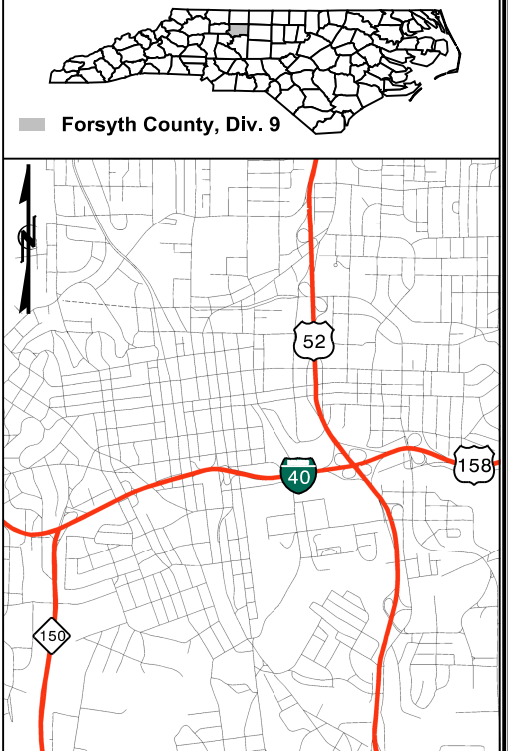
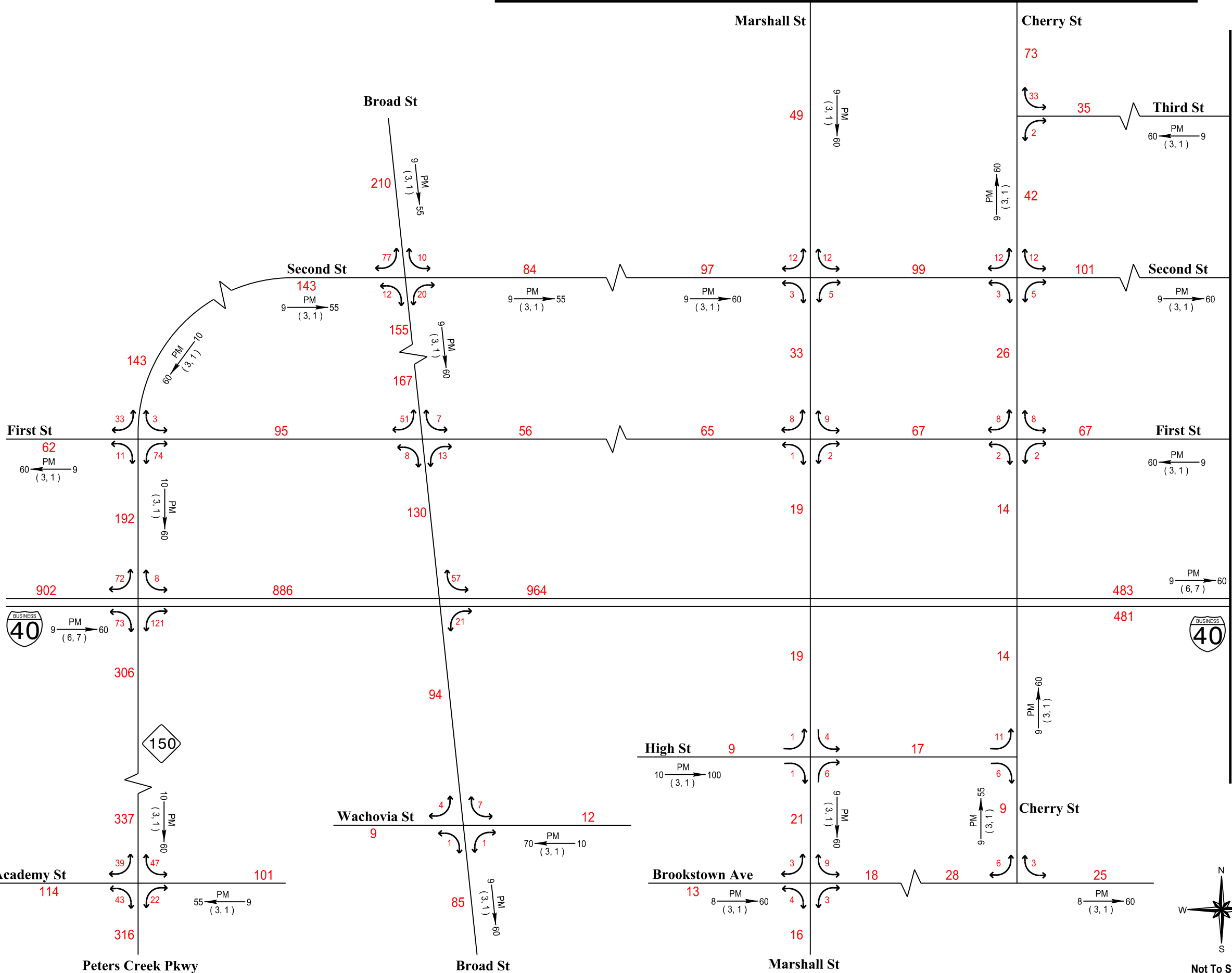


MATCHLINE B

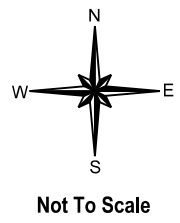


2040

ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 3
FIGURE 21
SHEET 1 OF 3

- LEGEND**
- DHV $\xrightarrow{\text{PM}}$ D (d,t)
 - 000 No. of Vehicles Per Day in 100's
 - DHV Design Hourly Volume (%)
 - D Peak Hour Directional Split (%)
 - PM PM Peak Period
 - \rightarrow Direction of D
 - (d,t) Duals, TT-ST's (%)

