



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

May 7, 2018

Memorandum To: I-5980 Project Team

From: Verrol McLeary, Roadway Design Engineer

Subject: Internal/External Scoping Meeting for SR 1860 (Macy Grove Road). Convert Grade Separation to Interchange, Guilford County, WBS No. 46964.1.1, TIP No I-5980.

The Project Management Unit is starting the project development, environmental and engineering studies for the proposed conversion of SR 1860 (Macy Grove Road) grade separation over I-40 to an interchange. The project is included in the current NCDOT 10 Year Work Program. Right of way acquisition is scheduled for Fiscal Year 2024 and construction is scheduled for Fiscal Year 2026.

At this time, it is anticipated that a Categorical Exclusion (CE) will be prepared for this project. The project will likely require the following permits: (USACE Section 404 permit, NCDENR Section 401 Water Quality Certification, Coast Guard, etc.).

An Internal/External Scoping Meeting has been scheduled on May 17, 2018 at 10 am and will be held in the NCDOT Structure Design Conference Room C in the NCDOT Century Center Building A. Existing project data for your use in preparing for this meeting is located on SharePoint at:

<https://connect.ncdot.gov/site/Preconstruction/division/div07/I-5980%20I-40%20Macy%20Grove/Project%20Development/Forms/AllItems.aspx>

The information gathered should be GIS level data or data readily obtained from database searches and past project experience. Please send comments regarding the proposed project by June 7, 2018.

If you have any questions about the project or the meeting or have trouble accessing the project data, please contact Verrol McLeary, Roadway Design Engineer at (919) 707-6044 or by email at vmcleary1@ncdot.gov. Please include the TIP Project Number in all correspondence and comments.

PROJECT DATA SHEET

TIP No.: I-5980	County: Guilford County
Federal-aid No.: TBD	WBS No.: 46964.1.1
NCDOT Division: 7	Scoping Meeting Date: May 17, 2018

Project Description:

- Length: N/A
- Termini (US Hwy / SR): N/A
- MPO / RPO: High Point MPO and Winston-Salem MPO
- NEPA / 404 Merger Candidate? Yes No Unknown
- General Description of Project:

I-40 at SR 1860 (Macy Grove Road) convert grade separation to interchange.

Design Data (Existing Conditions):

- Functional Classification: Interstate
- Strategic Highway Corridor: Yes
- CTP Designation (Facility Type): Freeways
- Type of Access Control: Full
- Typical Section: 4 Lane Divided
- Right of Way: N/A
- Posted Speed: 65 MPH Interstate

- Structure Inventory (bridges, RCBC, Walls, etc):

Bridge No. 609

- Other TIP Projects in the Area

I-5981A, I-5981B, I-5981C

- Railroad Involvement:

None

Long Range Plan History:

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This project is listed in the High Point 2040 Metropolitan Transportation Plan (MTP) Highway Project List for the horizon year of 2030.

Traffic Data (AADT):

Current Year	2016	1400 (SR 1860)	65000*	
Design Year	2026			
Source of Traffic Data:	NCDOT 2016 Area AADT			

*I-40

Cost Estimates:

	Construction	Right-of-Way	Utilities	Total
TIP Estimate	10,140,000	3,100,000	50,000	13,290,000
Current Estimate (2018)				

Project Schedule:

Environmental Document	CE	11/2019
Right-of-Way	2024	
Let	2026	

Initial Scoping Comments:

