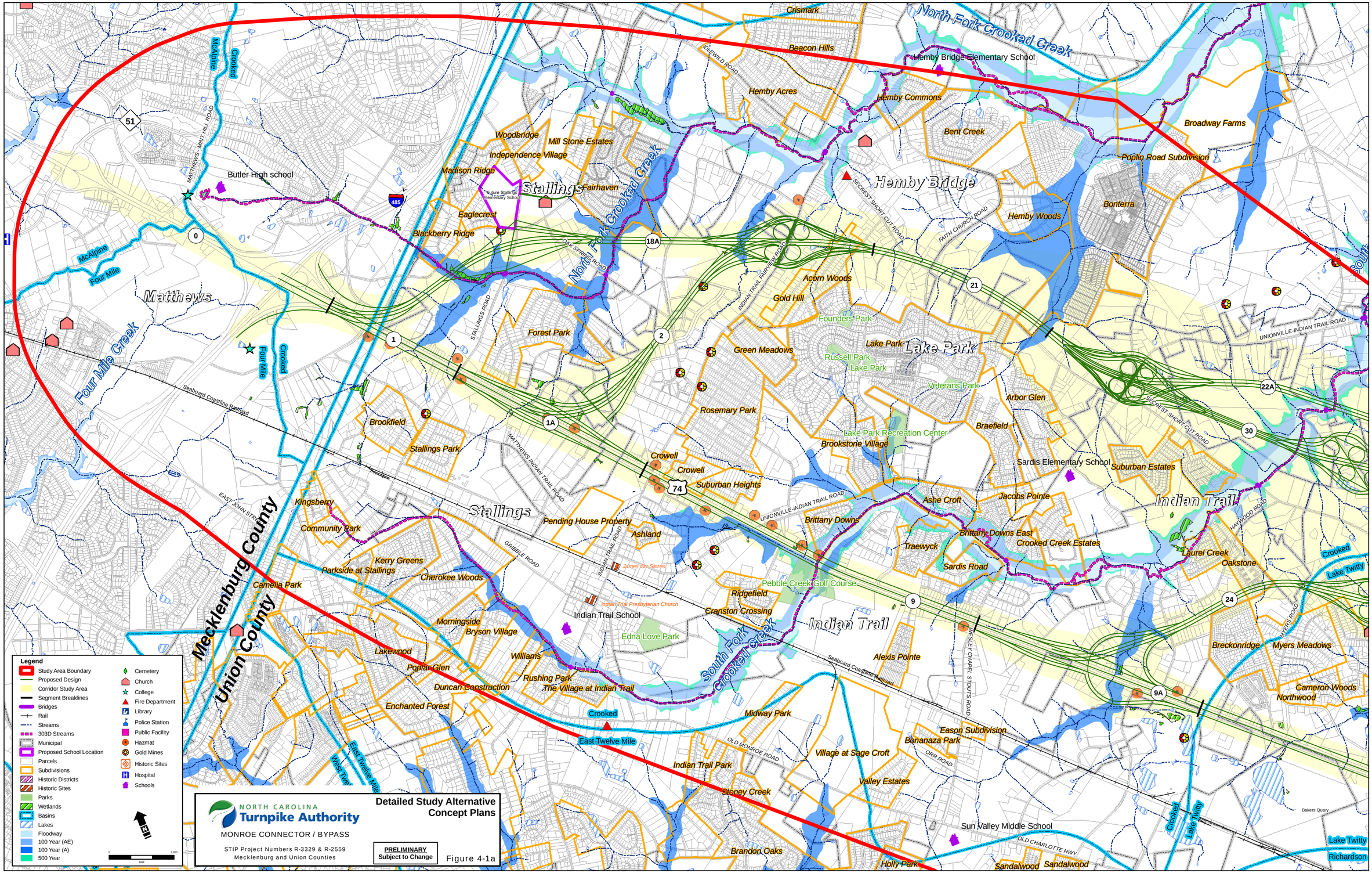


MonExt_New_Seg_No_Aerial_HalfScale.mxd 11-06-07

NORTH CAROLINA
Turnpike Authority

MONROE CONNECTOR / BYPASS

STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

PRELIMINARY
Subject to Change

Detailed Study Alternative Concept Plans

Figure 4-1b

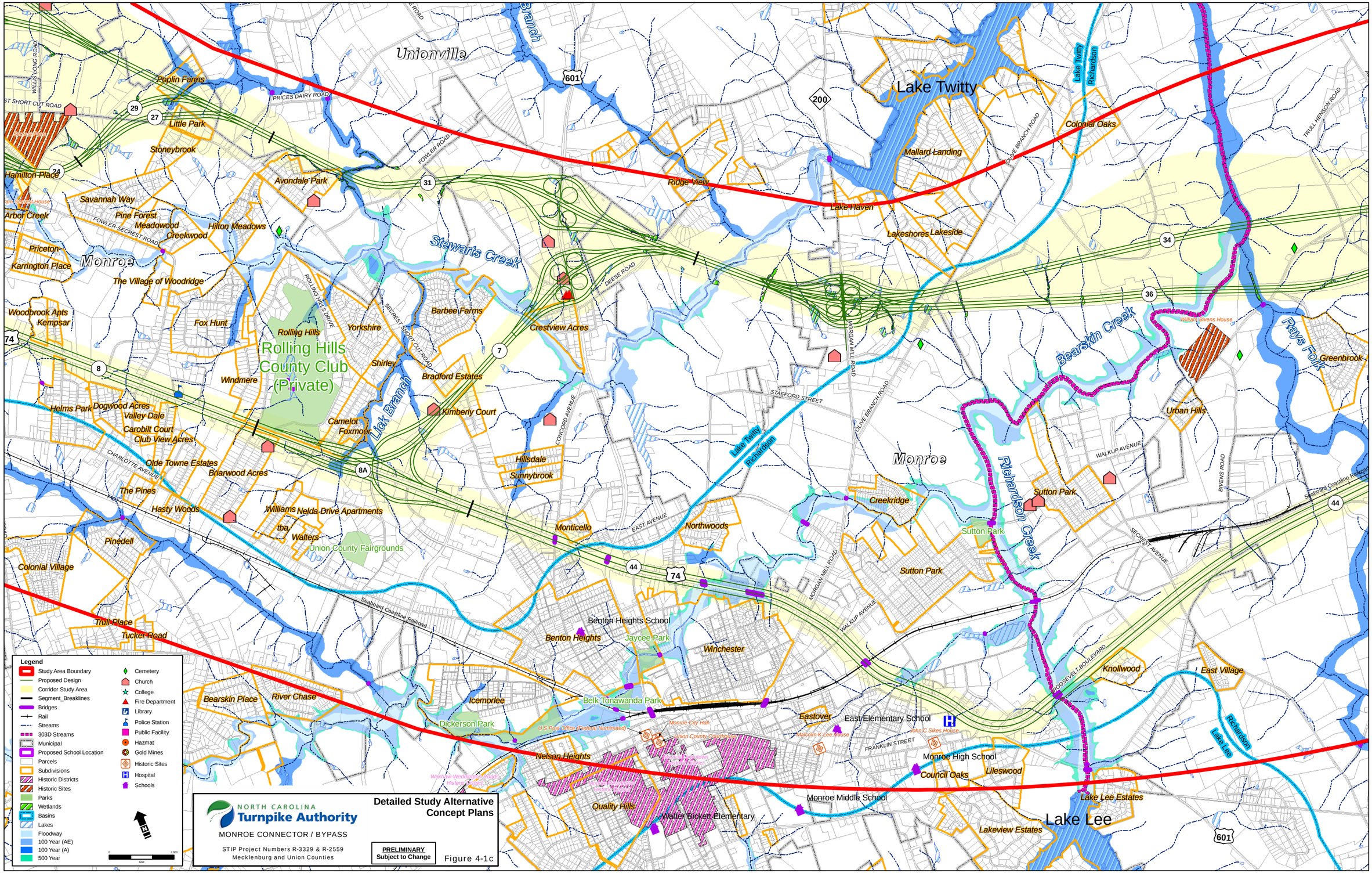
Legend

- Study Area Boundary
- Proposed Design
- Corridor Study Area
- Segment_Breaklines
- Bridges
- Rail
- Streams
- 303D Streams
- Municipal
- Proposed School Location
- Parcels
- Subdivisions
- Historic Districts
- Historic Sites
- Parks
- Wetlands
- Basins
- Lakes
- Floodway
- 100 Year (AE)
- 100 Year (A)
- 500 Year
- Cemetery
- Church
- College
- Fire Department
- Library
- Police Station
- Public Facility
- Hazmat
- Gold Mines
- Historic Sites
- Hospital
- Schools

N

0 2,000 Feet

MonExt_New_Seg_No_Aerial_HalfScale.mxd 11-06-07



