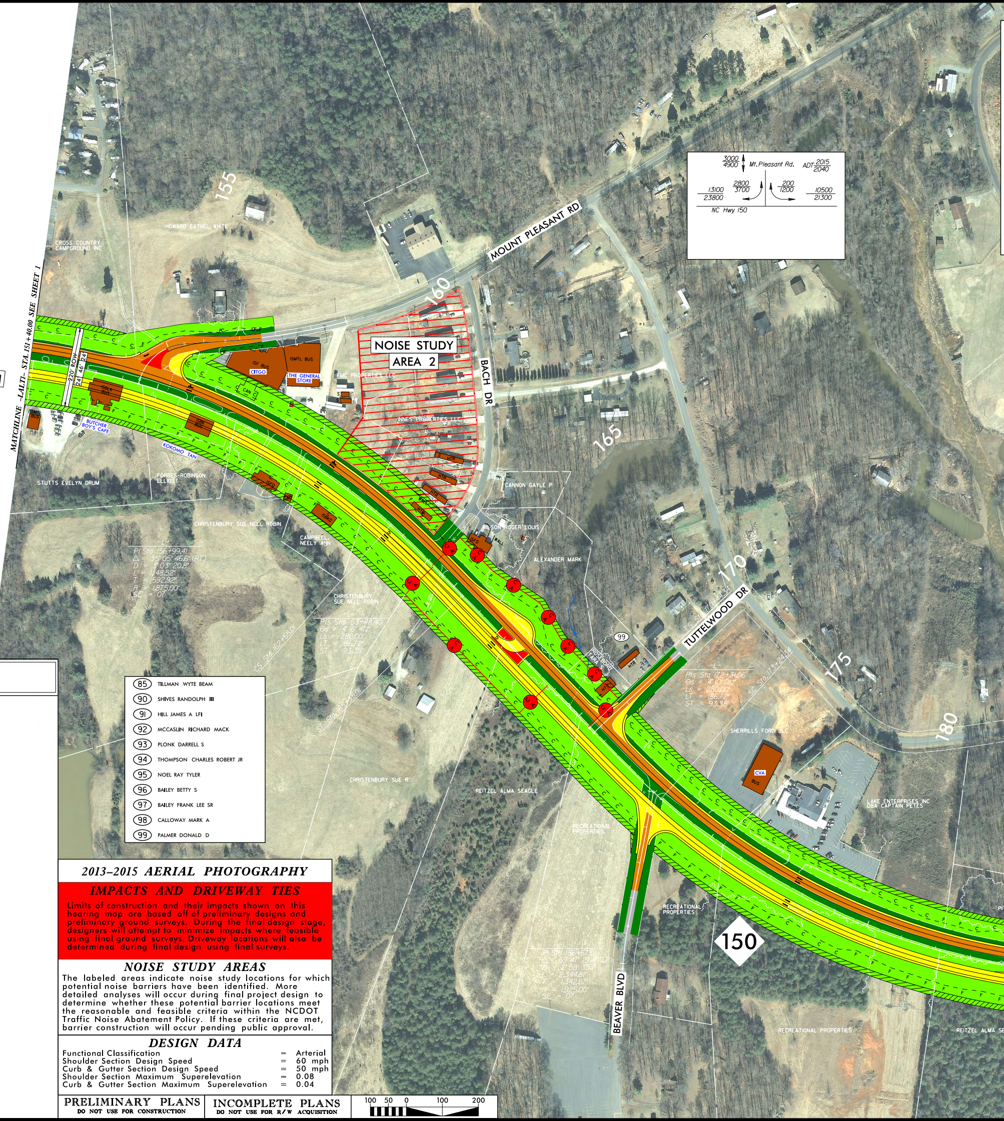
# COMBINED PUBLIC HEARING MAP
PROJECT TIP No. R-2307 FA STP-150(19)
PROJECT TIP No. I-5717 FA NHPP-077-1(221)37
PROPOSED NC 150 CORRIDOR IMPROVEMENTS
FROM NC 16 TO US 21
INCLUDING INTERCHANGE IMPROVEMENTS AT I-77
CATAWBA AND IREDELL COUNTIES, NORTH CAROLINA

