

Transportation Staff Meeting

January 23, 2013

2:00 PM

Room 266

AGENDA

1. I-85/I-77 Interchange Modifications Feasibility Study (Gibbs)

Description:

NCDOT's Feasibility Studies Unit is preparing a feasibility study for improvements to the I-85/I-77 interchange. A status report will be provided.

2. U-5507, Northwest Arc of Prosperity Church Road (Leaver)

Description:

U-5507 is being administered by the City of Charlotte and is programmed for construction in FY 2015. Staff is interested in pursuing a TIP amendment to reallocate some of the funds to ROW acquisition.

3. Unified Planning Work Program (Cook/Gibbs)

Description:

- Discussion of local projects proposed for the FY 2014 UPWP. Please review the attached submittals.
- Discussion of reallocating FY 13 funds to support additional Fast Lanes Study, Phase III work.

4. Bridge Replacement Project Comments (Cook)

Description:

PDEA is analyzing the replacement of three bridges in the MPO's planning area, and has requested comments regarding potential environmental impacts and alternates to be studied. The three projects are:

- B-5370: Prices Dairy Road in Union County; replace bridge #444 over E. Fork Stewarts Creek.
- B-5371: US 601 in Union County; replace bridge #71 over Clear Creek.
- B-5792: Brookshire Freeway; replace bridge #342 over Andrill Terrace.

Additional information for each project is attached.

5. CTP Map Summary Report (Newsome/Gibbs)

Description:

At the January 9 Transportation Staff meeting, staff discussed the CTP Public Transportation and Rail Map's definitions and assumptions. This discussion will focus on rail-related items/questions that were not addressed on the 9th.

Access number: 704-432-5485



Mecklenburg-Union Metropolitan Planning Organization

FY 2014 Unified Planning Work Program Local Transportation Planning Project Funding Request

Requesting Municipality/Agency

Town of Huntersville

Project Manager Contact Information

Name: Zac Gordon
Telephone: (704) 766-2213
E-Mail: zgordon@huntersville.org

Project Name

"Downtown Huntersville Multimodal Transportation Plan"

Project Information & Description

1. Describe the project for which funding is being sought. Clearly state the project's purpose and need.

One of the Focus Areas for the recently adopted "Town of Huntersville 2030 Community Plan" was for the Downtown. The vision for Downtown Huntersville states:

"In 2030 Huntersville's Downtown will be a thriving, mixed-use town center with a variety of housing types (single-family, townhomes, live-work, and apartments), retail establishments, restaurants, offices, civic and recreational uses. The historic character of Downtown Huntersville will be preserved and enhanced through the integration of new with existing development, reflecting the highest quality architecture, resulting in a revitalized Downtown that is uniquely Huntersville. The Downtown street grid will be characterized by a well-connected network accommodating all modes of transportation (vehicular, pedestrian and non-motorized), including bus public transit and trains. The streetscape and public spaces will include attractive lighting, street trees and well-designed signage providing a safe, pleasant experience for visitors and residents alike. Public events, outdoor markets and art displays will activate

the Downtown area, creating a true “destination” experience and focal point for the Town of Huntersville.”

A central component of this vision is the creation of a multimodal transportation system for downtown. The proposed “*Downtown Huntersville Multimodal Transportation Plan*” will provide the policy and planning framework for this system and further serve as the foundation for future capital investments (infrastructure, streetscape and signage) required to build this system, which will, in turn, facilitate the revitalization of Downtown Huntersville. In addition to the goals imbedded in the vision statement, the Plan will deal with issues of solid waste collection and freight movement and delivery in and through downtown.

2. Describe how the project will support MUMPO’s goals and objectives. (The G&Os can be found in the LRTP.)

The proposed “*Downtown Huntersville Multimodal Transportation Plan*” is supportive of a number of the goals and objectives set forth in the 2035 LRTP, as noted below:

Goals:

- Insure the provision of a safe and efficient transportation system for all modes of travel (auto, bus, pedestrian, bicycles and rail)
- Providing a transportation system that provides the public with mobility choices, including walking, biking and transit options.

Objectives:

- Develop an efficient streets network for the downtown area of Huntersville which will provide an appropriate level of service for a variety of transportation modes.
- Promote a safe, efficient and diverse public transportation system that is accessible to various segments of the population.
- Develop a transportation system that integrates pedestrian and bicycle modes of transportation with motor vehicle transportation and encourages walking and bicycling.

3. Can the project be completed by June 30, 2014? Provide a project time line, including anticipated start and end dates as well as key milestones.

Yes.