MonExt_New_Seg_No_Aerial_HalfScale.mxd 11-06-07

Lake Twitty
Lake Twitty
Richardson
Colonial Oaks
Mallard Landing
BLUE BRANCH ROAD
Lakeside
Lakeshores
34
36
Bearskin Creek
William Bivens House
Rays Fork
Greenbrook
Edgewood Farms
Edgewood Acres
Englewood Drive
Urban Hills
WALKUP AVENUE
BIVENS ROAD
Richardson Creek
Sutton Park
Sutton Park
Sutton Park
SECREST AVENUE
ROOSEVELT BOULEVARD
Knollwood
East Village
Richardson
Lake Lee
Lileswood
Council Oaks
Lakeview Estates
Lake Lee Estates
Lake Lee
TRULL HENSON ROAD
AUSTIN CHAPEL ROAD
MONROE-ANSONVILLE ROAD
Meadow Branch
Vista Ridge
College Grove Tanglewood
Tanglewood
Eastwood
Perry McIntyre Farm
Windward Oaks
Glencroft
PHIFFER ROAD
College Park
Colonial Meadows
Greenwood
Timberhills
OLD WILLIAMS ROAD
ZEB GOODMAN ROAD
Seaboard Coastline Railroad
44
Wingate Elementary School
Wingate
Proposed Duplex Subdivision
The Trellis
Meadowview
SUMMERLIN DAIRY ROAD
SOUTH MAIN STREET
SYCAMORE GROVE ROAD
OLD MONROE MARSHVILLE ROAD
S HARRIS ROAD
ANSONVILLE ROAD
Negro
AUSTIN GROVE CHURCH ROAD
Marshville Elementray School
Marshville
East Union Middle School
41
40
42
43
Forest Hills School
74
FOREST HILLS SCHOOL ROAD
OLD HIGHWAY ROAD
Richardson
Lake Lee

Legend

- Study Area Boundary
- Proposed Design
- Corridor Study Area
- Segment_Breaklines
- Bridges
- Rail
- Streams
- 303D Streams
- Municipal
- Proposed School Location
- Parcels
- Subdivisions
- Historic Districts
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- Wetlands
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- 100 Year (AE)
- 100 Year (A)
- 500 Year
- Cemetery
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- Police Station
- Public Facility
- Hazmat
- Gold Mines
- Historic Sites
- Hospital
- Schools