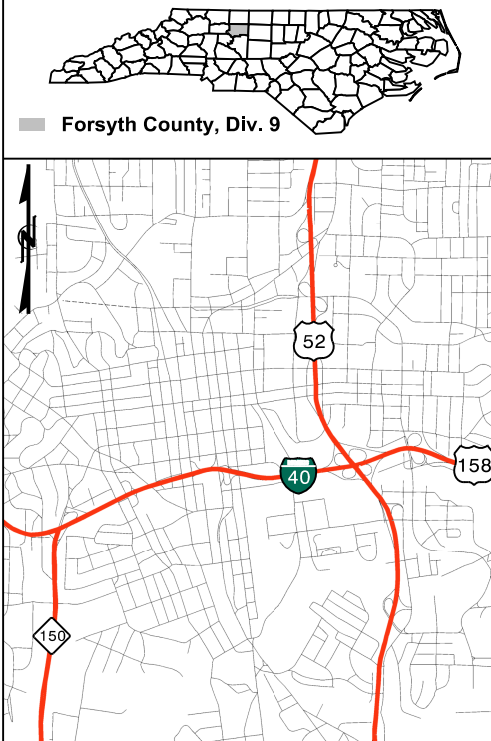
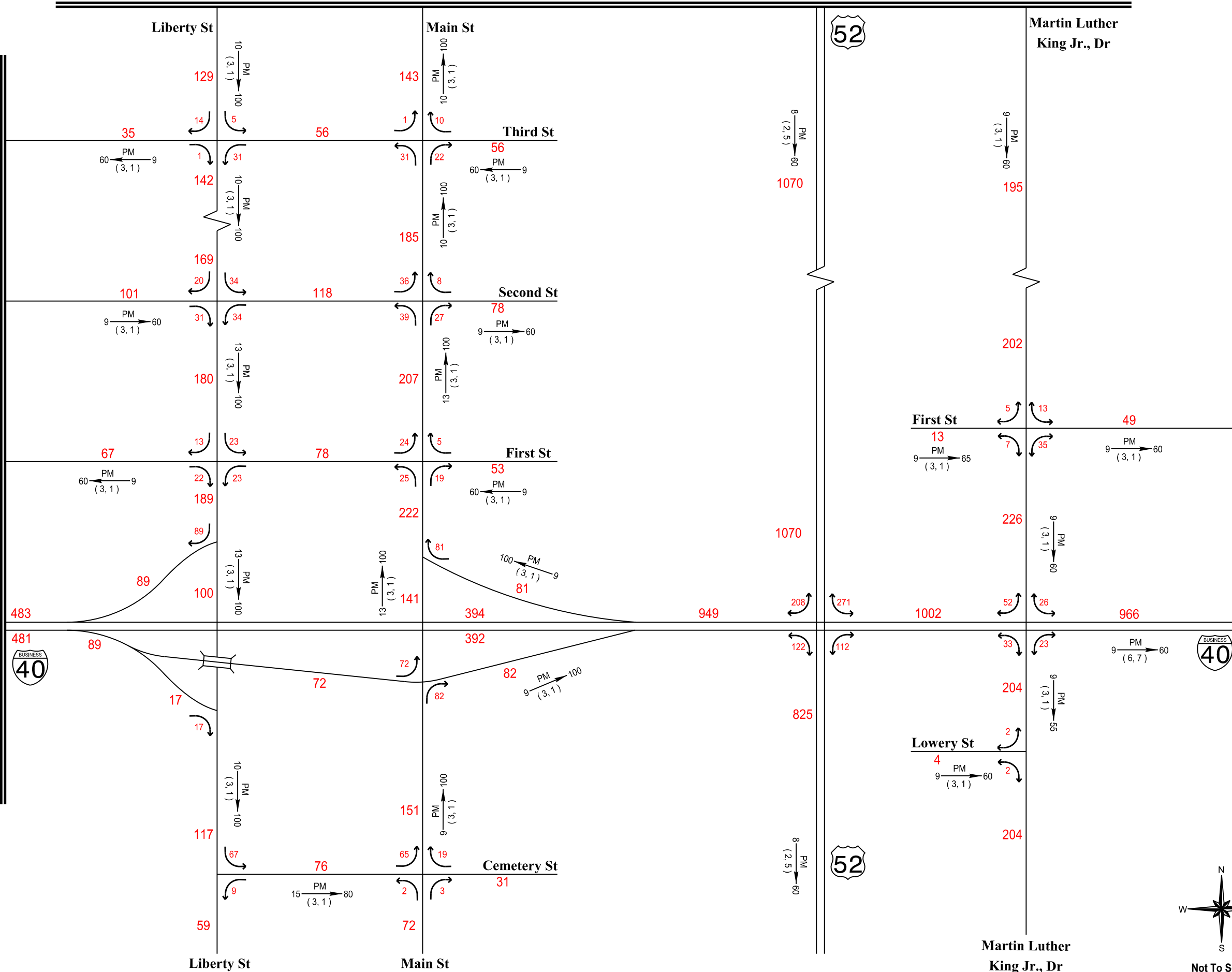
TIP: U-2827 B	WBS: 34872.1.1
COUNTY: Forsyth	DIVISION: 9
DATE: June 2013	
PREPARED BY: RS&H	
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street	
PROJECT: Business 40 Reconstruction Study	



