DESIGN PUBLIC HEARING MAP

TIP NO. U-5307
WBS: 47027.1.1 F.A: 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
SHEET 10 OF 10

June 2023

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 SIDEPATH/GREENWAY
- HISTORIC PROPERTY BOUNDARY
- PARKS
- POTENTIAL NOISE ABATEMENT AREA
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- PRESENT ADT
- 2045 ADT
- PROPERTY LINES
- CITY AND TOWN LINES
- COUNTY LINES
- EXISTING TRAFFIC SIGNALS
- EXISTING TRAFFIC SIGNAL TO BE REMOVED
- PROPOSED TRAFFIC SIGNAL
- TRANSMISSION TOWER

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

PRELIMINARY PLANS
INCOMPLETE PLANS
DO NOT USE FOR CONSTRUCTION

SCALE
100' 0' 100' 200'
50'

AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP

NOTE:
1) ACCESS CONTROL OF ACCESS IS DEFINED AS CONSTRUCTION OF A TRANSPORTATION FACILITY THROUGH A GIVEN AREA WITH NO ACCESS POINTS OTHER THAN THOSE ESTABLISHED OR PROVIDED FOR BY THE DEPARTMENT. ACCESS CONTROL MEANS THAT THE DEPARTMENT DETERMINES WHERE ACCESS WILL BE ALLOWED, BASED ON THE TYPE OF FACILITY, THE VOLUME OF TRAFFIC, THE SPEED OF THE TRAFFIC, THE SAFETY OF THE TRAVELING PUBLIC, AND THE ECONOMICAL DEVELOPMENT OF THE AREA. (FROM: GENERAL STATUTES OF NORTH CAROLINA, CHAPTER 136, ARTICLE 2E)

IMPACTS AND DRIVEWAY TIES

LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS DRAWING ARE BASED UPON AN PRELIMINARY DESIGN AND ARE SUBJECT TO CHANGE. THE ACTUAL LIMITS OF CONSTRUCTION WILL BE DETERMINED BY THE CONTRACTOR'S CONSTRUCTION METHODS. PROPERTIES WILL BE ACCESSED DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ACCESS DURING CONSTRUCTION.

UTILITY INFORMATION

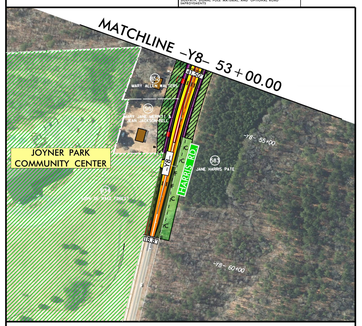
THE PROPOSED GRADE POINTS, STRUCTURE LOCATIONS AND DRAINAGE DESIGN HAVE BEEN ADJUSTED TO AVOID OR MINIMIZE UTILITY CONFLICTS. THE REMAINING UTILITY CONFLICTS ARE SUBJECT TO ADDITIONAL OR ADJUSTED COSTS. THE UTILITIES LISTED BELOW HAVE BEEN IDENTIFIED AS HAVING CONFLICTS WITH THE PROPOSED CONSTRUCTION. THE UTILITIES ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

POTENTIAL NOISE ABATEMENT AREA

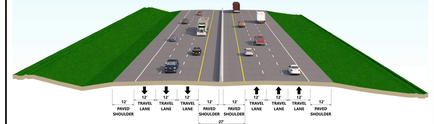
THE LARGER AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH NOISE ABATEMENT MEASURES MAY BE CONSIDERED. THESE AREAS WERE DETERMINED BASED ON NOISE MODELING. THESE PROPERTIES MAY BE ELIGIBLE FOR NOISE ABATEMENT MEASURES IF THEY MEET THE FEASIBLE AND REASONABLE CRITERIA WHEN THE TRANSPORTATION NOISE PROJECT IS PUBLISHED IN THE FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS) AND ARE RECEIVED FAVORABLY BY THE MAJORITY OF THE PROPERTY OWNERS.

PROPOSED NOISE ABATEMENT MEASURES WILL BE DETERMINED BY THE CITY OF RALEIGH AND TOWN OF WAKE FOREST.

