DESIGN PUBLIC MEETING MAP

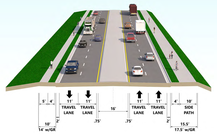
TIP NO. U-5307
WBS: 47027.1.1 F.A: NHS-0001(138)
WAKE COUNTY
U.S. 1
FROM INTERSTATE 540 TO
PURNELL RD. (S.R. 1909) /HARRIS RD. (S.R. 1931)
UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY *December 2021*
GRESHAM LAKE ROAD EXTENSION BETTERMENT OPTION 3

DESIGN DATA		
Functional Class.	=	Freeway
Design Speed	=	70 mph
Max. Superelev.	=	0.08

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS

SCALE
100' 0' 100' 200'
50'

AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP



-Y9C- GRESHAM LAKE ROAD

NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS CONNECTIONS TO A FACILITY PROVIDED ONLY AT INTERCHANGES OR SPECIAL INTERSECTIONS AT GRADE AND AT PROPERLY DESIGNED CONSTRUCTION AND ACCESS.

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MAPPING ARE BASED ON CONCEPTUAL DESIGN. ACCESSES TO THE PROPERTY LISTED BELOW ARE SUBJECT TO CHANGE DUE TO THE DESIGN, TRAFFIC OPERATIONS, AND SAFETY CONSIDERATIONS. THE FINAL DESIGN WILL DETERMINE WHETHER DRIVEWAY OPERATIONS WILL BE ALLOWED AS SHOWN OR RESTRICTED TO RIGHT IN/RIGHT OUT.

UTILITY INFORMATION

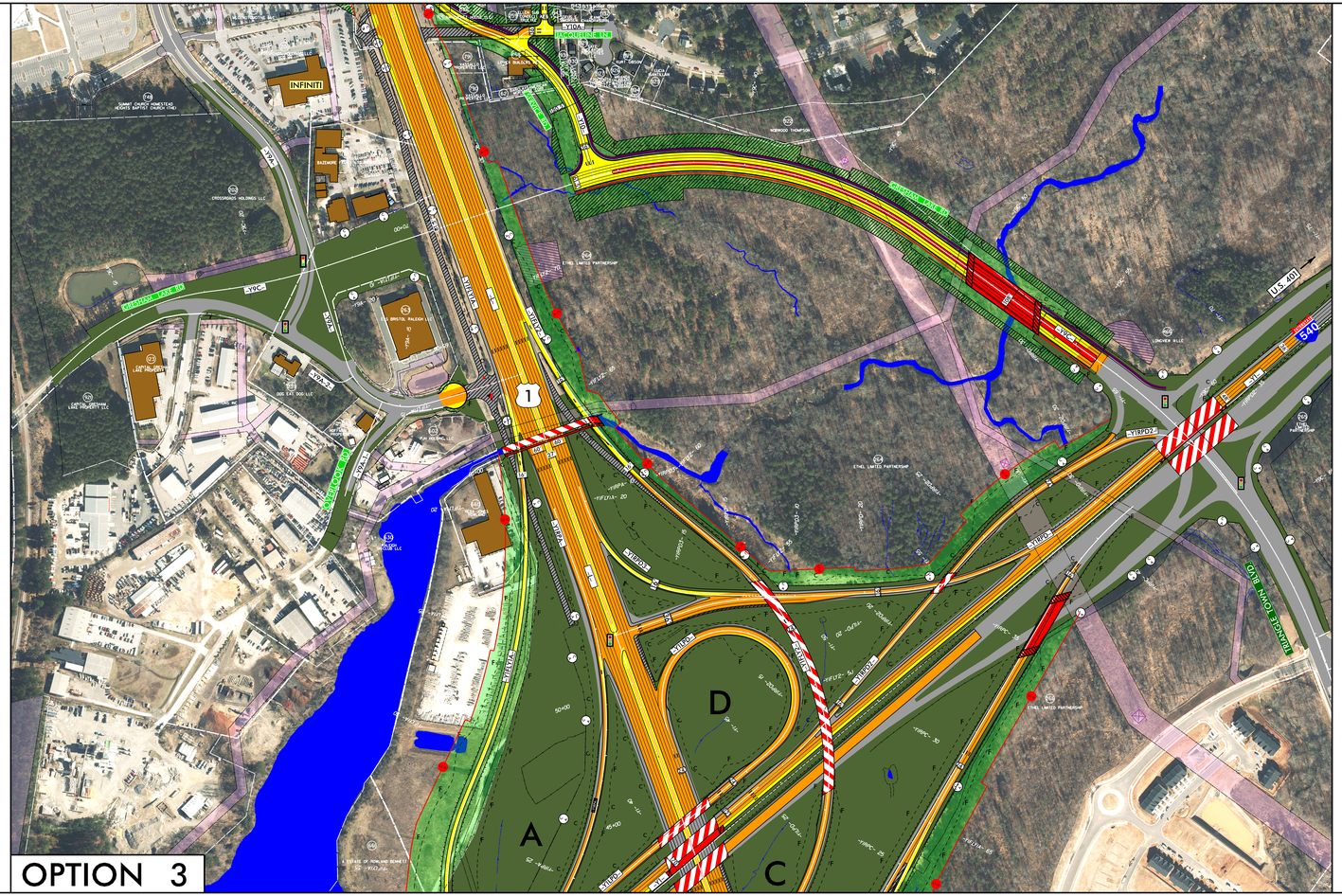
TO PROVIDE GREATER WIDTH, CLEARER MARKING AND PROVIDED SPACE FOR UTILITIES, THE PROJECT WILL USE 2 FOOT WIDE PAVED SHOULDERS. THE UTILITY INFORMATION SHOWN ON THESE MAPS IS BASED ON UTILITY MAPPING PROVIDED BY THE TOWN OF WAKE FOREST. UTILITY LOCATIONS ARE SUBJECT TO CHANGE.