AUGUST 2016
ALTERNATIVE 1 & 2
ROLL 2 OF 6

TO LINCOLNTON


MATCHLINE -LALTI- STA. 151+40.00 SEE SHEET 1
220' ROW
24'
46'
24'
155
160
165
170
175
180
CROSS COUNTRY CAMPGROUND INC
HOWARD EATHEL WHITE
MOUNT PLEASANT RD
ISF BUS
CITGO
ISMTL BUS
THE GENERAL STORE
CAN
FMC PROPERTIES LLC
NOISE STUDY AREA 2
INNES PROPERTIES LLC
BACH DR
ISBLK BUS
ISMTL BUS
BUTCHER BOY'S CAFE
ISBK BUS
KOKOMO TAN
STUTTS EVELYN DRUM
FORBES-ROBINSON ELLIOTT
ISFD
ISBKD
CHRISTENBURY SUE NELL ROBIN
CAMPBELL NEELY ANN
CHRISTENBURY SUE NELL ROBIN
HTR
WALL
CANNON GAYLE P
WILSON ROGER LOUIS
ALEXANDER MARK
-L-
PI Sta 156+99.41
Δ = 35°05' 46.6" (RT)
D = 3°03' 20.8"
L = 1148.52'
T = 592.92'
R = 1875.00'
SE = .07
-L-
PIs Sta 163+48.40
θs = 4°16' 41.1"
Ls = 280.00'
LT = 186.72'
ST = 93.38'
CS Sta. 162+55.01
ST Sta. 165+55.01
99
ROSEBORO TARA S
TUTTELWOOD DR
TS Sta. 170+44.34
-L-
PIs Sta 172+31.06
θs = 4°10' 01.1"
Ls = 280.00'
LT = 186.72'
ST = 93.38'
SC Sta. 173+24.34
SHERRILLS FORD LLC
CVA
BUS
RUINS
LAKE ENTERPRISES INC DBA CAPTAIN PETES
CHRISTENBURY SUE R
REITZEL ALMA SEAGLE
RECREATIONAL PROPERTIES
RECREATIONAL PROPERTIES
RECREATIONAL PROPERTIES
-L-
PI Sta 186+67.01
Δ = 69°47' 27.4" (LT)
D = 2°58' 35.1"
L = 2,344.81'
T = 1,342.67'
R = 1,925.00'
SE = .07
BEAVER BLVD
150
REITZEL ALMA SE
3000
4900
Mt. Pleasant Rd.
ADT 2015
2040
2800
3700
200
1200
13100
23800
10500
21300
NC Hwy 150

## LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, UTILITIES) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟪 | POTENTIAL MULTI-USE PATH |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| 🟪 | EXISTING UTILITY EASEMENT |
| ▨ | CEMETERIES |
| ● | PROPOSED CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 2015<br>2040 | PRESENT AVERAGE DAILY TRAFFIC<br>FUTURE ADVERAGE DAILY TRAFFIC |
| --- | PROPERTY LINES |
| HPB | HISTORIC PROPERTY BOUNDARY |
| HPB | HISTORIC PROPERTY IMPACTS |
| WLB | WETLAND LIMITS BOUNDARY |
| ▨ | NOISE STUDY AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| 🚦 | PROPOSED TRAFFIC SIGNAL |

| | |
|---|---|
| 85 | TILLMAN WYTE BEAM |
| 90 | SHIVES RANDOLPH III |
| 91 | HILL JAMES A LFI |
| 92 | MCCASLIN RICHARD MACK |
| 93 | PLONK DARRELL S |
| 94 | THOMPSON CHARLES ROBERT JR |
| 95 | NOEL RAY TYLER |
| 96 | BAILEY BETTY S |
| 97 | BAILEY FRANK LEE SR |
| 98 | CALLOWAY MARK A |
| 99 | PALMER DONALD D |

## 2013–2015 AERIAL PHOTOGRAPHY

## IMPACTS AND DRIVEWAY TIES

Limits of construction and their impacts shown on this hearing map are based off of preliminary designs and preliminary ground surveys. During the final design stage, designers will attempt to minimize impacts where feasible using final ground surveys. Driveway locations will also be determined during final design using final surveys.

