PUBLIC MEETING MAP
PROJECT TIP R-5757
NORTHAMPTON COUNTY
NC 305 FROM SEABOARD TOWN LIMITS TO THE HERTFORD COUNTY LINE
ROLL 2 OF 3

PUBLIC MEETING MAP
PROJECT TIP R-5757
NORTHAMPTON COUNTY
NC 305 FROM SEABOARD TOWN LIMITS TO THE HERTFORD COUNTY LINE
ROLL 2 OF 3

FROM NC 305, APPROX. 1 MILE PAST SR 1115 (HARRINGTON RD) TO APPROX. ½ MILE ONTO JEFFERSON ST

Prepared in the Office of:
SUMMIT
DESIGN AND ENGINEERING SERVICES
NC FIRM LICENSE NO. P-0339
320 Executive Court
Hillsborough, NC 27278
(919) 732-3883
(919) 732-3887

PRELIMINARY PLANS
SUBJECT TO FURTHER REVISION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83

DESIGN DATA

Functional Class.	Rural Principal Arterial (Interstate)
Design Speed	55 MPH / 45 MPH
Max. Superele.	e = 0.04 / 0.08

MATCHLINE SHEET 2 OF 3 (CONT'D)

SR 1102 (JUNIPER RD)

SR 1102 (JUNIPER RD)

SR 1102 (JUNIPER RD)

SR 1104 (MOTLOW TRL)

SR 1104 (MOTLOW TRL)

SR 1102 (JUNIPER RD)

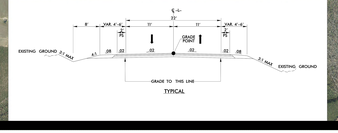
SR 1102 (JUNIPER RD)

SR 1114 (JOHN DANIEL RD)

SR 1114 (JOHN DANIEL RD)

MATCHLINE SHEET 3 OF 3 (CONT'D)

12 13 14 15 16 17 18 19 20 21 22 23 24 25 26



TYPICAL

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, SLOPE, ETC.)
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED PAVEMENT, ISLAND, BUS PAD, CURB AND GUTTER
- EXISTING CURB AND GUTTER TO BE REMOVED AND REPLACED WITH CURB AND GUTTER
- EXISTING CURB AND GUTTER TO BE REMAINED
- CANOE, RIVER, STREAMS AND PONDS
- EXISTING UTILITY EASEMENT
- PROPERTY LINES
- WETLAND LIMITS BOUNDARY
- CUT SLOPE
- FILL SLOPE
- COUNTY LINE

UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITIES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE UTILITY INFORMATION SHOWN ON THESE MAPS IS LIMITED TO LOCATION OF MAJOR EXISTING AND POTENTIAL UTILITY EASEMENTS. THE DESIGNS SHOWN ON THE MAPS, INCLUDING UTILITY EASEMENT, ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

LEGEND

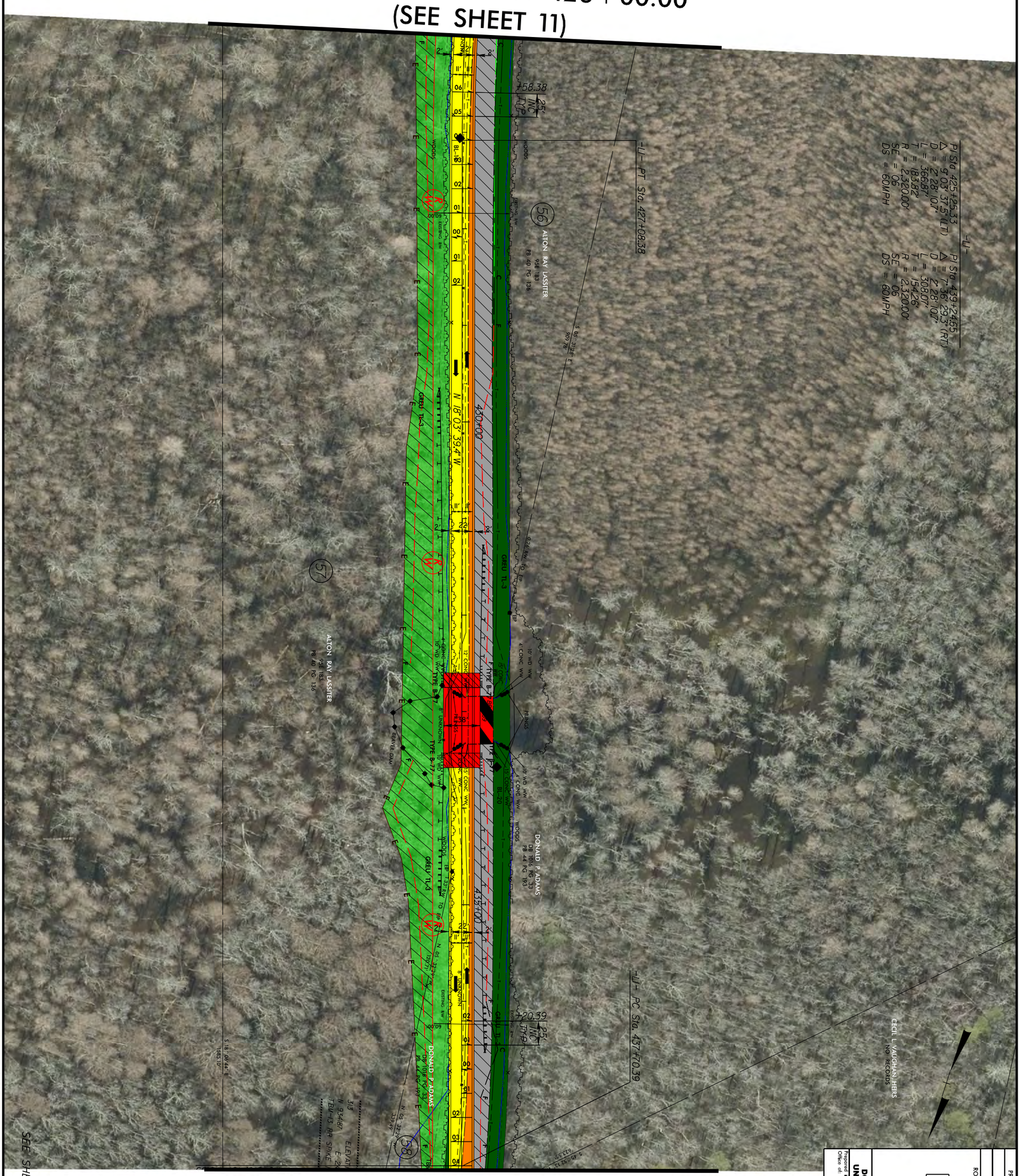
- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, SLOPE, ETC.)
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED PAVEMENT, ISLAND, BUS PAD, CURB AND GUTTER
- EXISTING CURB AND GUTTER TO BE REMOVED AND REPLACED WITH CURB AND GUTTER
- EXISTING CURB AND GUTTER TO BE REMAINED
- CANOE, RIVER, STREAMS AND PONDS
- EXISTING UTILITY EASEMENT
- PROPERTY LINES
- WETLAND LIMITS BOUNDARY
- CUT SLOPE
- FILL SLOPE
- COUNTY LINE