MATCHLINE A

MATCHLINE B

MATCHLINE A

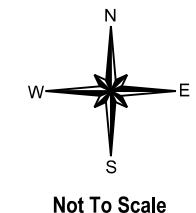


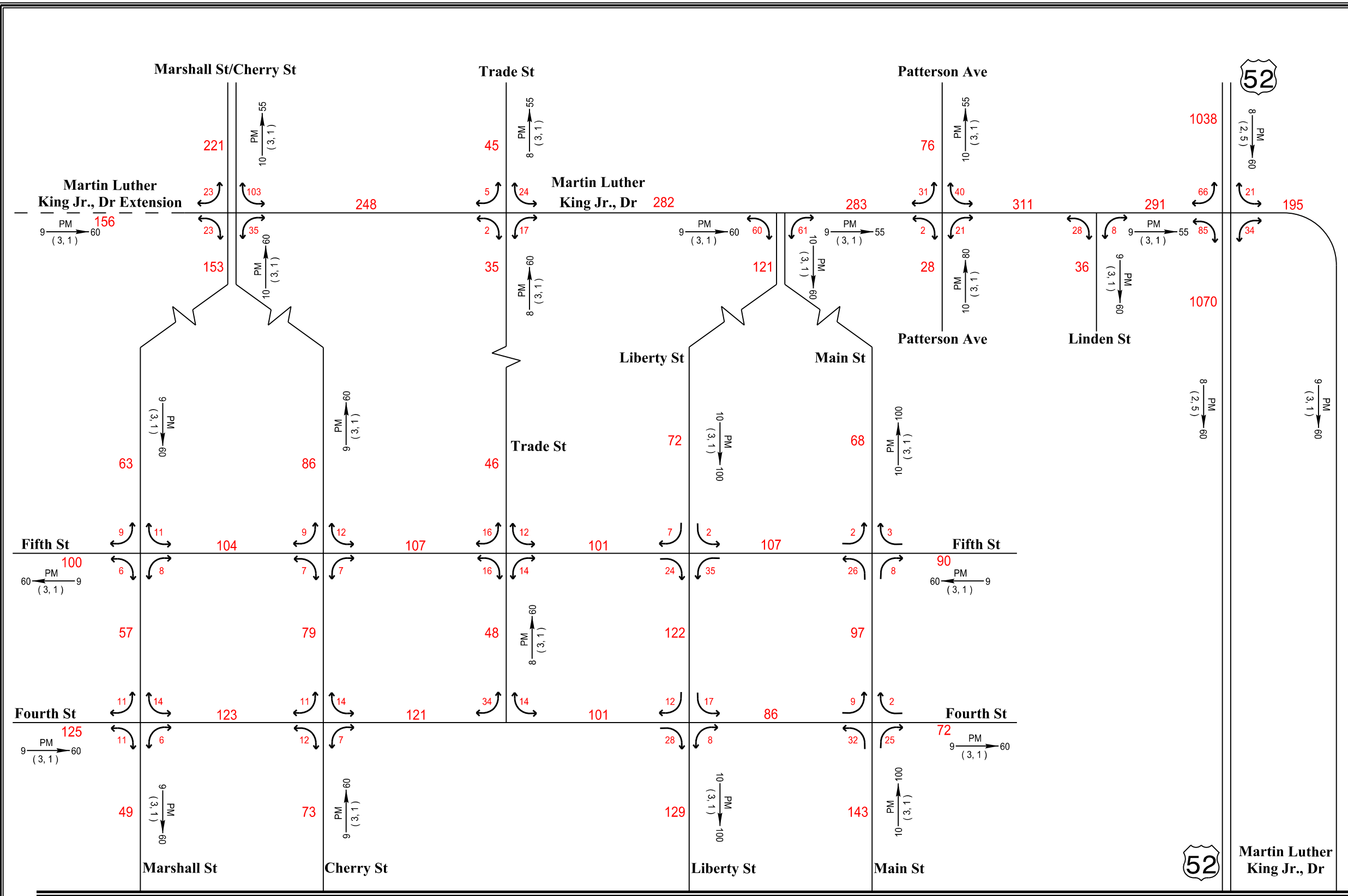
2040

ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 3
FIGURE 21
SHEET 2 OF 3

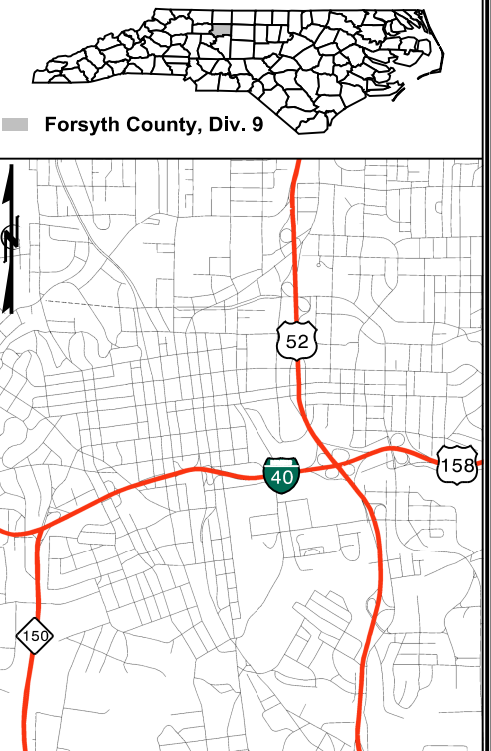
- LEGEND**
- DHV $\xrightarrow{\text{PM}} \text{D}$
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TIP: U-2827 B	WBS: 34872.1.1
COUNTY: Forsyth	DIVISION: 9
DATE: June 2013	
PREPARED BY: RS&H	
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street	
PROJECT: Business 40 Reconstruction Study	





MATCHLINE B



2040

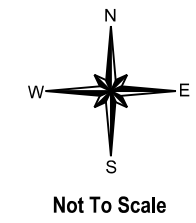
ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 3
FIGURE 21
SHEET 3 OF 3

- LEGEND**
- DHV $\xrightarrow{\text{PM}} \text{D}$
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 - 000 No. of Vehicles Per Day in 100's
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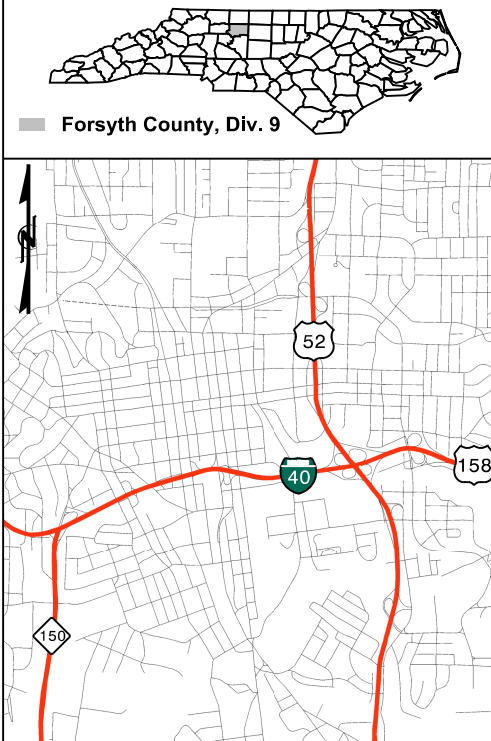
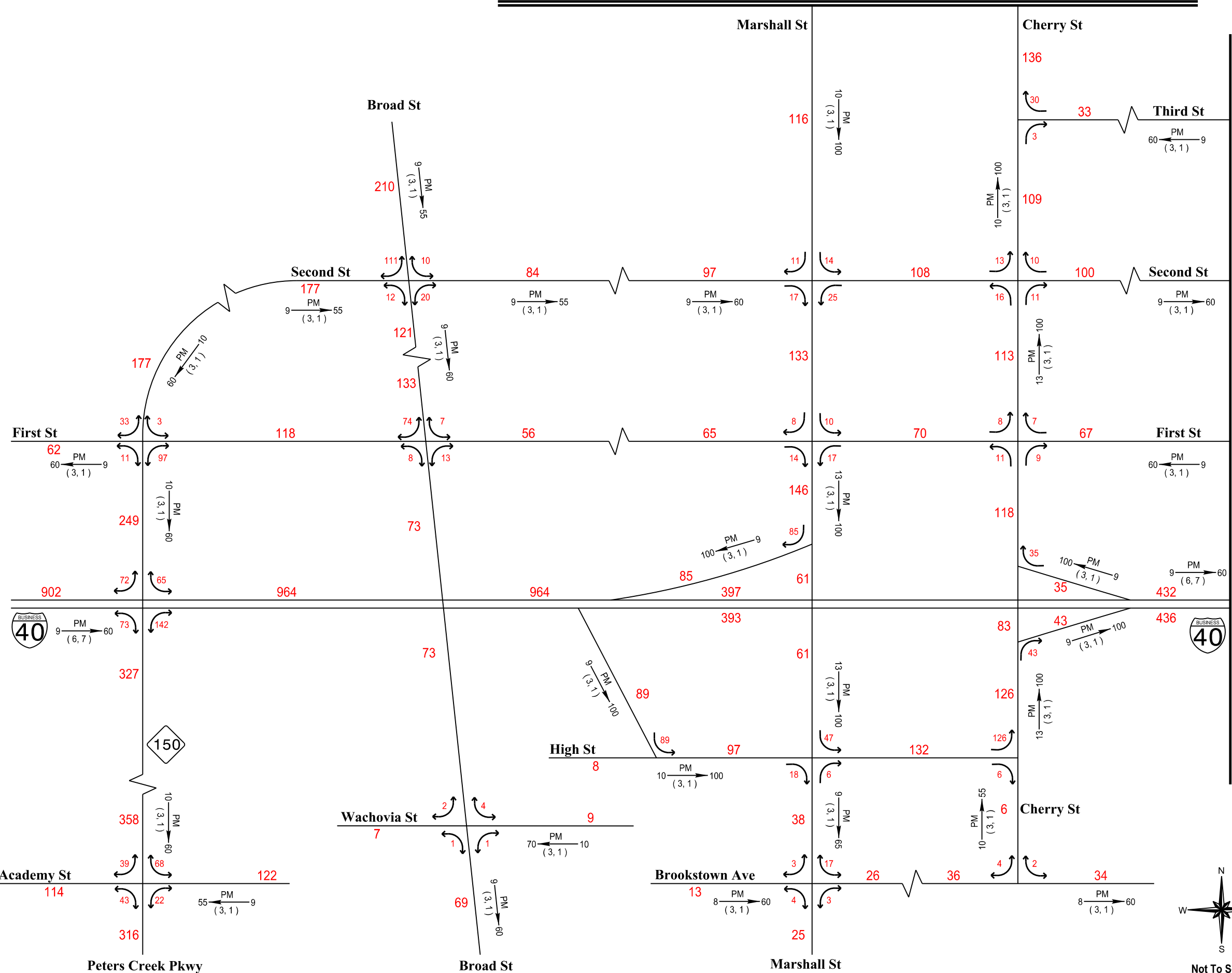
TIP: U-2827 B WBS: 34872.1.1
 COUNTY: Forsyth DIVISION: 9
 DATE: June 2013

