PUBLIC MEETING MAP

TIP NOS. U-5771 AND U-5767

MECKLENBURG COUNTY

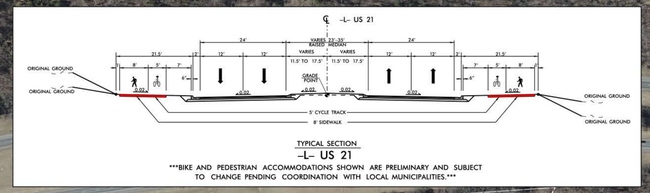
U.S. 21 WIDENING FROM GILEAD RD. TO HOLLY POINT DR. AND FROM NORTHCROSS CENTER CT. TO WESTMORELAND RD.

ROLL 4 OF 4

April 2018

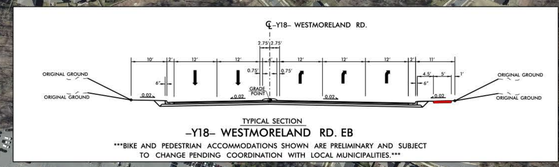
AERIAL DATE: MARCH 2015
SOURCE: NC ONE MAP

RS&H



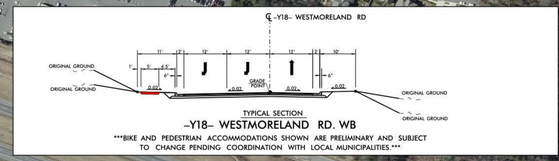
TYPICAL SECTION
-L- US 21

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



TYPICAL SECTION
-Y18- WESTMORELAND RD. EB

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



TYPICAL SECTION
-Y18- WESTMORELAND RD. WB

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

PROPOSED WESTMORELAND RD. MULTI-USE PATH (EB-5777 TOWN OF CORNELIUS)

PROPOSED RETAINING WALL

END TIP PROJECT U-5767
-L- STA. 223+25.00

MATCHLINE SHEET 3 -L- STA. 178+00

PROPOSED WESTMORELAND RD. MULTI-USE PATH (EB-5777 TOWN OF CORNELIUS)

PROPOSED RETAINING WALL

-L- CURVE DATA

PI Sta 199+79.55
D = 2°56'54.8" (RT)
D = 0°47'45.2"
L = 375.64
T = 187.86
R = 1,200.00'
V = 50 mph
SE = NC

PI Sta 203+66.01
D = 3°07'04.5" (LT)
D = 0°47'09.5"
L = 397.25
T = 198.68
R = 1,800.00'
V = 50 mph
SE = NC

-Y18- CURVE DATA

PI Sta 12+93.20
D = 5°13'15.8" (RT)
D = 30.3°
L = 501.16
T = 250.76
R = 1,100.00'
V = 50 mph
SE = RC

PI Sta 17+70.86
D = 1°22'02.1" (RT)
D = 3°34'22.2"
L = 238.63
T = 119.37
R = 4,000.00'
V = 50 mph
SE = NC

PI Sta 20+17.88
D = 5°50'32.6" (RT)
D = 6°11'05.8"
L = 94.42
T = 47.25
R = 980.00'
V = 50 mph
SE = 04

PI Sta 22+68.30
D = 6°05'01.3" (LT)
D = 6°11'05.8"
L = 98.41
T = 49.25
R = 945.00'
V = 50 mph
SE = 04

TRAFFIC VOLUME DATA

29,950 / 34,700		25,550 / 30,300
US 21		US 21
2018 / 2040	6,650 / 9,200	EXISTING BAILEY RD

TRAFFIC VOLUME DATA

16,100 / 21,400		WESTMORELAND RD
25,550 / 30,300	1,200 / 1,200	14,800 / 20,000
US 21		US 21
2018 / 2040	7,050 / 9,500	WESTMORELAND RD

DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

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

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MAP ARE PRELIMINARY AND SUBJECT TO CHANGE. ADDITIONAL PRELIMINARY GROUND SURVEYS, DURING THE FINAL DESIGN STAGE, DESIGNERS WILL ATTEMPT TO MINIMIZE IMPACTS WHERE FEASIBLE. ALL DRIVEWAY CONNECTIONS SHOWN ON THESE MAPS ARE SUBJECT TO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.

UTILITY INFORMATION

TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITY EASEMENTS ARE NOT SHOWN ON THESE MAPS. THE SURVEY DATA THAT SUPPLIES THE UTILITY INFORMATION SHOWN ON THESE MAPS IS UTILITY EASEMENTS THE DESIGNS SHOWN ON THESE MAPS, INCLUDING EASEMENTS, ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

DESIGN DATA

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

PRELIMINARY PLANS
NOT FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR BIDDING

SCALE

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 / 0000 PRESENT ADT / FUTURE ADT
- PROPERTY LINES
- CITY OR TOWNSHIP LIMITS
- PROPOSED CONTROL OF ACCESS
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL

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 4 OF 4
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