N

0 2,000 Feet

NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

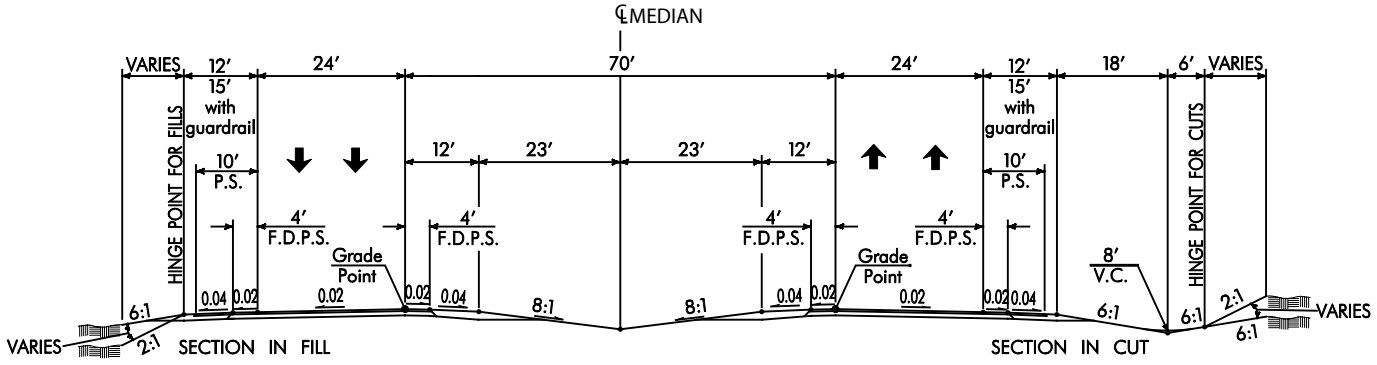
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Detailed Study Alternative Concept Plans