PREPARED BY: RS&H
 LOCATION:
 Reconstruct Business 40 between
 Fourth Street and Church Street

PROJECT:
 Business 40 Reconstruction Study



MATCHLINE B

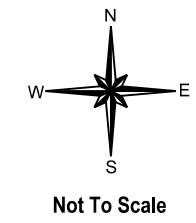


2040

ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 4
FIGURE 22
SHEET 1 OF 3

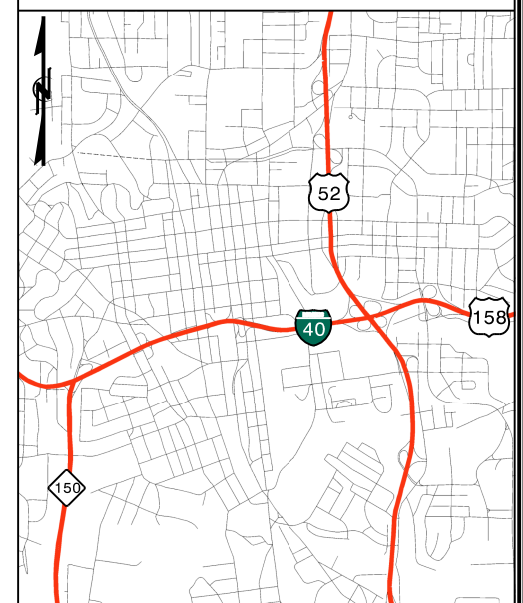
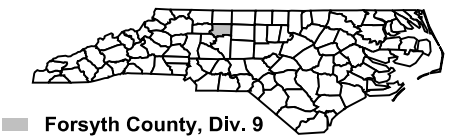
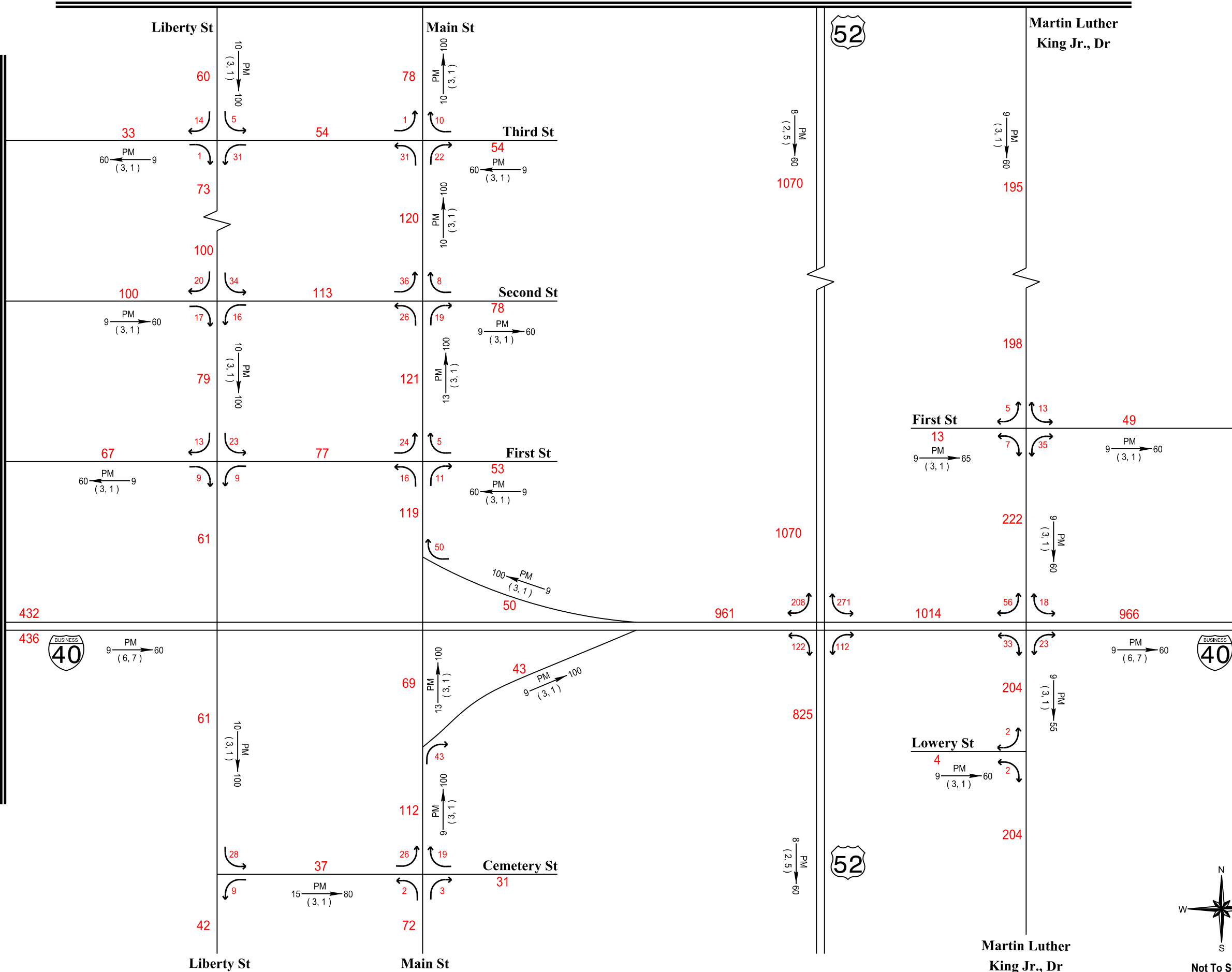
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- DHV $\xrightarrow{\text{PM}}$ D
 - (d,t)
 - 000 No. of Vehicles Per Day in 100's
 - DHV Design Hourly Volume (%)
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 - PM PM Peak Period
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 - (d,t) Duals, TT-ST's (%)