- **July 2013** - RFP Prepared
- **August 2013** - RFP Advertised
- **September 2013** - Review and Selection of Consultant
- **September/October 2013** - Data Collection & Analysis of Existing Conditions
- **October/November 2013** - Stakeholder Interviews
- **November 2013** - Public Involvement
- **January 2014** - Preliminary Plan Draft (Presentation to Planning Board & Town Board)
- **January/February 2014** - Public Review and Comment
- **March 2014** - Revised Draft Plan (Presentation to Planning Board & Town Board)
- **April 2014** - Presentation to TCC
- **April/May 2014** - Final Plan Review by Planning Board and Adoption by Town Board
- **May 2014** - Final Plan Presentation to MUMPO (Tentative)

4. Does your agency have experience completing projects of a similar scope? If so, please list the projects below.

The Town has either completed or overseen the completion of a number of planning studies similar to that proposed for MUMPO funding, including the following:

- NC 73/Poplar Tent Road Small Area Plan (2012)
- Northwest Huntersville Transportation Study (2011)
- Davidson-Concord Road/NC 73 Area Plan (2008)
- East Huntersville Area Development Plan (2007)

5. Does the project support existing policy of the requesting agency? If so, please list the policy and explain how the project supports it.

The “Implementation Schedule” for the 2030 Community Plan, includes the following Policies, and related Action Items:

- **Policy DT-4: Multi-Modal Transportation System**
Create multi-modal integrated downtown transportation system addressing automobile, bus, rail, pedestrian and bicycle mobility.
- **Action DT-4.1: Multi-Modal Transportation Plan**
Prepare multi-modal integrated transportation plan for downtown which accommodates all modes of transit, which maximizes public and private resources and is consistent with Federal and State “complete streets” policies in order to enhance funding opportunities. Plan should include a capital element and be designed for phased implementation by either public or private entities.

6. Does your agency have experience implementing projects using federal funds? If so, please list the projects below.

The Town has prior experience with the implementation of projects using federal funds. These projects include:

- Torrence Creek Greenway
- NC 73 (US 21 – NC 115) widening project
- Verhoeff Bridge

Estimated Total Project Cost: \$100,000

Planning (PL) Funds Requested: \$50,000 (\$50,000 local match)

Mecklenburg-Union Metropolitan Planning Organization

FY 2014 Unified Planning Work Program Local Transportation Planning Project Funding Request

Please use this form to submit your request for funding for a Local Transportation Planning Project. The submittal deadline is **November 30, 2012**.

Requesting Municipality/Agency
Town of Huntersville
Project Manager Contact Information
Name: Justin Carroll
Telephone: 704.766.2221
E-Mail: jcarroll@huntersville.org
Project Name
Traffic count program
Project Information & Description
<p>1. Describe the project for which funding is being sought. Clearly state the project's purpose and need. <i>Project provides funding for an ongoing traffic count program that provides turning movement counts at major intersections throughout Huntersville's jurisdiction. Counts are on a biannual basis with ½ of intersections counted each year (35/year.)</i></p> <p>2. Describe how the project will support MUMPO's goals and objectives. (The G&Os can be found in the LRTP.) <i>Counts provide a reliable data base for travel model validation as well as project identification and prioritization.</i></p> <p>3. Can the project be completed by June 30, 2014? Provide a project time line, including anticipated start and end dates as well as key milestones. <i>Yes. Scope of work is already prepared as is prototype contract from current year. RFQ's will be issued in the fall, selection and contract negotiations in winter, counts will be made in the spring.</i></p> <p>4. Does your agency have experience completing projects of a similar scope? If so, please list the projects below. <i>FY 2012 initiated this program. FY 2013 continues it.</i></p> <p>5. Does the project support existing policy of the requesting agency? If so, please list the policy and explain how the project supports it. <i>In 2007, the Town Board endorsed a data driven project prioritization process that relies in part on intersection congestion analysis.</i></p> <p>6. Does your agency have experience implementing projects using federal funds? If so, please list the projects below. <i>This is a continuation of the existing project which includes federal funds.</i></p>
Estimated Total Project Cost
\$ 14,000
Planning (PL) Funds Requested
\$ 11,200

Submittal of this form does not guarantee that funds will be awarded.

Mecklenburg-Union Metropolitan Planning Organization

FY 2014 Unified Planning Work Program Local Transportation Planning Project Funding Request

Please use this form to submit your request for funding for a Local Transportation Planning Project. The submittal deadline is **November 30, 2012**.