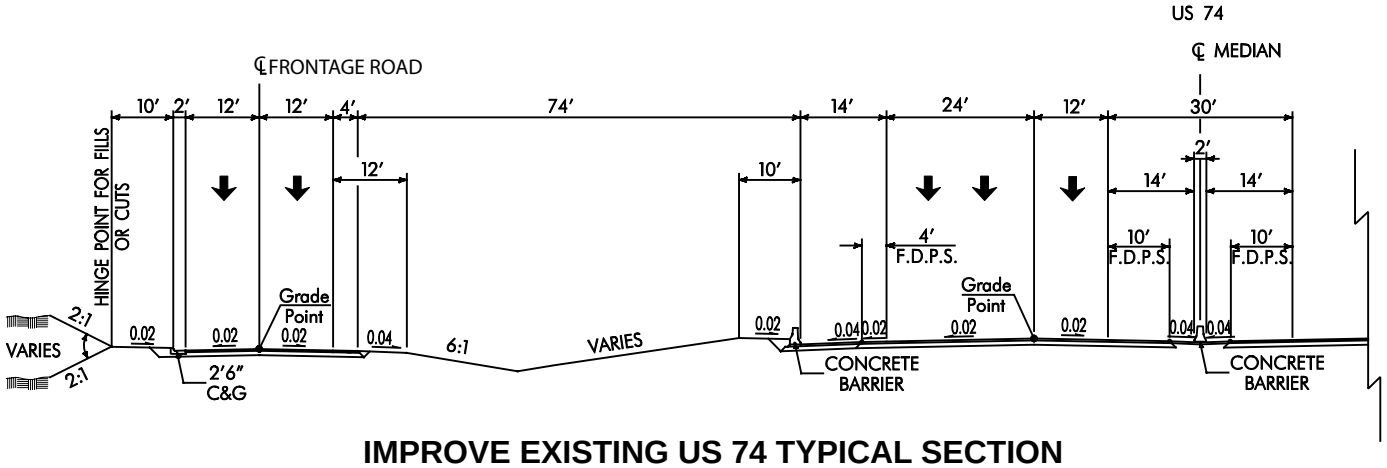
PRELIMINARY
Subject to Change

Figure 4-1d

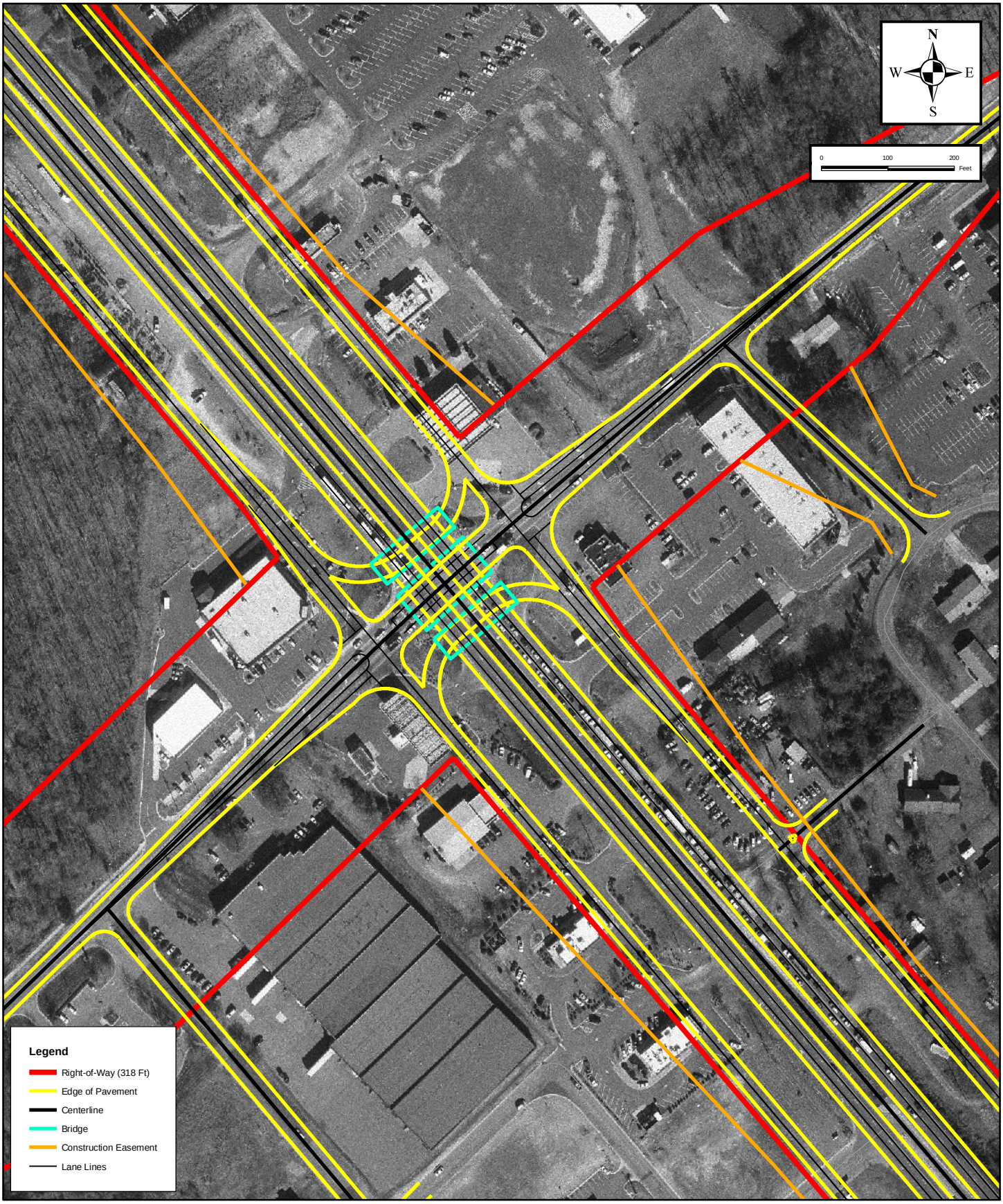
MonExt_New_Seg_No_Aerial_HalfScale.mxd 11-06-07



US 74 CONNECTOR/BYPASS TYPICAL SECTION
WITH A GRASS MEDIAN
(Typical ROW Width)



IMPROVE EXISTING US 74 TYPICAL SECTION
WITH FRONTAGE ROADS
(Typical ROW Width)