TIP: U-2827 B	WBS: 34872.1.1
COUNTY: Forsyth	DIVISION: 9
DATE: June 2013	
PREPARED BY: RS&H	
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street	
PROJECT: Business 40 Reconstruction Study	



MATCHLINE B

MATCHLINE A



2040

ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 4
FIGURE 22
SHEET 2 OF 3

LEGEND

- DHV $\xrightarrow{\text{PM}} \text{D}$
(d,t)
- 000 No. of Vehicles Per Day in 100's
- DHV Design Hourly Volume (%)
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- PM PM Peak Period
- \rightarrow Direction of D
- (d,t) Duals, TT-ST's (%)

TIP: U-2827 B WBS: 34872.1.1

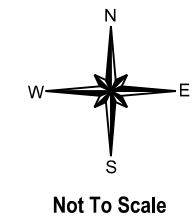
COUNTY: Forsyth DIVISION: 9

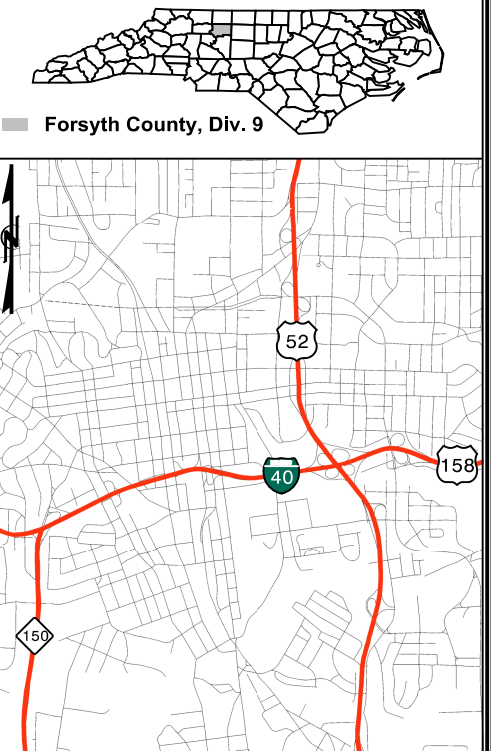
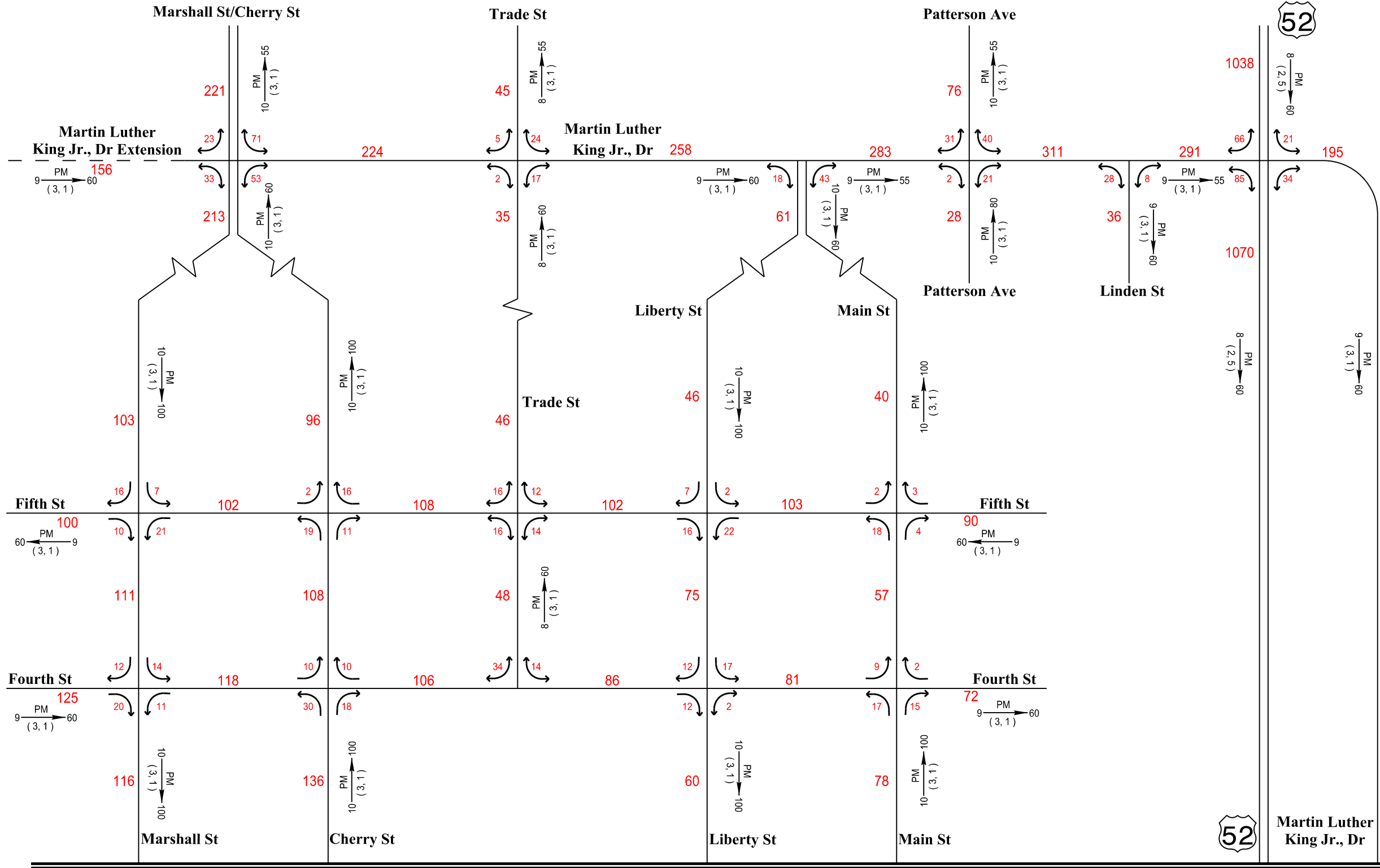
DATE: June 2013

PREPARED BY: RS&H

LOCATION:
Reconstruct Business 40 between
Fourth Street and Church Street

PROJECT:
Business 40 Reconstruction Study





2040

ANNUAL AVERAGE
DAILY TRAFFIC FORECASTS
FUTURE BUILD CONDITIONS
ALTERNATIVE 4
FIGURE 22
SHEET 3 OF 3

LEGEND

DHV $\xrightarrow{\text{PM}} \text{D}$
(d,t)

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TIP: U-2827 B **WBS:** 34872.1.1