## NOISE STUDY AREAS

The labeled areas indicate noise study locations for which potential noise barriers have been identified. More detailed analyses will occur during final project design to determine whether these potential barrier locations meet the reasonable and feasible criteria within the NCDOT Traffic Noise Abatement Policy. If these criteria are met, barrier construction will occur pending public approval.

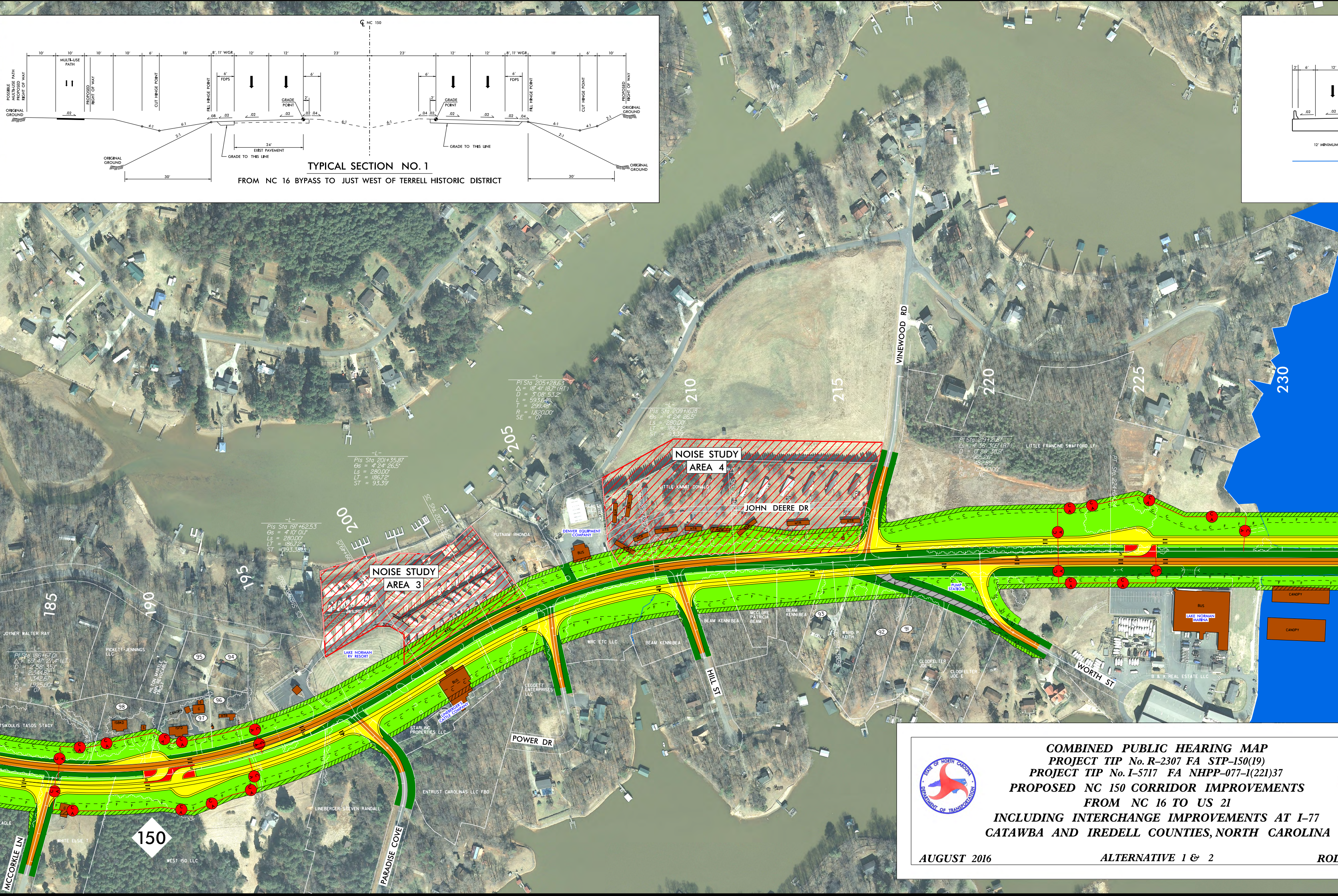
## DESIGN DATA

Functional Classification = Arterial
Shoulder Section Design Speed = 60 mph
Curb & Gutter Section Design Speed = 50 mph
Shoulder Section Maximum Superelevation = 0.08
Curb & Gutter Section Maximum Superelevation = 0.04

**PRELIMINARY PLANS**
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**
DO NOT USE FOR R/W ACQUISITION

100 50 0 100 200



℄ NC 150
10'
10'
MULTI-USE PATH
10'
10'
6'
18'
8', 11' W/GR
12'
12'
23'
23'
12'
12'
8', 11' W/GR
18'
6'
10'
POSSIBLE MULTI-USE PATH PROPOSED RIGHT OF WAY
PROPOSED RIGHT OF WAY
CUT HINGE POINT
FILL HINGE POINT
6' FDPS
GRADE POINT
2'
6'
ORIGINAL GROUND
.02
4:1
6:1
2:1
.08
.02
.04
24' EXIST PAVEMENT
GRADE TO THIS LINE
30'
6:1
NC 150
185
190
195
200
205
210
215
220
225
230
-L-
PI Sta 186+67.01
△ = 69° 47' 27.4" (LT)
D = 2° 58' 35.1"
