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

–L–

PI Sta 26+78.84
Δ = 12° 51' 26.2" (LT)
D = 2° 50' 07.2"
L = 511.86'
T = 255.05'
R = 2,290.00'

PI Sta 220+83.64
Δ = 7° 20' 40.5" (RT)
D = 2° 50' 07.2"
L = 206.53'
T = 146.58'
R = 2,290.00'

PI Sta 255+39.15
Δ = 37° 06' 41.3" (LT)
D = 2° 26' 10.2"
L = 1,271.57'
T = 653.50'
R = 2,354.05'

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.

PROPOSED TYPICAL SECTION –CA2–

–Y14–

PI Sta 31+36.41
Δ = 12° 36' 19.4" (LT)
D = 17° 29' 06.3"
L = 113.21'
T = 56.84'
R = 328.00'

PI Sta 14+55.59
Δ = 14° 05' 59.4" (RT)
D = 7° 30' 42.2"
L = 187.40'
T = 93.87'
R = 763.69'

PI Sta 11+62.29
Δ = 42° 20' 13.2" (LT)
D = 12° 50' 05.9"
L = 176.00'
T = 91.73'
R = 446.00'

–Y15SHIFT–

PI Sta 31+76.53
Δ = 12° 36' 19.4" (LT)
D = 7° 09' 43.1"
L = 406.69'
T = 207.84'
R = 800.00'

–Y20–

PI Sta 9+16.33
Δ = 14° 05' 59.4" (RT)
D = 12° 00' 06.5"
L = 117.15'
T = 58.84'
R = 520.00'

–Y21–

PI Sta 14+72.29
Δ = 42° 20' 13.2" (LT)
D = 12° 50' 05.9"
L = 550.54'
T = 279.54'
R = 1,575.00'

NOTE:
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PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

ENGLISH SCALE

NAD 83

MATCHLINE SHEET 2 OF 3
–LSHIFT STA. 185+40.00

TOWN OF WEDDINGTON
UNINCORPORATED UNION COUNTY

POWER EASEMENT

Wesley Chapel Weddington Athletic Association

All Nations Christian Fellowship

Weddington Optimist Park

Southbrook Community Church

–CA2– (NC 84) Weddington Rd

Sherman Woods Ln

PROPOSED 201.32' RISE

BEGIN CONTROL ACCESS –LSHIFT– STA.90+91.94

END CONTROL ACCESS –LSHIFT– STA.93+10.08

BEGIN CONTROL ACCESS –LSHIFT– STA.21+72.30

END CONTROL ACCESS –LSHIFT– STA.24+62.01

BEGIN CONSTRUCTION –Y15SHIFT– STA.11+50.00

BEGIN CONTROL ACCESS –LSHIFT– STA.83+40.89

END CONTROL ACCESS –LSHIFT– STA.86+53.06

DOGWOOD PARK

75' SETBACK

–Y16– PVT –SR 1008 (Weddington Rd)

–Y16– PVT –SR 1008 (Weddington Rd) = –LSHIFT– PVT –SR 1008 (Weddington Rd)

END CONSTRUCTION –Y16– STA.6+25.00

VILLAGE OF WESLEY CHAPEL
UNINCORPORATED UNION COUNTY

UNINCORPORATED UNION COUNTY
VILLAGE OF WESLEY CHAPEL

Ivy Hill Ln

–Y15– Potter Dairy Rd

–Y14– PVT –SR 1349 (Antioch Church Rd)

–Y20– PVT –SR 1008 (Weddington Rd)

–Y21– PVT –SR 1008 (Weddington Rd)

END CONSTRUCTION –Y20– STA.0+00.00

BEGIN CONSTRUCTION –Y21– STA.0+48.00

HARRIS TEETER 201 CENTRAL

Shops At Wesley Chapel Shopping Center

McDonalds

Bank of America

Walgreens

Village Commons Shopping Center

Wells Fargo

CVS

Shell Gas Station

Harris Teeter

TCBY

Radio Shack

Target

Chick-Fil-A

Hickory Tavern

Siler Presbyterian Recreation Park

Siler Presbyterian Church

Linden Glen Dr

Golden Rain Dr

Hardwood Dr

Stallie Town Ct

END TIP PROJECT U-3467
–L– STA. 260+85.00

TO MONROE

LINDENWOOD HOMEOWNERS

BLACKSTONE HOMEOWNERS ASSOCIATION

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
- 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

PROPOSED TYPICAL SECTION –Y20–

PROPOSED TYPICAL SECTION –Y21–

TRAFFIC DIAGRAM (BUILD)

ADT 2017
ADT 2035

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