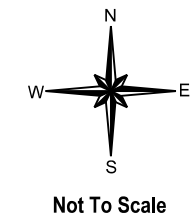
COUNTY: Forsyth **DIVISION:** 9

DATE: June 2013

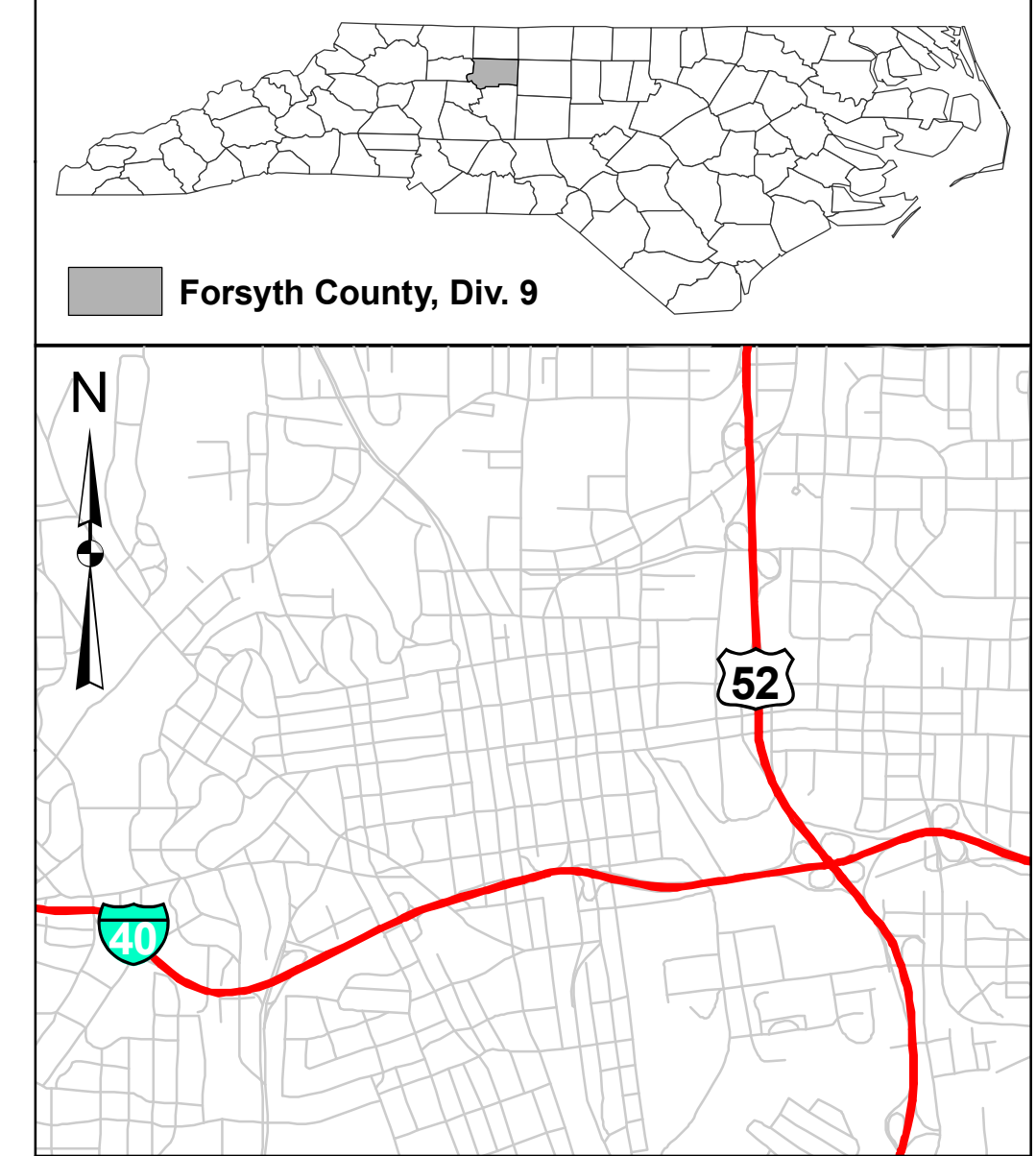
PREPARED BY: RS&H

LOCATION:
Reconstruct Business 40 between
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PROJECT:
Business 40 Reconstruction Study



MATCHLINE B



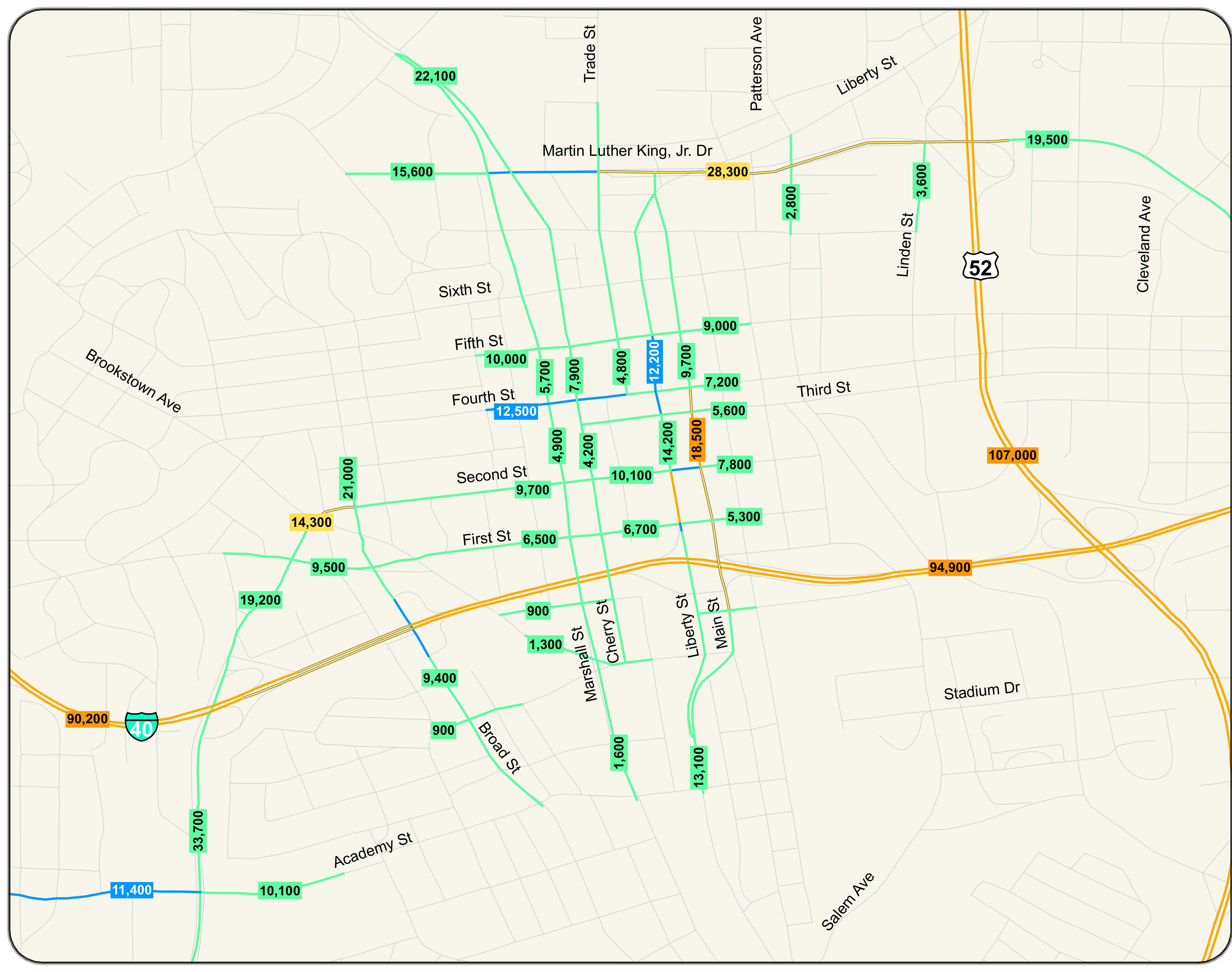
**2040 Build Conditions
Alternative 3**
Daily Traffic Flow
Figure 23

