DESIGN PUBLIC MEETING MAP

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

December 2021

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
- 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

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

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS

SCALE
100' 0' 100' 200'
50'

AERIAL DATE: SPRING 2021
SOURCE: NC ONE MAP

NOTE:
1. ACCESS CONTROL OR ACCESS IS DEFINED AS CONSTRUCTION, ELIMINATION, RELOCATION, OR ADDITION OF ACCESS POINTS. ALL ACCESS POINTS WITHIN THE PROJECT LIMITS ARE SHOWN ON THE PLANS. ACCESS POINTS MAY BE CONSTRUCTED AT OTHER LOCATIONS THAN THOSE SHOWN ON THE PLANS. PRIOR TO PLACING ACCESS POINTS ALONG THE NEW FACILITY, THE DESIGN ENGINEER MUST CONTACT THE DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH TO OBTAIN A DRIVEWAY PERMIT FOR EACH ACCESS POINT.

IMPACTS AND DRIVEWAY TIES

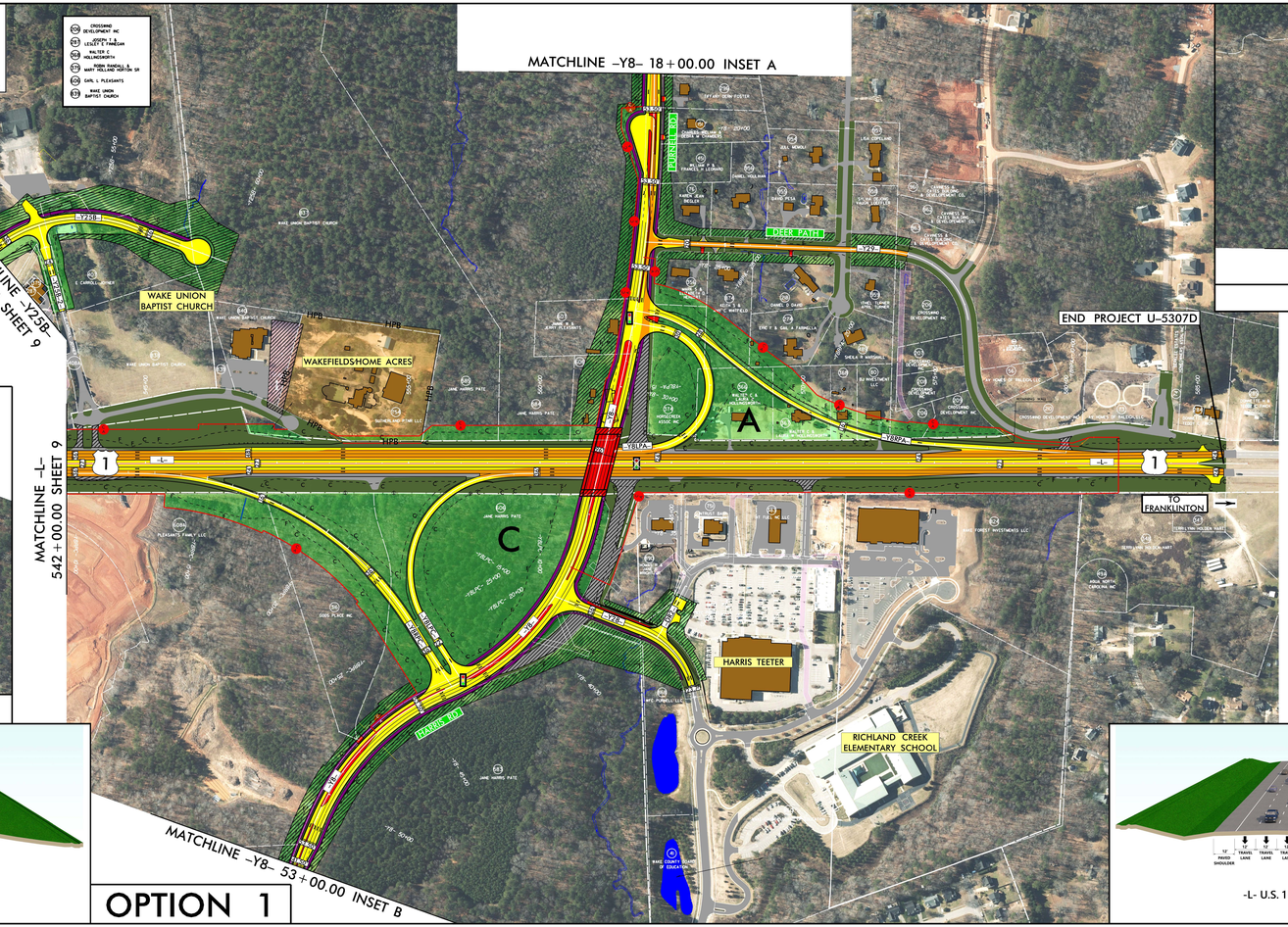
UNITS OF CONVENIENCE WITH TWO TIES ONLY, THREE OR MORE DRIVEWAYS AND ONE SERVED ONLY BY PRELIMINARY SERVICES AND ACCESSORY BUILDINGS WITH ONE TIE ONLY, WHICH ARE NOT ADJACENT TO OTHER DRIVEWAYS, ARE NOT ANTICIPATED. ALL DRIVEWAYS WILL BE CONSTRUCTED TO ACCOMMODATE EMERGENCY VEHICLES AND SHALL BE OF SUFFICIENT STRUCTURAL CAPACITY.

