DESIGN PUBLIC MEETING MAP

PROJECT 39019.1.1 (U-3467)

F.A. PROJECT STP-1316(10)

NC 84

NC 16 TO SR 1008 (WAXHAW-INDIAN TRAIL ROAD) IN WESLEY CHAPEL
UNION COUNTY

PREFERRED ALTERNATE CA2

ROLL 3 OF 3

JUNE 2017

U-3467 DESIGN DATA		
Functional Class.	=	Major Collector
Design Speed	=	50 mph
Max. Superelev.	=	0.04

NC ONEMAP PHOTO

Download Date: SPRING 2017

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

ENGLISH SCALE

NAD 83

NOTE:
Full Control of Access is defined as a connection to a facility provided only via ramps at interchanges. All cross-streets are grade-separated. No private driveway connections allowed.

~LBSHIFT~
PI Sta 26+78.84
Δ = 12°51'35.8" (LT)
D = 2°50'07.2"
L = 511.86
T = 255.70
R = 2,290.00'

~LB~
PI Sta 220+83.64
Δ = 7°20'40.5" (RT)
D = 2°50'07.2"
L = 293.53
T = 146.98
R = 2,290.00'

PI Sta 255+39.15
Δ = 37°06'40.3" (LT)
D = 2°50'07.2"
L = 1,275.77
T = 653.56
R = 2,154.45'

PROPOSED TYPICAL SECTION ~CA2~

TOWN OF WEDDINGTON
UNINCORPORATED UNION COUNTY

POWER EASEMENT

UNINCORPORATED UNION COUNTY
VILLAGE OF WESLEY CHAPEL

VILLAGE OF WESLEY CHAPEL
UNINCORPORATED UNION COUNTY

MATCHLINE SHEET 2 OF 3
~LBSHIFT STA. 185+40.00

Wesley Chapel Weddington Athletic Association

All Nations Christian Fellowship

Weddington Optimist Park

Southbrook Community Church

~CA2~ (NC 84) Weddington Rd

84

Sherman Woods Ln

DOGWOOD PARK

75' SETBACK

~CA2~ (NC 84) Weddington Rd

Village Commons Shopping Center

Harris Teeter

Wells Fargo

CVS

Shell Gas Station

Chick-Fil-A

Hickory Tavern

TCBY

Radio Shack

Target

Village Commons Shopping Center

Siler Presbyterian Recreation Park

Siler Presbyterian Church

~CA2~ (NC 84) Weddington Rd

Hardwood Dr

Linden Glen Dr

Golden Rain Dr

Stable Trail Ct

LINDENWOOD HOMEOWNERS

END TIP PROJECT U-3467
~LB~ STA. 260+85.00

TO MONROE

HARRIS TEETER 201 CENTRAL

Shops At Wesley Chapel Shopping Center

McDonalds

Bank of America

Walgreens

Ivy Hill Ln

Wesley Chapel Stallings Rd

~Y21~ SR 1008 (Waxhaw-Indian Trail Rd)

~Y20~ SR 1008 (Waxhaw-Indian Trail Rd)

VILLAGE OF WESLEY CHAPEL
UNINCORPORATED UNION COUNTY

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB & GUTTER
- LAKES, RIVER, STREAMS AND PONDS
- EXISTING UTILITY EASEMENT
- PRESENT ADT / FUTURE ADT
- CONTROL OF ACCESS
- PROPERTY LINES
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL
- —WLB— WETLAND LIMITS BOUNDARY
- —W— WETLAND
- —JS— JURISDICTIONAL STREAM

* The need for right turn lanes is dependent on the amount of traffic and is subject to change

FULL CONTROL OF ACCESS WHERE POSSIBLE

800' - 1000'

DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

U-TURN KNUCKLES NOT TO BE PLACED IN WETLANDS OR RIGHT OF WAY SENSITIVE AREAS

~Y14~
PI Sta 31+36.24
Δ = 12°16'46.5" (RT)
D = 17°29'36.9"
L = 113.21
T = 56.74
R = 328.00'

PI Sta 14+25.56
Δ = 16°05'04.8" (RT)
D = 22°32'30.4"
L = 61.40
T = 30.91
R = 243.68'

PI Sta 14+53.59
Δ = 14°05'04.8" (RT)
D = 22°32'30.4"
L = 54.64
T = 27.49
R = 243.68'

PI Sta 11+62.29
Δ = 42°32'10.2" (LT)
D = 12°52'05.8"
L = 116.00
T = 60.84
R = 250.00'

~Y15S~
PI Sta 13+76.23
Δ = 12°16'46.5" (LT)
D = 7°09'43.4"
L = 406.69
T = 207.64
R = 800.00'

~Y20~
PI Sta 9+16.33
Δ = 7°20'40.5" (RT)
D = 12°06'35.9"
L = 93.70
T = 46.94
R = 520.00'

~Y21~
PI Sta 14+72.29
Δ = 37°06'40.3" (LT)
D = 12°52'05.8"
L = 550.54
T = 285.64
R = 1,575.00'

PROPOSED TYPICAL SECTION ~Y20~

PROPOSED TYPICAL SECTION ~Y21~

TRAFFIC DIAGRAM (BUILD)

ADT 2017
ADT 2035

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