Requesting Municipality/Agency
Town of Indian Trail
Project Manager Contact Information
Name: Scott J. Kaufhold
Telephone: 704-821-1314
E-Mail: sjk@engineering.indiantrail.org
Project Name
Town of Indian Trail Traffic Counts
Project Information & Description
<p>1. Describe the project for which funding is being sought. Clearly state the project's purpose and need.</p> <p><i>The Town would like to further its traffic count data. This was last done in 2009. More up to date information would allow the Town to better assess its transportation needs throughout the Town. The town would hire a Consultant from the region to perform this task, while Town staff would act as the project manager.</i></p>
<p>2. Describe how the project will support MUMPO's goals and objectives. (The G&Os can be found in the LRTP.)</p> <p><i>Gathering traffic count data on various streets throughout the Town can and will support several of the MUMPO's goals and objectives:</i></p> <p>Goals</p> <p><i>Safe and Efficient – By conducting traffic counts on streets throughout the Town, Town staff we be able to use Town transportation funds more efficiently in problem areas while improving safety along roadway segments that show a greater need.</i></p> <p><i>Quality of life – By conducting traffic counts on streets throughout the Town, Town staff can conduct improvements on roadway segments that are in the most need. While adding new data to an ongoing data base traffic patterns can be tracked and improved over time.</i></p> <p>Objectives</p> <p><i>Streets and Highways – By conducting traffic counts on streets throughout the Town, Town staff can continue its ongoing data base of traffic counts and patterns. This information allows staff to map an appropriate level of service for streets throughout the Town.</i></p>

Mecklenburg-Union Metropolitan Planning Organization

Financial - By conducting traffic counts on streets throughout the Town, Town staff can make investment decisions in the most efficient manner with limited funds.

3. Can the project be completed by June 30, 2014? Provide a project time line, including anticipated start and end dates as well as key milestones.

Once approved the Town would hire a Consultant from the region. Town staff feels that traffic counts would be taken before the end of 2013 with a finale report presented to the Town in the spring of 2014.

4. Does your agency have experience completing projects of a similar scope? If so, please list the projects below.

The Town does have experience completing projects of this scope. The Town completed Traffic Counts in 2009 and Intersection Analyses in 2011.

5. Does the project support existing policy of the requesting agency? If so, please list the policy and explain how the project supports it.

***Comprehensive Transportation Plan** - By having the most up to date information available for ongoing transportation projects and planning efforts.*

***Traffic Data Base** – Improving the best available data for the Towns use. This data base includes traffic counts, accident reports, and intersection data.*

6. Does your agency have experience implementing projects using federal funds? If so, please list the projects below.

- a. Traffic Counts - 2009
- b. Intersection Analyses - 2011
- c. Highway 74 Study - 2011 & 2012
- d. CMAQ Sidewalk Projects - ongoing

Estimated Total Project Cost

\$ 30,000

Planning (PL) Funds Requested

\$ 24,000

Submittal of this form does not guarantee that funds will be awarded.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

December 12, 2012

Dear Sir or Madam:

SUBJECT: STIP Project Nos.:

- B-5369 - Replacement of Bridge No. 53 on SR 2114
over Cold Water Creek in Cabarrus County
- B-5370 - Replacement of Bridge No. 444 on SR 1506
over East Fork Stewarts Creek in Union County
- B-5371 - Replacement of Bridge No. 71 on US 601
over Cleur Creek in Union County
- B-5373 - Replacement of Bridge No. 44 on SR 1435
over Long Creek in Stanly County
- B-5374 - Replacement of Bridge No. 448 on SR 2153
over Buffalo Creek in Union County
- B-5792 - Replacement of Bridge No. 342 on NC 16
over Andriell Terrance and Irwin Creek in Mecklenburg County

The Project Development and Environmental Analysis Unit is in the process of project development, environmental and engineering studies for the replacement of the bridges listed above. These projects are included in the North Carolina State Transportation Improvement Program.

We would appreciate any information you might have that would be helpful in evaluating potential environmental impacts of the project including recommendation of alternates to be studied. Your comments will be used in the preparation of a federally funded Categorical Exclusion, prepared in accordance with the National Environmental Policy Act. It is desirable that your agency respond by June 28, 2013 so that your comments can be used in the selection of alternatives to be studied for this project.

If you have any questions concerning this project, please contact Dionne C. Brown at (919) 707-6171. Please include the TIP Project Number in all correspondence and comments.

Sincerely,

A handwritten signature in black ink, appearing to read "Dionne C. Brown", written over a horizontal line.

Dionne C. Brown
Bridge Project Planning Engineer
Project Development and Environmental
Analysis Unit

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1548 MAIL SERVICE CENTER
RALEIGH NC 27699-1548

TELEPHONE: 919-707-6000
FAX: 919-250-4224

WEBSITE: WWW.NCDOT.ORG/DOH/PRECONSTRUCT/PE/

LOCATION:
CENTURY CENTER, BUILDING A
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