L = 2,344.81'
T = 1,342.67'
R = 1,925.00'
SE = .07
-L-
PIs Sta 197+62.53
Θs = 4° 10' 01.1"
Ls = 280.00'
LT = 186.72'
ST = 93.38'
-L-
PIs Sta 201+35.87
Θs = 4° 24' 26.5"
Ls = 280.00'
LT = 186.72'
ST = 93.39'
-L-
PI Sta 205+28.63
△ = 18° 41' 18.7" (RT)
D = 3° 08' 53.2"
L = 593.64'
T = 299.48'
R = 1,820.00'
SE = .07
-L-
PIs Sta 209+16.18
Θs = 4° 24' 26.5"
Ls = 280.00'
LT = 186.72'
ST = 93.39'
-L-
PI Sta 219+21.87
△ = 4° 36' 31.6" (RT)
D = 0° 28' 38.9"
L = 965.26'
T = 482.89'
R = 12,000.00'
SE = NC
PT Sta. 224+04.24
CS Sta. 196+69.15
SC Sta. 202+29.15
NOISE STUDY AREA 3
NOISE STUDY AREA 4
JOHN DEERE DR
VINEWOOD RD
HILL ST
POWER DR
PARADISE COVE
WORTH ST
MCCORKLE LN
JOYNER WALTER RAY
PICKETT-JENNINGS LLC
HILTON MYRTLE ANN REVOCABLE TRUST
TSIKOULIS TASOS STACY
WEST 150 LLC
WHITE ELSIE T
LINEBERGER STEVEN RANDALL
ENTRUST CAROLINAS LLC FBO
STARLING PROPERTIES LLC
LINEBERGER'S CATTLE COMPANY
LAKE NORMAN RV RESORT
JWSJRD LLC
PUTNAM RHONDA
DENVER EQUIPMENT COMPANY
REALTY LLC
LITTLE KIMMIT DONALD
LITTLE FRANCINE SWAFFORD LFI
LEGGETT ENTERPRISES LLC
WRC ETC LLC
BEAM KENNIBEA
MCCLURE PATRICIA BEAM
WARD P KEITH
CLODFELTER JOE E
PUMP STATION
LAKE NORMAN MARINA
B & K REAL ESTATE LLC
CANOPY
BUS
HTR
ISBKD
ISFD
S
G
91
92
93
94
95
96
97
98
C A
12' MINIMUM

