



NORTH CAROLINA

Department of Transportation



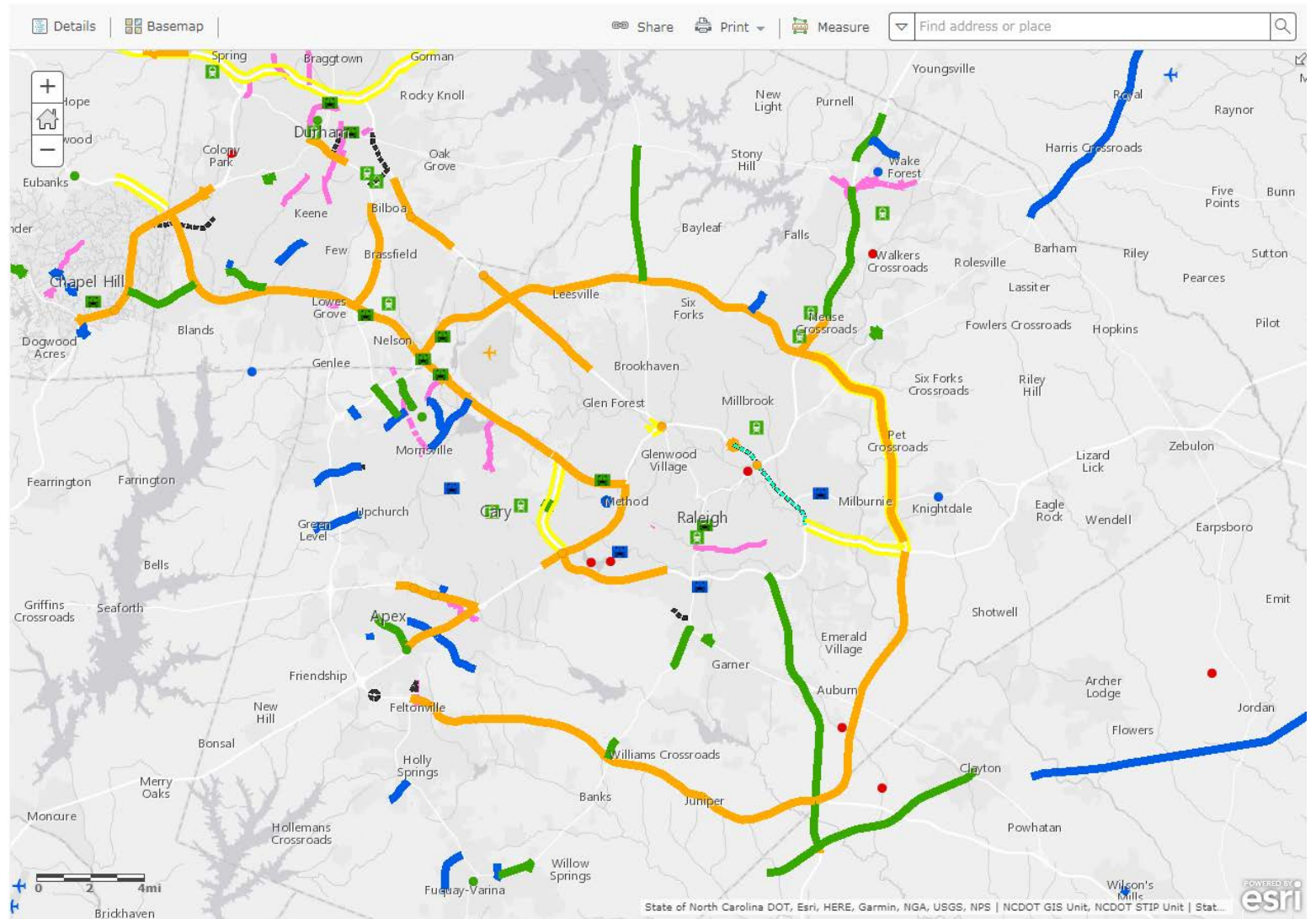
NCDOT Presentation – Weichert Realty