REVISIONS

$$$$$$SYSTIME$$$$$
R-5757_Rdy_psh_12_PHM.dgn
spencer.merritt

8/17/99

MATCHLINE –L1– STA 426+00.00
(SEE SHEET 11)



MATCHLINE –L1– STA 437+75.00
(SEE SHEET 13)

SEE SHEET 45 FOR -L1-5A- PROFILE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared in The Office of:

SUMMIT
NC FIRM LICENSE NO: P-0339
SUMMIT DESIGN AND ENGINEERING SERVICES
1750 CORPORATE DR. STE 270
NORCROSS, GA 30093
PH: 770-418-8744

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

ROADWAY DESIGN ENGINEER
RW SHEET NO.
HYDRAULICS ENGINEER

PROJECT REFERENCE NO.
R-5757
SHEET NO.
12

PROJECT REFERENCE NO.	SHEET NO.
R-5757	13
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
SUMMIT
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

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REVISIONS

MATCHLINE -L1- STA 437+75.00
(SEE SHEET 12)

MATCHLINE -L1- STA 451+00.00

-L1-

PI Sta 439+24.65	PI Sta 445+01.73	PI Sta 446+11.15
Δ = 7° 36' 29.3" (RT)	Δ = 0° 28' 40.7" (RT)	Δ = 0° 20' 24.5" (LT)
D = 2° 28' 10.7"	D = 0° 28' 38.9"	D = 0° 17' 11.3"
L = 308.07'	L = 100.11'	L = 118.74'
T = 154.26'	T = 50.05'	T = 59.37'
R = 2,320.00'	R = 12,000.00'	R = 20,000.00'
SE = 06		
DS = 60MPH		

S 05° 49' 25" E
1107.50'

S 05° 49' 25" E
679.10'

END GRADE
-L1- Sta. 442+75.00

-L1- PT Sta. 446+70.52

-L1- PT Sta. 440+78.46

-L1- PC Sta. 444+51.67

-L1- PRC Sta. 445+51.78

59

60

58

CECIL L. VAUGHAN, HEIRS
NO RECORDS

DONALD P. ADAMS
DB 1016 PG 331
PB 44 PG 193

ALTON RAY LASSITER
95E 183
PB 40 PG 136

BASE OF 30" WATER OAK

WOODS

EXISTING R/W

NC 305 24' PAVED ROADWAY

N 10° 27' 10.1" W

N 10° 18' 53.9" W

440+00

445+00

450+00

BL-21

BL-22

25' INC TYP

+78.46

195.39

8" UNKNOWN

EX EX

SEE SHEET 45 FOR -L1-5A- PROFILE

$$$$$SYSTIME$$$$
$$$$$SYSDATE$$$$
$$$$$USERNAME$$$$
$$$$$DGNFILE$$$$.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-5757	14
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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SUMMIT
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

