CORRIDOR PUBLIC HEARING MAP

S.T.I.P. NOS. R–2721, R–2828, R–2829
STATE PROJECT NOS. 6.401078, 6.401079, 6.401080
FEDERAL AID PROJECT NOS.
STP–540(19), STP–540(20), STP–540(21)
WBS NOS. 37673.1.TA2, 35516.1.TA2, 35517.1.TA1

WAKE / JOHNSTON COUNTIES

COMPLETE 540
TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION
NC 55 BYPASS TO US 64 / 264 BYPASS / I–495

SHEET 7B OF 8

NORTH CAROLINA
Turnpike Authority

NOTE:
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.

DESIGN DATA

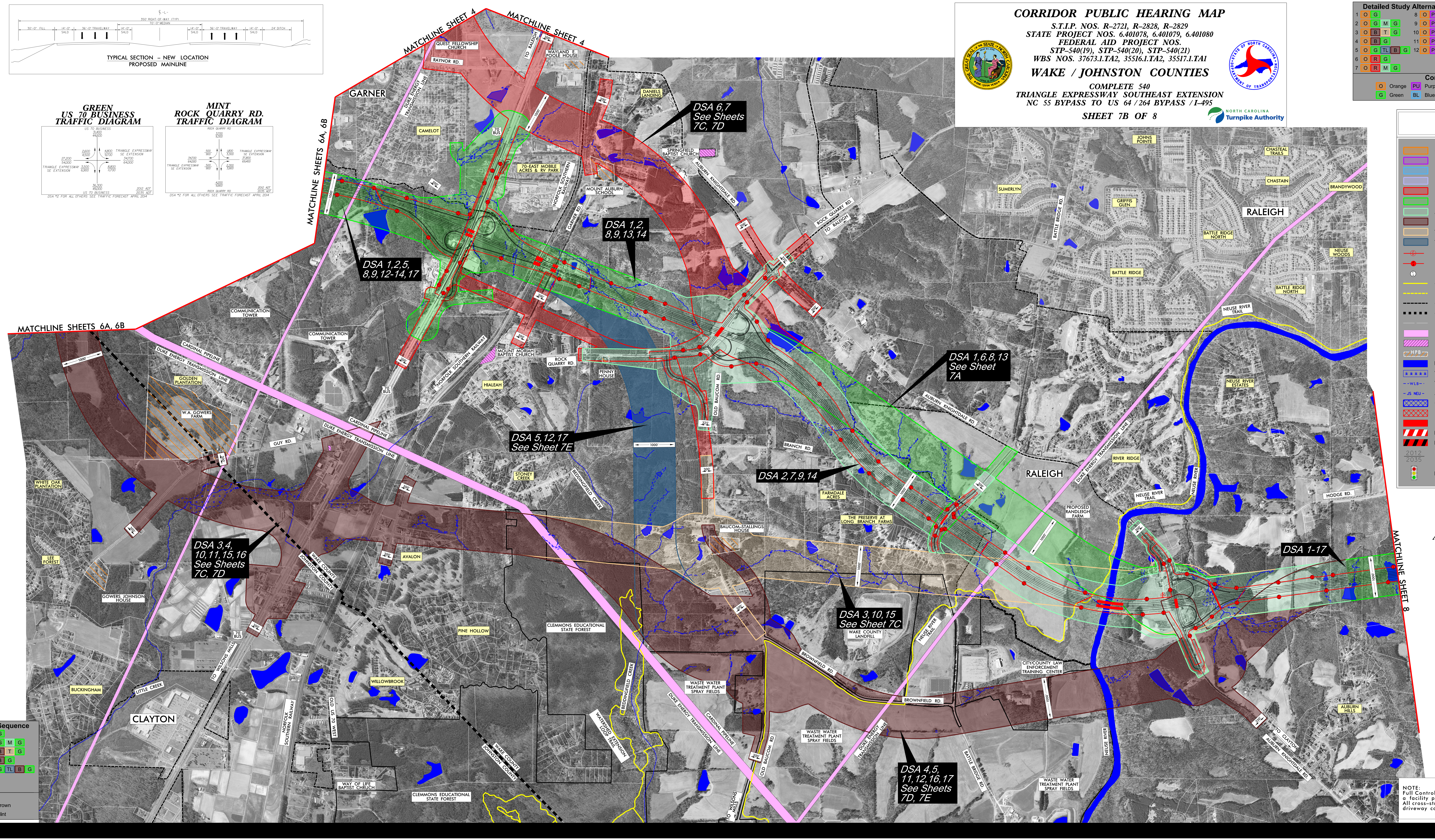
Functional Class. = Freeway
Design Speed = 70 mph
Max. Superelev. = 0.08