Joey Hopkins, Division Engineer

March 2018

Area Projects

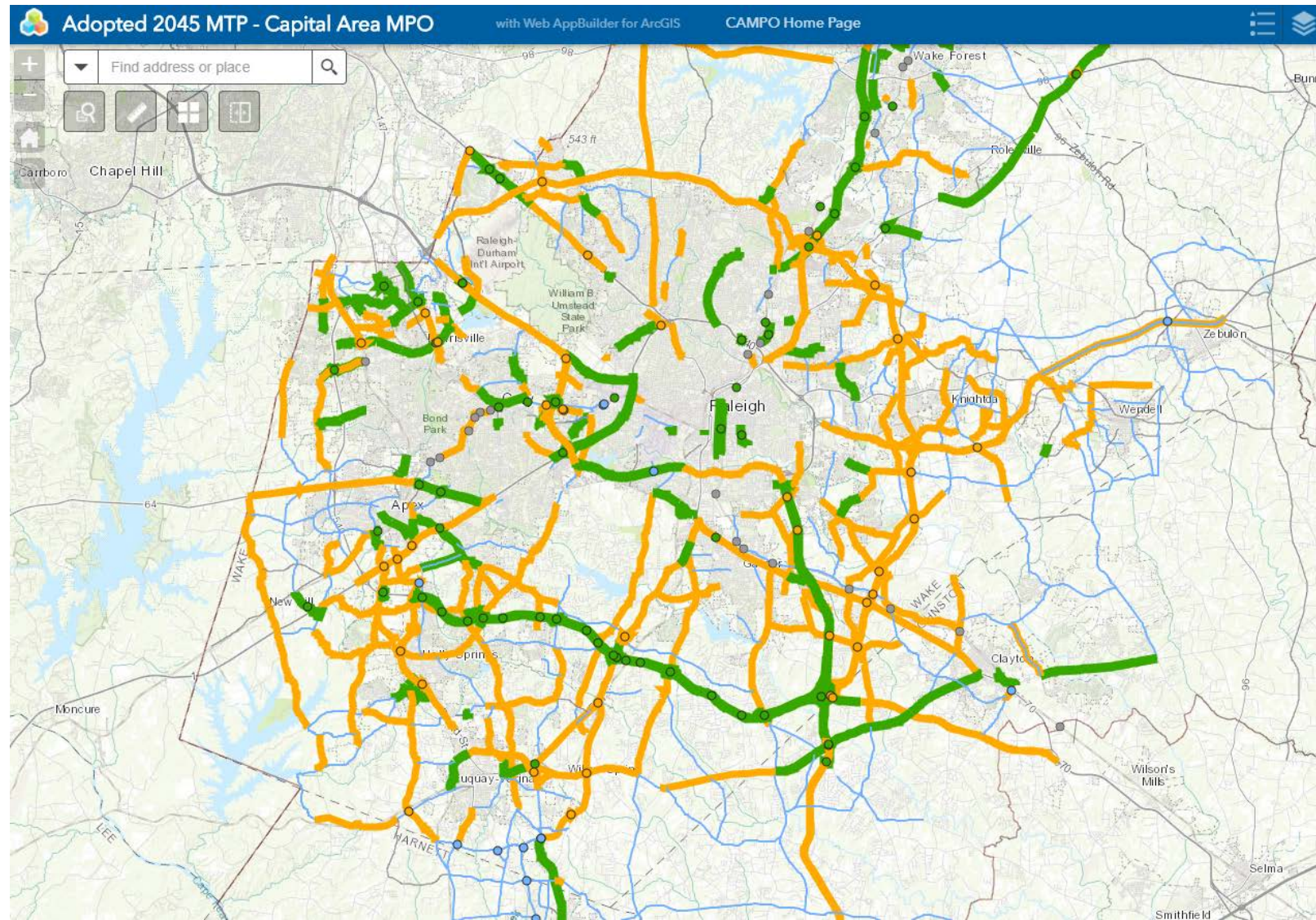
10 Year Capital Program
(2018-2027 STIP)



