



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

May 4, 2018

Memorandum To: I-5981 Project Team

From: Verrol McLeary, Project Development Engineer

Subject: Internal/External Scoping Meeting for I-40 Widening from I-74/US 311 in Winston Salem, Forsyth County to US 421/Business I-40 in Guilford County, widening from 4 to 6 6 Lanes, WBS No. 47527.1.1, TIP No I-5981.

The Project Development and Environmental Analysis Branch is starting the project development, environmental and engineering studies for the proposed widening of I-40 from I-74/US 311 in Winston Salem, Forsyth County to US 421/Business I-40 in Guilford County from 4 to 6 Lanes. 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, etc.).

An Internal 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/div09/I-5981%20I-40%20Widening/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 see the attached Roles and Responsibilities sheet to determine what you are responsible for bringing to the meeting.

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

## PROJECT DATA SHEET

TIP No.: I-5981	County: Forsyth County/Guilford County
Federal-aid No.: TBD	WBS No.: 47527.1.1
NCDOT Division: 7/9	Scoping Meeting Date: May 17, 2018

### Project Description:

- Length: 10.1 miles
- Termini (US Hwy / SR): I-74/US 311 in Winston Salem, Forsyth County to US 421/Business I-40 in Guilford County A/B/C
- MPO / RPO: High Point MPO and Winston-Salem MPO
- NEPA / 404 Merger Candidate? ☐ Yes ☐ No ☒ Unknown
- General Description of Project:

Widening of I-40 from I-74/US 311 in Winston Salem, Forsyth County to US 421/Business I-40 in Guilford County from 4 to 6 Lanes.  
A - I-74 / US 311 TO SR 2643 (UNION CROSS ROAD).  
B - SR 2643 (UNION CROSS ROAD) TO NC 66.  
C - NC 66 TO US 421 / BUSINESS 40

### 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: Variable
- Posted Speed: 65 MPH Interstate

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

Bridge Nos. 330437, 330439, 330442, 330443, 330447, 330457, 330458, 330459, 330476, 330477, 330478, 400609, 400613, 400616, 400630

- Other TIP Projects in the Area

I-5980 - Conversion of existing grade separation to interchange at I-40 and Macy Grove Rd  
I-5712 - Sandy Road Interchange  
U-6068 - I-40 Business widening

- Railroad Involvement:

None

### Long Range Plan History:

This project is listed in the Winston-Salem Urban Area Metropolitan Planning Organization 2040 Fiscally Constrained Long Range Transportation Plan under the 2022-2030 Street and Highway Project List.

This project is also 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	65000		
Design Year	2026			
Source of Traffic Data:	NCDOT 2016 Area AADT			

### Cost Estimates:

	Construction	Right-of-Way	Utilities	Previous Year	Total
TIP Estimate (A)	838,000	35,324,000	501,000	10,000	36,673,000
Current Estimate (2017)					

	Construction	Right-of-Way	Utilities	Previous Year	Total
TIP Estimate (B)	52,056,000	1,234,000	501,000	10,000	1,797,056
Current Estimate (2017)					

	Construction	Right-of-Way	Utilities	Previous Year	Total
TIP Estimate (C)	52,056,000	1,234,000	501,000	10,000	53,801,000
Current Estimate (2017)					

Project Schedule:

Environmental Document	CE	3/31/2019
Right-of-Way	2024	
Let	2026	

Initial Scoping Comments:

