (R-2530-AA)
-LTRANRT- POT 248+41.838 OFF 28.904 LT

-LTRAN LT- POT Sta.247+97.548
END STATE PROJECT R-0967CC

-LTRAN LT- STSta.247+45.178

-LTRAN LT- CSSta.246+73.178

-LTRAN LT- STA 247+26.416
13.961m (45.80ft)

-LTRAN LT- STA 246+73.178
19.812m (65.00ft)

MATCHLINE -LTRANS RT- STA. 246+00.000 SEE SHEET 30

-LTRAN RT- CSSta.246+69.546

-LTRAN RT- STSta.247+41.546

-LTRAN RT-POT Sta.247+80.000
END STATE PROJECT R-0967CC

7 x 4 x 1

6 x 3 x 1

SPECIAL CUT DITCH SEE DETAIL Y1

-LTRAN, LT-

-LTRAN RT-

REMOVE

EXISTING 45.72 (150') R/W

N 88°23'12.5" E

S 9°03'25.6" W

EXIST. SIGNAL UPGRADED

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 49 FOR -LTRANLT- PROFILE
SEE SHEET 51 FOR -LTRANRT- PROFILE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
5 0 10	R-0967CC	EC-65/CONST.32
	R /W SHEET NO.	
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.		

NAD 83

(38)
KENNETH L. & HELEN TEETER
DB 593 PG 374
DB 341 PG 192

12 x 5 x 1
1.5 m weir

-Y41-PCSta.10+89.078

-Y41- +95.848
21.252m(69.72ft)
-Y41- +97.427
27.026m(88.67ft)

CLASS 'B' RIP RAP
EST. 6.4 MTONS
FILTER FABRIC
EST. 14.2 S.M.

-Y41- +30.000
15.850m (52.00ft)
-Y41- +06.220
24.414m(80.10ft)
-Y41- +04.836
18.504m(60.71ft)

PSRM W/0.3m TUCK ALL SIDES
EST. 25m²

SPECIAL
CUT DITCH
SEE DETAIL T

END CONSTRUCTION
-Y41- POC STA.11+60.000

BY40-1POT 5+00.000
-Y41- POT 11+47.592
OFF 6.240 LT

-Y41- +50.000
13.716m (45.00ft)

-Y41- +65.000
9.136m (29.97ft)

GRADE TO DRAIN

-Y41-

60.0 TAPER

-Y41- +00.000
9.144m (30.00ft)

-Y41- +00.000
12.192m (40.00ft)

TIE TO EXISTING
DITCH

SPECIAL LATERAL 'V' DITCH
SEE DETAIL M

-Y41- +89.000
14.630m (48.00ft)
20.117m (66.00ft)

SPECIAL CUT DITCH
SEE DETAIL Y

FLATTEN FRONT DITCH SLOPE
TO MAINTAIN 10m MIN.
BETWEEN PIPE END & EP

-Y41- +89.000
45.720m (150.00ft)

9 x 4 x 1
1.5 m weir

0.6m BASE
HEAD DITCH
EST. DDE = 102 M3
SEE DETAIL X

(32)
GLENN A. & WF. MYRTLE W. TEETER
DB 341PG 54

-Y41- +80.000
14.630m
(48.00ft)
20.117m
(66.00ft)

-Y41- +61.000
19.970m (65.52ft)
45.720m (150.00ft)

MATCHLINE -Y41- STA 10+60.000 SEE SHEET 11

N 69° 45' 54.8" W
12

-Y41- PTSta.11+79.239

-Y41- +64.442
9.144m (30.00ft)

-Y41- POTSta.12+19.960

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 53 FOR -Y41- PROFILE
: PAVEMENT REMOVAL

01-MAR-2025 13:54
e:\projects\r-0967cc\roadway\r-0967ccs1322.dgn
(REVISED)

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-66/CONST.33
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

