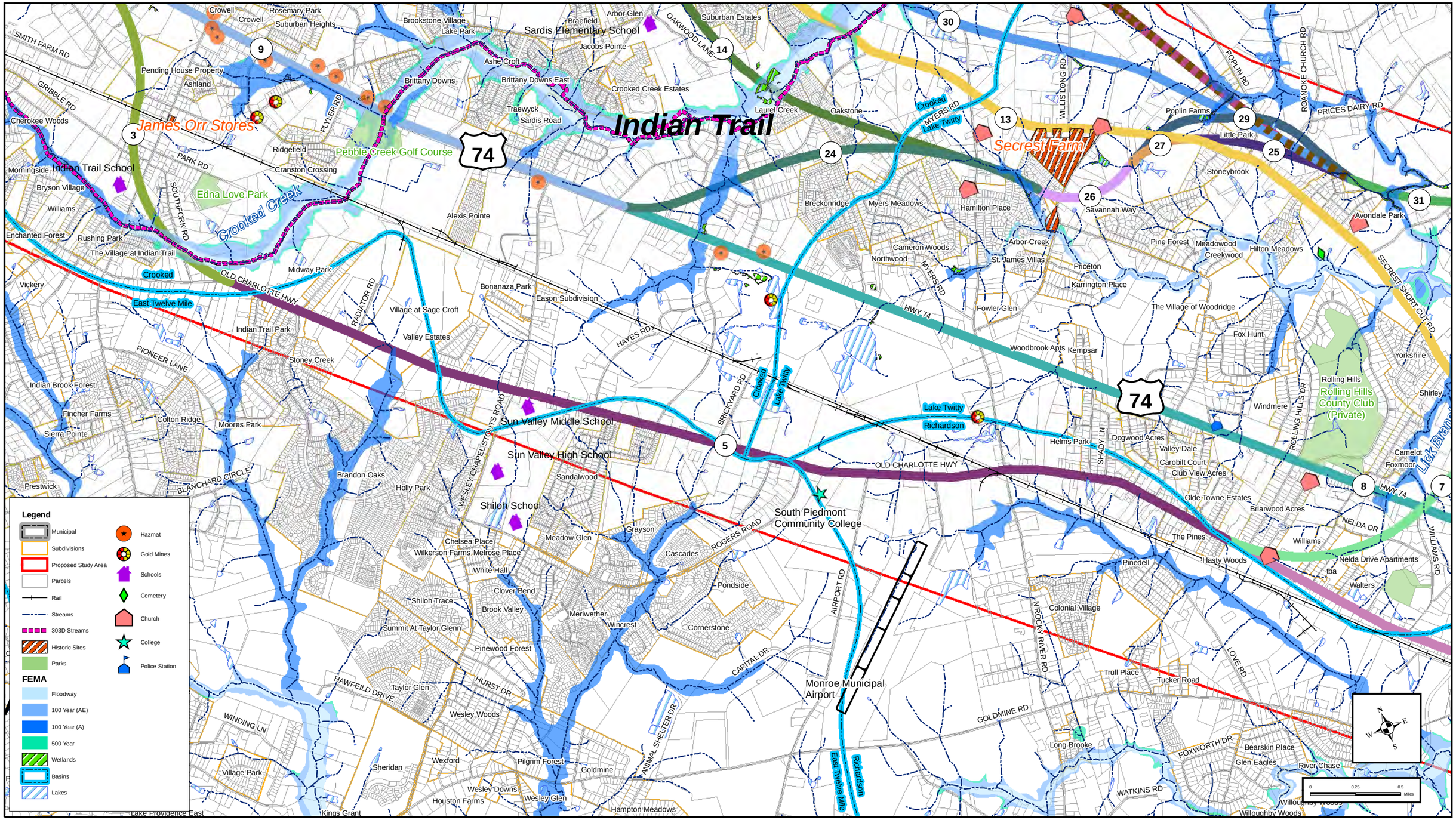


NORTH CAROLINA Turnpike Authority

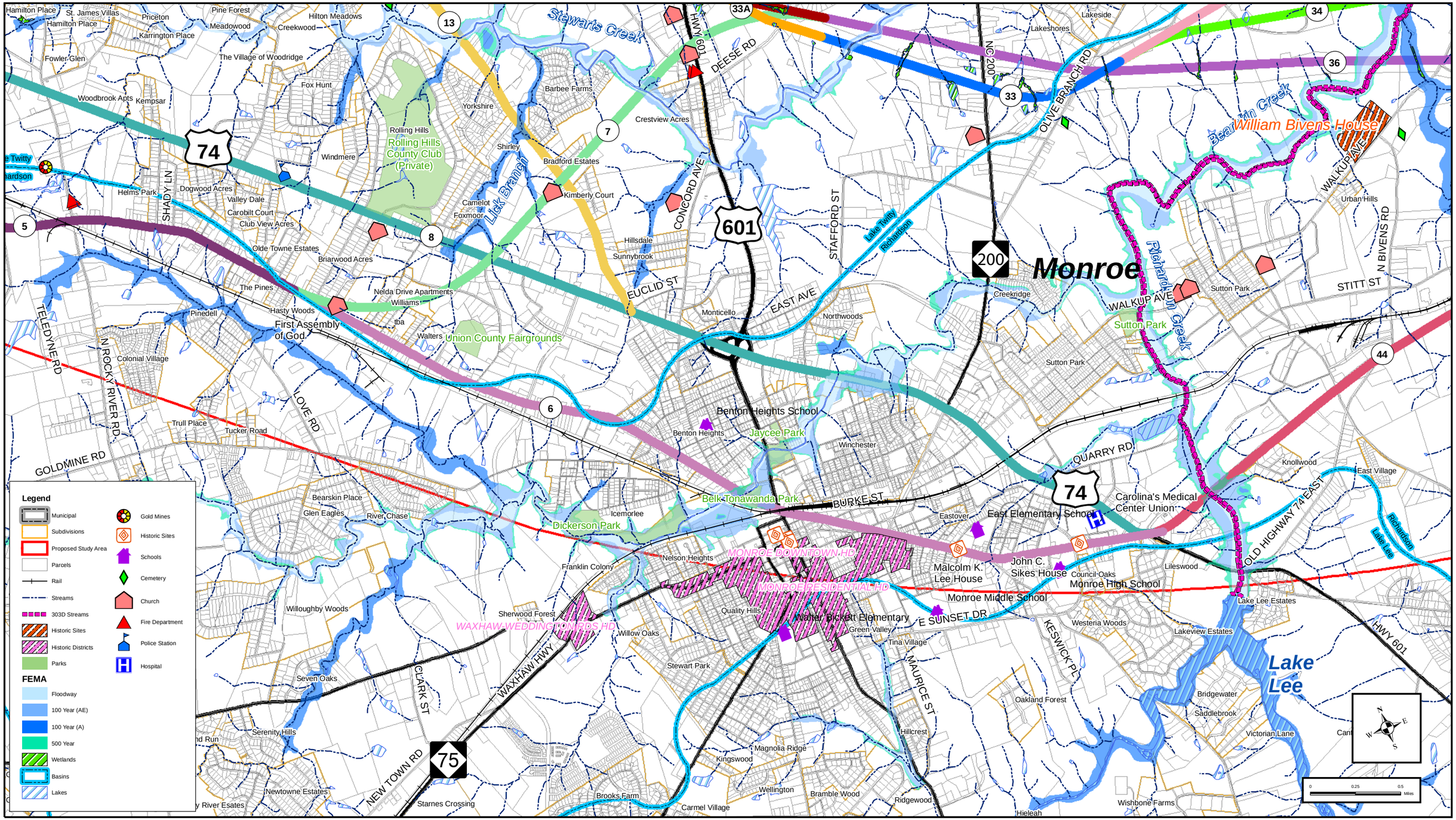
MONROE CONNECTOR / BYPASS

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

Individual Segment Assessment
Corridor Segment 5

Figure 3-1

MonExt_Snapshots_Segments3.mxd 10-21-07



MonExt_Snapshots_Segments2.mxd 10-21-07

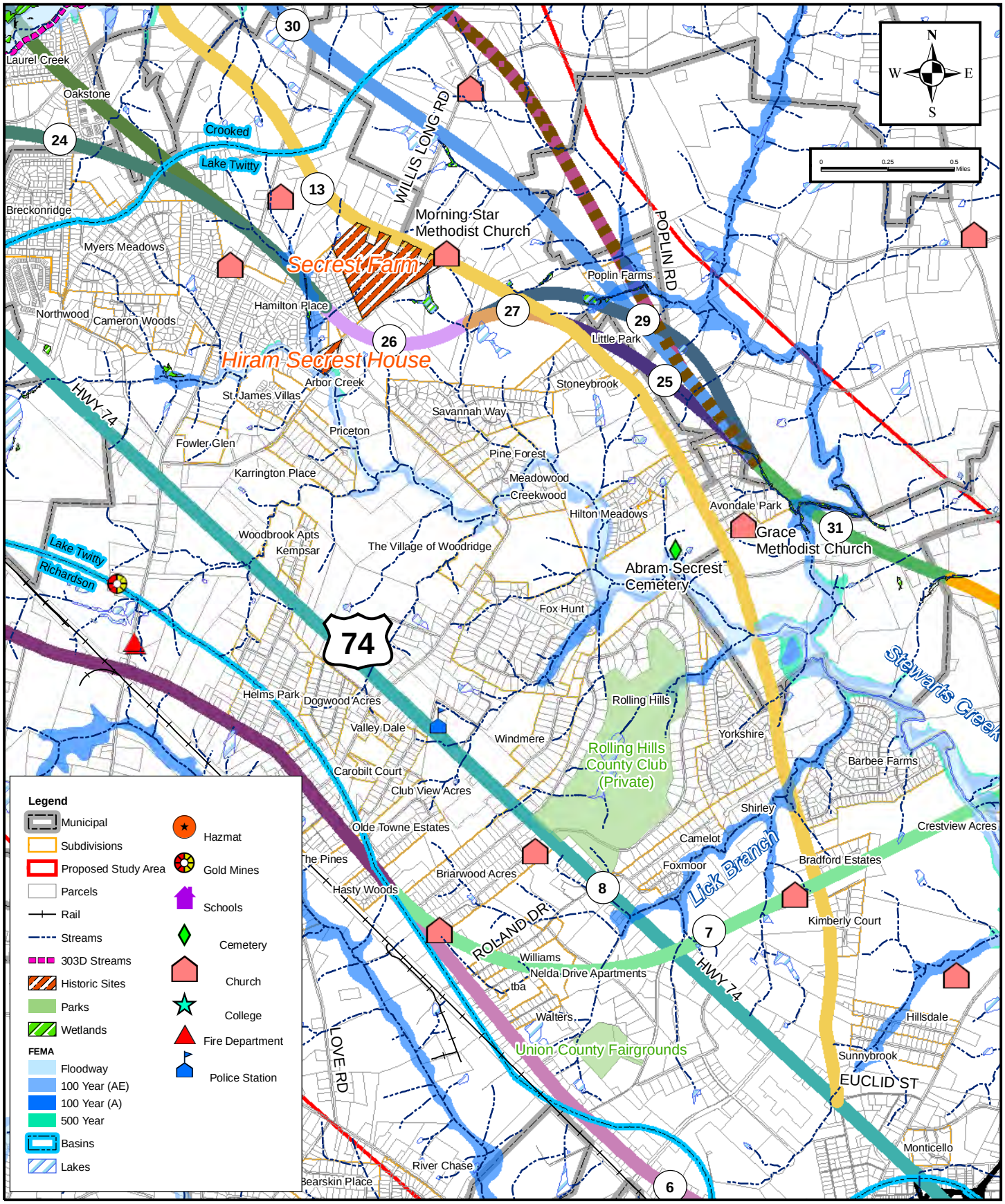
NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

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

Individual Segment Assessment
Corridor Segment 6

Figure 3-2



NORTH CAROLINA Turnpike Authority

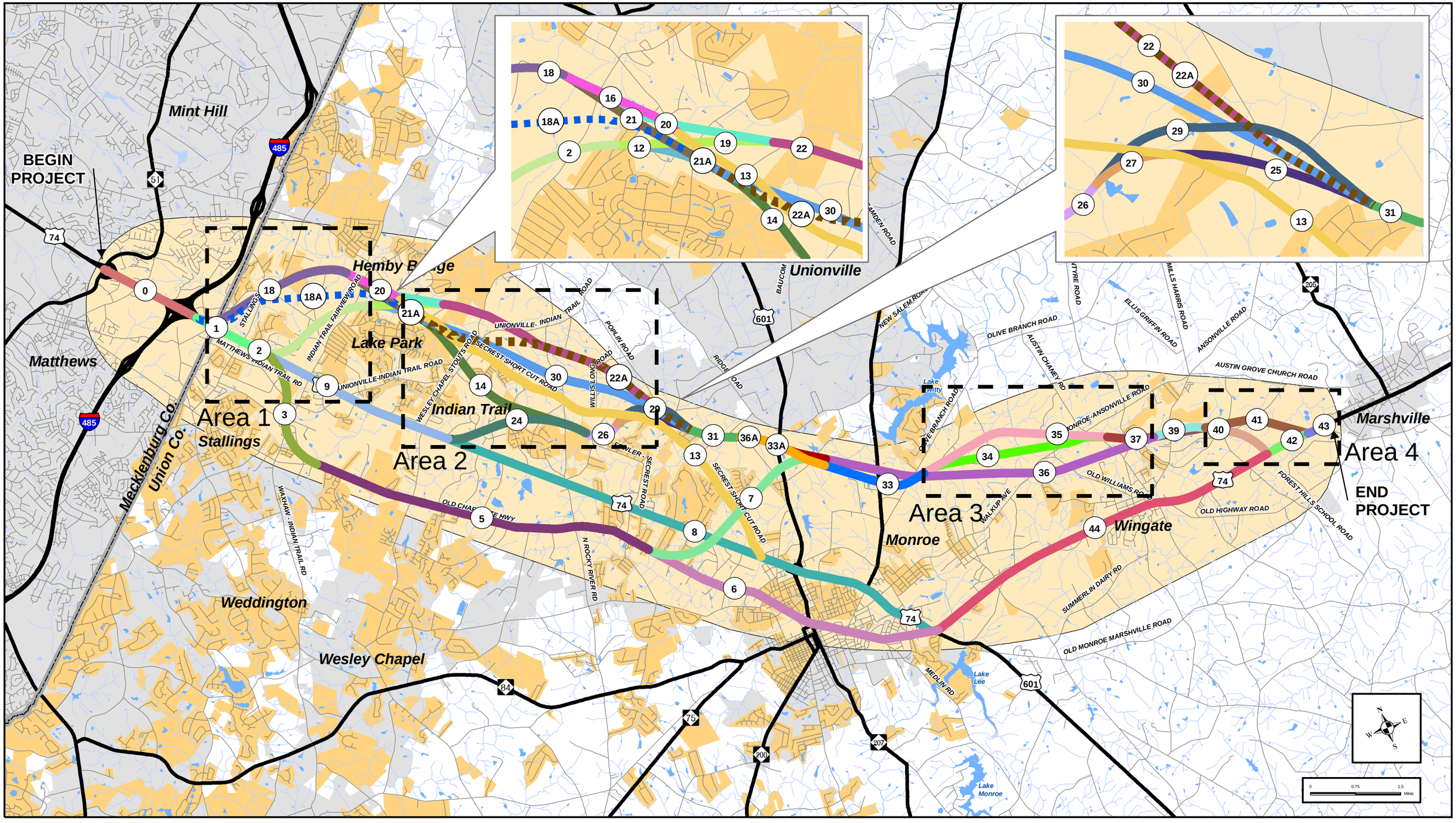
MONROE CONNECTOR / BYPASS

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

Individual Segment Assessment
Corridor Segment 13
(Willis Long Road to US 74)

