PUBLIC MEETING MAP

TIP NOS. U-5771 AND U-5767

MECKLENBURG COUNTY

U.S. 21 WIDENING FROM

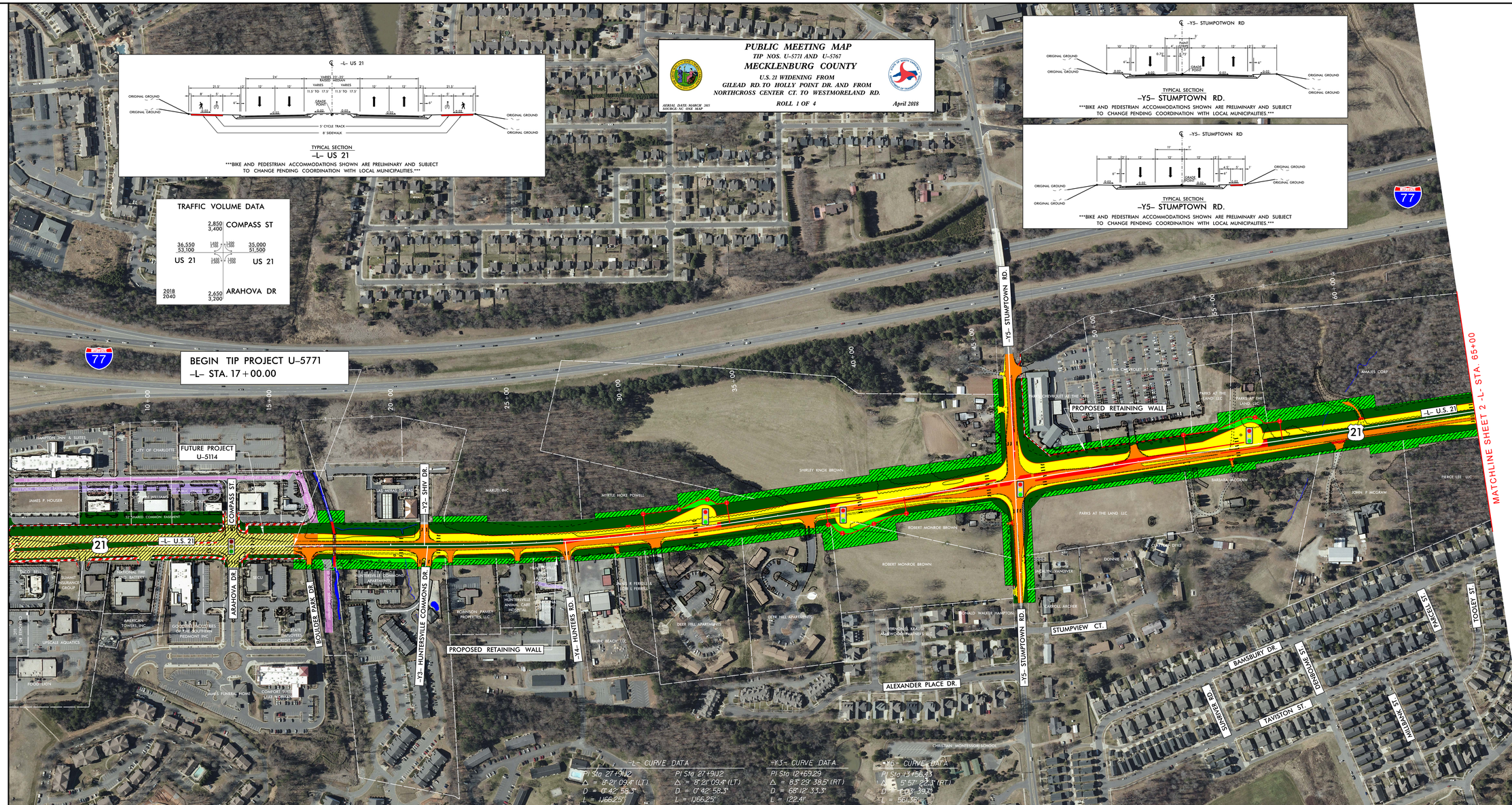
GILEAD RD. TO HOLLY POINT DR. AND FROM

NORTHCROSS CENTER CT. TO WESTMORELAND RD.