LARRY MORGAN & WIFE PATSY L. MORGAN
DB 220 PG 193

JOEY P. EFIRD & WIFE KAREN T. EFIRD
DB 554 PG 267

DOLORES EFIRD FURR
DB 391 PG 856

PRICE A. EFIRD AND WIFE HALLIE L. EFIRD
DB 715 PG 141

TAMARA K. TEWMEY
DB 742 PG 537
67A

GARRET W. EFIRD & WIFE JUDY A. EFIRD
DB 715 PG 132
67

G. CHAD EFIRD & WIFE FAYE C. EFIRD
DB 157 PG 68
DB 198 PG 379

JOHN W. LISK & WIFE BILLIE D. LISK
DB 206 PG 298

RR SPIKE
49.073 S42°46'24"E
30.505 N38°56'10"W
22.86 N35°26'11"W
99.079 S42°36'15"W
58.786 N88°51'18"W
55.179 S5°16'45"W
65.522 S68°12'18"W
46.495 S28°37'53"W
42.203 N54°58'21"W
15.935 N10°20'41"W
29.499 S84°38'18"E
35.71 N46°50'58"W
39.444 N38°18'38"W
79.910 N46°49'32"W
82.296 N49°11'56"E
56.029 S23°35'51"E
51.192 N85°54'10"E
35.668 N83°51'39"W
8.178 N83°35'54"E
8.178 N83°35'54"E

BY43-1POT 5+00.000
-Y43- POT 12+23.498
OFF 3.700 RT

-Y43- PT STA.11+98.441
END CONSTRUCTION

-Y43- +10.000
9.178m (30.11ft)

-Y43- +00.000
16.459m (54.00ft)

-Y43- +93.097
9.143m (30.00ft)
17.374m (57.00ft)

-Y43- PTSta.11+10.287

-Y43- PCSta.11+25.753

+16.592
17.374m
(57.00ft)

-Y43- +10.000
9.110m (29.89ft)

-Y43- +00.000
16.154m (53.00ft)

-Y4- PTSta.11+88.334

-Y43- +70.000
17.983m (59.00ft)

-Y43- +46.105
13.716m (45.00ft)

N 50° 46' 46" W

N 69° 47' 54" W

S 11° 01' 32" E

66

PRICE A. EFIRD & WIFE DELLIE EFIRD
DB 157 PG 68
DB 166 PG 193
DB 218 PG 51
DB 264 PG 110

CLASS 'B' RIP RAP
EST. 9.1 MTONS
FILTER FABRIC
EST. 23.4 S.M.

-Y55- PTSta.10+78.332

-Y55- +99.405
9.177m (30.11ft)
11.857m (38.90ft)

7 x 4 x 1
1.5 m weir

65

STANLEY COUNTY BOARD OF EDUCATION
DB 66 PG 18
DB 66 PG 392
DB 324 PG 956

BY55-1POT 5+00.000
-Y55- POT 11+24.967
OFF 5.248 RT

-Y55- POTSta.11+04.008
END CONSTRUCTION

-Y55- +20.00
9.150m (30.02ft)
EXIST. R/W

-Y55- +20.00
9.144m (30.00ft)
EXIST. R/W

-Y55- +00.000
17.678m (58.00ft)

N 69° 11' 53" W

S 70° 53' 08" E

NO ASSOCIATED PAVING TO BE PAID FOR THIS SHEET AND W4.

SR 1305 BETTY RD 5.8 BST

STANLEY COUNTY BOARD OF EDUCATION
DB 66 PG 18
DB 66 PG 392
DB 324 PG 956

64

MATCHLINE -Y43- STA.10+96.172 SEE SHEET 15

MATCHLINE -Y55- SEE SHEET 15 STA. 10+80.000

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 54 FOR -Y43- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
R-0967CC	EC-67/CONST.34
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC