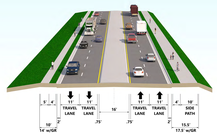
THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF RALEIGH AND TOWN OF WAKE FOREST.

RETIREMENTS ARE CONTEMPLATED ON MUNICIPAL STREETS WITHIN THE TOWN OF WAKE FOREST. RETIREMENTS ARE NOT LIMITED TO: CROSSWALK SIGNALS, SIGNAL POLE MATERIAL, AND OPTIONAL ROAD IMPROVEMENTS.

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
- TEMPORARY ROADWAY (DETOURS)
- FUTURE ROADWAY
- EXISTING STRUCTURES, ISLAND, SIDEWALK, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, SIDEWALK, CURB AND GUTTER TO BE RETAINED
- EXISTING STRUCTURES TO BE REMOVED
- LAKES, RIVER, STREAMS AND PONDS
- RAILROAD RIGHT OF WAY
- EXISTING UTILITY EASEMENT
- CEMETERIES
- WETLANDS
- PROPOSED SIDEPATH/GREENWAY
- HISTORIC PROPERTY BOUNDARY
- PARKS
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- PRESENT ADT
- FUTURE ADT
- PROPERTY LINES
- CITY AND TOWN LINES
- COUNTY LINES
- EXISTING TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL TO BE REMOVED
- PROPOSED TRAFFIC SIGNAL
- TRANSMISSION TOWER





-Y9C- GRESHAM LAKE ROAD

TRAFFIC VOLUME DATA				
GRESHAM RD. EXT.			10,700 / 10,700	
		800 / 800		
		10,900 / 10,900	ACCESS ROAD	
GRESHAM RD. EXT.			10,700 / 10,700	
				2020 / 2040

TRAFFIC VOLUME DATA				
GRESHAM RD. EXT.			10,700 / 10,700	
	77,860 / 119,500	2,700 / 2,700	80,560 / 119,500	
I-540		8,900 / 10,900	89,460 / 130,400	I-540
TRIANGLE TOWN BLVD.		12,100 / 12,100		
				2020 / 2040

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