



DESIGN PUBLIC HEARING MAP

TIP NO. U-5307

WBS: 47027.1.1 FA: NHS-0001(138)

WAKE COUNTY

US 1

FROM INTERSTATE 540 TO
PURNELL RD. (SR 1909)/HARRIS RD. (SR 1931)

UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY
GRESHAM LAKE ROAD/CAPITOL HILLS DRIVE ROUNDABOUT OPTION

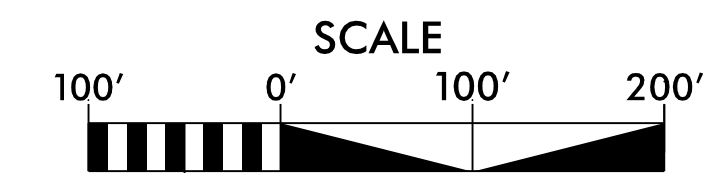
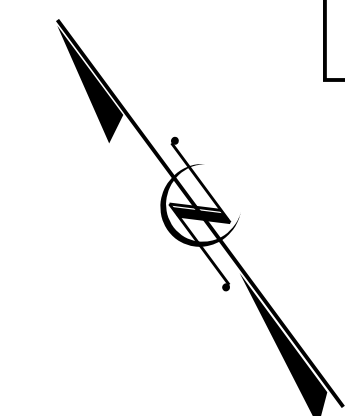
June 2023



NOTE:
THIS OPTION CAN BE APPLIED TO
GRESHAM LAKE ROAD EXTENSION BETTERMENT
OPTION 2 AND 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



50'
AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP

NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS CONNECTIONS TO A FACILITY PROVIDED ONLY VIA RAMPS AT INTERCHANGES. ALL CROSS-STREETS ARE GRADE-SEPARATED AND PRIVATE DRIVEWAY CONNECTIONS ALLOWED. A CONTROL OF ACCESS FENCE IS PLACED ALONG THE ENTIRE LENGTH OF THE FACILITY AND AT A MINIMUM OF 1000 FEET BEYOND THE RAMP INTERSECTIONS ON THE Y LINES (MINOR FACILITY) AT INTERCHANGES, IF POSSIBLE.

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS HEARING MAP ARE BASED OFF OF PRELIMINARY DESIGNS AND PRELIMINARY GROUND SURVEYS. DURING THE FINAL DESIGN STAGE, DESIGNERS WILL ATTEMPT TO MINIMIZE IMPACTS WHERE FEASIBLE USING FINAL GROUND SURVEYS. DRIVEWAY LOCATIONS WILL ALSO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.

UTILITY INFORMATION

TO PROVIDE GREATER VISUAL CLARITY EXISTING AND PROPOSED UTILITIES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE UTILITY INFORMATION SHOWN ON THESE MAPS IS LIMITED TO LOCATION OF MAJOR EXISTING AND POTENTIAL UTILITY EASEMENTS. THE DESIGNS SHOWN ON THESE MAPS, INCLUDING UTILITY EASEMENTS, ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

POTENTIAL NOISE ABATEMENT AREA

THE LABELED AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH POTENTIAL NOISE BARRIERS HAVE BEEN IDENTIFIED. MORE DETAILED ANALYSES WILL OCCUR DURING FINAL PROJECT DESIGN TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS MEET THE FEASIBLE AND REASONABLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

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

BETTERMENTS ARE CONTINGENT ON MUNICIPAL AGREEMENTS. BETTERMENTS CAN INCLUDE, BUT ARE NOT LIMITED TO, SIDEWALK, SIDEWALK, 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
- PROPOSED 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 SIDEWALK/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
- PROPOSED TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL TO BE REMOVED
- TRANSMISSION TOWER

