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 4

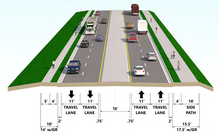
DESIGN DATA

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

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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 FREEWAY WITH PRIORITY GIVEN TO THROUGH TRAFFIC BY CONSTRUCTING INTERCHANGES AT PRIMARY ROADWAYS, CONSIDERING ENGINEERING FOR OTHER REASONS, CONVENIENCE AND ECONOMY.

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MAP ARE BASED ON CONCEPTUAL DESIGN. ADDITIONAL RIGHT OF WAY, DRIVEWAY IMPACTS, SLOPES, DITCHES, AND OTHER DETAILS WILL BE DETERMINED DURING FUTURE DESIGN STAGES. THESE DETAILS WILL DETERMINE FINAL INCLUSION, IMPACTS, DRIVEWAY LOCATIONS AND PLACEMENT OF SIDEWALK, BIKE LANES, AND OTHER FACILITIES.

UTILITY INFORMATION

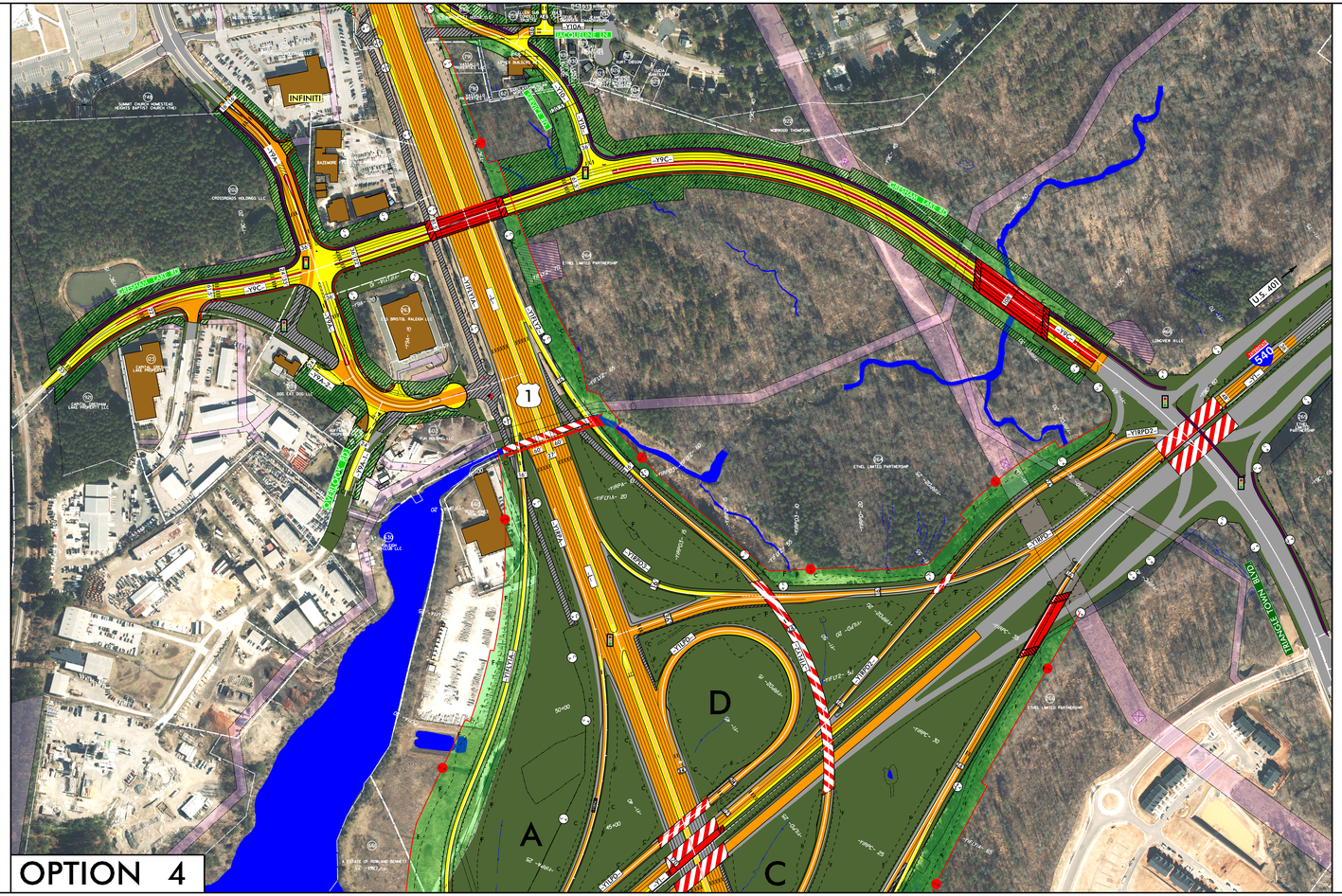
TO PROVIDE GREATER RESULT, PLANNED BUILDING AND PROPOSED UTILITIES WITHIN THE PROJECT AREA WERE SHOWN. THE LOCATIONS OF UTILITIES INFORMATION SHOWN ON THESE MAPS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE LOCATIONS OF MAJOR EXISTING AND PROPOSED UTILITIES WITHIN THE PROJECT AREA WERE SHOWN. THE LOCATIONS OF UTILITIES ARE APPROXIMATE AND SUBJECT TO CHANGE.

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

BETTERMENTS ARE CONTAINED ON MUNICIPAL PROPERTY. BETTERMENTS ARE DEFINED AS ITEMS NOT LIMITED TO: SIDEWALK, BIKEWAY, LIGHTING, 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



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-Y9C- GRESHAM LAKE ROAD

TRAFFIC VOLUME DATA

GRESHAM RD. EXT.		10,700		
	800		800	
		11,500		11,500
	10,500	ACCESS ROAD		
GRESHAM RD. EXT.		39,500		2020 / 2040

TRAFFIC VOLUME DATA

GRESHAM RD. EXT.		10,700		
		13,500		
77,860 / 114,500	2,700		2,700	80,560 / 117,500
I-540	8,500 / 12,500		8,500 / 12,500	I-540
TRIANGLE TOWN BLVD.		18,500 / 18,500		2020 / 2040

DESIGN DATA

Functional Class.	=	Freeway
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Max. Superelev.	=	0.08

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