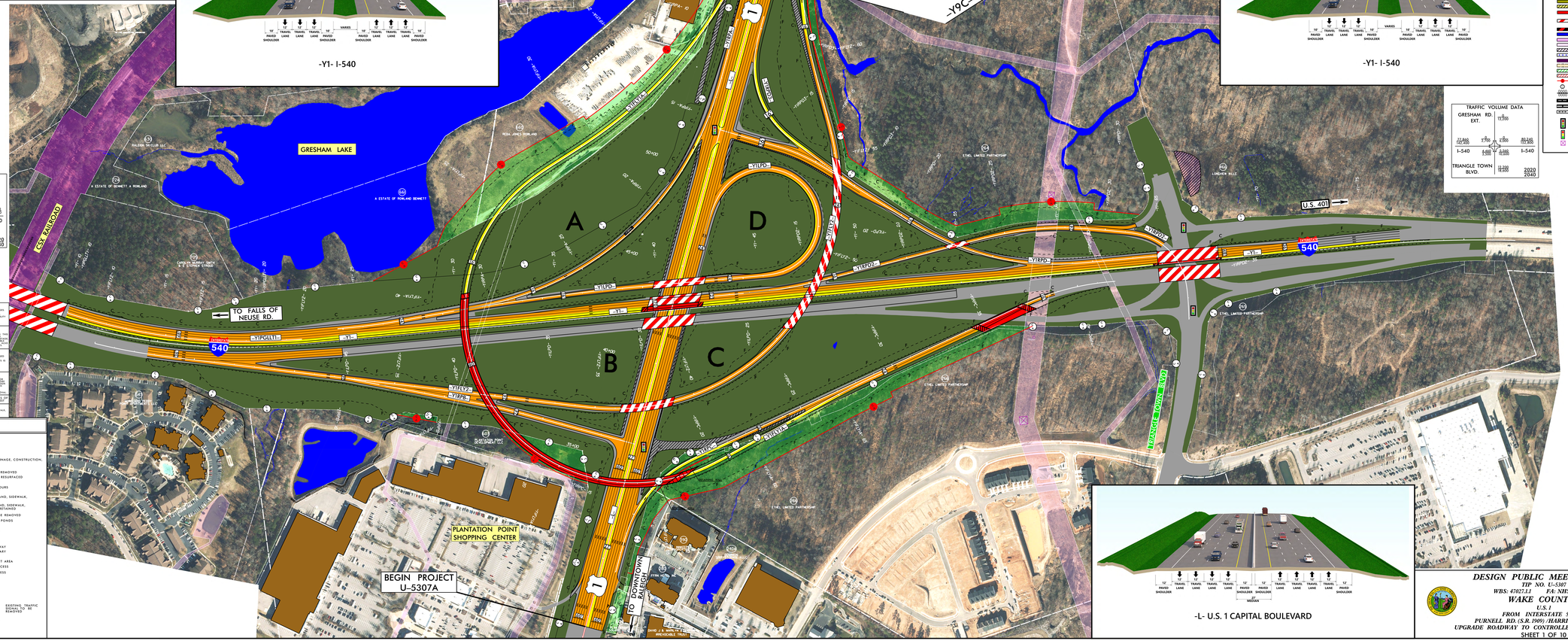
DESIGN PUBLIC MEETING MAP

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

June 2022



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 CONSTRUCTION

SCALE
100' 0' 100' 200'
50'

AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP

TRAFFIC VOLUME DATA

	U.S. 1	63,000 62,000		
42,000 42,000	19,000 19,000	21,000 21,000	22,000 22,000	
I-540	19,000 19,000	4,000 4,000	4,000 4,000	I-540
	U.S. 1	63,000 62,000		
				2020 2040

NOTE:
ACCESS CONTROL TO ACCESS IS DEFINED AS CONSTRUCTION, OR ESTABLISHMENT OF ACCESS PROHIBITED BY LEGAL MEANS, ALL CONSTRUCTION AND RIGHT-OF-WAY ACCESS FEATURES ARE SHOWN ON THE PLANS. ACCESS CONTROL WILL BE ESTABLISHED ALONG PROJECT U-5307 WITHIN THE ENTIRE LENGTH OF THE FULL-MOVEMENT INTERCHANGE AT I-540 AND ALONG U.S. 1 FROM THE INTERCHANGE TO PURNELL ROAD. ACCESS CONTROL WILL ALSO BE ESTABLISHED ALONG THE RAMPS OF THE INTERCHANGE AT PURNELL ROAD.

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THE DRAWING ARE BASED ON THE PRELIMINARY DESIGN AND MAY CHANGE AS THE DESIGN PROCESS PROCEEDS. ALL PROPERTIES ADJACENT TO THE PROJECT WERE EVALUATED FOR POTENTIAL IMPACTS. ALL IMPACTS ARE ESTIMATED AT THIS TIME. ALL DRIVEWAYS WILL BE ADDRESSED AT DETAILED SURVEY. FINAL DESIGN COULD YIELD FEWER IMPACTS.

UTILITY INFORMATION

WE PROVIDE GREATER VISUAL CLARITY EXISTING AND PROPOSED UTILITIES ARE NOT SHOWN ALL THEIR MARK ON THE STREET. THERE MAY BE UTILITIES NOT SHOWN ON THE PLANS. THERE MAY BE UTILITY LOCATIONS THAT ARE NOT KNOWN. THERE IS ALSO NO UTILITY GUARANTEE THE PROJECT BEFORE THE TIME WHEN UTILITIES ARE ACTUALLY PLACED IN THE GROUND. CONTACT UTILITY COMPANIES FOR MORE INFORMATION.

POTENTIAL NOISE ABATEMENT AREA

THE LIMITED AREAS DEMONSTRATE NOISE-SENSITIVE LOCATIONS FOR WHICH ABATEMENT MAY BE CONSIDERED. THE LOCATIONS ARE SHOWN ON THE PLANS AND ARE ALSO LISTED BELOW. THESE LOCATIONS ARE PRELIMINARY AND MAY CHANGE AS THE DESIGN PROCESS PROCEEDS. NOISE ABATEMENT MEASURES WILL BE PROVIDED WHERE FEASIBLE AND REASONABLE. NOISE ABATEMENT MEASURES WILL NOT BE PROVIDED WHERE FEASIBLE AND REASONABLE IN THE ABSENCE OF A PROJECT.

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

RESTRAINTS ARE CONTINGENT ON MUNICIPAL AGREEMENTS. RESTRAINTS INCLUDE BUT ARE NOT LIMITED TO: PARKING, LANDSCAPING, POST BUSHING, AND OPTIONAL MEDIAN.

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
- POTENTIAL NOISE ABATEMENT AREA
- 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 SIGNALS TO BE REMOVED
- PROPOSED TRAFFIC SIGNAL
- TRANSMISSION TOWER

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RS&H