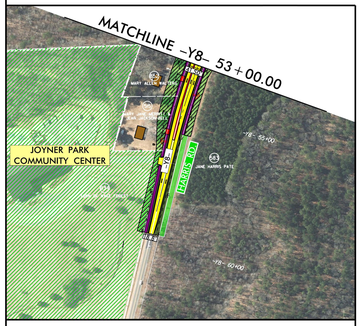
UTILITY INFORMATION

TO PROVIDE GREATER DETAIL IN LARGE EXISTING AND PROPOSED UTILITY PLANS, THE UTILITY INFORMATION SHOWN ON THE PLANS MAY BE DISPLAYED ON SEPARATE DRAWINGS. THE THREE MAIN IN DISPLAYED UTILITIES ARE WATER, SANITARY SEWER, AND STORM DRAINAGE. UTILITY IMPROVEMENTS ARE NORMALLY NOT PART OF THE HIGHWAY PROJECT.

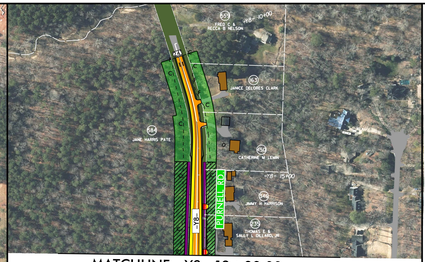
THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF RALEIGH AND TOWN OF WAKE FOREST.

RESTRAINTS AND CONSTRAINTS ON MUNICIPAL ENTERPRISES INCLUDE, BUT ARE NOT LIMITED TO, WATER, SANITARY SEWERAGE, STORM DRAINAGE, POLE MOUNTED, AND STATIONARY ROAD IMPROVEMENTS.



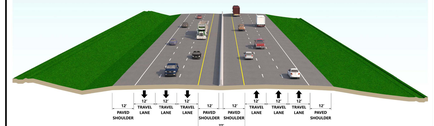


INSET B



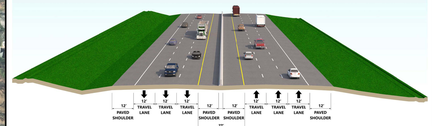
INSET A

-Y8- S.R. 1909 PURNELL / S.R. 1931 HARRIS ROAD



-L- U.S. 1 CAPITAL BOULEVARD

OPTION 1



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