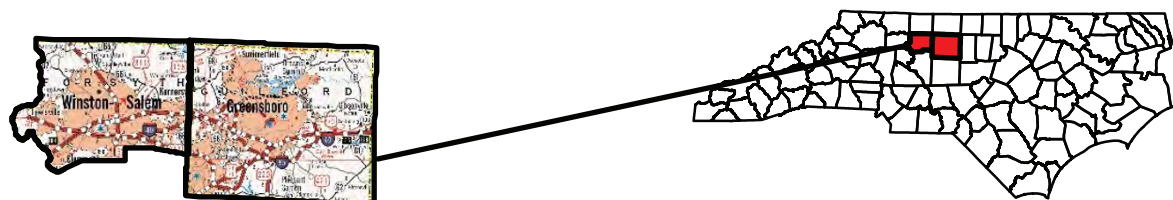
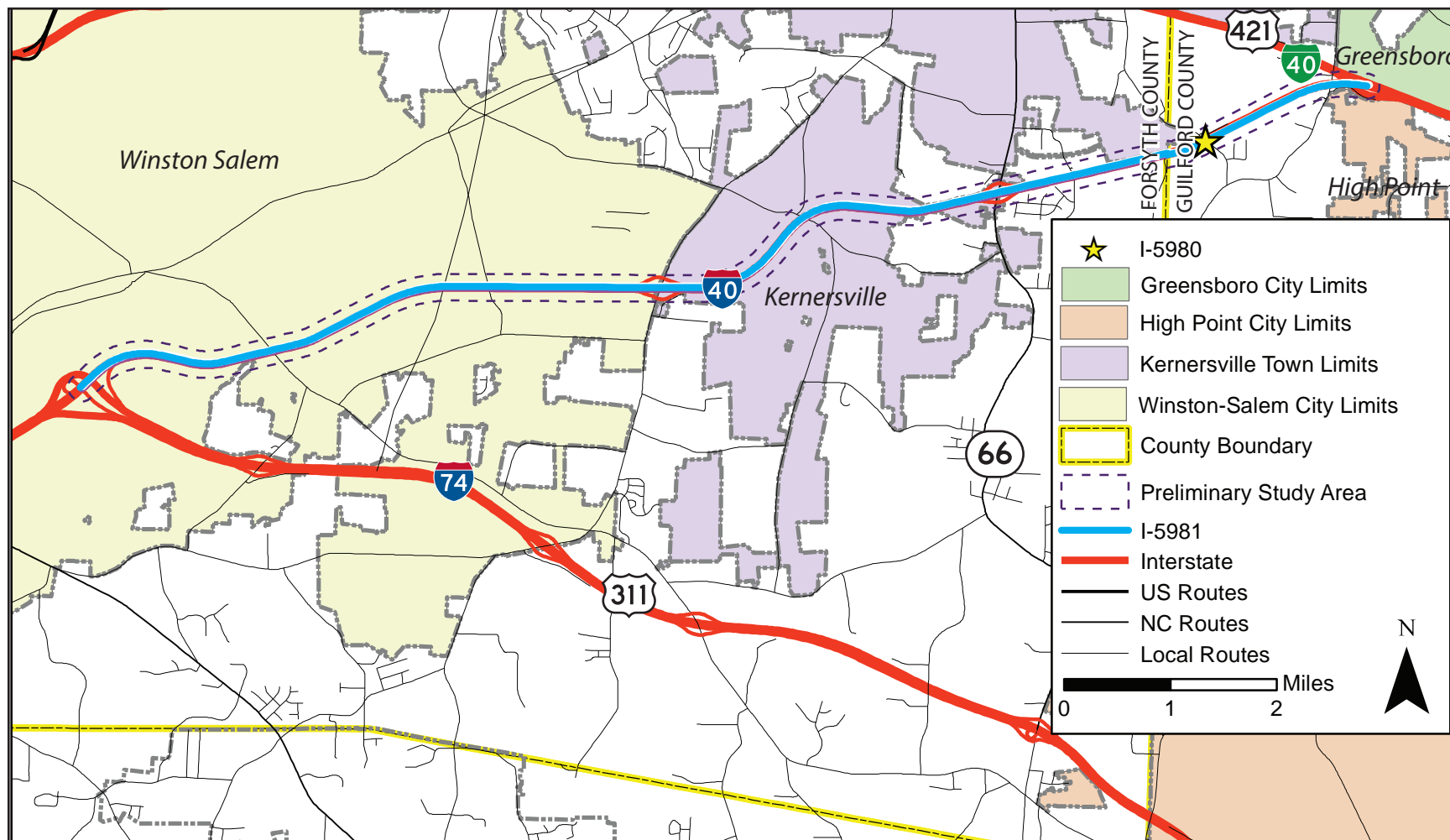
The Division prefers to widen the roadway with concrete. They recommend the design for I-5981 be consistent with the design for nearby U-2579A and U-2579B.

**Draft Project Need:**

The need for the project is to widen lanes to relieve congestion on I-40.

**Draft Project Purpose:**

The purpose of this project is to improve traffic operations on I-40 between Forsyth and Guilford County.