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Texas U-Turn Example

Figure 4-3

Texas_Uturn.mxd 11-02-07

Structure_Takes.mxd 11-05-07

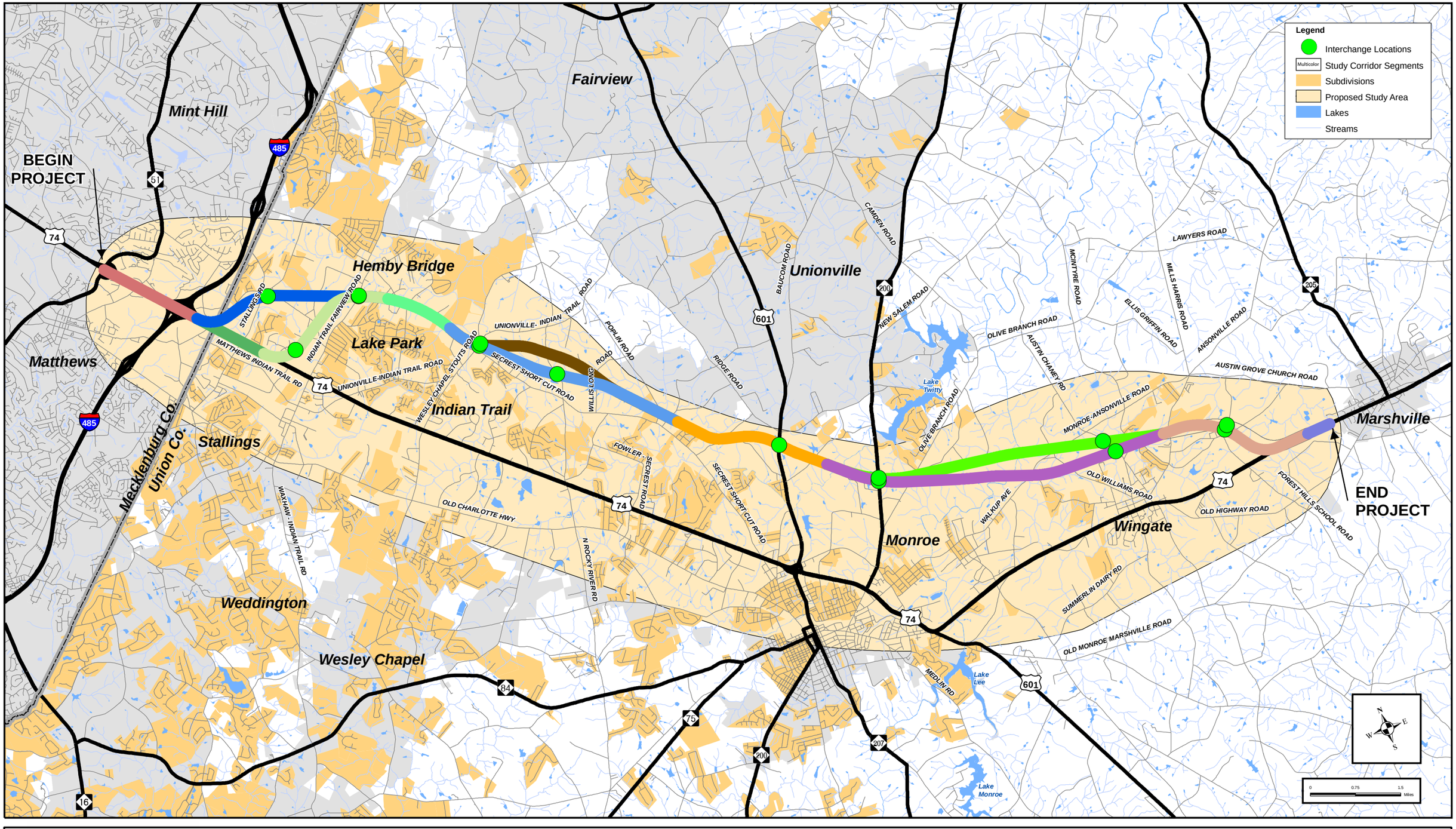
NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Typical Business Impacts Along US74

Figure 4-4



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

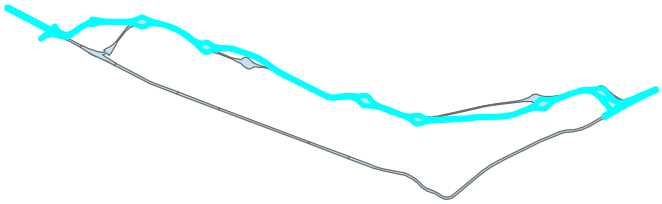
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Recommended Detailed Study Alternatives (November 2007)