REVISIONS

8/17/99

STA 480+00.00

MATCHLINE -L1- STA 493+00.00

61

REBECCA A. EDMUNDSON, ET AL
15E 63

BEGIN GRADE
-L1- Sta. 482+75.00

EARL THOMAS CREW
98E PG 128
DB 616 PG 776

64

WILLIE RAY BARNES, ET AL
DB 973 PG 228
PB 27 PG 168

65

CLINTON A. ASKEW, HEIRS
89E 45
DB 945 PG 619

END GRADE
-L1- Sta. 489+50.00

67

CHRISTOPHER G. BEST
DB 1602 PG 137
PB 45 PG 43

MALCOLM G. BEST, ET UX
DB 505 PG 486
PB 27 PG 26

MALCOLM G. BEST, ET UX
DB 605 PG 221

15SKD

480+00

N 23° 06' 40.1" W

PAVED ROADWAY

N 22° 55' 51.8" W

490+00

GREU TL-3

BL-28

BL-29

TBM-15

EARL THOMAS CREW
DB 790 PG 231

62

CHESTER J. DELOATCH, SR., ET AL
DB 706 PG 690
PB 27 PG 168

63

CLINTON A. ASKEW, HEIRS
89E 45
DB 945 PG 619

66

-L1- PINC Sta. 489+90.81

W. J. HARGROVE, JR., ET UX
DB 806 PG 74
PB 34 PG 255

T5BKBUS

315 ELEVATION = 69.86
N 939050 E 2497180
TBM-15 RR SPIKE IN BASE OF 32" PINE

SEE SHEET 46 FOR -L1-5B- PROFILE

$$$$$$$SYSTIME$$$$$$$
$$$$$$$RUSER$$$$$$$
$$$$$$$DGNFILE$$$$$$$

REVISIONS

$$$$$$SYSTIME$$$$$
R-5757_Rdy_psh_15_PHM.dgn
spencer.merritt

8/17/99

MATCHLINE –L1– STA 519+25.00

MATCHLINE –L1– STA 533+00.00
(SEE SHEET 16)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

Prepared in the Office of:
SUMMIT
NC FIRM LICENSE NO: P-0339
Telephone: (919) 851-1300
Telephone: (704) 376-2778
FAX: (919) 851-8419

ROADWAY DESIGN ENGINEER
RW
HYDRAULICS ENGINEER

PROJECT REFERENCE NO.
R-5757

SHEET NO.
15

SHEET NO.

8/17/99

REVISIONS

MATCHLINE -L1- STA 533+00.00 (SEE SHEET 15)

-L1-

PI Sta 535+63.16
Δ = 0°13' 34.1" (LT)
D = 0°13' 45.1"
L = 98.67'
T = 49.34'
R = 25,000.00'
SE = NC
DS = 60MPH

PI Sta 536+98.42
Δ = 0°23' 37.7" (RT)
D = 0°13' 45.1"
L = 171.83'
T = 85.92'
R = 25,000.00'
SE = NC
DS = 60MPH

PI Sta 542+11.84
Δ = 0°13' 48.5" (RT)
D = 0°17' 11.3"
L = 80.34'
T = 40.17'
R = 20,000.00'

PROJECT REFERENCE NO.	SHEET NO.
R-5757	16
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
SUMMIT DESIGN AND ENGINEERING SERVICES
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

-L1- PC Sta. 535+13.83

-L1- PRC Sta. 536+12.50

END GRADE
-L1- Sta. 539+00.00

-L1- PC Sta. 546+75.89

76 JAMES O. OUTLAND, TRUSTEE
DB 872 PG 150
PB 11 PG 101

78 JAMES O. OUTLAND, TRUSTEE
DB 1021 PG 799

79 LEMUEL C. RICKS, ET AL
DB 860 PG 444

TERRENCE DUANE FENNELL, ET AL
DB 962 PG 632
PB 32 PG 145

1SFD

75 JAMES O. OUTLAND, TRUSTEE
DB 872 PG 150
PB 11 PG 101

LEMUEL C. RICKS, ET AL
DB 860 PG 444
PB 37 PG 146

77

N 23° 15' 20.0" W

N 23° 05' 16.4" W

N 22° 51' 27.8" W NC 305 24' PAVED ROADWAY

535+00

540+00

545+00

TBM-17
317 ELEVATION = 69.20
N 943266 E 2495393
TBM-IT RR SPIKE IN BASE OF 34" SWEET GUM

BL-33

BL-34

-L1- PT Sta. 537+84.33

-L1- PC Sta. 541+71.67

-L1- PT Sta. 542+52.01

SEE SHEET 47 FOR -L1-5D- PROFILE

MATCHLINE -L1- STA 547+00.00 (SEE SHEET 17)

$$$$$$SYSTIME$$$$$$
R5757_PH2_PLAN_16_HM.dgn
speicher mac111

PROJECT REFERENCE NO.	SHEET NO.
R-5757	17
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
SUMMIT Design and Engineering Services
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

8/17/99

REVISIONS

MATCHLINE -L1- STA 547+00.00 (SEE SHEET 16)

MATCHLINE -L1- STA 559+00.00 (SEE SHEET 18)