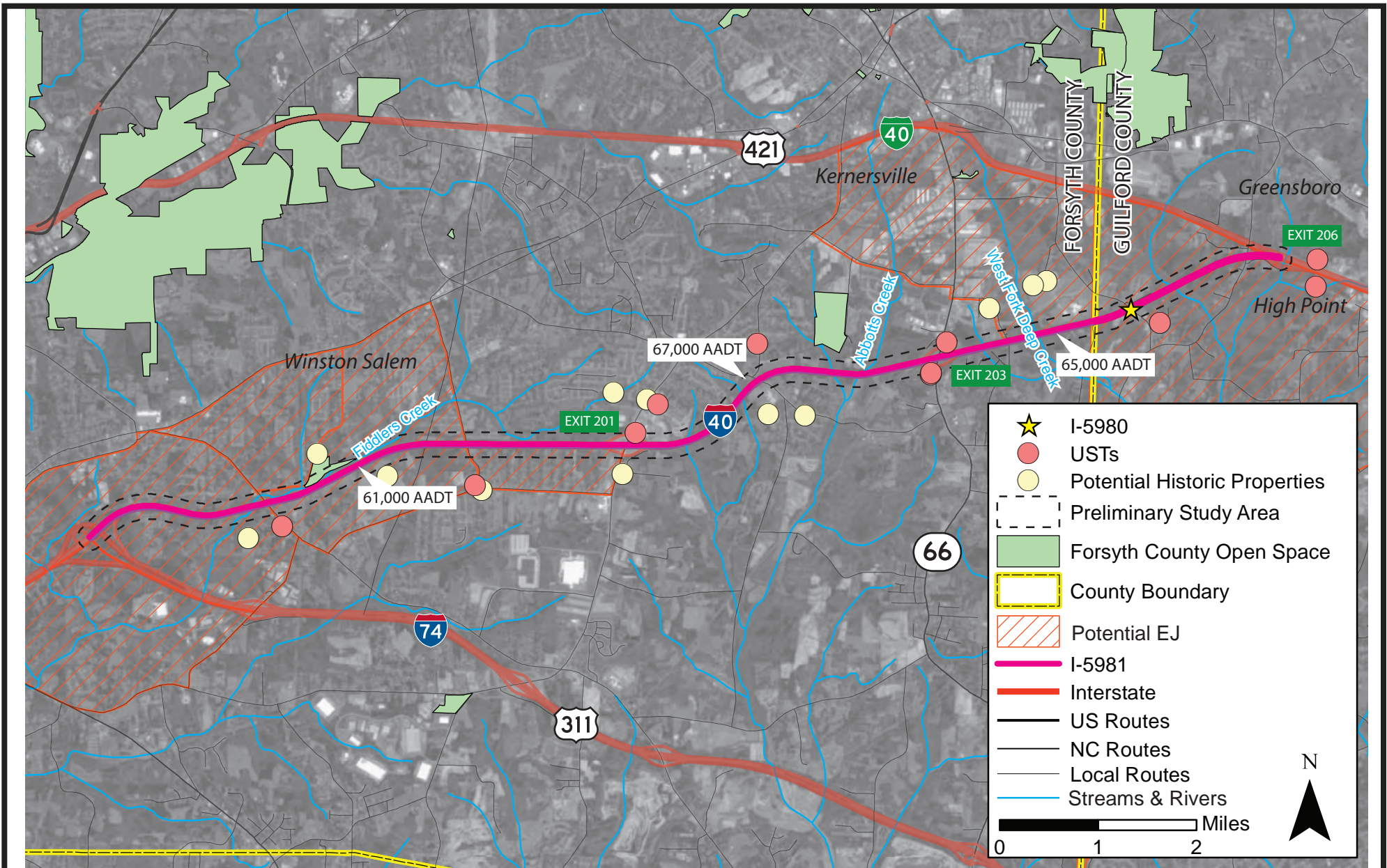
## Vicinity Map

*I-5981- Forsyth and Guilford Counties*

I-40 Widening from I-74/US 311 in Winston-Salem to US 421/Business 40

Figure 1





## Environmental Constraints Map

*I-5981- Forsyth and Guilford Counties*

I-40 Widening from I-74/US 311 in Winston-Salem to US 421/Business 40

Figure 2