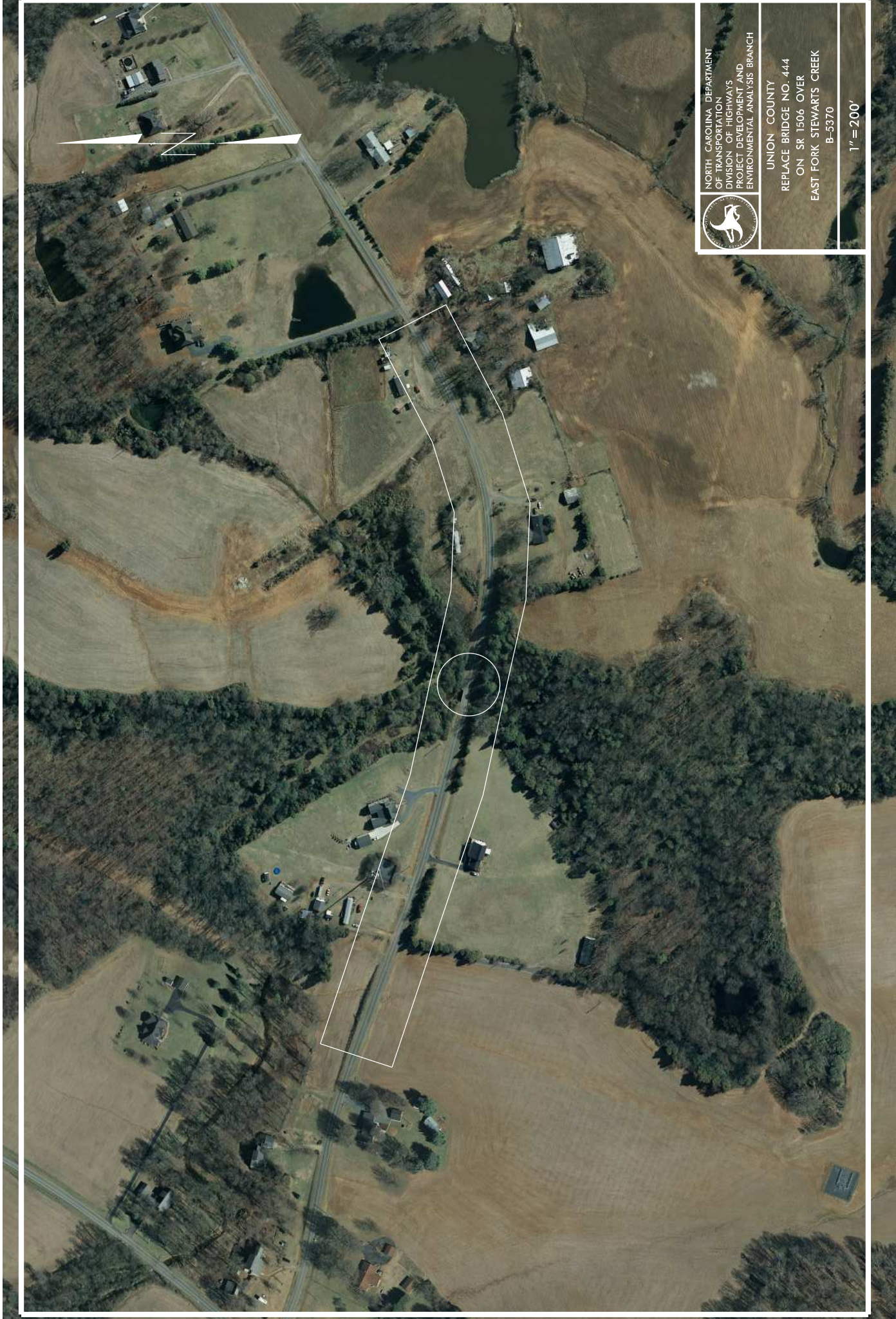
Union County Staff Comments


B-5370 Replace bridge #444 on SR 1506 (Price Dairy Road) – This is a non-thoroughfare road located within the Town of Unionville. It currently has substandard lane widths of approximately 9’.

B-5371 Replace bridge #71 on US 601 over Clear Creek – US 601 is designated as a boulevard that needs improvement on the draft CTP. The future cross section of 4 lanes with a median and bike lanes should be accommodated in the new bridge.

***B-5374** Replace bridge 3448 on SR 2153 (Trinity Church Road) – This road is designated as a minor thoroughfare in the Union County CTP dated February, 2012. It is identified as needs improvement and calls for a 2 A cross section (12’ wide lanes and wide paved shoulders posted at 55 mph). The bridge should accommodate this cross section.