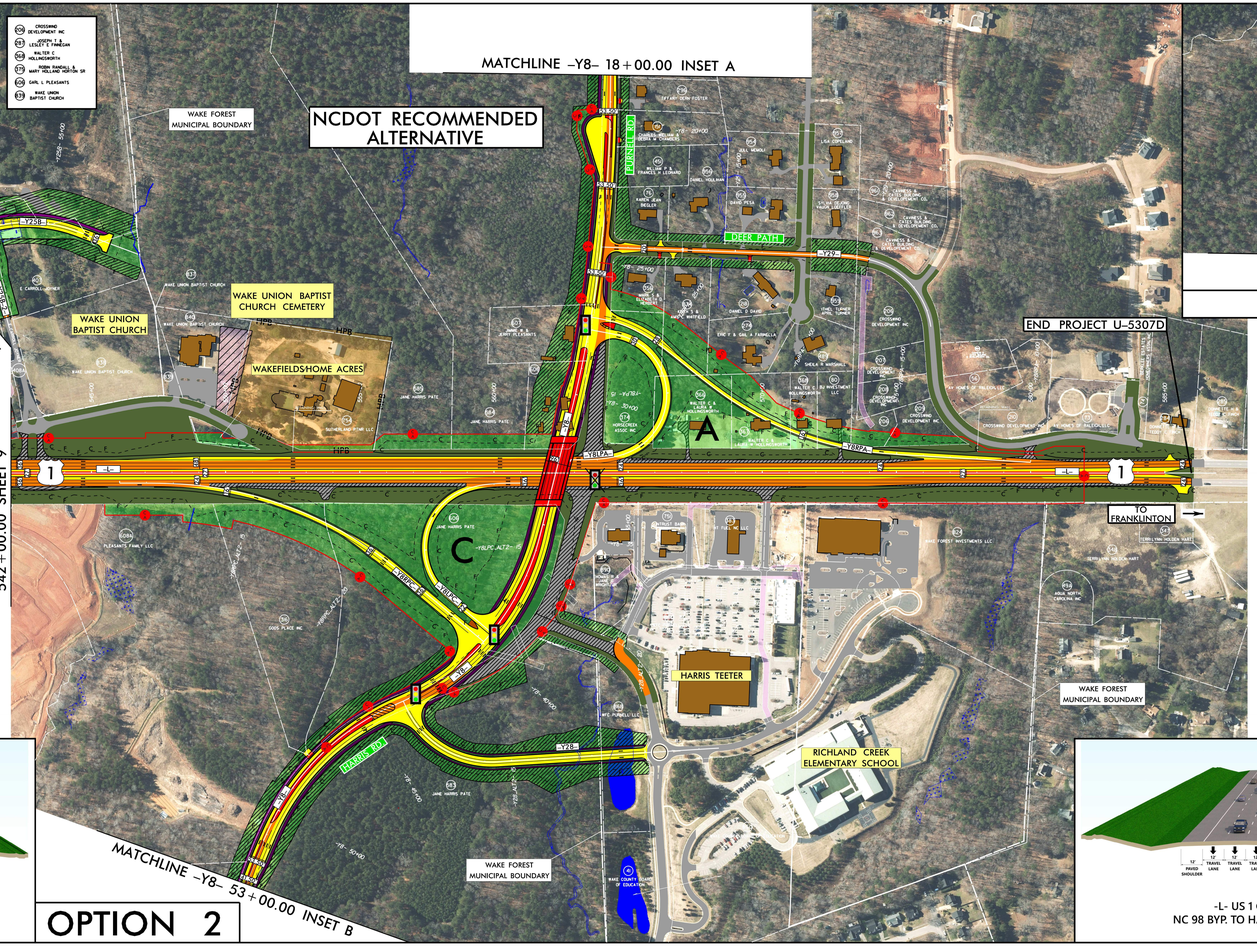
CROSSING	
108	DEVELOPMENT INC
83	JOYNER T & ELIZABETH W
108	WALTER C & HILLINGSWORTH
170	ROBIN RANDALL & MARY HELLAND HARTLER SR
106	EARL L PLEASANTS
13	WAKE UNION BAPTIST CHURCH



INSET B



-L- US 1 CAPITAL BOULEVARD
NC 98 BYP. TO HARRIS ROAD/PURNELL ROAD



OPTION 2

INSET A

-Y8- PURNELL (SR 1909) / HARRIS ROAD (SR 1931)

-L- US 1 CAPITAL BOULEVARD
NC 98 BYP. TO HARRIS ROAD/PURNELL ROAD

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