ORTHOPHOTO DATA

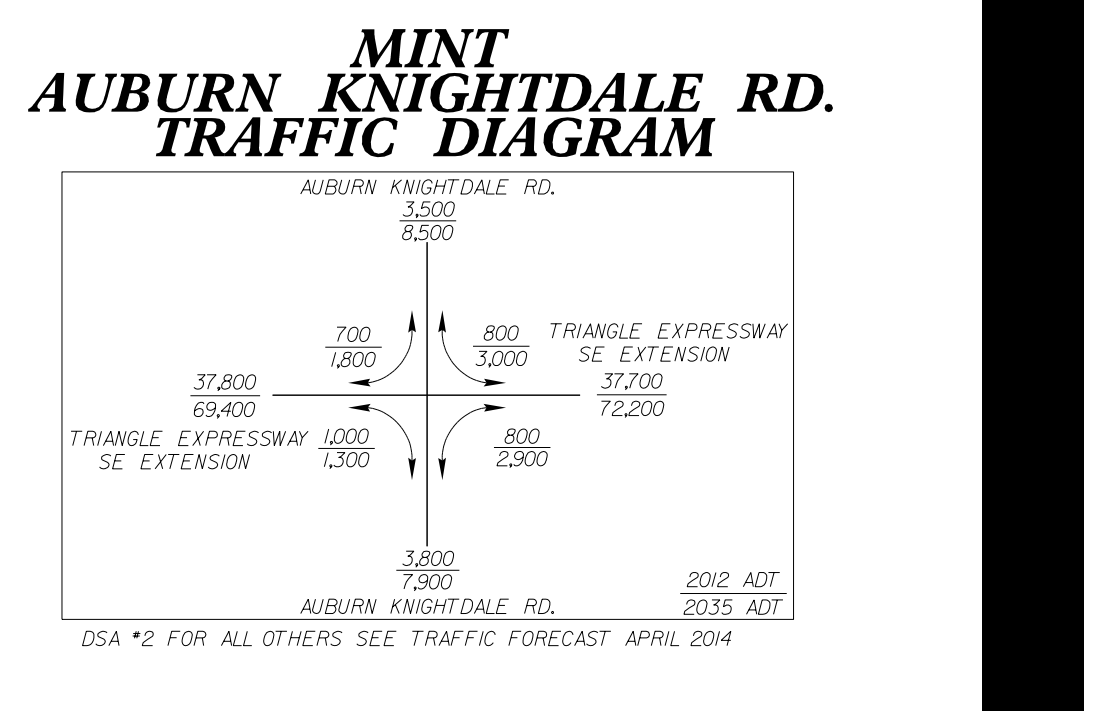
GIS Aerial Mapping = JAN 2014
GIS Property Boundaries = JULY 2015

