INDUSTRY FORUM MAP

S.T.I.P. NO. R-2829A&B
FEDERAL AID PROJECT NO. STP-540(21)
WBS NO. 35517.1.T.A1

WAKE & JOHNSTON COUNTIES

COMPLETE 540
TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION
I-40 TO I-87/US 64/US 264
MAP 2 OF 4

NORTH CAROLINA Turnpike Authority

TYPICAL SECTION INSIDE INTERCHANGE
-Y24K- US 70

TYPICAL SECTION INSIDE INTERCHANGE
-Y23I- SR 3700 (WHITE OAK RD.)

TYPICAL SECTION
-Y23DET- SR 2547 (WHITE OAK RD.)

MATCH TO MAP 1 OF 4
-L- STA. 190+00.00

MATCH TO MAP 3 OF 4
-L- STA. 190+00.00

BARRINGTON HILLS
HILLINGTON WEST
HILLINGTON
MEADOWBROOK ESTATES
LAUREN CHASE
LEGEND HILLS
HILLINGTON ESTATES
WHITE OAK CHURCH
JO-EAST MOBILE ACRES RV PARK
NC 540
I-40
US 70

LEGEND

- BUILDING
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED SLOPE, EASEMENT (DRAINAGE, CONSTRUCTION, OR UTILITY)
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- TEMPORARY DETOUR
- EXISTING STRUCTURE, ISLAND OR CURB AND GUTTER
- PROPOSED STRUCTURE, ISLAND OR CURB AND GUTTER TO BE RETAINED
- PROPOSED STRUCTURE, ISLAND OR CURB AND GUTTER TO BE REMOVED
- FUTURE STRUCTURE, ISLAND OR CURB AND GUTTER
- LAKE, RIVER, STREAM OR POND
- RAILROAD RIGHT OF WAY
- EXISTING UTILITY EASEMENT
- CEMETERY
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- FUTURE ACCESS
- FUTURE ACT
- PROPERTY LINES
- EXISTING LINES
- PROPOSED LINES
- PROPOSED TOLL GANTRY
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL
- WETLAND LIMIT BOUNDARY
- STREAM BUFFER ZONE (TO BE CONSTRUCTED BY OTHERS)
- EXISTING GREENWAY

PRELIMINARY PLANS
NOT FOR RIGHT-OF-WAY ACQUISITIONS

SCALE 1" = 200'

IN CASE OF A DISCREPANCY BETWEEN THE INDUSTRY FORUM MAPS AND PRELIMINARY DESIGN PLANS, THE PRELIMINARY DESIGN PLANS SHALL GOVERN.

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 existing information shown on these maps, including utility easements are preliminary and subject to change.

NOTE:
ONLY DRAINAGE STRUCTURES THAT ARE 72" OR LARGER ARE SHOWN. THEY INCLUDE BOTH CROSS PIPES FROM THE 2014 PRELIMINARY HYDRAULIC STUDY FOR ENVIRONMENTAL IMPACT AND ADDITIONAL PIPES ADDED DURING PRELIMINARY PLAN PREPARATION.

NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS A CONNECTION TO A FACILITY PROVIDED; ONLY WA RAMPS AT INTERCHANGES ALL CROSS-STREETS ARE GRADE SEPARATED. NO PRIVATE DRIVEWAY CONNECTIONS ARE ALLOWED.

ORTHOPHOTO DATA:
NC OneMap
2021

DESIGN DATA

FUNCTIONAL CLASSIFICATION	=	FREEWAY
DESIGN SPEED	=	70 MPH
MAX. SUPERELEVATION	=	0.08

POTENTIAL NOISE ABATEMENT AREA

THE LABELED AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH NOISE ABATEMENT WILL BE EVALUATED. FINAL NOISE STUDY DETAILED ANALYSES WILL OCCUR DURING FINAL PROJECT DESIGN TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS SHOULD BE CONSTRUCTED. IF THE BARRIER MEETS NCDOT TRAFFIC NOISE POLICY, IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

TYPICAL SECTION
-L- NC 540

WHITE OAK RD
15,000
27,700
3,800
3,300
2,800
2,500
NC 540
16,500
22,500
13,000
22,400
14,500
28,800
2033 ADT
2045 ADT

US 70
49,800
70,000
58,500
3,300
5,600
3,600
4,000
3,800
4,400
2,600
4,000
NC 540
13,000
22,400
NC 540
50,700
59,000
US 70
1,300
22,700
2033 ADT
2045 ADT

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