-L1-
PI Sta 547+43.86
Δ = 0° 18' 41.5" (LT)
D = 0° 13' 45.1"
L = 135.93'
T = 67.97'
R = 25,000.00'
SE = NC
DS = 60MPH

PI Sta 558+00.08
Δ = 31° 29' 26.8" (LT)
D = 2° 28' 10.7"
L = 1,275.11'
T = 654.11'
R_1 = 2,320.00'
SE = 06
DS = 60MPH

-Y3-
PI Sta 11+05.64
Δ = 15° 38' 14.8" (RT)
D = 19° 05' 54.9"
L = 81.88'
T = 41.19'
R = 300.00'
SE = 04
DS = 25MPH

PI Sta 12+25.97
Δ = 0° 30' 30.7" (LT)
D = 0° 28' 38.9"
L = 106.50'
T = 53.25'
R = 12,000.00'
SE = NC
DS = 60MPH

BEGIN GRADE
-L1- Sta. 549+50.00

-L1- PT Sta. 548+11.82

-L1- PC Sta. 551+45.97

-L1- Sta. 554+57.05 =
-Y3- Sta. 10+00.00

79

LEMUEL C. RICKS, ET AL
DB 860 PG 444

80

M. C. BREWER
07E 120
DB 751 PG 332
PB 24 PG 252

77

LEMUEL C. RICKS, ET AL
DB 860 PG 444
PB 37 PG 146

318 ELEVATION = 75.69
N 945015 E 2494674
TBM-18 FILED "X" IN BONNET BOLT OF FIREHYDRANT

N 23° 10' 09.3" W

N 59° 08' 53.9" E

N 74° 47' 08.6" E

N 74° 16' 38.0" E

END CONSTRUCTION
-Y3- Sta. 11+75.00

-Y3- PC Sta. 10+64.45

-Y3- PT Sta. 11+46.33

-Y3- PC Sta. 11+72.72

-Y3- PT Sta. 12+79.22

-Y3- POT Sta. 13+36.81

550+00 | 555+00 | 560+00 | +19.00 | +35.00 | +46.00 | +60.00 | +95.97

25' INC TYP

OFFSET= 20'

R=180' +59.41 | R=50 +82.52 | R=220 +74.08

15" HDPE | 18" RCP | 8" UNKNOWN | CONC. HW | EXISTING R/W | CULTIVATED | WOODS | UNKNOWN | 10' UNKNOWN | 60.00' | 10' PAVED ROADWAY | S.R. 1500 LASKER RD | TO LASKER

SEE SHEET 47 FOR -L1-5E- PROFILE
SEE SHEET 60 FOR -Y3- PROFILE

$$$$SYSTIME$$$$
$$$$USER$$$$
R5757_PHM.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-5757	18
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
SUMMIT
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

8/17/99

REVISIONS

MATCHLINE -L1- STA 559+00.00

MATCHLINE -L1- STA 572+00.00

-L1-
PI Sta. 558+00.08
Δ = 31° 29' 26.8" (LT)
D = 2° 28' 10.7"
L = 1,275.11'
T = 654.11'
R = 2,320.00'
SE = .06
DS = 60MPH

END GRADE
-L1- Sta. 566+00.00

-L1- PINC Sta. 566+25.11

-L1- PT Sta. 564+21.08

S 25° 42' 41" E
180.85'

S 35° 56' 41" E
411.20'

S 35° 23' 41" E
149.00'

S 36° 03' 22" W
183.87'

LEWIS BULL HILL PROPERTIES, LLC.
DB 986 PG 289

NORTHAMPTON COUNTY
DB 692 PG 571

25' INC TYP

+71.09

560+00

565+00

570+00

N 54° 39' 36.1" W

N 54° 31' 55.8" W

NC 305 24' PAVED ROADWAY

TO JACKSON

EXISTING R/W

WOODS

UNKNOWN

3" UNKNOWN

BL-37

BL-38

15" RCP

12" GR

N 34° 04' 52" E
32.82'

CULTIVATED

ECM

0.27' ECM TO R/W

0.49' ECM TO R/W

0.64' R/W TO EIP

0.08' EIP TO R/W

CHESTER J. DELOATCH, SR. ET AL
DB 692 PG 368

CHESTER DELOATCH, ET AL
DB 653 PG 640

CREW INVESTMENTS, INC.
DB 951 PG 1

82

83

N 32° 55' 10" E
1206.40'

N 32° 55' 10" E
874.90'

N 23° 52' 38" E
528.71'

N 22° 15' 38" E
149.06'

N 17° 59' 08" E
391.65'

N 05° 31' 52" E
120.98'

N 34° 28' 56" E
149.99'

S 64° 39' 07" E
216.00'

S 53° 06' 22" E
136.51'

SEE SHEET 48 FOR -L1-5E- PROFILE

$$$$SYSTIME$$$$
$$$$USERNAME$$$$
R-5757_R/W_ESS_PIM.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-5757	19
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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Prepared in the Office of:
SUMMIT
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

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REVISIONS

MATCHLINE -L1- STA 608+00.00

MATCHLINE -L1- STA 621+00.00

-L1-
PI Sta 607+32.43
Δ = 7° 32' 59.9" (RT)
D = 4° 46' 28.7"
L = 158.13'
T = 79.18'
R = 1,200.00'

PI Sta 614+19.51
Δ = 0° 16' 53.2" (RT)
D = 0° 17' 11.3"
L = 98.25'
T = 49.12'
R = 20,000.00'
SE = NC
DS = 60MPH

PI Sta 614+84.56
Δ = 0° 05' 28.6" (LT)
D = 0° 17' 11.3"
L = 31.87'
T = 15.93'
R = 20,000.00'
SE = NC
DS = 60MPH

-L1- PT Sta. 608+11.38

-L1- PT Sta. 615+00.50

BEGIN GRADE
-L1- Sta. 611+00.00

END GRADE
-L1- Sta. 618+00.00

-L1- PC Sta. 613+70.38

-L1- PRC Sta. 614+68.63

N 50° 12' 57" W
566.80'