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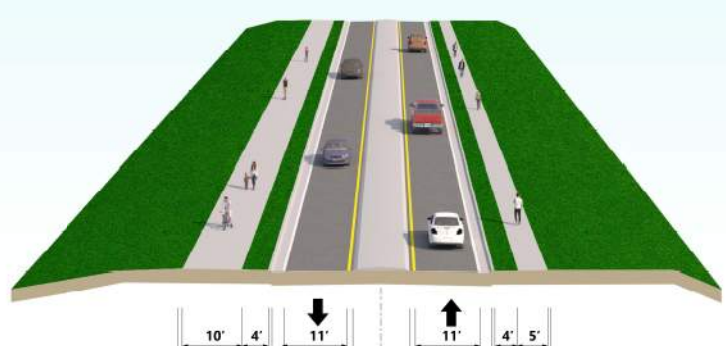
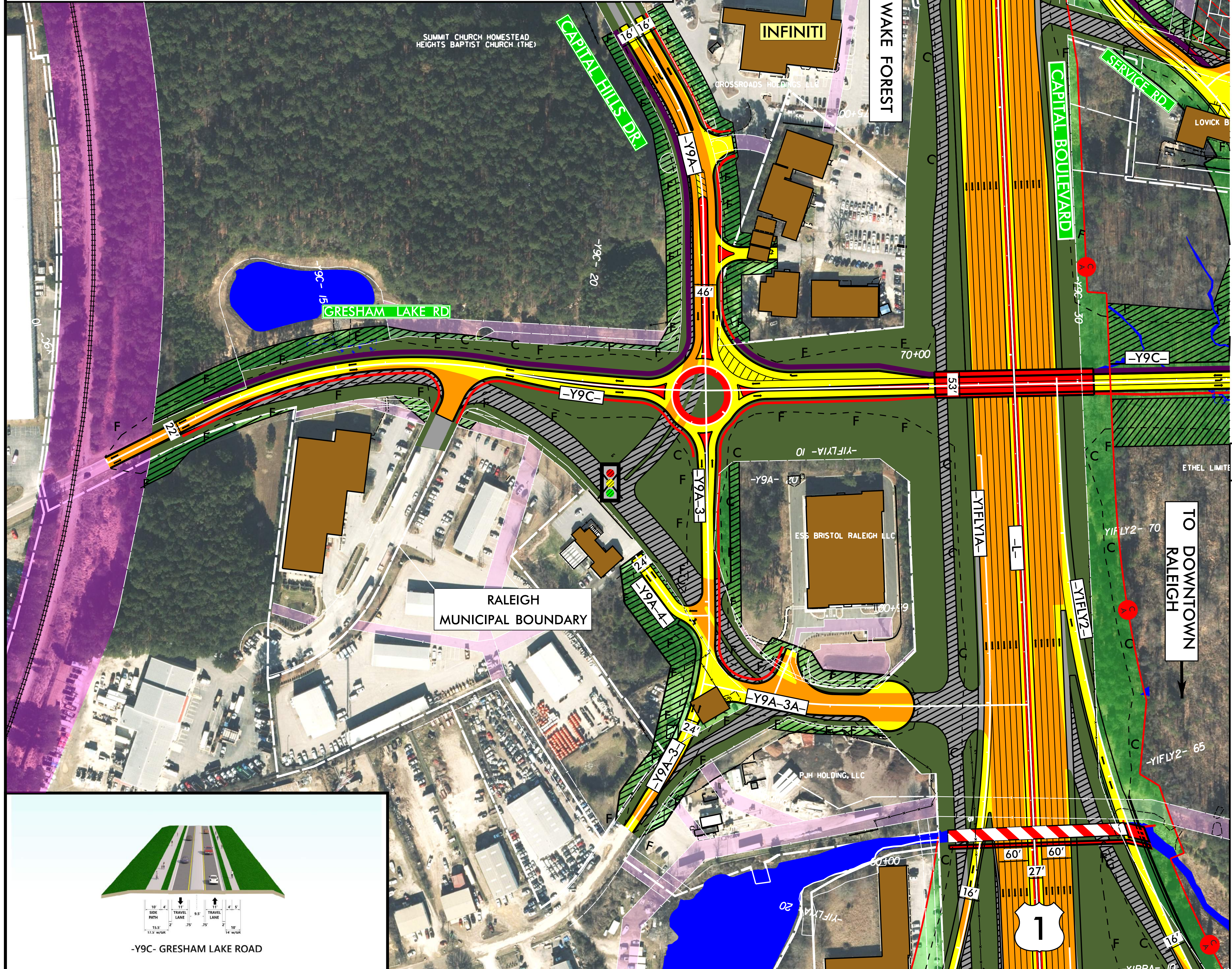
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UPGRADE ROADWAY TO CONTROLLED ACCESS FACILITY

GRESHAM LAKE ROAD/CAPITOL HILLS DRIVE ROUNDABOUT OPTION



-Y9C- GRESHAM LAKE ROAD