LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED EXPRESS LANES
- PROPOSED STRUCTURES, ISLAND, SIDEWALK, RETAINING WALL, BARRER, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
- EXISTING STRUCTURES, ISLAND, SIDEWALK, CURB AND GUTTER TO BE RETAINED
- RAILROAD RIGHT OF WAY
- PROPOSED LIGHT RAIL CORRIDOR
- CEMETERIES
- EXISTING UTILITY EASEMENTS
- PARKS
- LAKES, RIVER, STREAMS AND PONDS
- WETLANDS
- WESTERN GREENWAY
- CITY AND TOWN LINES
- PROPERTY LINES
- PROJECT STUDY AREA BOUNDARY
- EXISTING TRAFFIC SIGNAL
- PROPOSED TRAFFIC SIGNAL
- PROPOSED TOLL GANTRY
- PROPOSED CONTROL OF ACCESS
- PROPOSED PARTIAL CONTROL OF ACCESS
- HISTORIC PROPERTY BOUNDARY
- PROPOSED EXPRESS LANE
- GENERAL PURPOSE LANE
- EXPRESS LANE ENTRY POINT
- EXPRESS LANE EXIT POINT
- CUT AND FILL LINES

TRAFFIC VOLUME DATA ARROWOOD

29,400 / 42,500 — ARROWOOD RD

163,300 / 219,700 — 8,700 / 31,800 — 9,500 / 17,200 — 156,900 / 236,200 — I-77

13,200 / 9,800 — 8,000 / 30,900

2022 NO BUILD ADT
2050 BUILD ADT

34,400 / 44,200 — ARROWOOD RD

TRAFFIC VOLUME DATA NATIONS FORD

17,400 / 20,000 — NATIONS FORD RD

156,900 / 236,200 — 7,400 / 8,100 — 3,100 / 3,700 — 154,600 / 237,900 — I-77

8,900 / 11,200 — 10,900 / 17,300

2022 NO BUILD ADT
2050 BUILD ADT

26,700 / 36,700 — NATIONS FORD RD

PUBLIC MEETING MAP
STIP PROJECT I-5718

MECKLENBURG COUNTY

I-77 EXPRESS LANES SOUTH
SOUTH CAROLINA STATE LINE TO
I-277/NC 16 (BROOKSHIRE FREEWAY)

OPTION 1: ADD TWO EXPRESS LANES (AT GRADE)
SHEET 3 OF 10

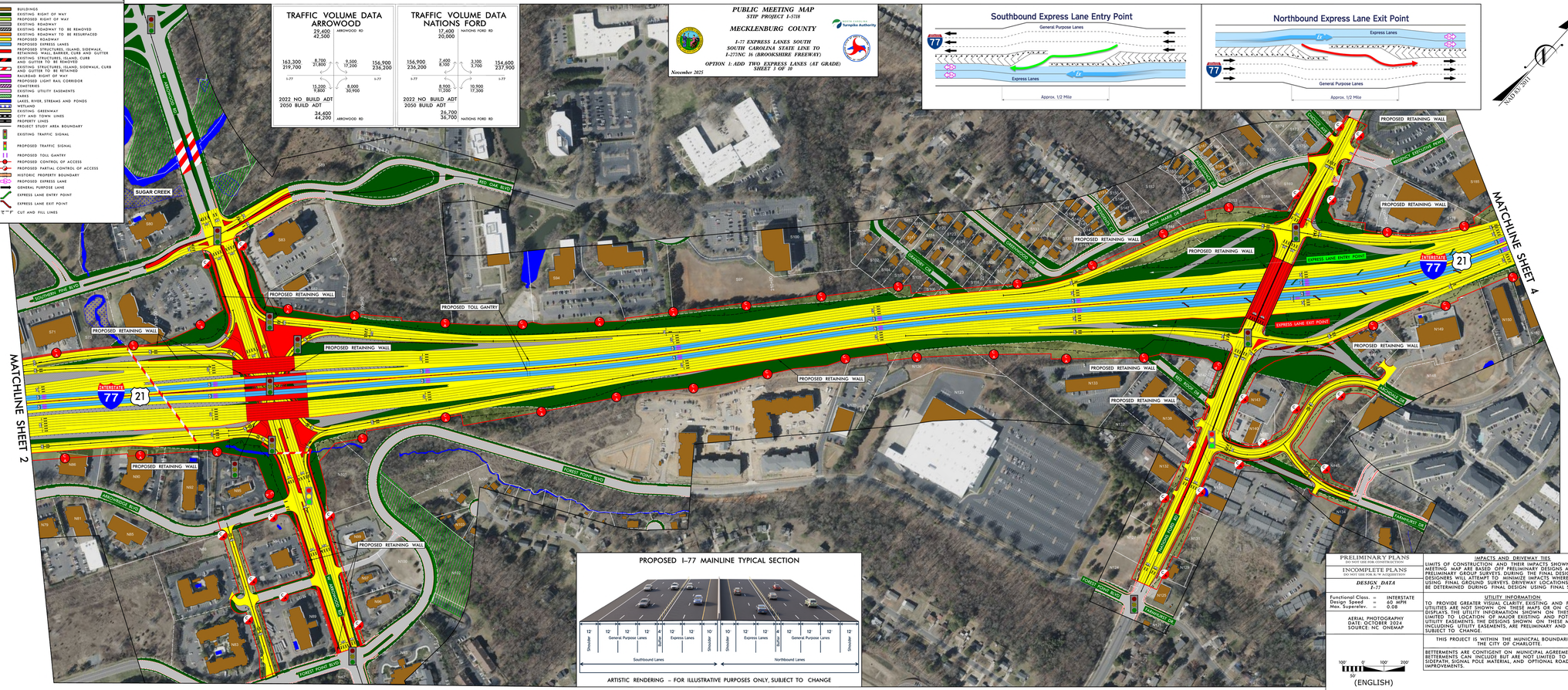
November 2025

SOUTH CAROLINA Turnpike Authority

Southbound Express Lane Entry Point

Northbound Express Lane Exit Point

NAD 1983 2011



PROPOSED I-77 MAINLINE TYPICAL SECTION

ARTISTIC RENDERING – FOR ILLUSTRATIVE PURPOSES ONLY, SUBJECT TO CHANGE

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DESIGN DATA
I-77

Functional Class	=	INTERSTATE
Design Speed	=	60 MPH
Max. Superelev.	=	0.08

AERIAL PHOTOGRAPHY
DATE: OCTOBER 2024
SOURCE: NC ONEMAP

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

IMPACTS AND DRIVEWAY TIES

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

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 DESIGNS SHOWN ON THESE MAPS, INCLUDING UTILITY EASEMENTS, ARE PRELIMINARY AND ARE SUBJECT TO CHANGE.

THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF CHARLOTTE.

BETTERMENTS ARE CONTIGENT ON MUNICIPAL AGREEMENTS. BETTERMENTS CAN INCLUDE BUT ARE NOT LIMITED TO: SIDEWALK, SIDEPATH, SIGNAL POLE MATERIAL, AND OPTIONAL ROAD IMPROVEMENTS.

PUBLIC MEETING MAP
STIP PROJECT I-5718

MECKLENBURG COUNTY

I-77 EXPRESS LANES SOUTH
SOUTH CAROLINA STATE LINE TO
I-277/NC 16 (BROOKSHIRE FREEWAY)

OPTION 1: ADD TWO EXPRESS LANES (AT GRADE)
SHEET 3 OF 10

November 2025

SOUTH CAROLINA Turnpike Authority

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