N 47° 44' 00" W
179.31'

S 47° 44' 44" W
83.09'

S 29° 44' 46" W
179.90'

S 10° 45' 39" W
72.04'

S 59° 36' 55" W
191.77'

S 02° 44' 46" W
85.00'

S 07° 28' 46" W
115.00'

N 12° 12' 54" W
108.84'

S 89° 39' 28" W
168.87'

S 43° 11' 48" W
100.25'

N 36° 55' 32.3" W

N 36° 44' 07.7" W

N 56° 53' 06" E
48.64'

S 74° 42' 55" E
74.74'

N 46° 41' 06" E
87.71'

N 47° 09' 54" W
251.71'

N 46° 10' 11" E
36.90'

N 35° 55' 57" W
87.18'

N 46° 27' 18" E
268.70'

N 24° 38' 32" E
268.28'

N 24° 45' 38" E
268.28'

RUN OF BEAR SWAMP IS PROPERTY LINE

BEAR SWAMP

HTR

UNKNOWN WIDTH EASEMENT

RUINS

FLAG POLE

0.64' EIP TO R/W

1SFD

G

B

JUANITA GREEN MAJETTE
16E 159

WEE WINN, LLC.
DB 796 PG 121

PATRICIA WOOD, ET AL
14E PG 201

SPIVEY FAMILY FARMS, LLC.
DB 1005 PG 330

PATRICIA WHEELER BOONE
DB 1013 PG 339
PB 38 PG 20
PB 44 PG 189

84 85 86 87 88 89

610+00 615+00 620+00

NC 305 24' PAVED ROADWAY

GREU TL-3

8" UNKNOWN

12" RCP

15" RCP

11' SOB

22' GR

48" WW

6' CONC WW

27" CONC HW

SEE SHEET 48 FOR -L1-6- PROFILE

$$$$$SYSTIME$$$$
$$$$$SYSDATE$$$$
$$$$$DGNFILE$$$$

PROJECT REFERENCE NO.	SHEET NO.
R-5757	20
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

8/17/99

REVISIONS

MATCHLINE -L1- STA 732+00.00

BEGIN GRADE
-L1- Sta.732+00.00

91

-L1- PC Sta. 733+93.83

-L1-
PI Sta 739+45.30
Δ = 26° 44' 32.4" (LT)
D = 2° 28' 10.7"
L = 1,082.84'
T = 551.47'
R = 2,320.00'
SE = 06
DS = 60MPH

+18.83
25' INC TYP

36° 45' 57.5" W

EXISTING R/W

JAMES RICHARD DUKE JR., ET AL
09E 96
PB 45 PG 5

740+00

MICHAEL TROMANS
09E 96

90

CULTIVATED

WOODS

TBM-22

322 ELEVATION = 88.03
N 955879 E 2482509
TBM-22 RR SPIKE IN BASE OF 15" PINE

-L1- PT Sta. 744+76.67

+26.67
25' INC TYP

15' GR

16'

18" RCP

15" RCP

745+00

11'

30' PAVED LOADWAY

N 63° 30' 30.0" W

MATCHLINE -L1- STA 745+50.00
(SEE SHEET 21)

SEE SHEET 49 FOR -L1-7- PROFILE

N 30° 24'37" W
151.37'

N 31° 37'00" W
161.06'

N 31° 08'01" W
195.81'