Figure 3-3

MonExt_Snapshots_Segments4.mxd 11-01-07



NORTH CAROLINA Turnpike Authority

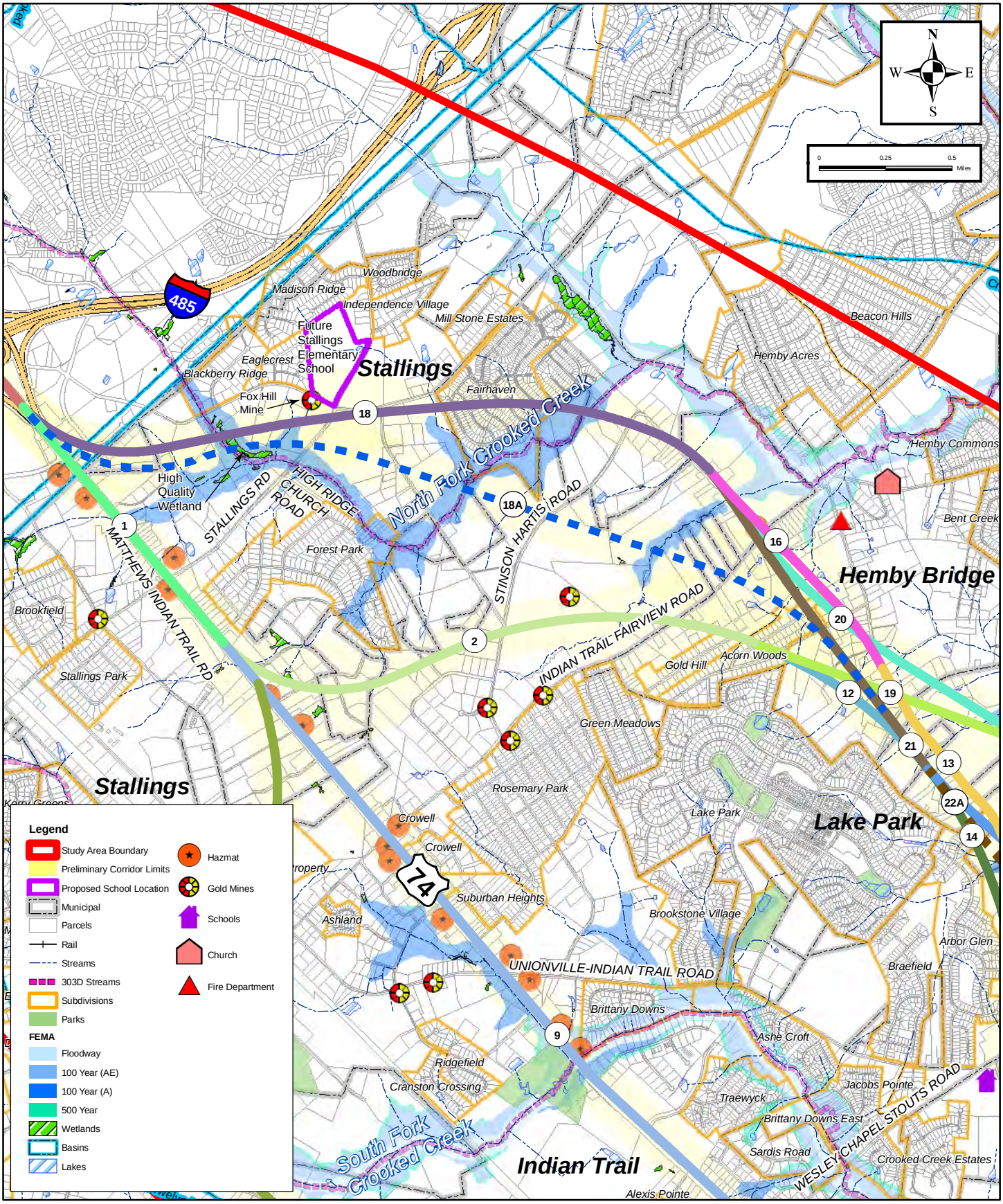
MONROE CONNECTOR / BYPASS

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

Preliminary Corridor Segments
(Relative Segment Comparison Areas)

Figure 3-4

MonExt_Snapshots_Prelim_Corr_Seg.mxd 10-16-07



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

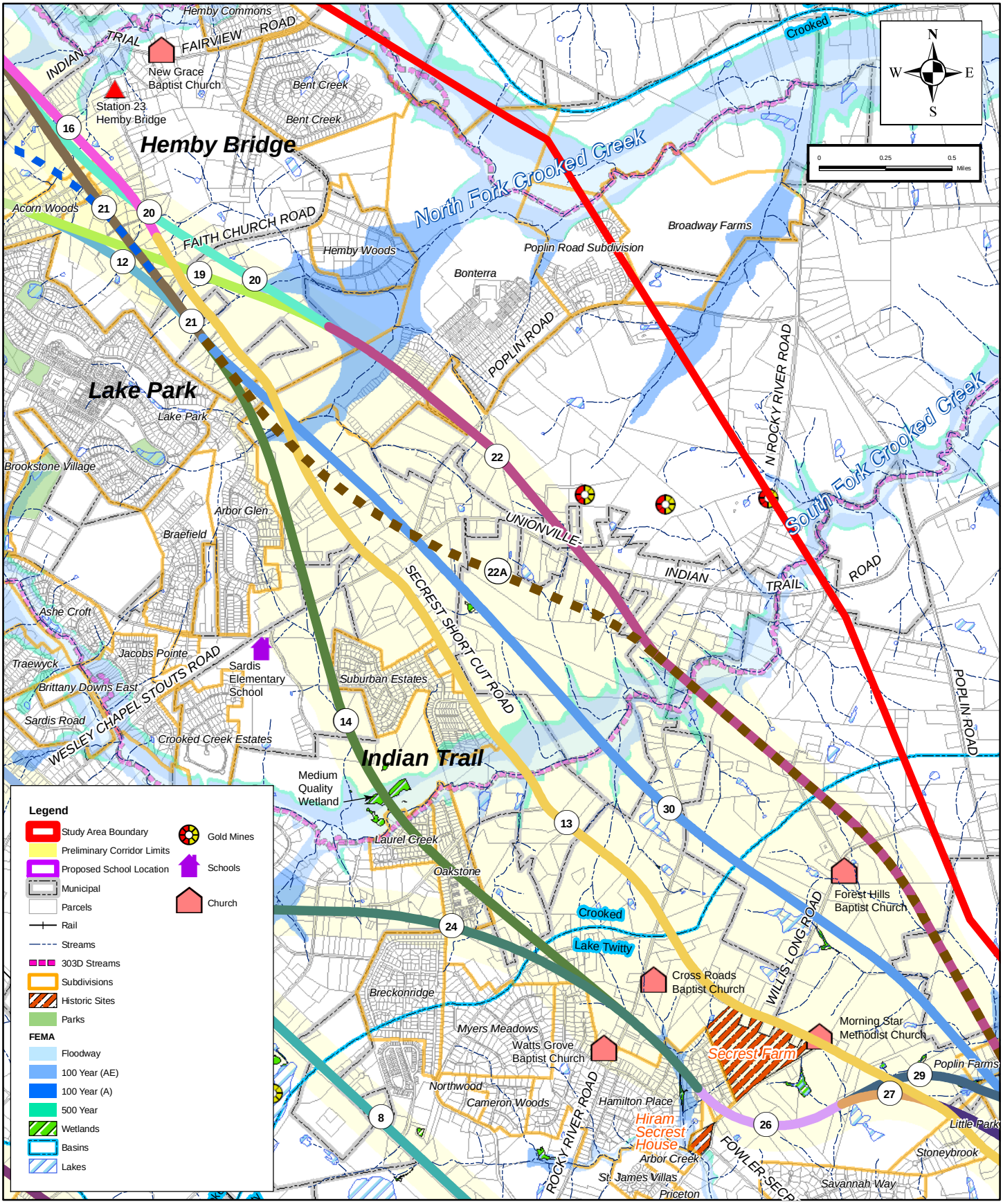
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Relative Segment Comparison Area 1

(From I-485 to Indian Trail Fairview Road)