<http://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=cb02f4f828974670ad01bb83be91b18c>

Area Projects

2045 Metropolitan Transportation Plan

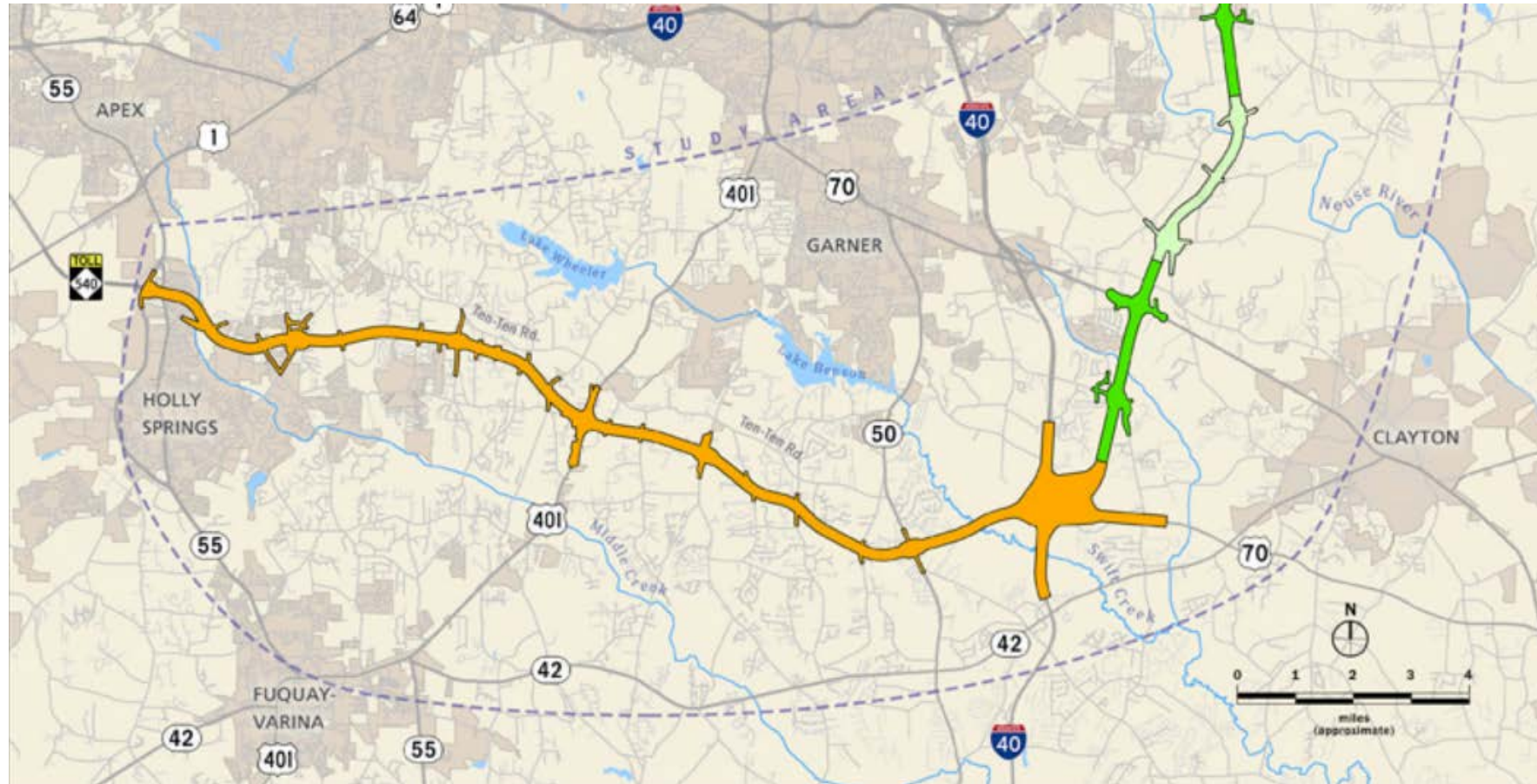


<http://ral.maps.arcgis.com/apps/webappviewer/index.html?id=a576ec0ce8a34d1991e3c383a285971e>

