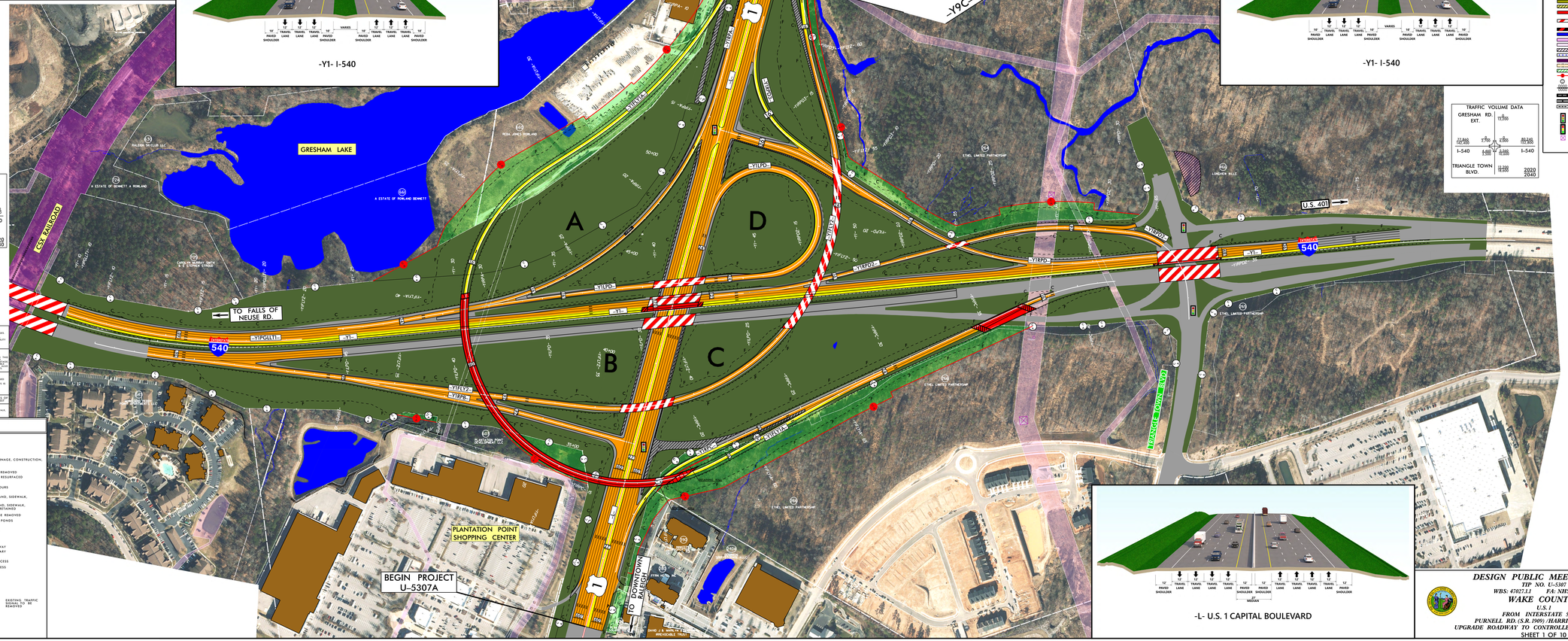
DESIGN PUBLIC MEETING MAP

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
SHEET 1 OF 10
December 2021



DESIGN DATA

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

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
NOT FOR BID OR RIGHT OF WAY PURPOSES

SCALE
100' 0' 100' 200'
50'

AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP

TRAFFIC VOLUME DATA

U.S. 1	63,500 / 65,000			
42,000 / 42,500	19,400 / 19,500	2,000 / 2,000	22,700 / 22,800	
I-540	18,200 / 18,300	4,400 / 4,500	I-540	
U.S. 1	61,800 / 62,000			2020 / 2040

NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS CONNECTIONS, INTERCHANGES, GRADE SEPARATIONS, AND RAMPS WILL BE PROVIDED AT ALL CROSSROADS AND GRADED DRIVEWAYS WILL BE PROVIDED ONLY BY PERMIT. ALL OTHER ACCESS WILL BE DENIED. THE LOCATIONS SHOWN ON THE PLANS FOR INTERCHANGES, GRADE SEPARATIONS, RAMPS, AND GRADED DRIVEWAYS ARE CONSIDERED TO BE IN THE APPROXIMATE LOCATION UNTIL FINAL DESIGN IS COMPLETED.

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THE DRAWINGS ARE BASED ONLY ON PRELIMINARY DESIGNS AND ARE SUBJECT TO CHANGE. ADDITIONAL IMPACTS WILL OCCUR DURING FINAL DESIGN. THESE IMPACTS INCLUDE, BUT ARE NOT LIMITED TO, SLOPES, DITCHES, SIDEWALKS, DRIVEWAYS, UTILITIES, ETC. ALL IMPACTS WILL BE EVALUATED DURING FINAL DESIGN AND ADDRESSED PRIOR TO CONSTRUCTION.

UTILITY INFORMATION

TO PROVIDE GOOD QUALITY UTILITY INFORMATION AND PROPERLY LOCATED AND NOT SHOWN ON THESE MAPS ON THE STREET SIDE OF THE PROPERTY LINE, THE UTILITIES WILL BE SHOWN ON THE PROPERTY LINE. THE ACTUAL LOCATION OF THE UTILITIES WILL BE DETERMINED DURING FINAL DESIGN AND ADDRESSED PRIOR TO CONSTRUCTION.

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

REFERENCES ARE CONTAINED ON MUNICIPAL AGREEMENTS, ROADWAY PLANS, PROJECT SPECIAL PROVISIONS, ETC. FOR TRAFFIC SIGNAL, POLE MOUNTED, AND STRIPING WORK.

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

RS&H

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