Figure 3-5

MonExt_Snapshots_rev.pdf 10-29-07



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

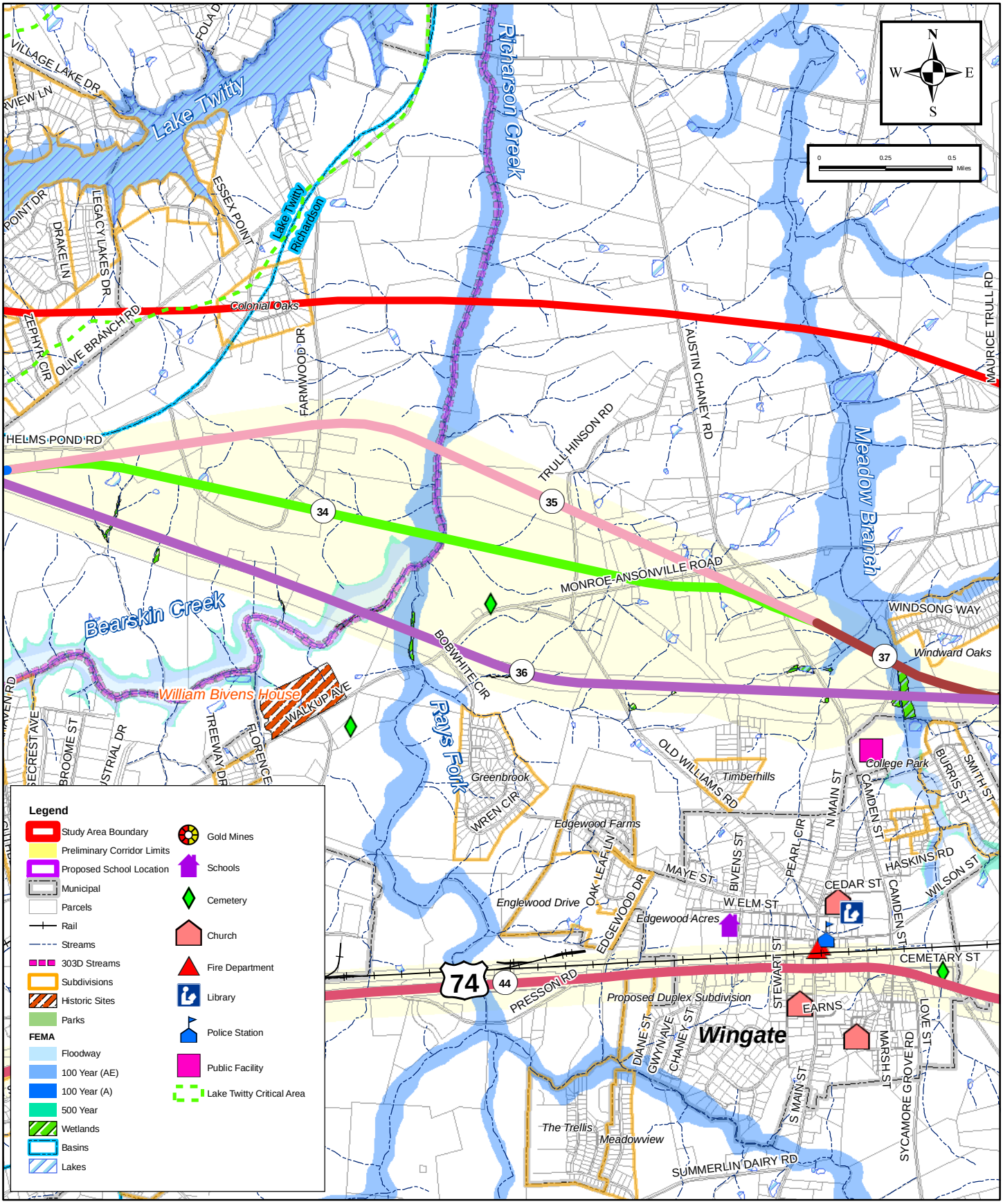
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Relative Segment Comparison Area 2

(From Indian Trail Fairview Road to East of Willis Long Road)

Figure 3-6

MonExt_Snapshots_test.mxd(ajl) 10-29-07



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

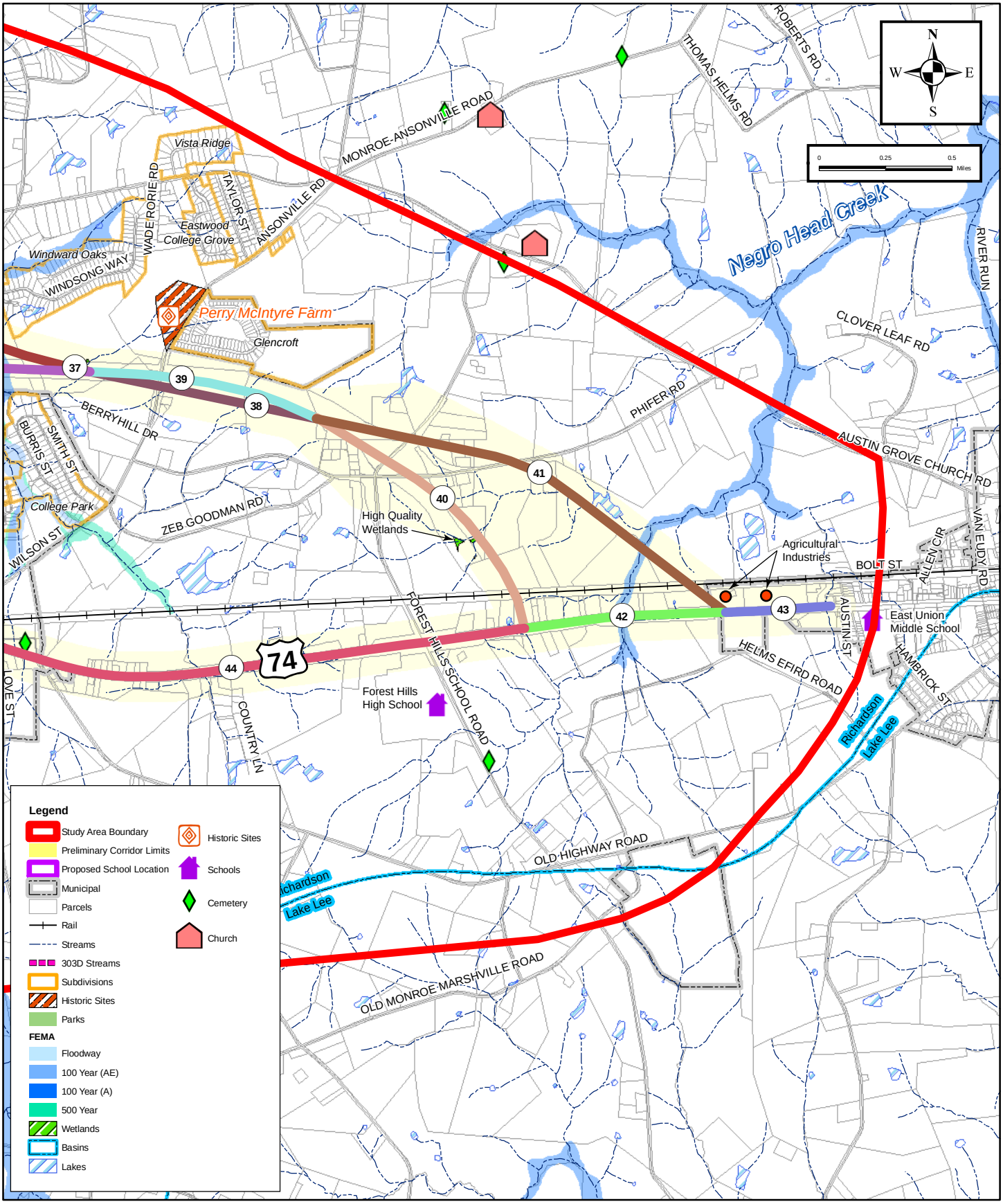
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Relative Segment Comparison Area 3

(From East of Olive Branch Road to East of Austin Chaney Road)