## TYPICAL SECTION NO. 1

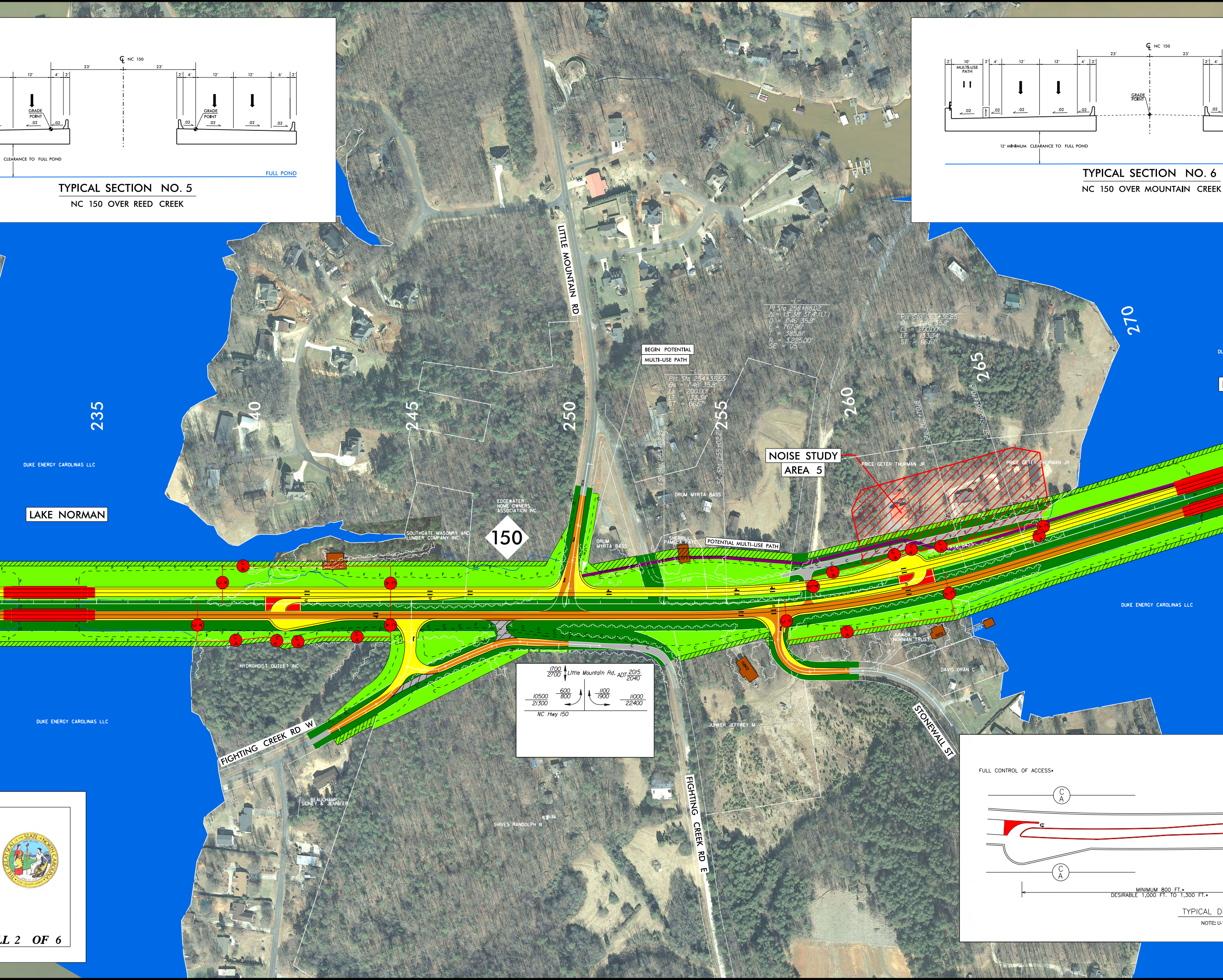
FROM NC 16 BYPASS TO JUST WEST OF TERRELL HISTORIC DISTRICT

# COMBINED PUBLIC HEARING MAP

PROJECT TIP No. R–2307 FA STP–150(19)
PROJECT TIP No. I–5717 FA NHPP–077–1(221)37

## PROPOSED NC 150 CORRIDOR IMPROVEMENTS
## FROM NC 16 TO US 21
## INCLUDING INTERCHANGE IMPROVEMENTS AT I–77
## CATAWBA AND IREDELL COUNTIES, NORTH CAROLINA