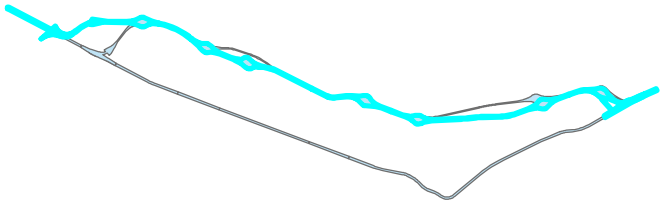
Figure 4-5

MonExt_Recommended_DSA.mxd 11-02-07

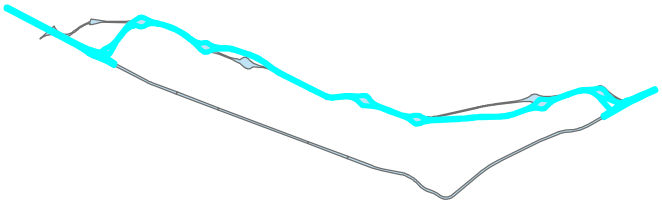
Alternative A



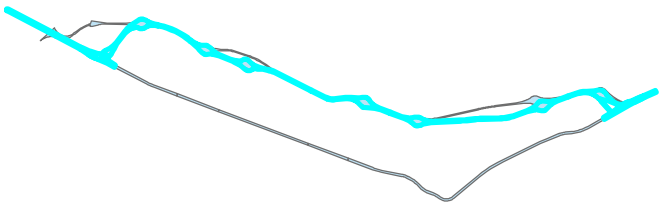
Alternative B



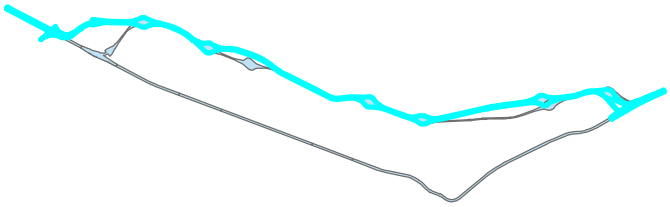
Alternative C



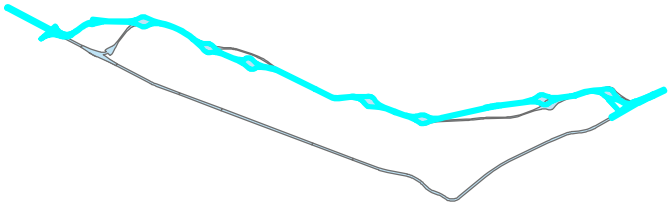
Alternative D



Alternative A1



Alternative B1



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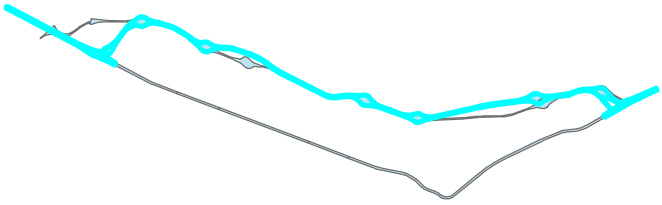

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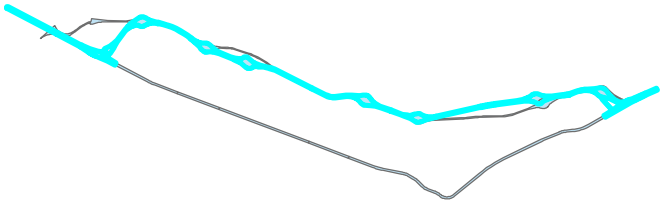


NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

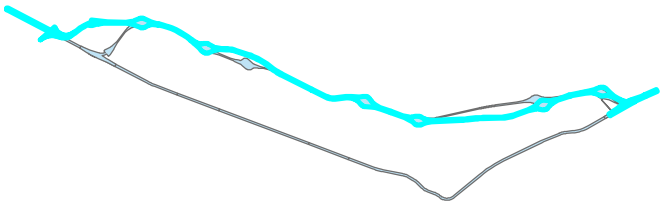
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Recommended Detailed Study Alternatives (November 2007)

Figure 4-6a

3-5abc-Recom_DSA.pdf 10-31-07

Alternative A2



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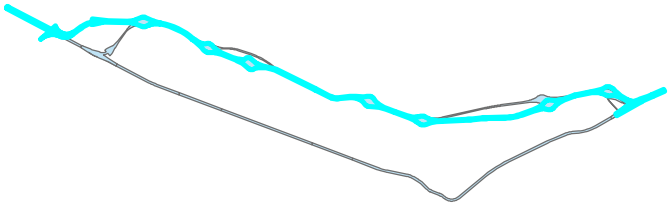
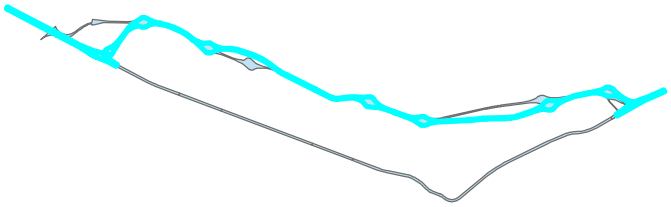


Alternative C2



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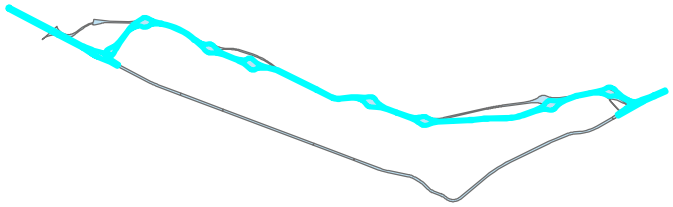

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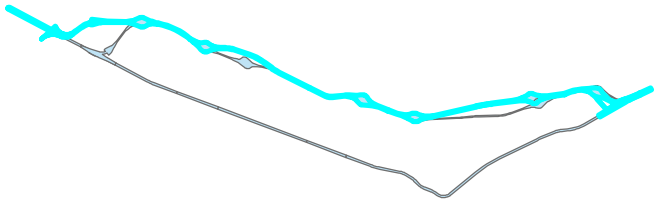

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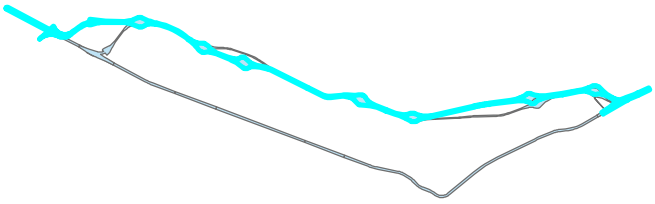

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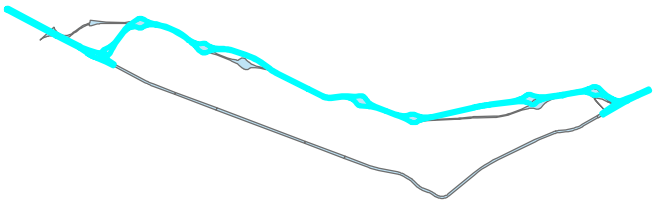

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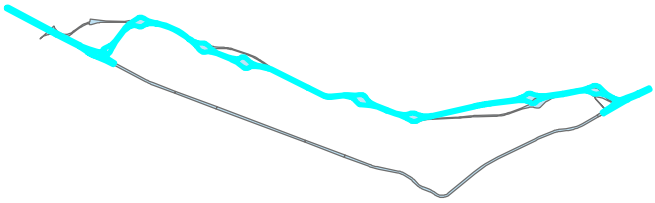

NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Recommended Detailed Study Alternatives (November 2007)

Figure 4-6b

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