DESIGN PUBLIC MEETING MAP

PROJECT 34178.1.3 (I-5306A)
F. A. PROJECT: IMS-040-4(148)259

ORANGE COUNTY

WIDENING OF I-40 FROM I-85 TO THE DURHAM COUNTY LINE

SHEET 3 OF 6

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
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- EXISTING STRUCTURES (ISLAND, CURB AND GUTTER TO BE REMOVED)
- EXISTING STRUCTURES (ISLAND, CURB AND GUTTER TO BE MAINTAINED)
- LAKES, RIVER, STREAMS AND PONDS
- RAILROAD RIGHT OF WAY
- PROPOSED FULL CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- PRESENT ADT (YEAR 2018)
- PROPERTY LINES
- EXISTING UTILITY EASEMENT
- LIMITS OF CONSTRUCTION
- POTENTIAL NOISE ABATEMENT AREA
- EXISTING TRAFFIC SIGNAL
- WETLAND LIMITS BOUNDARY
- WETLAND

1. CRAIG DAVID ERNEST TRUSTEE
2. RICHEY ROBERT W ETAL
3. TAPPS HIDEAWAY HOMEOWNERS ASSOCIATION INC
4. WALKER MARION PATRICE
5. WALKER MARION PATRICE
6. MARKUNAS MARY PATRICE GAMBLE
7. SHARPE ROBERT CHARLES
8. WELCH RONALD JAY
9. WITKIN EDWARD

UTILITY INFORMATION
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITIES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.

IMPACTS AND DRIVEWAY TIES
LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MEETING MAP ARE BASED OFF OF FUNCTIONAL DESIGNS AND LIDAR GROUND SURVEYS. DESIGNERS WILL ATTEMPT TO MINIMIZE IMPACTS WHERE FEASIBLE USING FINAL GROUND SURVEYS. FINAL DRIVEWAY LOCATIONS WILL ALSO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.

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

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

NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 6, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION
CURRENT AS OF AUGUST 28, 2018

100' 50' 0 100' 200'
(ENGLISH)

DESIGN DATA -I-

Functional Class. = Interstate
Design Speed = 70 mph
Max Superelev. = 10%

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

TRAFFIC DIAGRAM
-Y3- NEW HOPE CHURCH RD SR 1725
ADT 2018
ADT 2045
K 9,107
D 56.00
619 3,000
3,000
41,496
76,000
L 0.40
L 0.40
540 2,000
1,400 4,000
4,000
8,000

-Y3- NEW HOPE CHURCH RD SR 1725

PROPOSED TYPICAL SECTION
-I- (I-40 HARRIET MOREHEAD BERRY FWY.)

MATCHLINE TO SHEET 2
MATCHLINE TO SHEET 4