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
SUBJECT TO CHANGE



℄ -L-
350' RIGHT-OF-WAY (TYP)
70'-0" MEDIAN
30'-0" FILL
14'-0" SHLD
36'-0" TRAVELWAY
14'-0" SHLD
14'-0" SHLD
36'-0" TRAVELWAY
14'-0" SHLD
24' DITCH
TYPICAL SECTION – NEW LOCATION
PROPOSED MAINLINE
GREEN
US 70 BUSINESS
TRAFFIC DIAGRAM
US 70 BUSINESS
31,400
44,600
2,600
4,500
4,800
9,700
TRIANGLE EXPRESSWAY SE EXTENSION
34,700
64,000
27,200
54,000
TRIANGLE EXPRESSWAY SE EXTENSION
3,500
6,900
8,800
11,700
36,300
49,000
US 70 BUSINESS
2012 ADT
2035 ADT
DSA *2 FOR ALL OTHERS SEE TRAFFIC FORECAST APRIL 2014
MINT
ROCK QUARRY RD.
TRAFFIC DIAGRAM
ROCK QUARRY RD
3,700
9,300
500
900
1,800
3,300
TRIANGLE EXPRESSWAY SE EXTENSION
37,800
69,400
34,700
64,000
TRIANGLE EXPRESSWAY SE EXTENSION
500
900
2,300
3,900
4,200
9,900
ROCK QUARRY RD
2012 ADT
2035 ADT
DSA *2 FOR ALL OTHERS SEE TRAFFIC FORECAST APRIL 2014
500' 0' 500' 1000'
250'
(ENGLISH)
NAD 83
MATCHLINE SHEET 4
MATCHLINE SHEET 4
MATCHLINE SHEETS 6A, 6B
MATCHLINE SHEETS 6A, 6B
MATCHLINE SHEET 8
GARNER
RALEIGH
RALEIGH
CLAYTON
QUEST FELLOWSHIP CHURCH
RAYNOR RD.
TO RALEIGH
WAYLAND E. POOLE HOUSE
DUKE ENERGY TRANSMISSION LINE
CAMELOT
70 BUS
DANIELS LANDING
DSA 6,7 See Sheets 7C, 7D
SPRINGFIELD BAPTIST CHURCH
AUBURN KNIGHTDALE RD.
70–EAST MOBILE ACRES & RV PARK
NORFOLK SOUTHERN RAILWAY
MOUNT AUBURN SCHOOL
GARNER RD.
DSA 1,2, 8,9,13,14
DSA 1,2,5, 8,9,12-14,17
ROCK QUARRY RD.
TO RALEIGH
SUMERLYN
BATTLE BRIDGE RD.
JOHNS POINTE
GRIFFIS GLEN
CHASTEAL TRAILS
CHASTAIN
BRANDYWOOD
BATTLE RIDGE NORTH
BATTLE RIDGE
BATTLE RIDGE NORTH
NEUSE WOODS
NEUSE RIVER TRAIL
NEUSE RIVER ESTATES
COMMUNICATION TOWER
COMMUNICATION TOWER
MOUNT MORIAH BAPTIST CHURCH
ROCK QUARRY RD.
PENNY HOUSE
HIALEAH
OLD BAUCOM RD.
DSA 1,6,8,13 See Sheet 7A
CARDINAL PIPELINE
DUKE ENERGY TRANSMISSION LINE
GOLDEN PLANTATION
W.A. GOWERS FARM
GUY RD.
WHITE OAK PLANTATION
LEE FOREST
GOWERS JOHNSON HOUSE
DSA 3,4, 10,11,15,16 See Sheets 7C, 7D
WAKE COUNTY
JOHNSTON COUNTY
TO WILSONS MILLS
NORFOLK SOUTHERN RAILWAY
OLD US 70 WEST
BUCKINGHAM
LITTLE CREEK
WAY OF LIFE BAPTIST CHRUCH
DSA 5,12,17 See Sheet 7E
STONEY CREEK
BEDDINGFIELD CREEK
AVALON
PINE HOLLOW
WILLOWBROOK
CLEMMONS EDUCATIONAL STATE FOREST
CLEMMONS EDUCATIONAL STATE FOREST
WATERSHED EXTENSION LOOP TRAIL
BEDDINGFIELD CREEK
BRANCH RD.
DSA 2,7,9,14
FARMDALE ACRES
THE PRESERVE AT LONG BRANCH FARMS
BAUCOM-STALLINGS HOUSE
DSA 3,10,15 See Sheet 7C
WAKE COUNTY LANDFILL
NEUSE RIVER TRAIL
BROWNFIELD RD.
BROWNFIELD RD.
WASTE WATER TREATMENT PLANT SPRAY FIELDS
WASTE WATER TREATMENT PLANT SPRAY FIELDS
WASTE WATER TREATMENT PLANT SPRAY FIELDS
WASTE WATER TREATMENT PLANT SPRAY FIELDS
CITY/COUNTY LAW ENFORCEMENT TRAINING CENTER
DSA 4,5, 11,12,16,17 See Sheets 7D, 7E
BATTLE BRIDGE RD.
TO WILSONS MILLS
OLD BAUCOM RD.
PROPOSED RANDLEIGH FARM
RIVER RIDGE
NEUSE RIVER
NEUSE RIVER
NEUSE RIVER TRAIL
HODGE RD.
DSA 1-17
AUBURN HILLS
TO CLAYTON
AUBURN KNIGHTDALE RD.
1000'
300'
325'
350'