Division 5 Project Highlights

- Complete 540
- I-440 Widening
- I-40 Improvements
- US 70 Improvements
- US 1 Improvements
- Miscellaneous

Complete 540 (Triangle Expressway)



Complete 540 (Triangle Expressway)

Complete 540 Project Schedule*	
Design public hearing	February 2018
Record of Decision published	Summer 2018
Design-build contract awarded for U.S. 401 to I-40 (R-2828)	Fall/winter 2018
Two design-build contracts awarded for R-2721 (N.C. 55 Bypass to U.S. 401)	Spring/summer 2019
Design-build contract awarded for I-40 to U.S. 64/264 (I-495) (R-2829)	FY 2027
*Subject to change.	

Website: <https://www.ncdot.gov/projects/complete540/>

Project Hotline: (800) 554-7849

Email: complete540@ncdot.gov

I-440 Improvements

Project Description

- 6.5 miles – Widen I-440 from four lanes to six lanes to match rest of I-440 and eliminate bottlenecks
- 2 Grade Separations:
 - Athens Dr
 - Ligon St

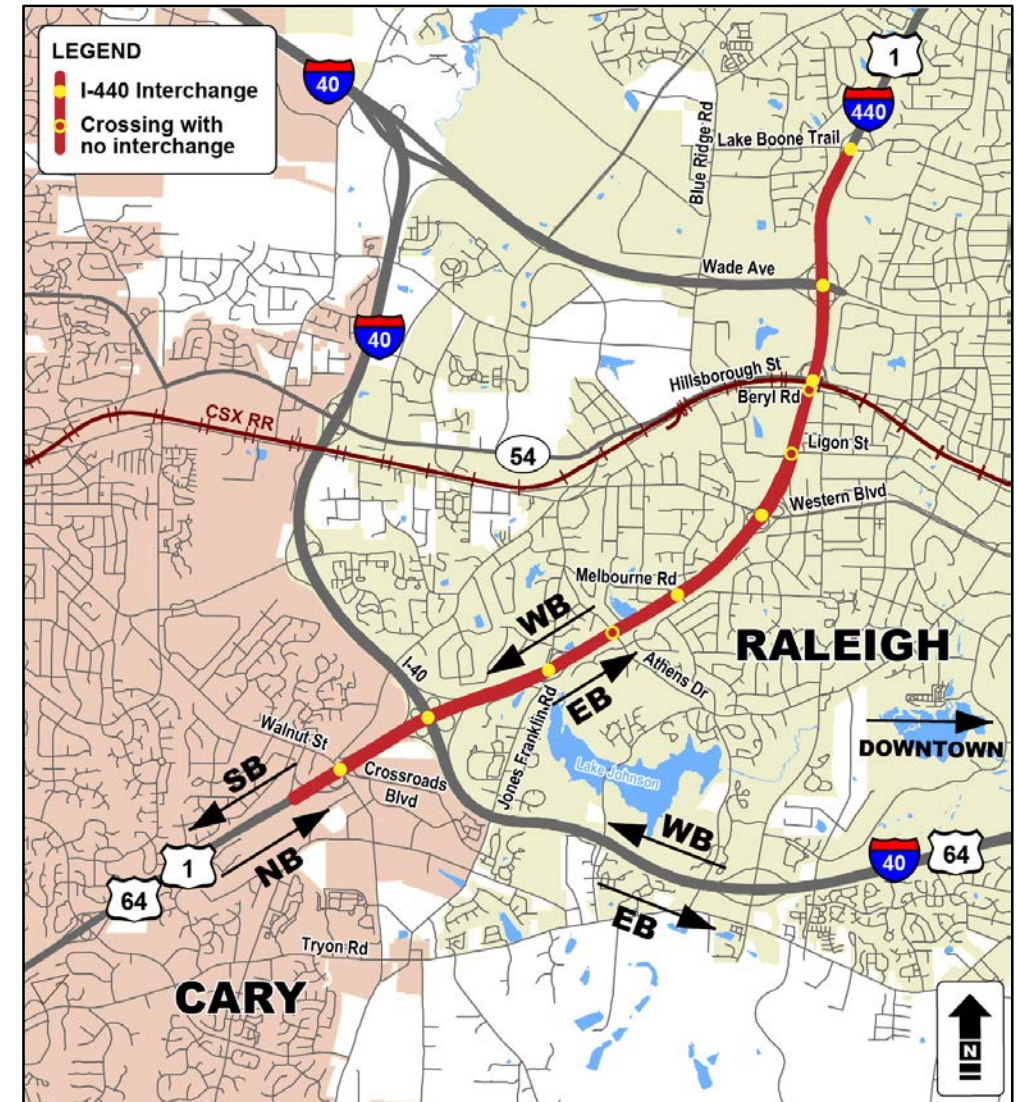
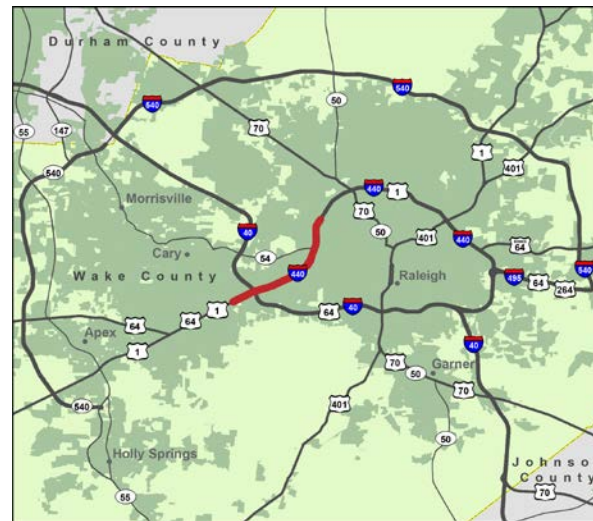
- 6 Interchanges:
 - Jones Franklin Rd
 - Melbourne Rd
 - Western Blvd
 - Hillsborough St
 - Wade Ave
 - Lake Boone Tr

Status

- Public Comment Period Ended – September 8

Project Schedule

- DB Let Scheduled for July 2018



I-440 Improvements

Public Involvement

- Public Meeting #1 – 12/03/12
- Public Meeting #2 – 11/12/14
- Public Hearing – August 2017

Cost – Range for Detailed Study Alternatives
(\$348 million programmed in STIP)

- **Total** **\$ 450.4 million to \$ 477.6 million**

Hot Button Issues

- Alternatives and impacts in the Hillsborough St / Wade Ave interchange area (3 alts- One Flyover, Two Flyovers, and Slight Detour)
- Location of Reedy Creek Greenway replacement
- Ligon St grade separation alternatives