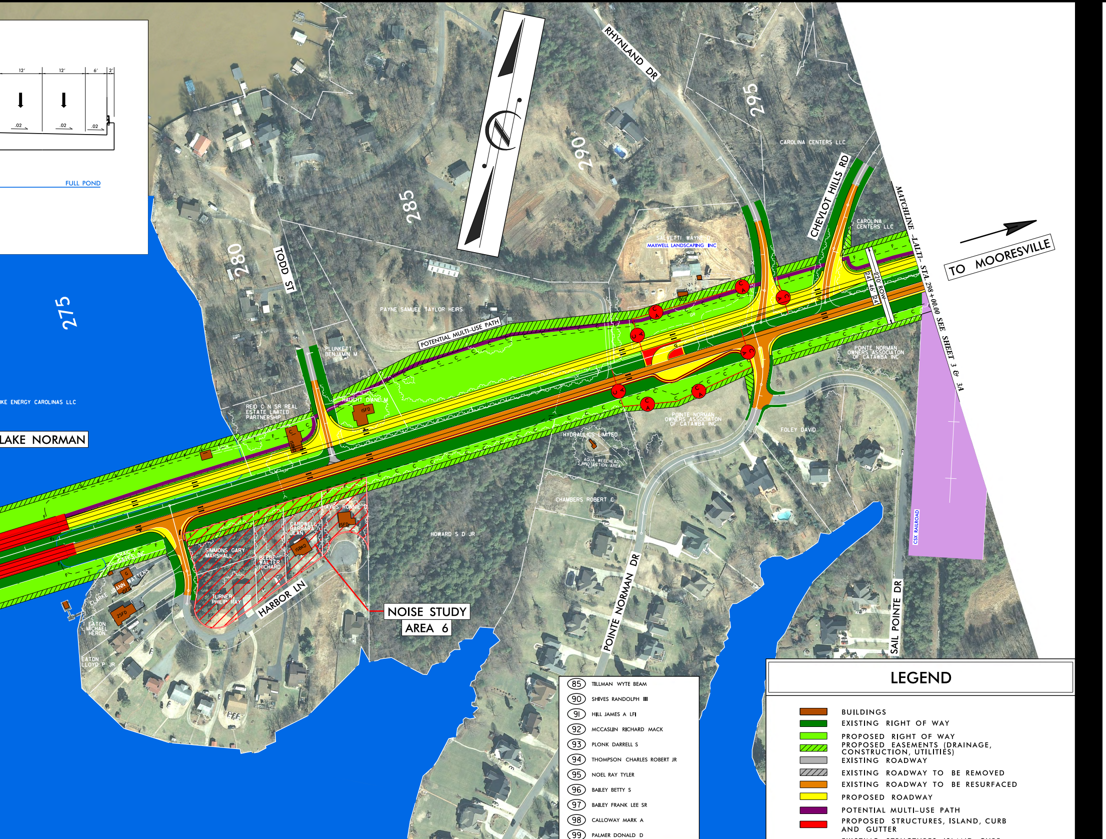
AUGUST 2016 ALTERNATIVE 1 & 2 ROD


TYPICAL SECTION NO. 5
NC 150 OVER REED CREEK
℄ NC 150
23'
12'
4'
2'
6'
GRADE POINT
.02
CLEARANCE TO FULL POND
FULL POND
TYPICAL SECTION NO. 6
NC 150 OVER MOUNTAIN CREEK
10'
MULTI-USE PATH
12' MINIMUM CLEARANCE TO FULL POND
LITTLE MOUNTAIN RD
235
240
245
250
255
260
265
270
DUKE ENERGY CAROLINAS LLC
LAKE NORMAN
SOUTHGATE MASONRY AND LUMBER COMPANY INC
EDGEWATER HOME OWNERS ASSOCIATION INC
150
DRUM MYRTA BASS
SHERRILL PAMELA FAYE
BEGIN POTENTIAL
MULTI-USE PATH
POTENTIAL MULTI-USE PATH
-L-
PIs Sta 254+35.55
Θs = 1° 46' 35.8"
Ls = 200.00'
LT = 133.34'
ST = 66.67'
-L-
PI Sta 258+88.02
Δ = 13° 38' 37.4" (LT)
D = 1° 46' 35.8"
L = 767.96'
T = 385.81'
R = 3,225.00'
SE = .05
-L-
PIs Sta 263+36.85
Θs = 1° 46' 35.8"
Ls = 200.00'
LT = 133.34'
ST = 66.67'