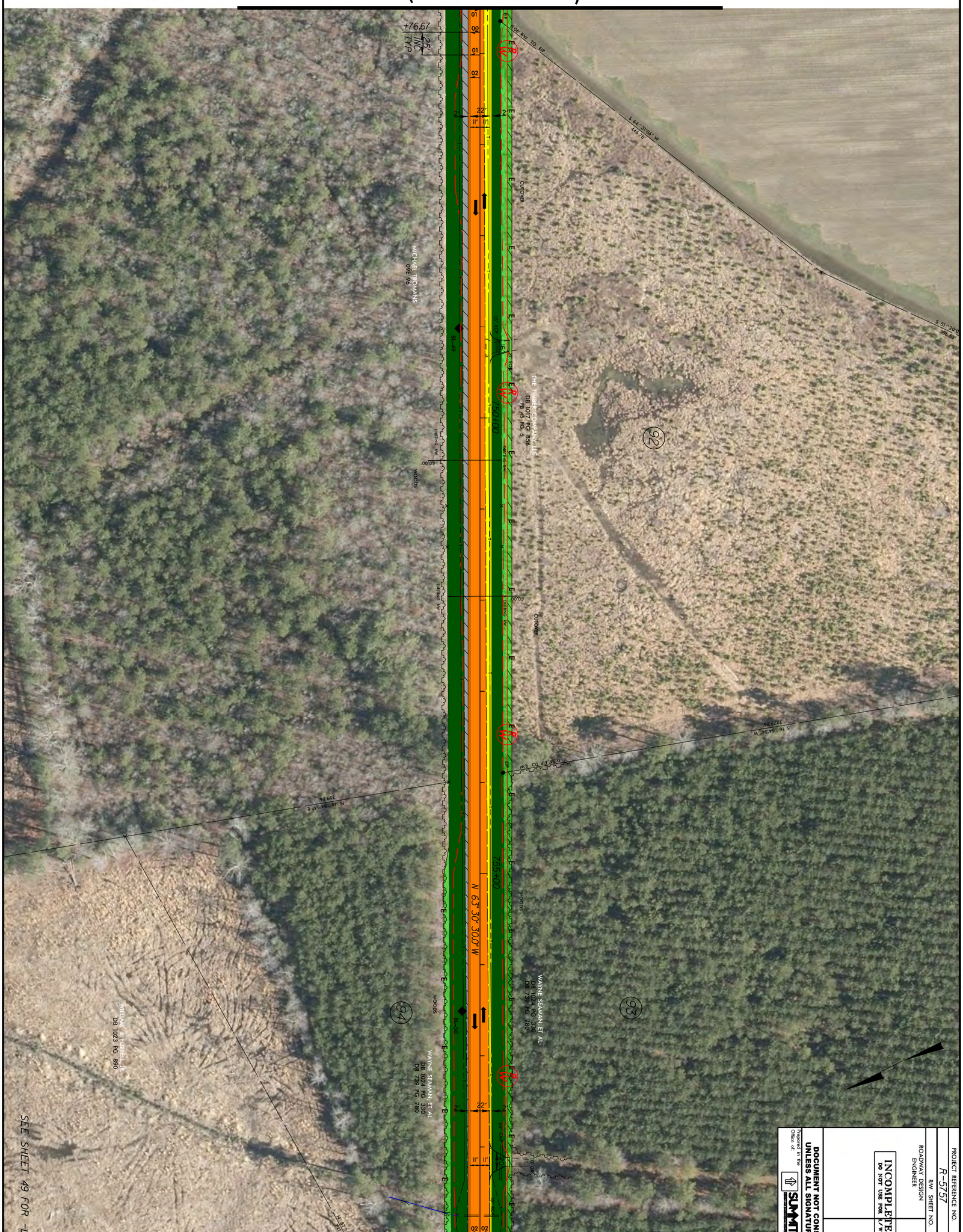
$$$$$$SYSTIME$$$$
R:\5757\Design\Roadway\Plans\R5757_20_PHM.dgn
jgeiger

REVISIONS

$$$$$$SYSTIME$$$$$
R-5757_Rdy_psh_21_PHM.dgn
spencer.merritt

8/17/99

MATCHLINE –L1– STA 745+50.00
(SEE SHEET 20)



MATCHLINE –L1– STA 759+00
(SEE SHEET 22)

SEE SHEET 49 FOR –L1-7– PROFILE

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Prepared in the Office of:
SUMMIT
NC FIRM LICENSE NO: P-0339
SUMMIT DESIGN AND ENGINEERING, PLLC
1000 CENTRE PARK DRIVE, SUITE 210
CARY, NORTH CAROLINA 27513
PHONE: 919-678-8100 FAX: 919-678-8101

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

ROADWAY DESIGN ENGINEER
RW
HYDRAULICS ENGINEER

PROJECT REFERENCE NO.
R-5757
SHEET NO.
21
SHEET NO.

PROJECT REFERENCE NO.	SHEET NO.
R-5757	22
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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Prepared in the Office of:
SUMMIT Design and Engineering Services
NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

8/17/99

REVISIONS

MATCHLINE -L1- STA 759+00.00
(SEE SHEET 21)

MATCHLINE -L1- STA 772+00.00

-L1-
PI Sta 767+01.53
Δ = 1°12'419" (LT)
D = 0°40'26.6"
L = 179.75'
T = 89.88'
R = 8,500.00'

PI Sta 768+59.63
Δ = 0°18'45.9" (LT)
D = 0°13'45"
L = 136.46'
T = 68.23'
R = 25,000.00'

PI Sta 770+12.37
Δ = 3°13'37.8" (LT)
D = 1°54'35.5"
L = 168.97'
T = 84.51'
R = 3,000.00'

-Y4-
PI Sta 13+93.16
Δ = 63°57'28.5" (RT)
D = 12°43'56.6"
L = 502.32'
T = 280.96'
R = 450.00'
SE = 0%
DS = 35MPH

END GRADE
-L1- Sta.765+25.00

-L1- PCC Sta.767+91.40

-L1- PCC Sta.770+96.83

-L1- PCC Sta.769+27.86

-L1- PC Sta.766+11.65

-L1- Sta.764+17.26 =
-Y4- Sta.10+00.00

-Y4- PC Sta.11+12.20

-Y4- PT Sta.16+14.53

END CONSTRUCTION
-Y4- Sta.17+25.00

-Y4- POT Sta.19+06.02

N 70°25'42" W
39.75'

N 70°25'43" W
202.90'

S 22°08'37" W
130.57'

S 26°03'56" W
104.73'

S 46°17'31" W
60.92'

S 87°34'26" W
104.04'

N 63°30'30.0" W

N 26°29'30.0" E

S 89°33'01.4" E

N 15°31'38" E
193.17'

760+00

765+00

770+00

T. A. STEPHENSON, HEIRS
DB 712 PG 226
CULTIVATED

KELLY W. EDWARDS, HEIRS
DB 706 PG 618

WAYNE SEAMAN, ET AL
DB 1024 PG 330
DB 739 PG 780

WILLIAM E. FUTRELL, JR.
DB 1023 PG 890

KRYSTAL VON WHITE
DB 999 PG 571
DB 765 PG 208

DB 765 PG 208
DB 999 PG 571
KRYSTAL VON WHITE

DB 706 PG 618
KELLY W. EDWARDS, HEIRS

PB 1 PG 102
DB 692 PG 270
BARRY KEITH BRYANT

DB 1023 PG 890
WILLIAM E. FUTRELL, JR.