Figure 3-7

MonExt_Snapshots_test.mxd (ai) 11-2-07



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

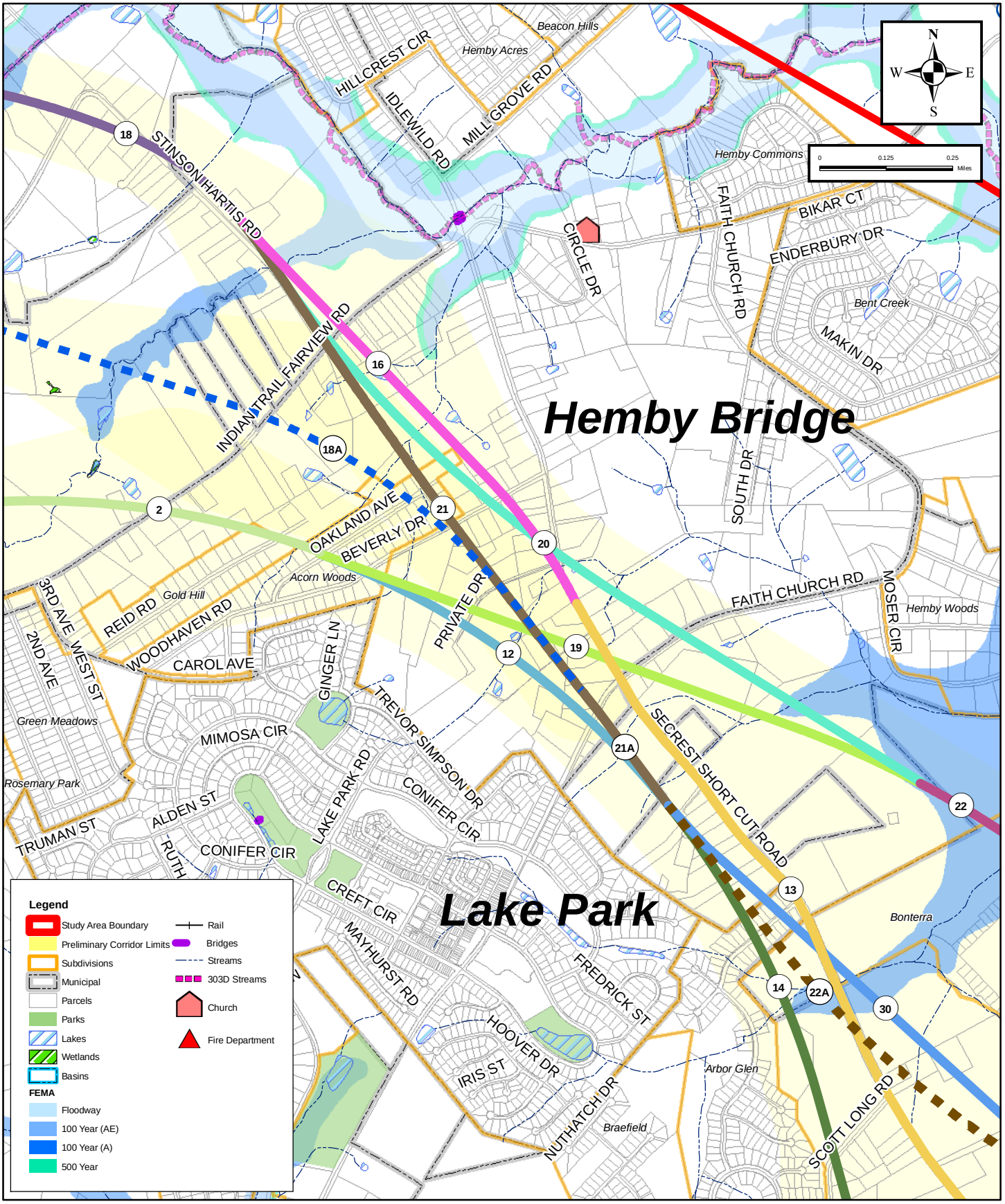
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Relative Segment Comparison Area 4

(From West of Forest Hill School Road to Existing US 74)

