DESIGN PUBLIC MEETING MAP

PROJECT 34331.1.12 (TIP NO. R-0211EC)
PROPOSED INTERCHANGE OF I-485 AT SR 3468 (WEDDINGTON RD)

PROJECT 43609.1.1 (TIP NO. I-5507)
I-485 EXPRESS LANES FROM I-77 TO US 74 (INDEPENDENCE BLVD)
ALTERNATIVE 2

PROJECT 39078.1.7 (TIP NO. U-4714AB)
IMPROVE INTERCHANGE OF I-485 AT SR 1009 (EAST JOHN ST-OLD MONROE RD)

MECKLENBURG COUNTY

ROLL 1 OF 11

January 2017

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

I-485 EXPRESS LANES
MECKLENBURG COUNTY

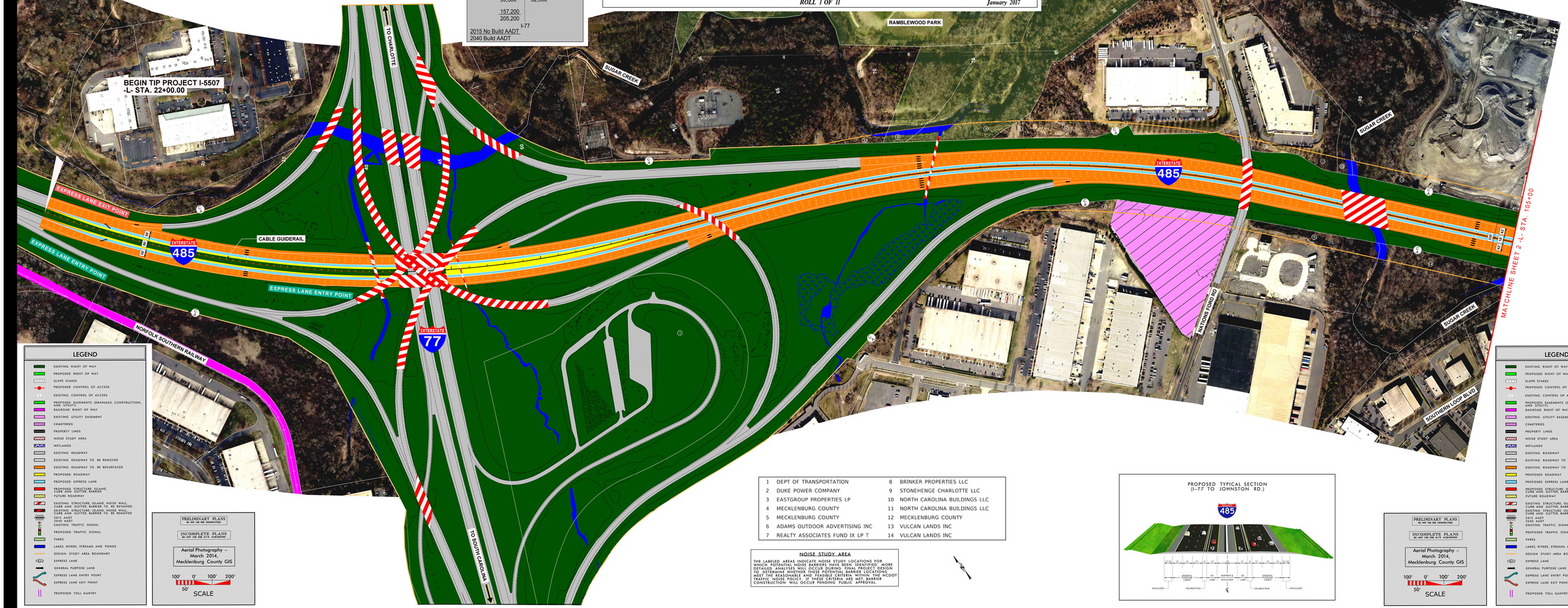
TRAFFIC VOLUME DATA

	I-77			
	160,600 / 210,200			
	18,200 / 25,300	39,800 / 51,900		
97,400 / 133,100			115,400 / 153,300	
I-485				I-485
	29,100 / 39,300	25,500 / 32,900		
	157,200 / 205,200			
	I-77			

2015 No Build AADT
2040 Build AADT

DESIGN DATA

Functional Class.	=	INTERSTATE
Design Speed	=	75 mph
Max. Superelev.	=	0.08



LEGEND

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- SLOPE STAKES
- PROPOSED CONTROL OF ACCESS
- EXISTING CONTROL OF ACCESS
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
- RAILROAD RIGHT OF WAY
- EXISTING UTILITY EASEMENT
- CEMETERIES
- PROPERTY LINES
- NOISE STUDY AREA
- WETLANDS
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED EXPRESS LANE
- PROPOSED STRUCTURE ISLAND, CURB AND GUTTER BARRIER
- FUTURE ROADWAY
- EXISTING STRUCTURE ISLAND, NOISE WALL, CURB AND GUTTER BARRIER TO BE RETAINED
- EXISTING STRUCTURE ISLAND, NOISE WALL, CURB AND GUTTER BARRIER TO BE REMOVED
- 2015 AADT
- 2040 AADT
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL
- PARKS
- LAKES, RIVERS, STREAMS AND PONDS
- DESIGN STUDY AREA BOUNDARY
- EXPRESS LANE
- GENERAL PURPOSE LANE
- EXPRESS LANE ENTRY POINT
- EXPRESS LANE EXIT POINT
- PROPOSED TOLL GANTRY

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

Aerial Photography – March 2014, Mecklenburg County GIS

100' 0' 100' 200'
50'
SCALE

1	DEPT OF TRANSPORTATION	8	BRINKER PROPERTIES LLC
2	DUKE POWER COMPANY	9	STONEHENGE CHARLOTTE LLC
3	EASTGROUP PROPERTIES LP	10	NORTH CAROLINA BUILDINGS LLC
4	MECKLENBURG COUNTY	11	NORTH CAROLINA BUILDINGS LLC
5	MECKLENBURG COUNTY	12	MECKLENBURG COUNTY
6	ADAMS OUTDOOR ADVERTISING INC	13	VULCAN LANDS INC
7	REALTY ASSOCIATES FUND IX LP T	14	VULCAN LANDS INC

NOISE STUDY AREA

THE LABELED AREAS INDICATE NOISE STUDY LOCATIONS FOR WHICH POTENTIAL NOISE BARRIERS HAVE BEEN IDENTIFIED. MORE DETAILED ANALYSES WILL OCCUR DURING FINAL PROJECT DESIGN TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS MEET NCDOT'S ADOPTED NOISE POLICY. IF THESE CRITERIA MEET NCDOT TRAFFIC NOISE POLICY, IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

PROPOSED TYPICAL SECTION
(I-77 TO JOHNSTON RD.)

RS&H