MINT
AUBURN KNIGHTDALE RD.
TRAFFIC DIAGRAM
AUBURN KNIGHTDALE RD.
3,500
8,500
700
1,800
800
3,000
TRIANGLE EXPRESSWAY SE EXTENSION
37,700
72,200
37,800
69,400
TRIANGLE EXPRESSWAY SE EXTENSION
1,000
1,300
800
2,900
3,800
7,900
AUBURN KNIGHTDALE RD.
2012 ADT
2035 ADT
DSA *2 FOR ALL OTHERS SEE TRAFFIC FORECAST APRIL 2014
NAD 83
500' 0' 500' 1000'
250'
(ENGLISH)

LEGEND

- ORANGE CORRIDOR
- PURPLE CORRIDOR
- BLUE CORRIDOR
- LILAC CORRIDOR
- RED CORRIDOR
- GREEN CORRIDOR
- MINT CORRIDOR
- BROWN CORRIDOR
- TAN CORRIDOR
- TEAL CORRIDOR
- PROPOSED RIGHT OF WAY
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- GREENWAYS
- RELOCATED GREENWAY
- CITY OR TOWNSHIP LIMITS
- COUNTY LIMITS
- PROPERTY LINES
- UTILITY EASEMENT
- CEMETERY
- HPB HISTORIC PROPERTY
- LAKES, RIVERS, STREAMS AND PONDS
- WETLAND
- - -WLB- - WETLAND LIMITS BOUNDARY
- - JS NEU - JURISDICTIONAL STREAM LINES
- CRITICAL WATERSHED AREA
- NOISE STUDY AREA
- PROPOSED STRUCTURES
- EXISTING STRUCTURES TO BE RETAINED
- EXISTING STRUCTURES TO BE REMOVED
- 2012 / 2035 PRESENT AVERAGE DAILY TRAFFIC (ADT) / FUTURE AVERAGE DAILY TRAFFIC (ADT)
- EXISTING TRAFFIC SIGNAL

Detailed Study Alternative (DSA) Number and Color Sequence

1	O G	8	O PU BL L G	13	O L G
2	O G M G	9	O PU BL L G M G	14	O L G M G
3	O B T G	10	O PU BL L B T G	15	O L B T G
4	O B G	11	O PU BL L B G	16	O L B G
5	O G TL B G	12	O PU BL L G TL B G	17	O L G TL B G
6	O R G				
7	O R M G				

Corridor Segments Key

O	Orange	PU	Purple	L	Lilac	TL	Teal	B	Brown
G	Green	BL	Blue	R	Red	T	Tan	M	Mint

CORRIDOR PUBLIC HEARING MAP
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NORTH CAROLINA Turnpike Authority

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4 O B G | 11 O PU BL L B G | 16 O L B G
5 O G TL B G | 12 O PU BL L G TL B G | 17 O L G TL B G
6 O R G
7 O R M G
Corridor Segments Key
O Orange PU Purple L Lilac TL Teal B Brown
G Green BL Blue R Red T Tan M Mint

LEGEND
ORANGE CORRIDOR
PURPLE CORRIDOR
BLUE CORRIDOR
LILAC CORRIDOR
RED CORRIDOR
GREEN CORRIDOR
MINT CORRIDOR
BROWN CORRIDOR
TAN CORRIDOR
TEAL CORRIDOR
PROPOSED RIGHT OF WAY
PROPOSED CONTROL OF ACCESS
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GREENWAYS
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CITY OR TOWNSHIP LIMITS
COUNTY LIMITS
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