TS Sta. 253+02.21
SC Sta. 255+02.21
CS Sta. 262+70.18
ST Sta. 264+70.18
NOISE STUDY
AREA 5
PRICE GETER THURMAN JR
PRICE GETER THURMAN JR
HYDROHOIST OUTLET INC
FIGHTING CREEK RD W
FIGHTING CREEK RD E
STONEWALL ST
JUNKER R NORMAN TRUST
JUNKER JEFFREY M
DAVIS ORAN C
BEAUCHAMP SIDNEY & JENNIFER
SHIVES RANDOLPH III
C A
1700
2700
Little Mountain Rd.
ADT 2015
2040
600
800
1100
1900
10500
21300
11000
22400
NC Hwy 150
FULL CONTROL OF ACCESS*
MINIMUM 800 FT.*
DESIRABLE 1,000 FT. TO 1,300 FT.*
TYPICAL D
NOTE: U-
L 2 OF 6

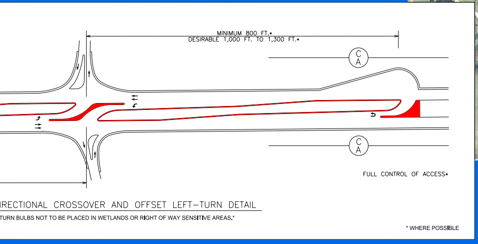
# COMBINED PUBLIC HEARING MAP

PROJECT TIP No. R-2307 FA STP-150(19)
PROJECT TIP No. I-5717 FA NHPP-077-1(221)37
PROPOSED NC 150 CORRIDOR IMPROVEMENTS
FROM NC 16 TO US 21
INCLUDING INTERCHANGE IMPROVEMENTS AT I-77
CATAWBA AND IREDELL COUNTIES, NORTH CAROLINA