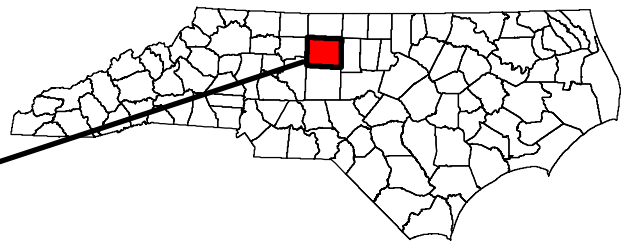
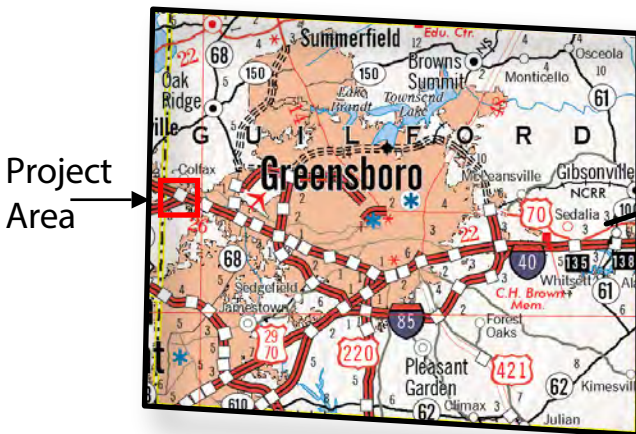
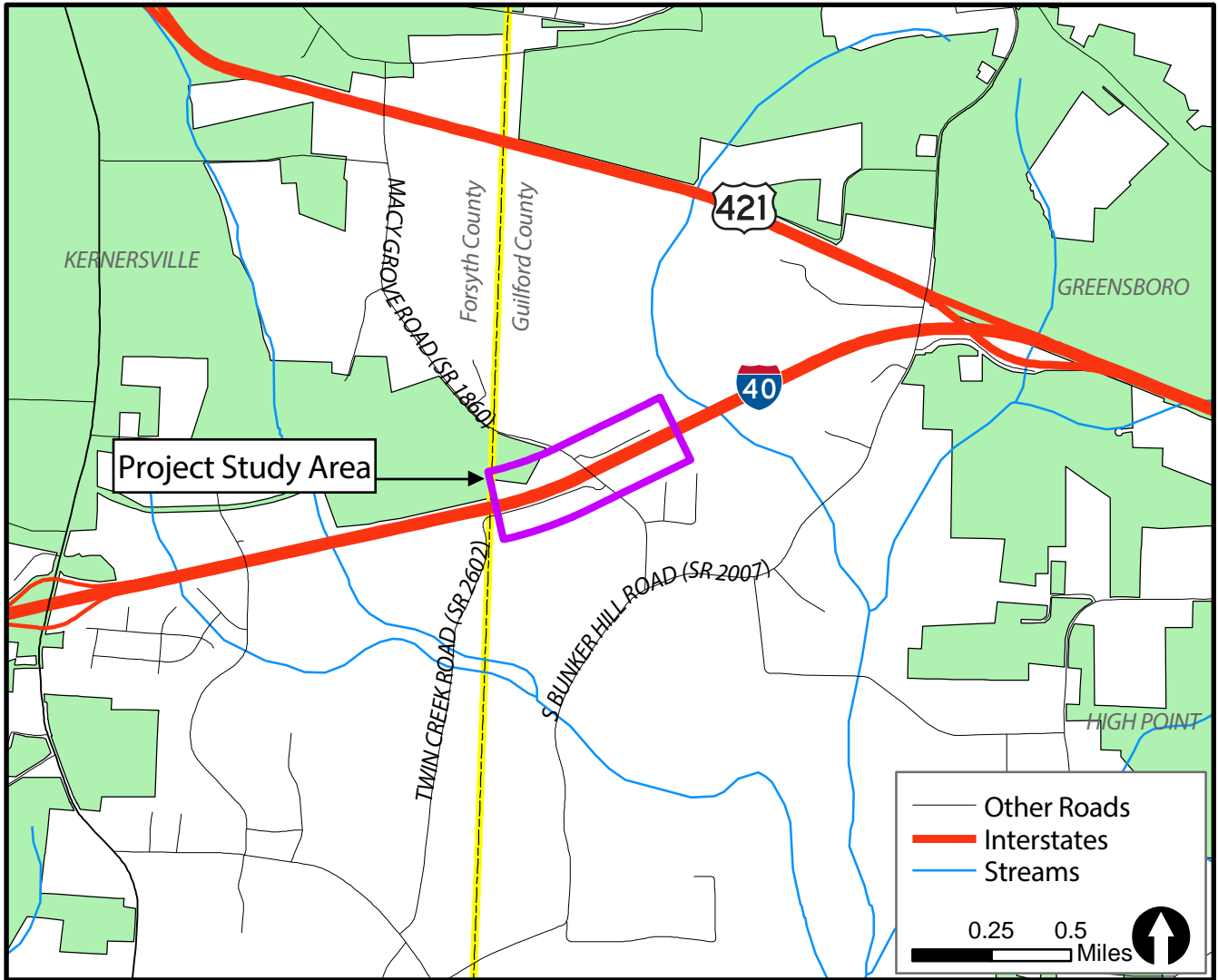
- There are two hospitals located east of the project (Kernersville VA Health Care Center and Novant Health Kernersville Medical Center).
- There are new apartments located north of the project (The Grove at Kernersville). A few years ago, Novant Health Kernersville Medical Center hired a consultant to prepare a conceptual design for a partial cloverleaf interchange to provide easier access to the hospital.
- Bridge No. 609 is located at the project site. The condition of the bridge could be a concern if traffic from the Business 40 widening and NC 66 is redirected across the bridge. The Division suggested the bridge may need to be widened to accommodate traffic during construction.
- The Division also noted a future widening project on NC 66. Projects, I-5981A & I-5981B are also adjacent projects scheduled for 2024 Right of Way and 2026 LET. Coordination is needed with Division 7 and Division 9 through the entire project.