ROLL 1 OF 4

April 2018

AERIAL DATE: MARCH 2015
SOURCE: NC ONE MAP



TYPICAL SECTION
-L- US 21

BIKE AND PEDESTRIAN ACCOMMODATIONS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE PENDING COORDINATION WITH LOCAL MUNICIPALITIES.

TYPICAL SECTION
-Y5- STUMPTOWN RD.

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TRAFFIC VOLUME DATA

	2,850 / 3,400	COMPASS ST
36,550 / 53,100	1,400 / 1,400 — 1,300 / 1,300	35,000 / 51,500
US 21	1,800 / 1,800 — 1,800 / 1,800	US 21
2018 / 2040	2,650 / 3,200	ARAHOVA DR

-L- CURVE DATA

PI Sta 27+91.42
Δ = 8°21' 09.4" (LT)
D = 0°42' 58.3"
L = 1,166.25'
T = 584.16'
R = 8,000.00'
V = 50 mph
SE = NC

-Y3- CURVE DATA

PI Sta 12+69.29
Δ = 83°29' 38.5" (RT)
D = 68°12' 33.3"
L = 122.41'
T = 74.97'
R = 84.00'

-Y5- CURVE DATA

PI Sta 13+56.33
Δ = 5°57' 22.3" (RT)
D = 1°03' 39.3"
L = 561.36'
T = 280.93'
R = 5,400.00'
V = 50 mph
SE = RC

LEGEND

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING UTILITY EASEMENT
- EXISTING DRAINAGE EASEMENT
- EXISTING DMS CONSERVATION EASEMENT
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- FUTURE ROADWAY
- PROPOSED STRUCTURES, ISLAND, SIDEWALK, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, SIDEWALK CURB AND GUTTER TO BE RETAINED
- EXISTING STRUCTURES, ISLAND, SIDEWALK CURB AND GUTTER TO BE REMOVED
- LAKES, RIVERS, STREAMS AND PONDS
- 0000 PRESENT ADT / 0000 FUTURE ADT
- PROPERTY LINES
- CITY OR TOWNSHIP LIMITS
- PROPOSED CONTROL OF ACCESS
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MAP ARE BASED ON PRELIMINARY DESIGN. THESE LIMITS ARE PRELIMINARY GROUND SURVEYS DURING THE FINAL DESIGN STAGE MAY CHANGE THE LIMITS SHOWN. ADDITIONAL RIGHT OF WAY USING FINAL GROUND SURVEYS. DRIVEWAY LOCATIONS WILL ALSO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.

UTILITY INFORMATION

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

DESIGN DATA		
Functional Class.	=	Urban Arterial
Design Speed	=	50 mph
Max. Superelev.	=	0.04

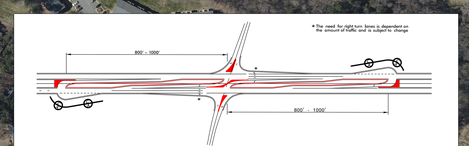
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

SCALE
50' 0' 50' 100' 200'

TRAFFIC VOLUME DATA

	1,650 / 2,000	SHIV DR
35,800 / 51,800	800 / 800 — 800 / 800	36,000 / 52,000
US 21	800 / 800 — 800 / 800	US 21
2018 / 2040	1,050 / 1,200	HUNTERSVILLE COMMONS DR



DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

NOTE: U-TURN BULBS NOT TO BE PLACED IN WETLANDS OR RIGHT OF WAY SENSITIVE AREAS.

TRAFFIC VOLUME DATA

	13,350 / 15,900	STUMPTOWN RD
34,400 / 48,400	6,900 / 7,600 — 6,500 / 7,500	28,400 / 36,800
US 21	8,200 / 9,300 — 8,300 / 9,800	US 21
2018 / 2040	8,100 / 11,100	STUMPTOWN RD

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RS&H