NC 305 25' PAVED ROADWAY

150' DUSTY HILL RD 20' PAVED ROADWAY

TBM 23
ELEVATION = 88.54 OFFSET= 10'
N 269349
E 1248036
PK NAIL & RR SPIKE IN BASE OF 22" PINE

R=180'
+18.74

R=50'
+76.79

R=250'
+60.14

OFFSET= 15'

OFFSET= 10'

20' INC TYP
+07.87

50' TAPER
L/T/RT

WOODS
CULTIVATED
EXISTING R/W
EXISTING EDGE
EP TO R/W
1SFD
CONC
ISBLK BUS ABAND
12" RCP
18" RCP
11' GR
13' GR
18' GR
14' GR
13' SOIL
8' SOIL
48" WW
24" WW
6" WATER LINE
W43.87'
TO NC 35

SEE SHEET 50 FOR -L1-7- PROFILE
SEE SHEET 60 FOR -Y4- PROFILE

$$$$$SYSTIME$$$$$
$$$$$USER$$$$$
spencer_mac_file

8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5757	23
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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NC FIRM LICENSE No: P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

MATCHLINE -L1- STA 776+50.00

MATCHLINE -L1- STA 790+00.00

-L1-
PI Sta. 775+37.34
△ = 1° 46' 13.2" (LT)
D = 0° 40' 26.6"
L = 262.63'
T = 131.33'
R = 8,500.00'
SE = NC
DS = 60MPH

-L1- PT Sta. 776+68.65

BEGIN GRADE
-L1- Sta. 780+20.00

END GRADE
-L1- Sta. 787+50.00

99

T. A. STEPHENSON, HEIRS
DB 712 PG 226

CULTIVATED

27' SOIL

WOODS

15" RCP

780+00

GREU TL-3

4' CONC. WW

CULT CLEAR

EXISTING R/W

NC 305 25' PAVED ROADWAY

22'

11'

EX. EX.

02 02

N 81° 50' 24.3" W

790+00

BL-53

BARRY KEITH BRYANT
DB 692 PG 270
PB 1 PG 102

100

TBM-24

324 ELEVATION = 80.24
N 960479 E 2478431
TBM-24 RR SPIKE IN BASE OF 36" PINE

DAVID KEITH BRITTON, ET UX
DB 1017 PG 64
PB 19 PG 45

17' GR

N 05° 41' 28" W
548.52'

SEE SHEET 50 FOR -L1-8- PROFILE

$$$$$$CSYSTIME$$$$$$
$$$$$$CSYSDWG$$$$$$
spooner_marriott_23PHM.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-5757	24
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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REVISIONS

-LI-
PI Sta 799+60.56
Δ = 16° 11' 43.2" (RT)
D = 3° 10' 59.2"
L = 508.79'
T = 256.10'
R = 1,800.00'

ELIZABETH PARKER LEWIS ET AL
DB 938 PG 596

GURNEY WILSON BRASWELL, ET AL
DB 1014 PG 290
PB 6 PG 129

N 78° 37' 01" W
322.36

S 87° 50' 36" W
640.24

S 87° 50' 36" W
212.69

-LI- PINC Sta. 806+96.50

END GRADE
-LI- Sta. 808+30.00

-LI- PINC Sta. 809+91.02

BEGIN GRADE
-LI- Sta. 802+15.00

CHAMPION INTERNATIONAL CORPORATION
DB 671 PG 269

CHAMPION INTERNATIONAL CORPORATION
DB 671 PG 260

N 64° 58' 14.9" W

N 64° 52' 24.7" W

N 64° 45' 52.1" W

NC 305 25' PAVED ROADWAY

2' PAVED SHOULDER

10' CONC. MW

4' CONC. WW

GRED TL 3

EXISTING R/W

WOODS

18" RCP

15" CMP

8' SOIL

+99.00 25' INC TYP

+25.00 25' INC TYP

+22.50

+20.00

-LI- PT Sta. 802+13.25

325
ELEVATION = 7860
N 96096
E 2476336
TBM-25 PK SPIKE IN BASE OF 12" MAPLE

MATCHLINE -L1- STA 799+00.00

MATCHLINE -L1- STA 811+50.00

SEE SHEET 51 FOR -LI-9A- PROFILE

$$$$SYSTIME$$$$
$$$$USERNAME$$$$
R:\5757\Roadway\Plans\R5757_PHM.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-5757	25
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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Prepared in the Office of:
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Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

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REVISIONS

-LI-

PI Sta 833+49.51
Δ = 0° 21' 46.1" (LT)
D = 0° 13' 45.1"
L = 158.30'
T = 79.15'
R = 25,000.00'