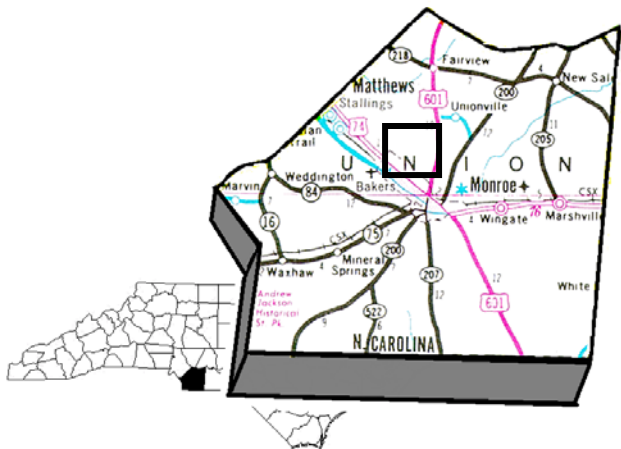
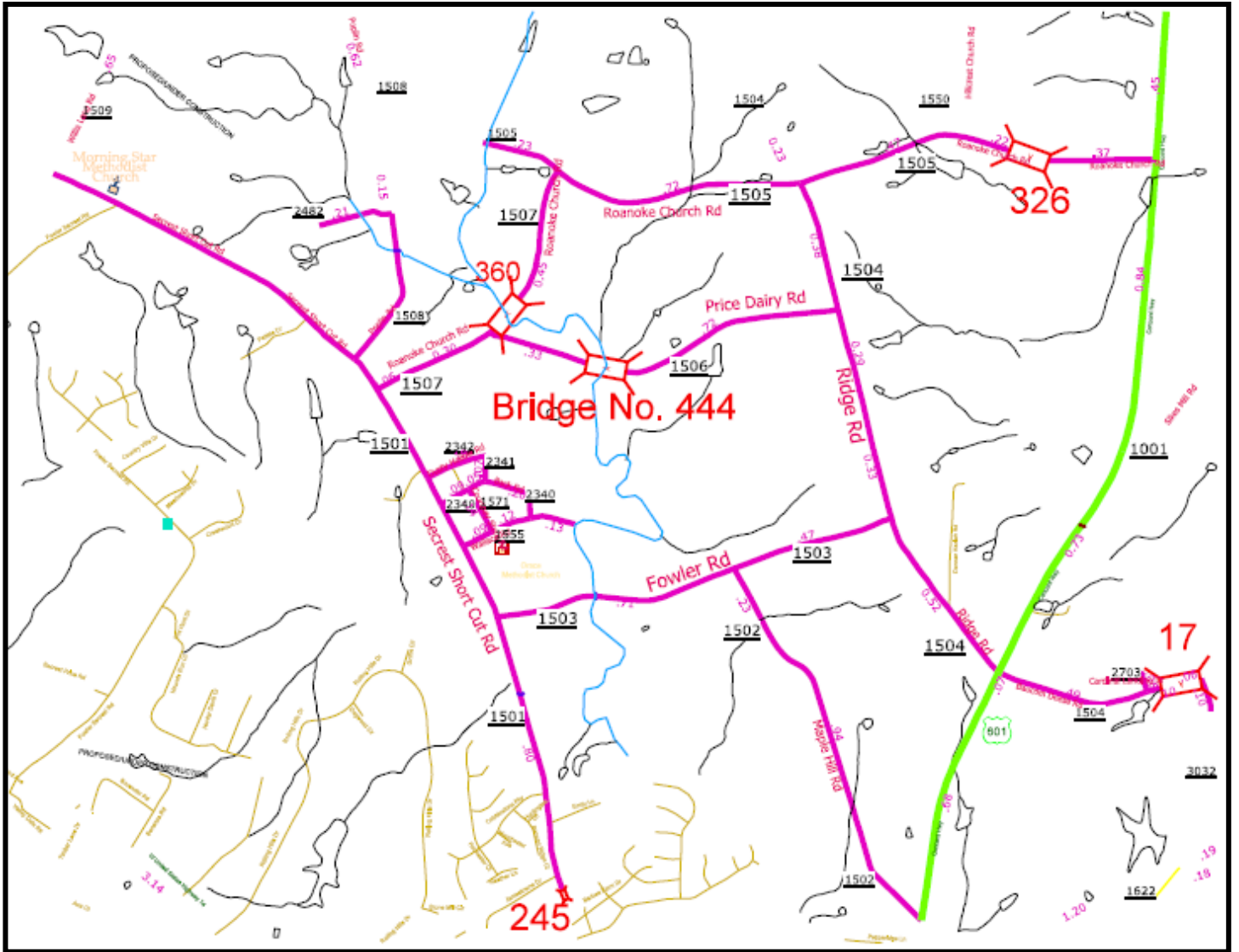
**Project is located in the RPO’s planning area.*





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

UNION COUNTY
 REPLACE BRIDGE NO. 444
 ON SR 1506 OVER
 EAST FORK STEWARTS CREEK
 B-5370

1" = 200'



	<p>NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT DEVELOPMENT & ENVIRONMENTAL ANALYSIS UNIT</p>
<p>UNION COUNTY Replace Bridge No. 444 on SR 1506 OVER EAST FORK STEWARDS CREEK B-5370</p>	
<p>Figure 1</p>	

