I-485 EXPRESS LANES
MECKLENBURG COUNTY

358 MATTHEWS BELTWAY LLC	369 TROTTER, PAUL H
359 RSC DWA ASSOCIATES LLC	370 TENHENGEL, EDWIN LAWRENCE
360 MATTHEWS BELTWAY LLC	371 LESTER AND MARY YANDLE, LLC
361 TOWN OF MATTHEWS	372 FEATHERSTONE, CELIA T
362 DURITZA, PHILIP D	373 TOWN OF MATTHEWS
363 DALLIS, JAMES	374 MECKLENBURG COUNTY
364 MATTHEWS GATEWAY PROJECT LLC	375 TRUSTEES OF CENTRAL PIEDMONT COMMUNITY COLLEGE
365 WINGATE UNIVERSITY	376 MECKLENBURG COUNTY
366 LESTER AND MARY YANDLE, LLC	377 THE TRUSTEES OF CENTRAL PIEDMONT COMMUNITY COLLEGE
367 LESTER AND MARY YANDLE, LLC	378 MECKLENBURG COUNTY
368 ASPEN ASSET GROUP LLC	

DESIGN DATA

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

DESIGN PUBLIC MEETING MAP

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

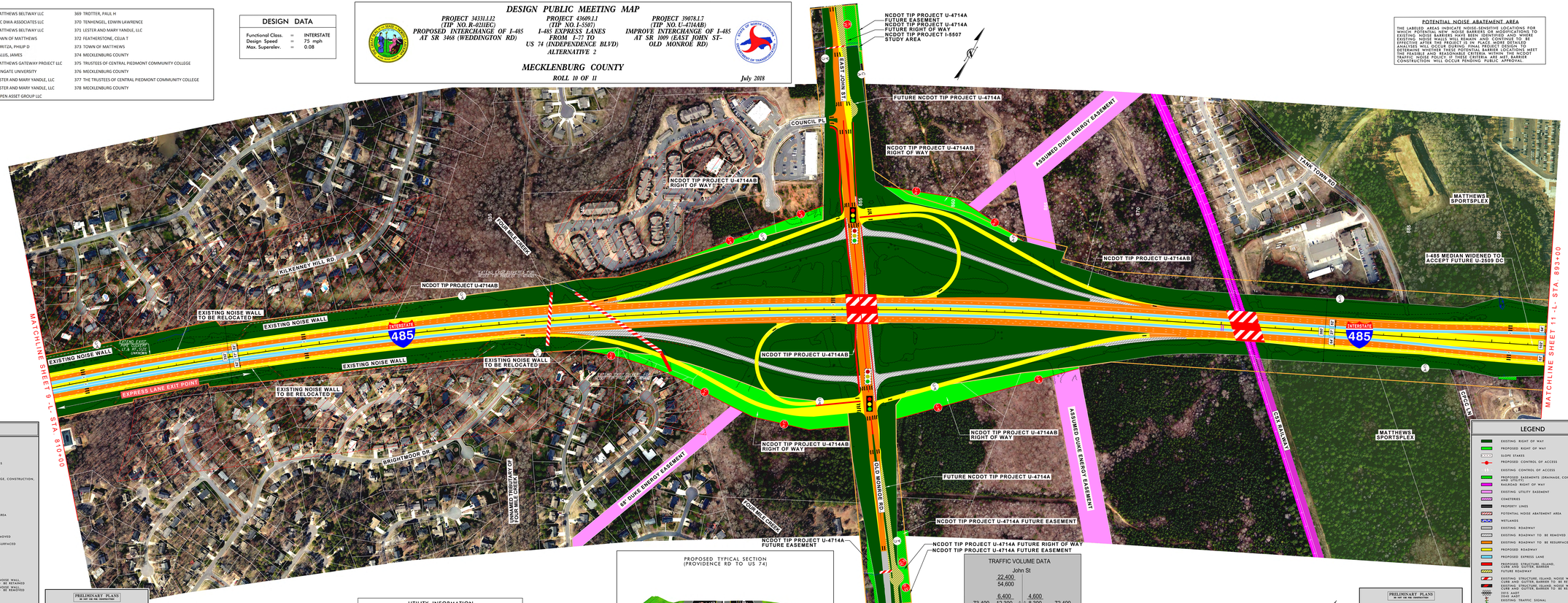
PROJECT 43609.1.1
(TIP NO. I-5507)
I-485 EXPRESS LANES
FROM I-77 TO
US 74 (INDEPENDENCE BLVD)
ALTERNATIVE 2

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 10 OF 11

July 2018



POTENTIAL NOISE ABATEMENT AREA

THE LABELED AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH POTENTIAL NEW NOISE BARRIERS OR MODIFICATIONS TO EXISTING NOISE WALLS MAY BE CONSIDERED. THE LOCATIONS OF EXISTING NOISE WALLS WILL REMAIN AND CONTINUE TO BE EFFECTIVE AFTER THE PROJECT IS IN PLACE. MORE DETAILED STUDIES WILL BE PERFORMED DURING DESIGN PHASE TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS MEET THE FEASIBLE AND REASONABLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

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
- POTENTIAL NOISE ABATEMENT 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

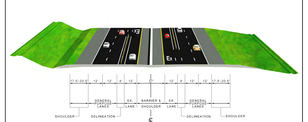
Aerial Photography –
March 2014,
Mecklenburg County GIS

100' 0' 100' 200'
50'
SCALE

UTILITY INFORMATION

TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITIES ARE NOT SHOWN ON THESE MAPS OR ON OTHER MAPS. THE LOCATION OF UTILITIES SHOWN ON OTHER MAPS IS LIMITED TO: LOCATION OF MAJOR EXISTING AND POTENTIAL UTILITY EASEMENTS. THE DESIGNS SHOWN ON THESE MAPS INCLUDING UTILITY EASEMENTS, ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

PROPOSED TYPICAL SECTION
(PROVIDENCE RD TO US 74)



TRAFFIC VOLUME DATA

John St

22,400
54,600

6,400
73,400 12,300
110,200

4,600
8,300
72,400
106,400

I-485

6,500
11,000

7,300
11,200

I-485

25,200
56,200

Old Monroe Rd

2015 No Build AADT
2040 Build AADT

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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March 2014,
Mecklenburg County GIS

100' 0' 100' 200'
50'
SCALE

I-485 EXPRESS LANES
MECKLENBURG COUNTY

RS&H