Figure 3-8

MonExt_Snapshots_test.mxd (aj) 10-31-07



NORTH CAROLINA Turnpike Authority

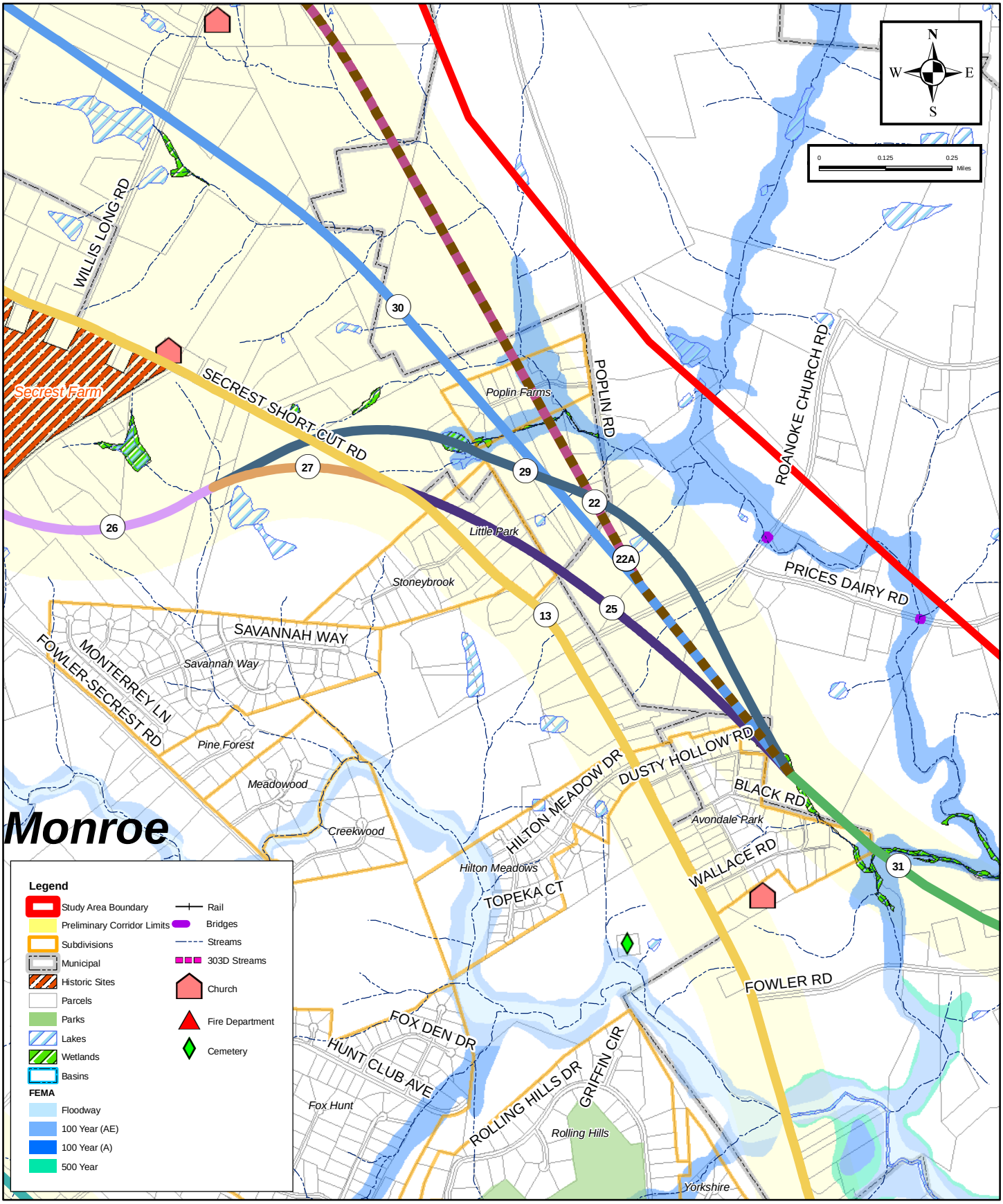
MONROE CONNECTOR / BYPASS

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

Corridor Segments 16, 20, 21, 19, 12, 21A Study Area

Figure 3-9

MonExt_Snapshots_ZoomIn.mxd 11-01-07



NORTH CAROLINA Turnpike Authority

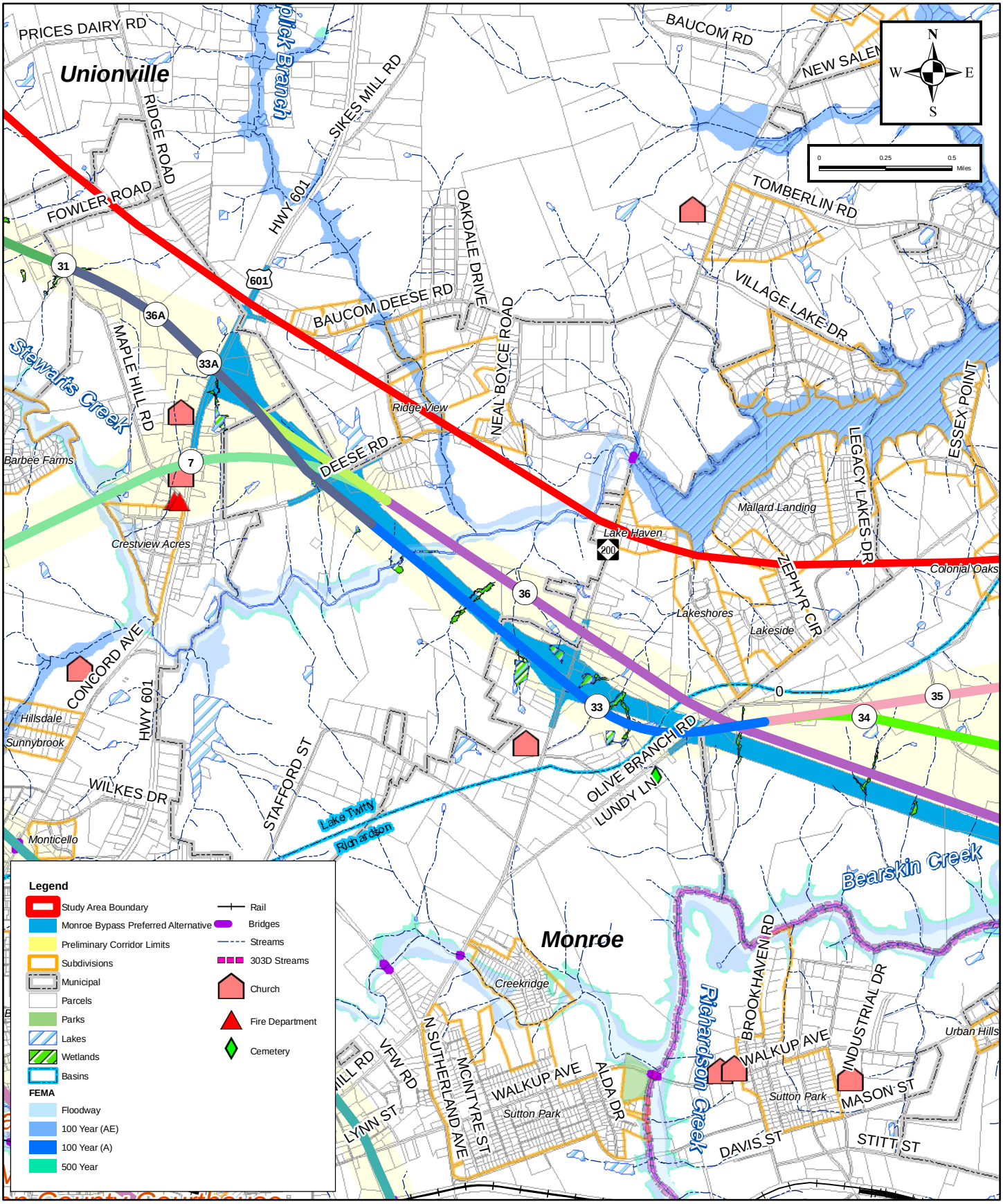
MONROE CONNECTOR / BYPASS

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

Corridor Segments 27, 25, 29 Study Area

Figure 3-10

MonExt_Snapshots_ZoomIn.mxd 11-01-07



NORTH CAROLINA Turnpike Authority

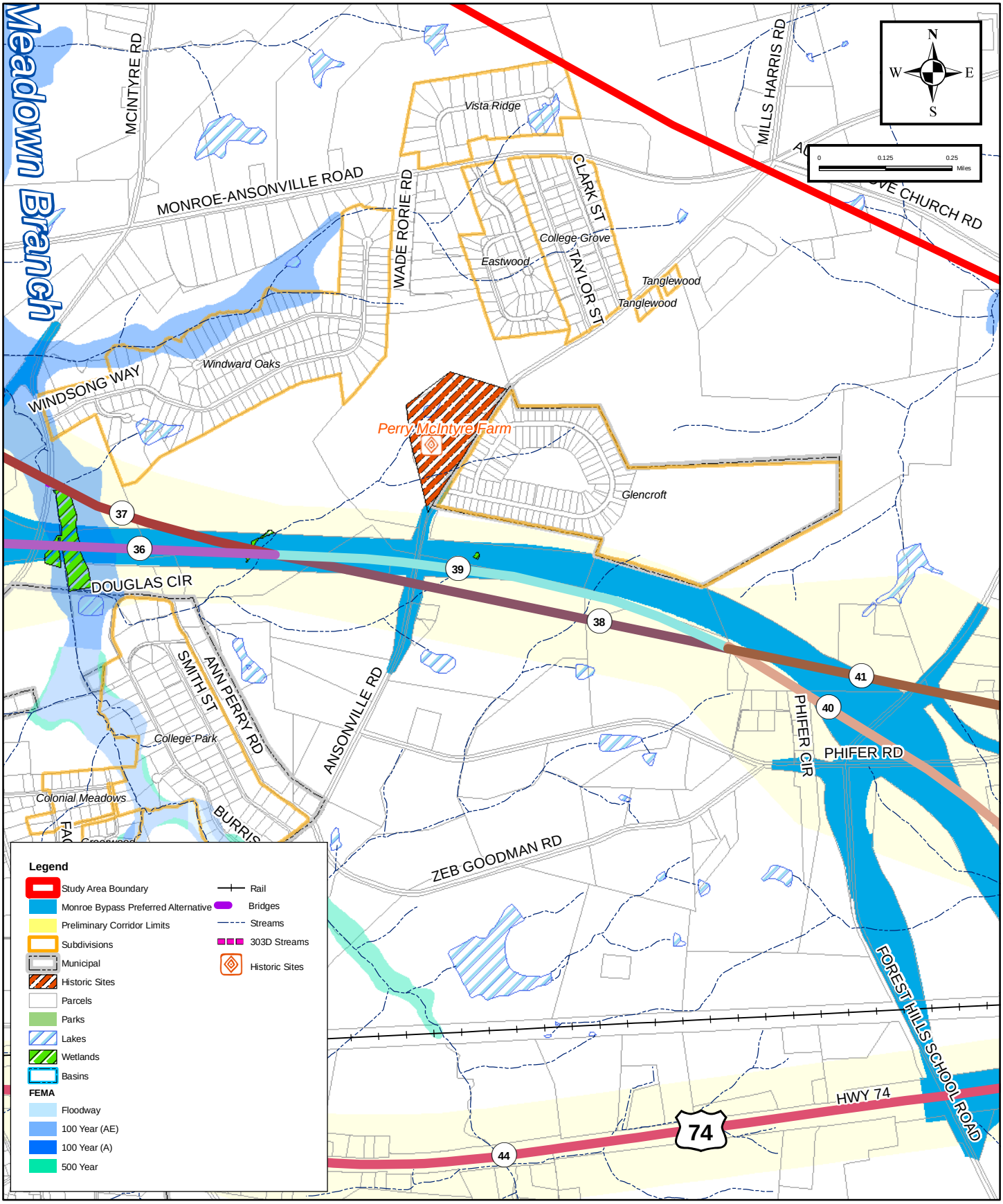
MONROE CONNECTOR / BYPASS

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

Corridor Segments 33A, 33, 36 Study Area

Figure 3-11

MonExt_Snapshots_ZoomIn.mxd 11-01-07



NORTH CAROLINA Turnpike Authority

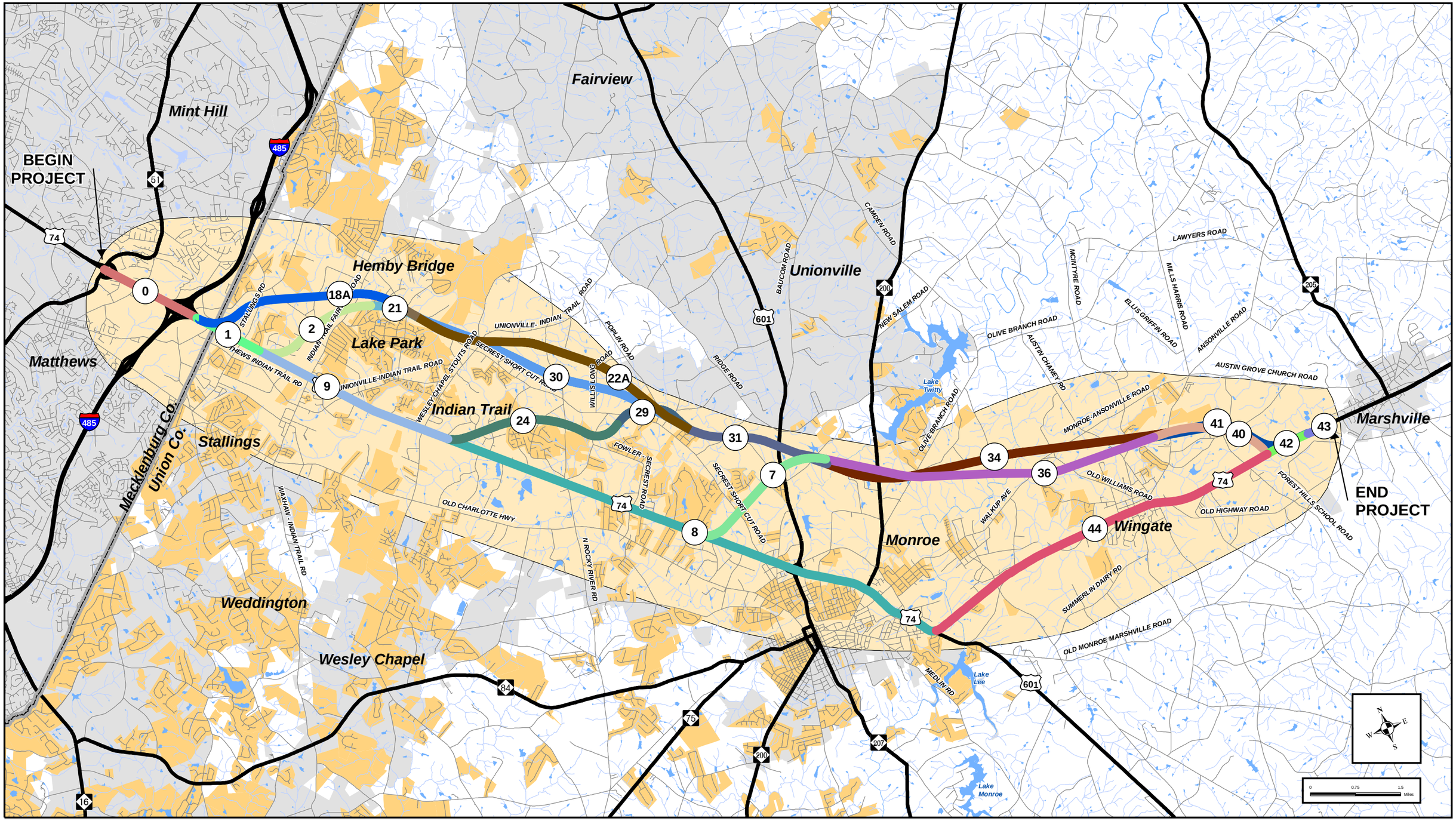
MONROE CONNECTOR / BYPASS