PI Sta 836+26.14
Δ = 0° 54' 18.6" (RT)
D = 0° 13' 45.1"
L = 394.96'
T = 197.48'
R = 25,000.00'
SE = NC
DS = 60MPH

PI Sta 841+95.71
Δ = 0° 35' 23.2" (LT)
D = 0° 17' 11.3"
L = 205.88'
T = 102.94'
R = 20,000.00'
SE = NC
DS = 60MPH

MATCHLINE -L1- STA 834+00.00

MATCHLINE -L1- STA 846+50.00

-LI- PRC Sta. 834+28.66

BEGIN GRADE
-LI- Sta. 837+15.00

-LI- PC Sta. 840+92.77

-LI- PT Sta. 842+98.64

END GRADE
-LI- Sta. 843+65.00

+30.00

+47.50

+52.50

CHAMPION INTERNATIONAL CORPORATION
DB 671 PG 260

WOODS

GREU TL-3

835+00

840+00 CONC HW

845+00

NC 305 25' PAVEDROAD

N 64° 14' 21.4" W

N 64° 49' 44.7" W

22'

11' 11'

EX 02 02 EX

17' CONC HW

10' RCP

15' RCP

10' GR

EXISTING R/W

BL-62

TBM-27

327 ELEVATION = 88.70
N 962573 E 2472943
TBM-27 RR SPIKE IN BASE OF 15" PINE

-LI- PT Sta. 838+23.62

S 81° 04' 41" E
640.04

S 81° 06' 42" E
24.39

S 83° 57' 28" E
270.18

S 81° 53' 39" E
201.66

SEE SHEET 5I FOR -LI-9B- PROFILE

$$$$$SYSTIME$$$$$
$$$$$USERNAME$$$$$
$$$$$CELL$$$$$
SOURCE: MET_11

PROJECT REFERENCE NO.	SHEET NO.
R-5757	26
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

MATCHLINE -L1- STA 878+00.00

MATCHLINE -L2- STA 42+00.00

8/17/99

REVISIONS

CONSTANCE EDWARDS COLLINS
DB 618 PG 224
PB 1 PG 90

RUDOLPH COTTON, JR.
12E 100
PB 1 PG 90

BUFFY T. EDWARDS
DB 852 PG 90
PB 1 PG 90

REBIE LEWIS BOONE, HEIRS
DB 763 PG 587
PB 1 PG 90

KIZZIE PEEBLES, HEIRS
NO RECORDS
PB 1 PG 90

JOYCE PETERSON JOHNSON
DB 740 PG 310
PB 7 PG 18

JOHNNIE L. PEEBLES
DB 773 PG 131
PB 1 PG 90

MEHERRIN AGRICULTURE AND CHEMICAL COMPANY
DB 955 PG 930

ROBERT N. HILL, SR.
DB 646 PG 39
PB 22 PG 134

ARTHUR L. CAPUANO, ET UX
DB 716 PG 466
PB 28 PG 160

ANGELA MCLAUGHLIN
DB 1791 PG 160
PB 24 PG 145

RHONDA MELVIN TAYLOR
DB 979 PG 690
PB 24 PG 145

CHESTER DELOATCH, ET AL
DB 1861 PG 447
PB 24 PG 145

JANIE MCLAUGHLIN
DB 752 PG 894
PB 24 PG 145

CAPUANO, ET UX
ARTHUR L.
DB 716 PG 466
PB 28 PG 160

CLEMENTINE G. EDWARDS
DB 445 PG 264

RUSSELL PEEBLES, HEIRS
DB 327 PG 513

DAN T. PHILLIPS, ET UX
DB 885 PG 220
DB 636 PG 388

JAMES A. RAMSEY, JR., HEIRS
DB 645 PG 534

LEWIS BULL HILL PROPERTIES, LLC.
DB 946 PG 289

BEGIN GRADE
-L1- Sta.879+50.00

-L1- PC Sta.881+24.29

-L1- Sta.884+07.92

N 0° 24' 49.4" E

END CONSTRUCTION
-L1- Sta.884+38.57

-L1- Sta.884+68.69 =
-L2- Sta.33+74.23

-L2- PT Sta.33+33.08

BEGIN GRADE
-L2- Sta.29+25.00

-L2- PC Sta.40+50.31

POT Sta.884+68.69

N 89° 35' 10.6" W

END GRADE
-L2- Sta.38+25.00

N 64° 35' 23.4" W
110.00' TO RIGHT SQUARE

100' TAPER LT/RT

+124.29

+97.62

+97.75

+57.84

+01.84

160' TRANSITION LT/RT

100' TAPER

285' TURN LANE

328 ELEVATION = 906.61
N 964376 E 2469139
1" IN BONNET BOLT OF FIRE HYDRANT

-L1-
PI Sta 882+83.57
Δ = 65° 00' 12.8" (RT)
D = 22° 55' 05.9"
L = 283.63'
T = 159.28'
R = 250.00'
SE = 08
DS = 30MPH

-L2-
PI Sta 27+95.74
Δ = 77° 50' 55.7" (RT)
D = 5° 52' 35.4"
L = 1,324.75'
T = 787.41'
R = 975.00'
SE = 08
DS = 55MPH

PI Sta 41+53.39
Δ = 0° 28' 21.0" (LT)
D = 0° 13' 45.1"
L = 206.17'
T = 103.09'
R = 25,000.00'

SEE SHEET 52 FOR -L2- AND -L1-10- PROFILE

$$$$SYSTIME$$$$
$$$$USER$$$$
$$$$FILE$$$$