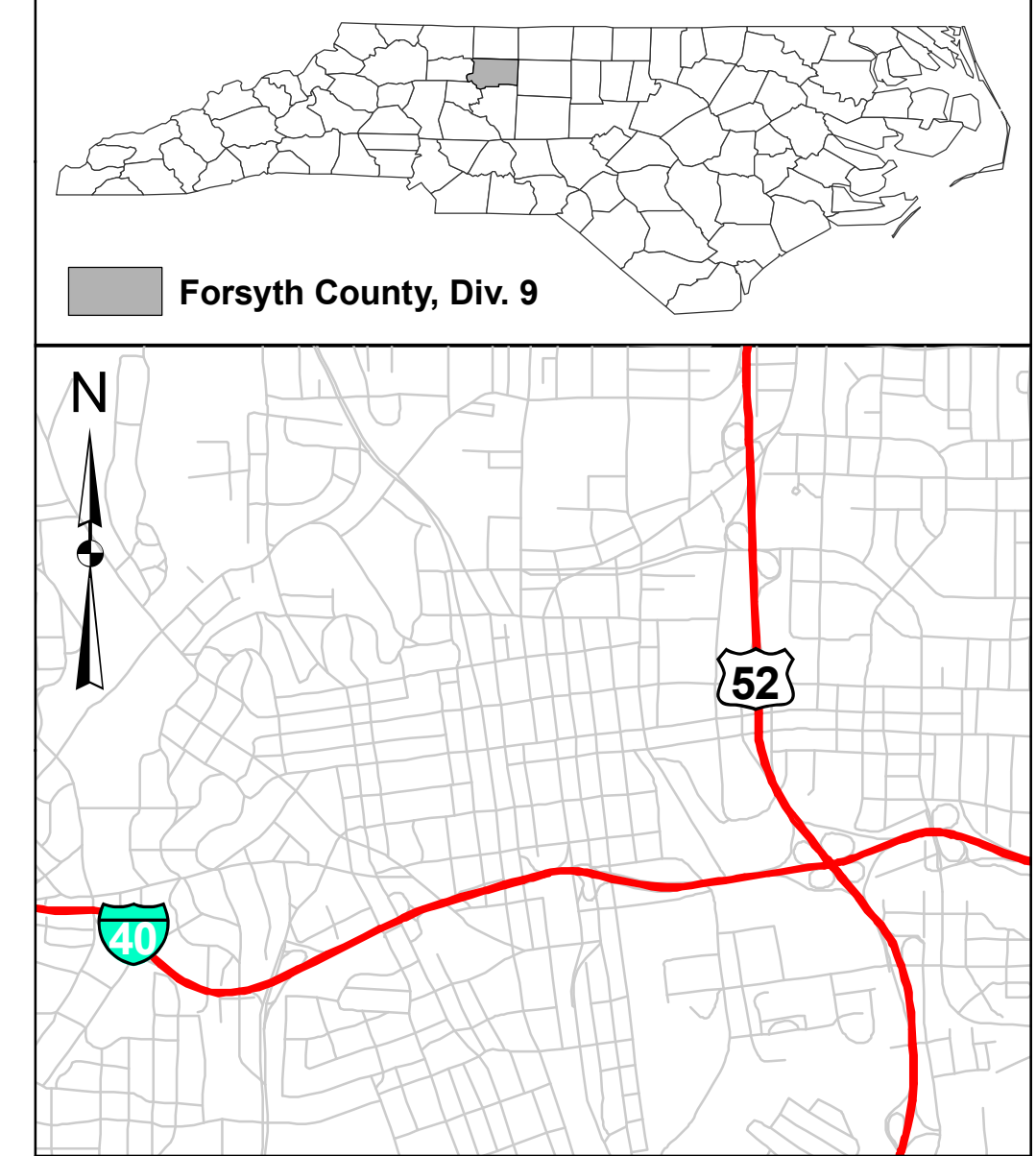
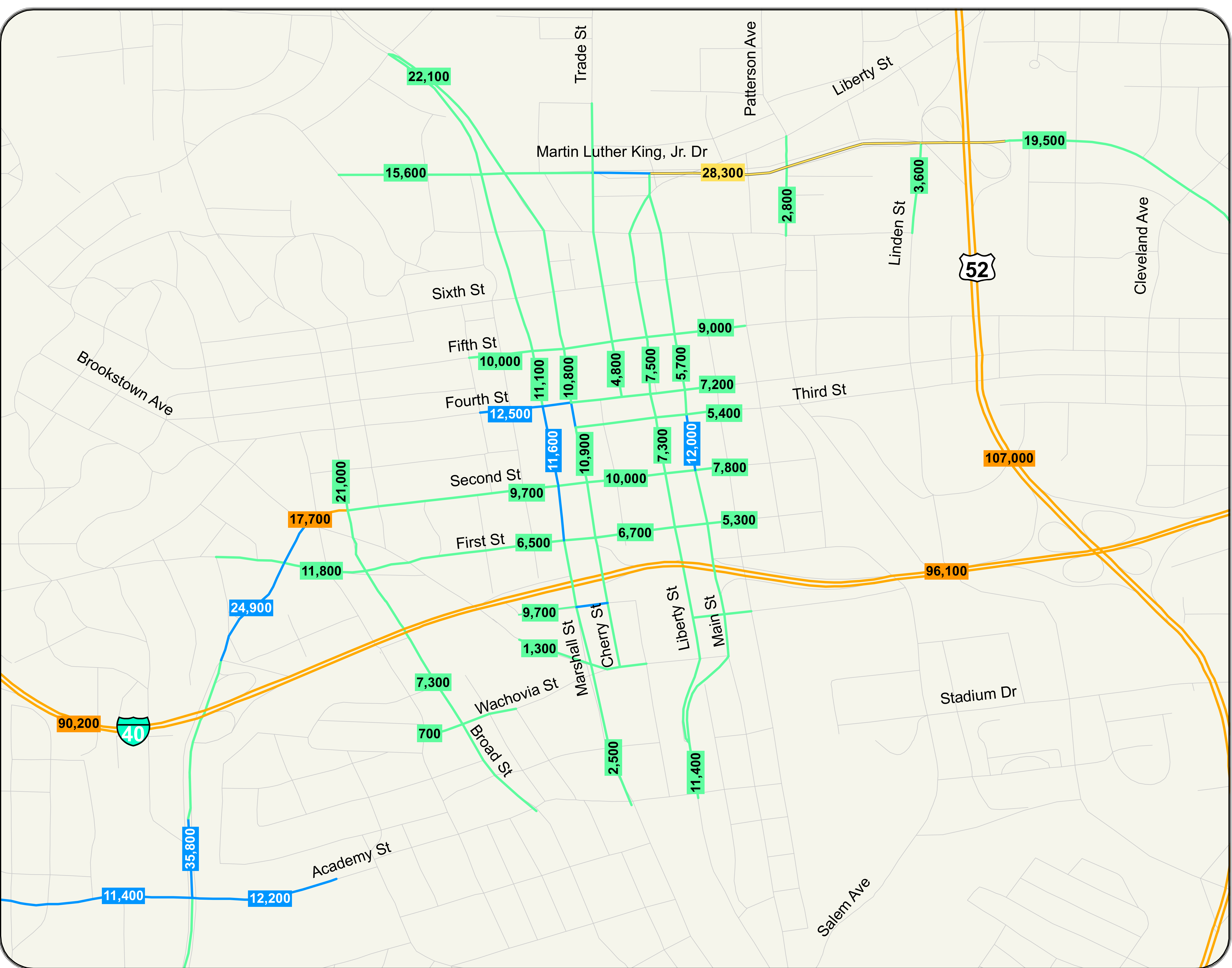
Legend