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

Corridor Segments 38 and 39 Study Area

Figure 3-12

MonExt_Snapshots_ZoomIn.mxd 11-01-07



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

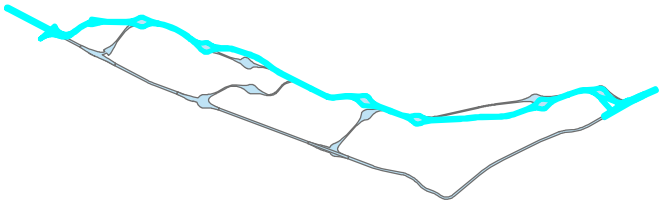
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Preliminary Corridor Segments for Quantitative Third Screening

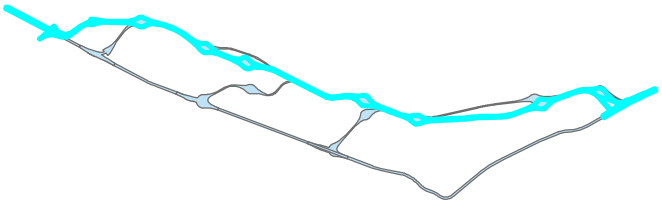
Figure 3-13

MonEx1_Snapshots_11x17_Rev2.mxd 11-02-07

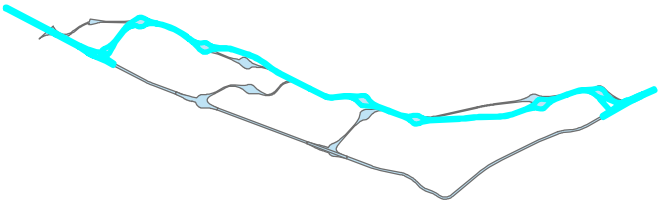
Alternative A



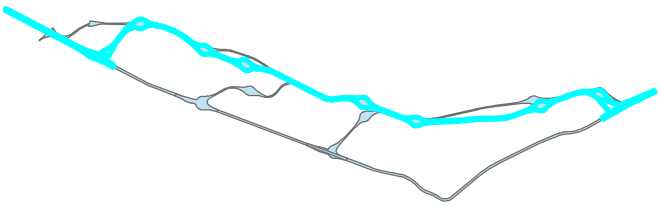
Alternative B



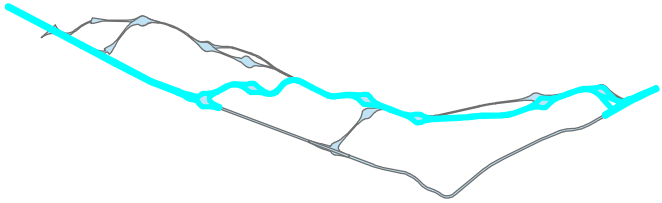
Alternative C



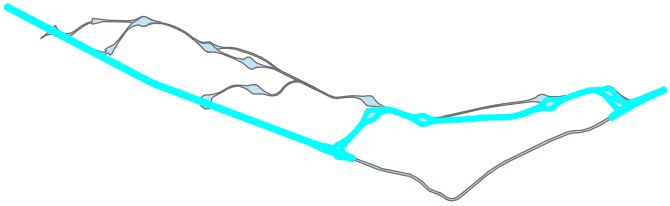
Alternative D



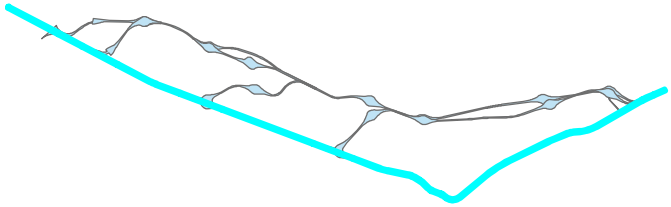
Alternative E



Alternative F



Alternative G



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

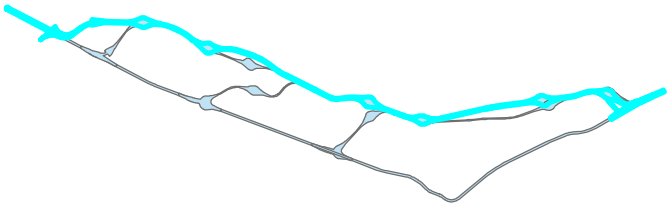
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Preliminary Study Alternatives