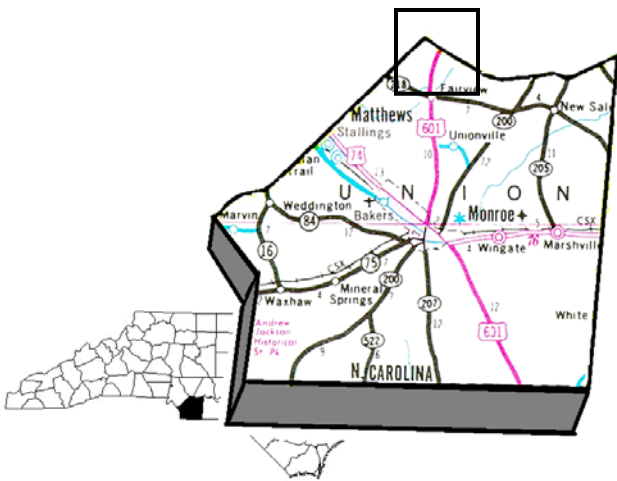
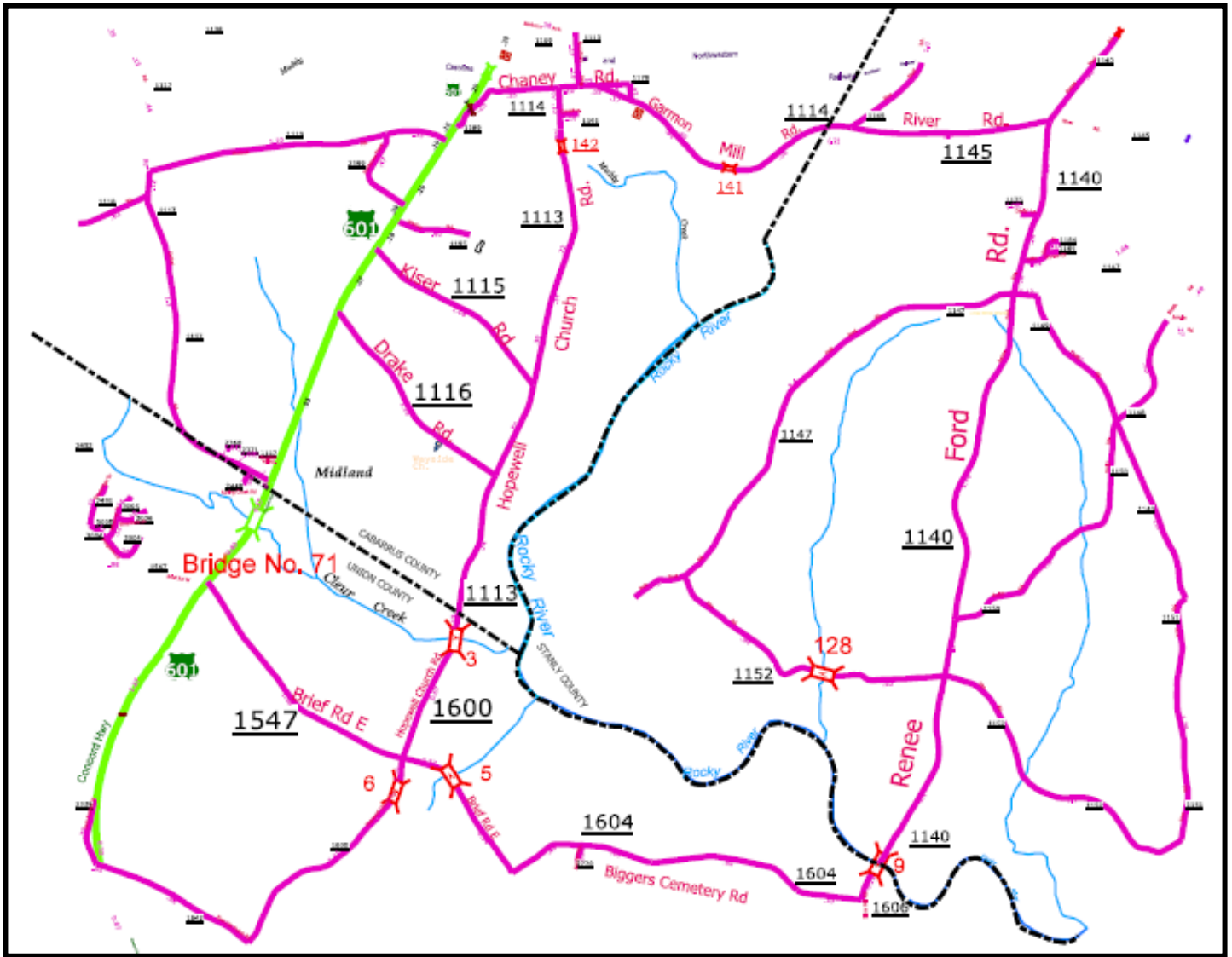


NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND
ENVIRONMENTAL ANALYSIS BRANCH