5 0 10

NAD 83

MATCHLINE -Y45- STA.12+00.000 SEE SHEET 20

DUSTI LYNN ALEXANDER HANCOCK DB 778 PG 390 — 115A

MABON F. KIMREY & WIFE BERTHA H. KIMREY DB 225 PG 432 DB 246 PG 811

JONAH LAVERNE FRALEY & WIFE TOBA ANNE FRALEY DB 225 PG 175 — 114

DONNIE M. BROOKS & WIFE MERLE A. BROOKS DB 369 PG 217 — 115B

BRIAN R. WILKINSON & WIFE BRENDA M. WILKINSON DB 504 PG 610 — 113

BOBBY DEAN SMART & WIFE BESSIE D. SMART DB 268 PG 704 — 108

GROVER LAMBERT & WIFE WILMA LAMBERT DB 164 PG 605 — 112

GERTRUDE WISE DB 202 PG 298

CONCORD TELEPHONE COMPANY DB 390 PG 156 — 107

TOMMY HUNEYCUTT & WIFE BEVERLY L. HUNEYCUTT DB 297 PG 617 — 109

DEAN SMART & WIFE LOUISE D. SMART DB 184 PG 101 — 110

GROVER LAMBERT & WIFE WILMA LAMBERT DB 187 PG 448 — 111

CLAUDE CLARK & WIFE LEORA CLARK DB 379 PG 945 — 106

JOHN P. HATLEY & JODIE M. HAYNES DB 379 PG 945

HENRY LEE CURRIE & WIFE JOYCE H. CURRIE DB 381 PG 395

8 x 4 x 1

14 x 7 x 1 2.0 m weir

7 x 4 x 1 1.5 m weir

6 x 3 x 1 1.5 m weir

7 x 3 x 1 1.5 m weir

8 x 4 x 1

END CONSTRUCTION -Y45A- POT STA.11+01.829

-Y45- POC Sta.11+65.899

-Y45- POT Sta.10+71.389

BY46-1 POT 8+38.841 -Y45- POT 11+16.466 OFF 3.875 RT.

-Y45- PT Sta.11+95.340

BEGIN CONSTRUCTION -Y45- POT STA.10+30.000

-Y45- PC Sta.10+41.688

-Y45- POT Sta.10+00.000

BEGIN CONSTRUCTION -Y45A- POT STA.10+02.512

-Y45- +80.605 35.711m (117.16ft) EX.RW

-Y45A- +85.000 9.144m(30.00ft)

-Y45A- +94 16.154m(53.00ft)

-Y45- +86.000 16.154m (53.00ft)

-Y45- +80.000 9.144m (30.00ft)

-Y45- +48.000 15.545m (51.00ft)

-Y45A- +48.000 16.000m (52.49ft)

-Y45A- +20.000 16.000m (52.49ft)

-Y45A- +07.339 21.605m (70.88ft)

-L- +23.282 71.071m (233.17ft)

-L- +22.842 74.030m (242.88ft)

-L- +18.049 73.180m (240.09ft)

-Y45A- +02.646 9.144m(30.00ft)

-Y45- +88.000 9.144m(30.00ft)

-Y45A- +55.000 13.633m (44.73ft)

-Y45- +40.000 9.144m(30.00ft)

-Y45- +48.000 15.240m(50.00ft)

-Y45A- +55.000 12.497m (41.00ft)

-Y45- +12.000 12.937m (42.44ft)

-Y45A- +06.344 14.031m (46.00ft)

-Y45A- +02.787 12.497m(41.00ft)

-Y45A- +02.401 15.370m (50.43ft)

-Y45- +80.000 13.562m (44.50ft)

-L- +16.112 87.009m (285.46ft)

-L- +20.813 87.841m (288.19ft)

-Y45- +06.390 15.561m(51.05ft)

-Y45- +30.000 22.456m (73.67ft)

-Y45- +06.000 19.671m(64.54ft)

-Y45- +91.000 24.384m (80.00ft)

-Y45- +92.000 16.024m (52.57ft)

-Y45- +83.000 23.470m (77.00ft)

-Y45- +85.000 14.546m (47.72ft)

-Y45- +80.353 13.684m(44.89ft)

-Y45- +40.000 15.240m (50.00ft)

-Y45- +30.000 6.096m (20.00ft) 10.058m (33.00ft)

-Y45- +20.000 6.096m(20.00ft)

-Y45- +41.688 9.144m (30.00ft)

-Y45- +30.000 6.096m (20.00ft) 9.144m (30.00ft)

-Y45- +40.000 16.459m (54.00ft)

-Y45- +20.000 6.096m (20.00ft)

RETAIN

REMOVE

REMOVE 10m+/- 450mm CONC COLLAR & EXTEND W.S. +/- BEND

SPECIAL CUT DITCH SEE DETAIL H2

SPECIAL LATERAL 'V' DITCH SEE DETAIL J2

FLATTEN FRONT DITCH SLOPE TO MAINTAIN 10m MINIMUM DISTANCE BETWEEN EP & CROSS-PIPE

FLATTEN FRONT DITCH SLOPE TO MAINTAIN 10m MINIMUM DISTANCE BETWEEN EP & CROSS-PIPE

GRADE TO DRAIN

PLUG

CLASS 'B' RIP RAP EST. 2.7 MTONS FILTER FABRIC EST. 8.4 S.M.

TAIL 'V' DITCH SEE DETAIL V

FILL IN EXISTING DITCH

NOTE: SEE SHEET 2-H FOR CURVE DATA
SEE SHEETS 2-I THRU 2-K FOR DRAINAGE DETAILS
SEE SHEET 55 FOR -Y45- PROFILE
SEE SHEET 55 FOR -Y45A- PROFILE
: PAVEMENT REMOVAL