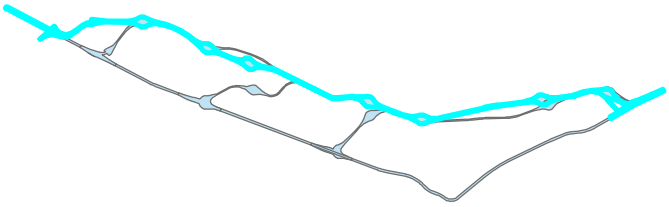
Figure 3-14a

2-17abcd_Prelim_Corr_Seg.pdf 10-31-07

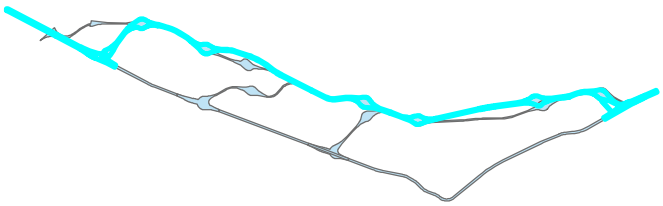
Alternative A1



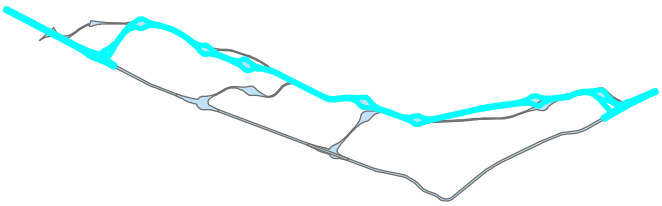
Alternative B1



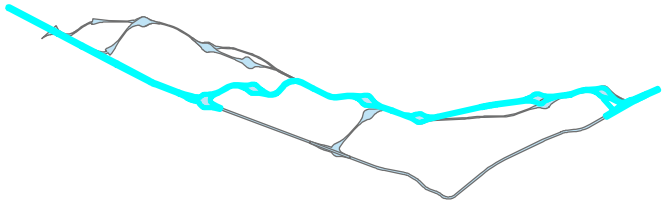
Alternative C1



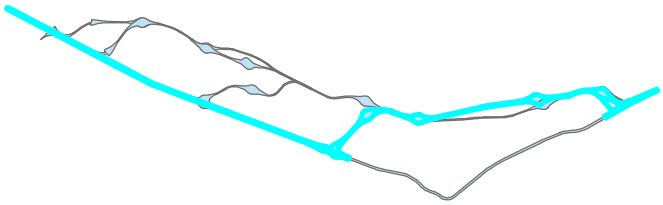
Alternative D1



Alternative E1



Alternative F1



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

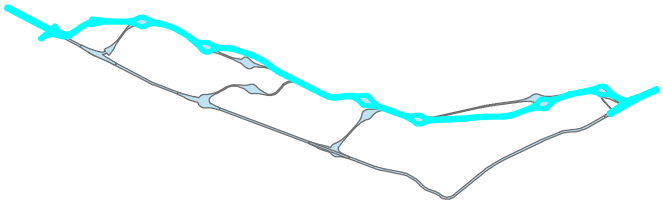
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Preliminary Study Alternatives

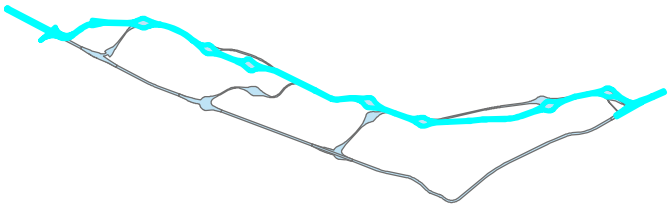
Figure 3-14b

2-17abcd_Prelim_Corr_Seg.pdf 10-31-07

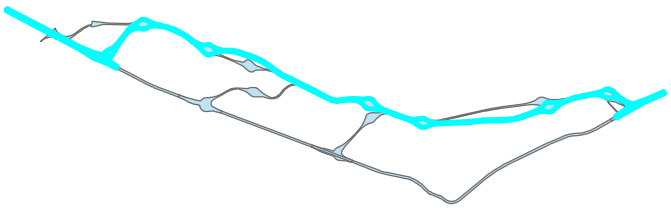
Alternative A2



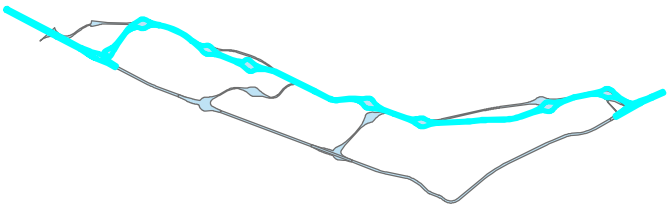
Alternative B2



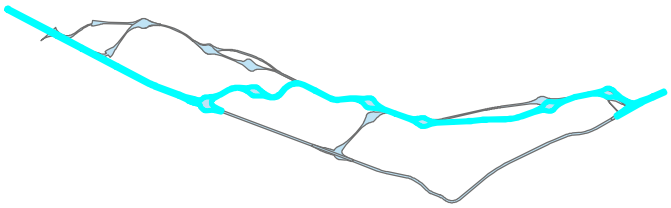
Alternative C2



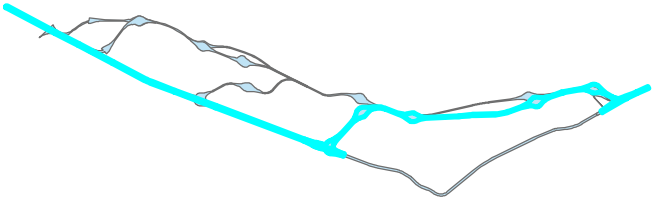
Alternative D2



Alternative E2



Alternative F2



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

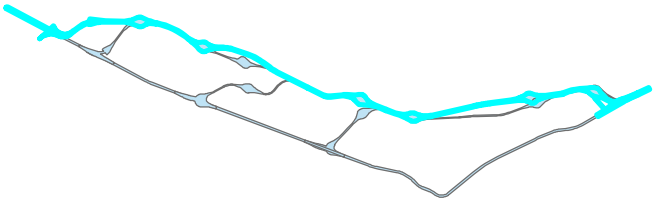
STIP Project Numbers R-3329 & R-2559
Mecklenburg and Union Counties

Preliminary Study Alternatives

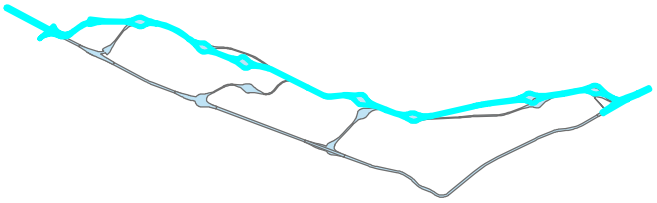
Figure 3-14c

2-17abcd_Prelim_Corr_Seg.pdf 10-31-07

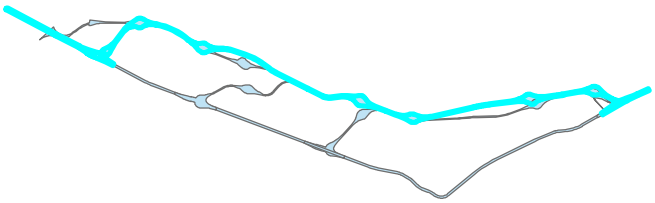
Alternative A3



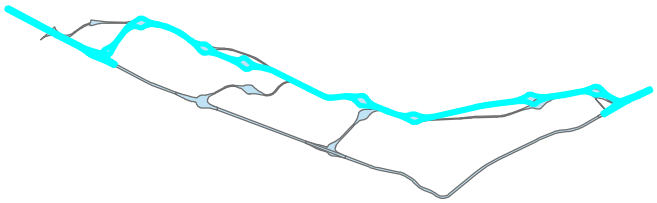
Alternative B3



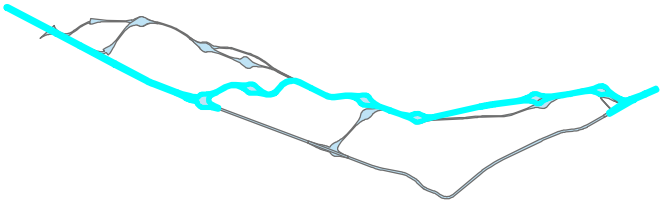
Alternative C3



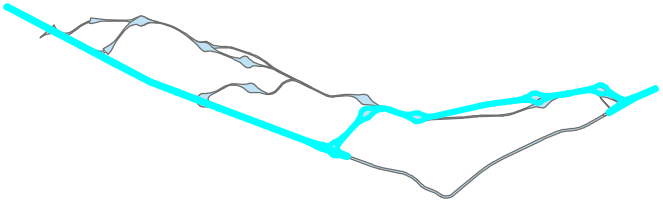
Alternative D3



Alternative E3



Alternative F3



NORTH CAROLINA Turnpike Authority

MONROE CONNECTOR / BYPASS

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

Preliminary Study Alternatives

Figure 3-14d

2-17abcd_Prelim_Corr_Seg.pdf 10-31-07