UNION COUNTY
REPLACE BRIDGE NO. 71
ON US 601 OVER CLEUR CREEK
B-5371

1" = 200'





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

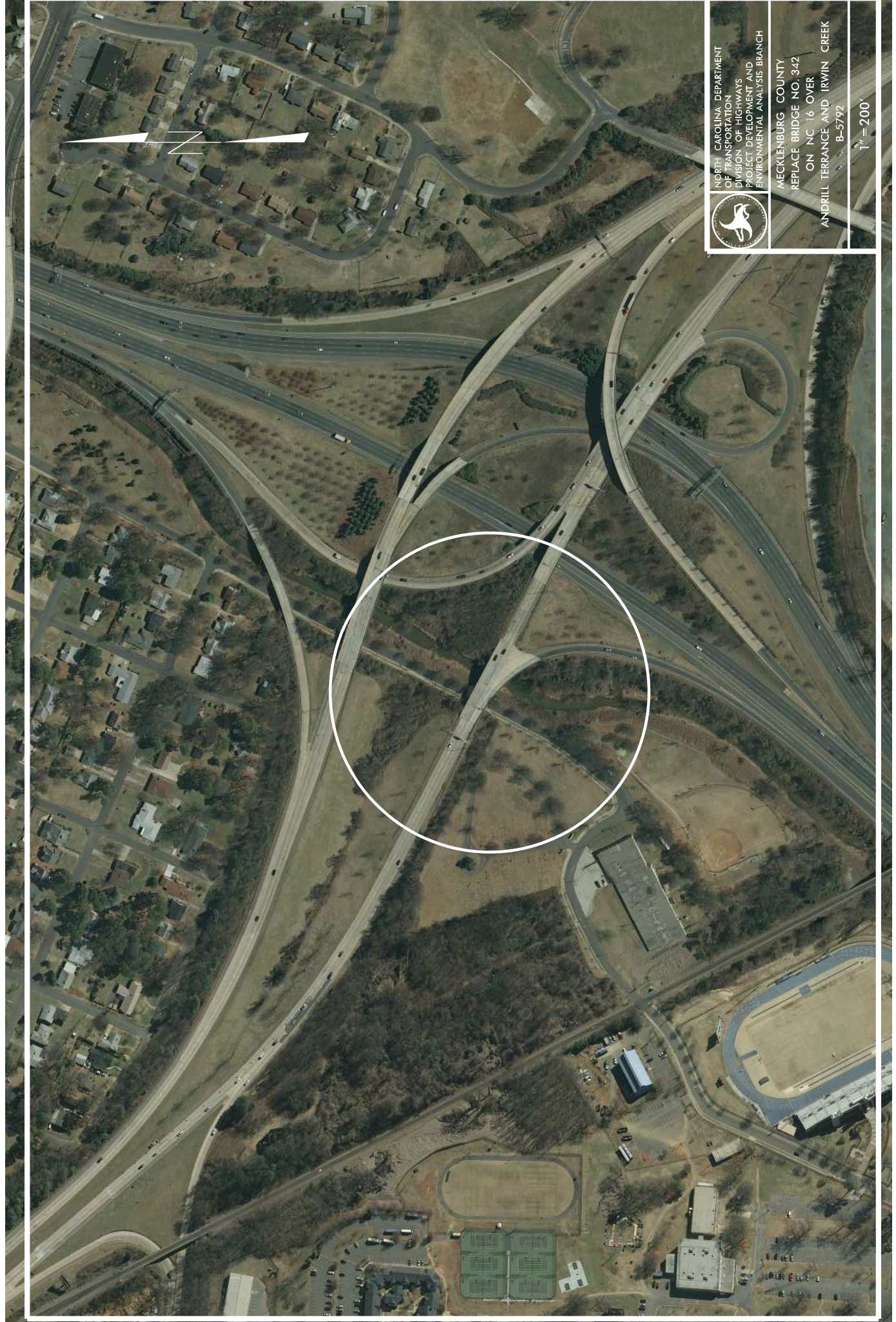
UNION COUNTY
Replace Bridge No. 71 on US 601
OVER CLEUR CREEK
B-5371