Draft Project Need:

The need for this project is to convert a grade separation into an interchange.

Draft Project Purpose:

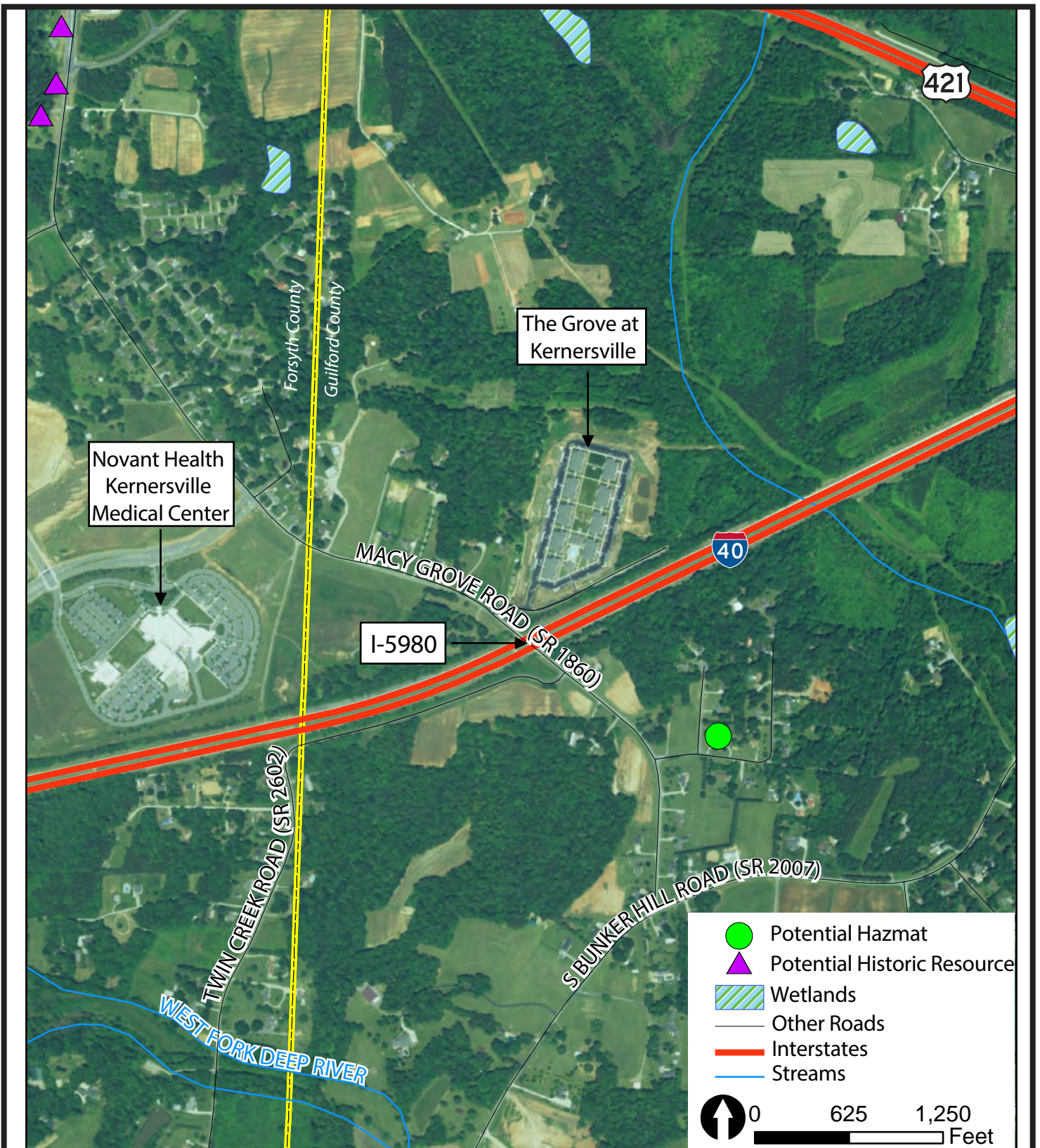
The purpose of the project is to provide access for nearby hospitals from Macy Grove Road to I-40.



Vicinity Map

I-5980 - Guilford County

SR 1860 (Macy Grove Road) Conversion of a Grade Separation to an Interchange



Environmental Features Map

I-5980 - Guilford County

SR 1860 (Macy Grove Road) Conversion of a Grade Separation to an Interchange.

Figure 1