AUGUST 2016
ALTERNATIVE 1 & 2
ROLL 2 OF 6


12'
12'
6'
2'
.02
.02
.02
FULL POND
275
280
285
290
295
LAKE NORMAN
KE ENERGY CAROLINAS LLC
TODD ST
RHYNLAND DR
CHEVLOT HILLS RD
POTENTIAL MULTI-USE PATH
PAYNE SAMUEL TAYLOR HEIRS
PLUNKETT BENJAMIN M
REID C N SR REAL ESTATE LIMITED PARTNERSHIP
HAUGHT DIANE M
SALVETTI WAYNE D
MAXWELL LANDSCAPING INC
CAROLINA CENTERS LLC
CAROLINA CENTERS LLC
220' ROW
24' 46' 24'
MATCHLINE -LALT1- STA. 298+00.00 SEE SHEET 3 & 3A
TO MOORESVILLE
POINTE NORMAN OWNERS ASSOCIATON OF CATAWBA INC
POINTE NORMAN OWNERS ASSOCIATON OF CATAWBA INC
FOLEY DAVID
HYDRAULICS LIMITED
AQUA WEELHEAD PROTECTION AREA
CHAMBERS ROBERT C
HOWARD S D JR
HAYES RONNIE C
CARDWELL BARBARA JEAN
SIMMONS GARY MARSHALL
BEEBE WALTER RICHARD
TURNER PHILIP RAY
CRAIG P GATES INC
CLARKE JOANN WATTERS
EATON MICHAEL HERON
EATON LLOYD P JR
HARBOR LN
NOISE STUDY AREA 6
POINTE NORMAN DR
SAIL POINTE DR
CSX RAILROAD
1SFD
1SBKD
2SFD
G
C
BUS
C A
100 50 0 100 200

| | |
|---|---|
| 85 | TILLMAN WYTE BEAM |
| 90 | SHIVES RANDOLPH III |
| 91 | HILL JAMES A LFI |
| 92 | MCCASLIN RICHARD MACK |
| 93 | PLONK DARRELL S |
| 94 | THOMPSON CHARLES ROBERT JR |
| 95 | NOEL RAY TYLER |
| 96 | BAILEY BETTY S |
| 97 | BAILEY FRANK LEE SR |
| 98 | CALLOWAY MARK A |
| 99 | PALMER DONALD D |


MINIMUM 800 FT.*
DESIRABLE 1,000 FT. TO 1,300 FT.*
C A
C A
FULL CONTROL OF ACCESS*

IRECTIONAL CROSSOVER AND OFFSET LEFT–TURN DETAIL

TURN BULBS NOT TO BE PLACED IN WETLANDS OR RIGHT OF WAY SENSITIVE AREAS.*

* WHERE POSSIBLE

## *2013–2015 AERIAL PHOTOGRAPHY*

## *IMPACTS AND DRIVEWAY TIES*

Limits of construction and their impacts shown on this hearing map are based off of preliminary designs and preliminary ground surveys. During the final design stage, designers will attempt to minimize impacts where feasible using final ground surveys. Driveway locations will also be determined during final design using final surveys.

## *NOISE STUDY AREAS*

The labeled areas indicate noise study locations for which potential noise barriers have been identified. More detailed analyses will occur during final project design to determine whether these potential barrier locations meet the reasonable and feasible criteria within the NCDOT Traffic Noise Abatement Policy. If these criteria are met, barrier construction will occur pending public approval.

## *DESIGN DATA*

Functional Classification = Arterial
Shoulder Section Design Speed = 60 mph
Curb & Gutter Section Design Speed = 50 mph
Shoulder Section Maximum Superelevation = 0.08
Curb & Gutter Section Maximum Superelevation = 0.04

**INCOMPLETE PLANS**
DO NOT USE FOR R/W ACQUISITION

**PRELIMINARY PLANS**
DO NOT USE FOR CONSTRUCTION

## LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, UTILITIES) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟪 | POTENTIAL MULTI-USE PATH |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| 🟪 | EXISTING UTILITY EASEMENT |
| ▨ | CEMETERIES |
| ● | PROPOSED CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 2015<br>2040 | PRESENT AVERAGE DAILY TRAFFIC<br>FUTURE ADVERAGE DAILY TRAFFIC |
| — | PROPERTY LINES |
| HPB | HISTORIC PROPERTY BOUNDARY |
| HPB | HISTORIC PROPERTY IMPACTS |
| WLB | WETLAND LIMITS BOUNDARY |
| ▨ | NOISE STUDY AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| 🚦 | PROPOSED TRAFFIC SIGNAL |