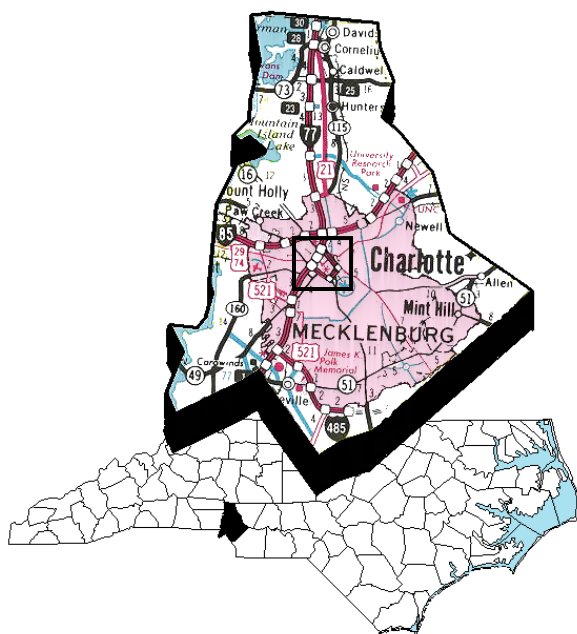
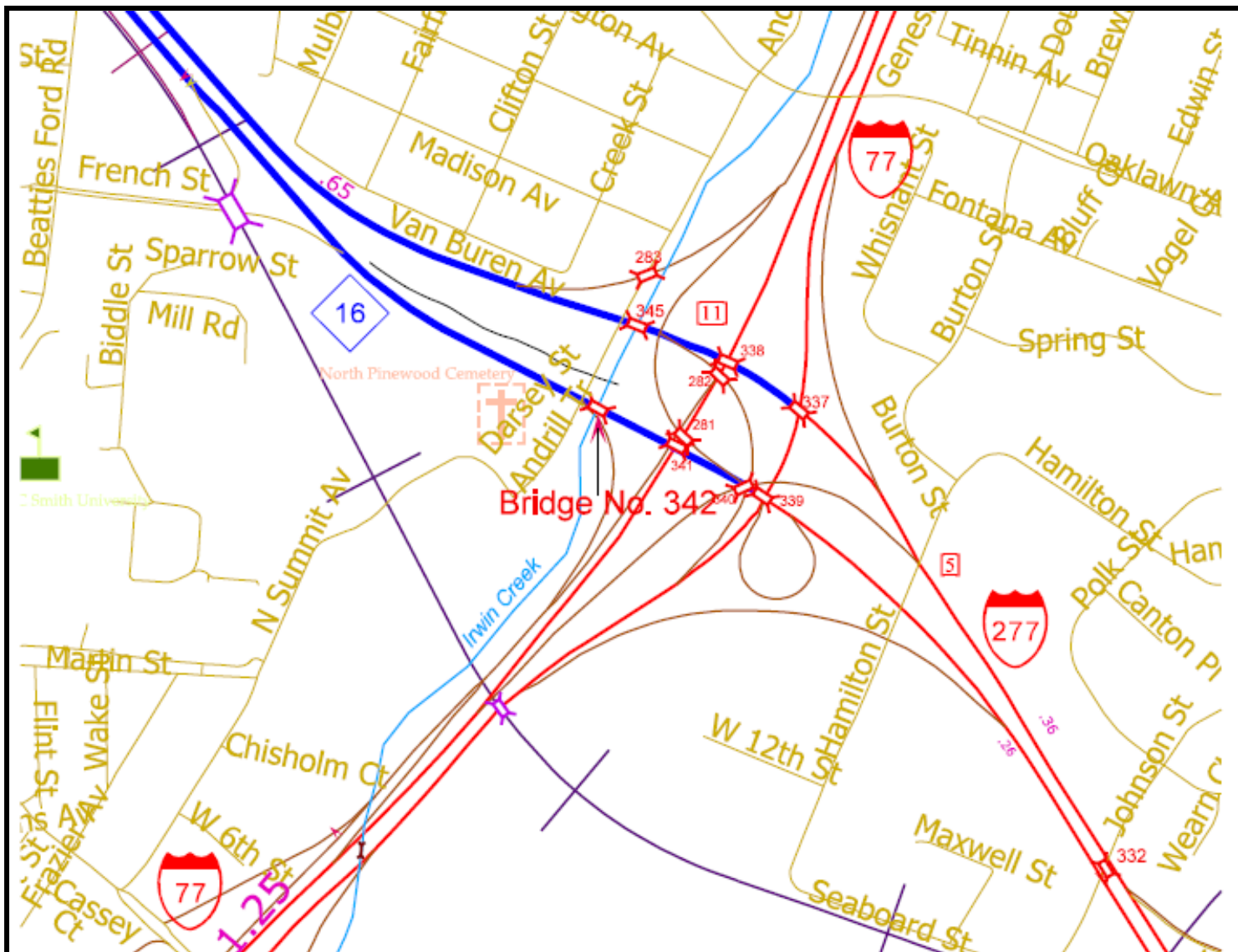
Figure 1

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

MECKLENBURG COUNTY
REPLACE BRIDGE NO. 342
ON NC 16 OVER
ANDRILL TERRACE AND IRWIN CREEK
B-5792

1" = 200'





	<p>NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT DEVELOPMENT & ENVIRONMENTAL ANALYSIS UNIT</p>
<p>MECKLENBURG COUNTY Replace Bridge No. 342 on NC 16 OVER ANDRILL TERRANCE AND IRWIN CREEK B-5792</p>	
<p>Figure 1</p>	