Level Of Service

- A-C
- D
- E
- F
- Local Roads

TIP: U-2827 B	WBS: 34872.1.1
COUNTY: Forsyth	DIVISION: 9
DATE: January 2014	
PREPARED BY: RS&H	
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street	
PROJECT: Business 40 Reconstruction Study	





2040 Build Conditions Alternative (
Daily Traffic Flow
Figure &

Legend

- Level Of Service**
- A-C
 - D
 - E
 - F
 - Local Roads

TIP: U-2827 B	WBS: 34872.1.1
COUNTY: Forsyth	DIVISION: 9
DATE: January 2014	
PREPARED BY: RS&H	
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street	
PROJECT: Business 40 Reconstruction Study	

Legend

- I
- NC
- SR
- US
- U-2827 Environmental Study Area

NR Points

STATUS

- DOE
- DOED
- DOEHD
- NR
- NRD
- NRHD
- SL
- SLD
- SLDED
- SLDOE
- SLHD

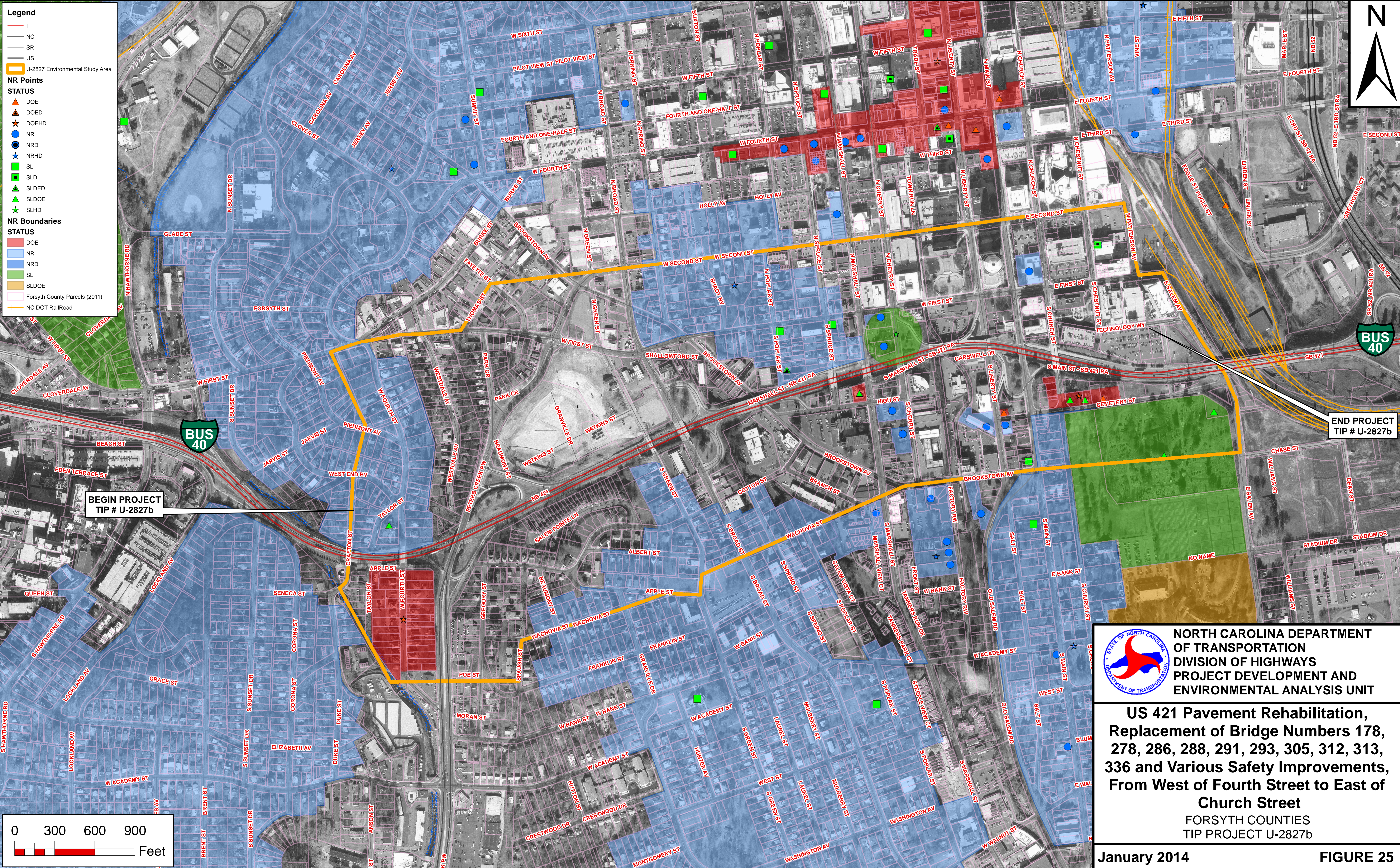
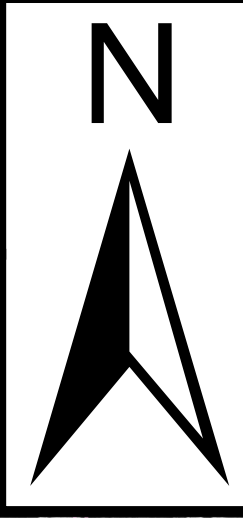
NR Boundaries

STATUS

- DOE
- NR
- NRD
- SL
- SLDOE

Forsyth County Parcels (2011)

NC DOT RailRoad



BEGIN PROJECT
TIP # U-2827b

END PROJECT
TIP # U-2827b

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT

US 421 Pavement Rehabilitation, Replacement of Bridge Numbers 178, 278, 286, 288, 291, 293, 305, 312, 313, 336 and Various Safety Improvements, From West of Fourth Street to East of Church Street
FORSYTH COUNTIES
TIP PROJECT U-2827b