Other Topics

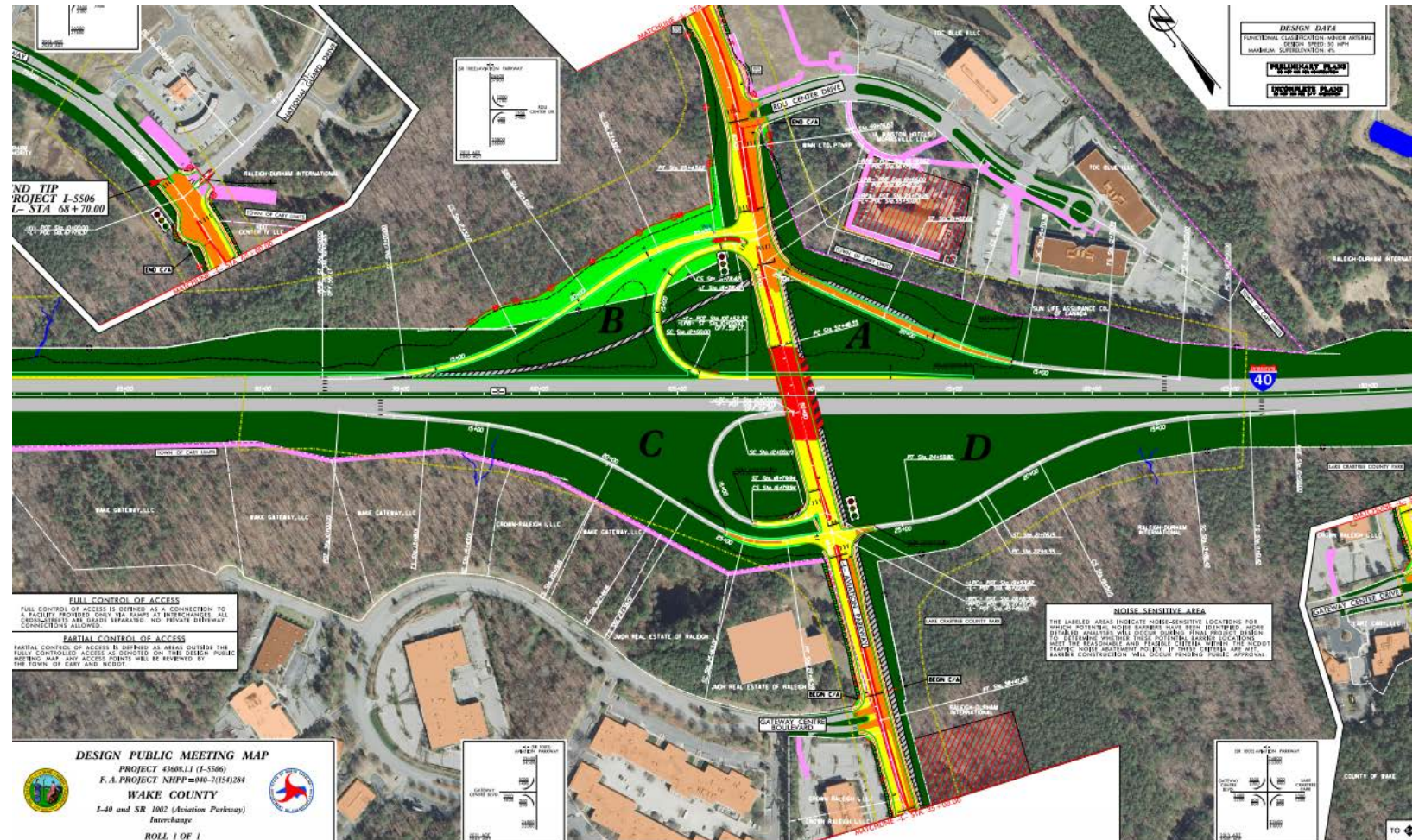
- Can keep 2 lanes of traffic open on I-440 during construction.
- Median planters similar to existing ones in I-440 median possible from Jones Franklin Road to Ligon St if cost-shared with Raleigh.



I-40 Improvements

I-40 and Aviation Parkway Interchange

- Contract 2/2018
- Coordinate with Aviation Parkway Widening Project
- Replace Bridge
- Add Loop in Northwest Quadrant



I-40 Improvements

Project Description

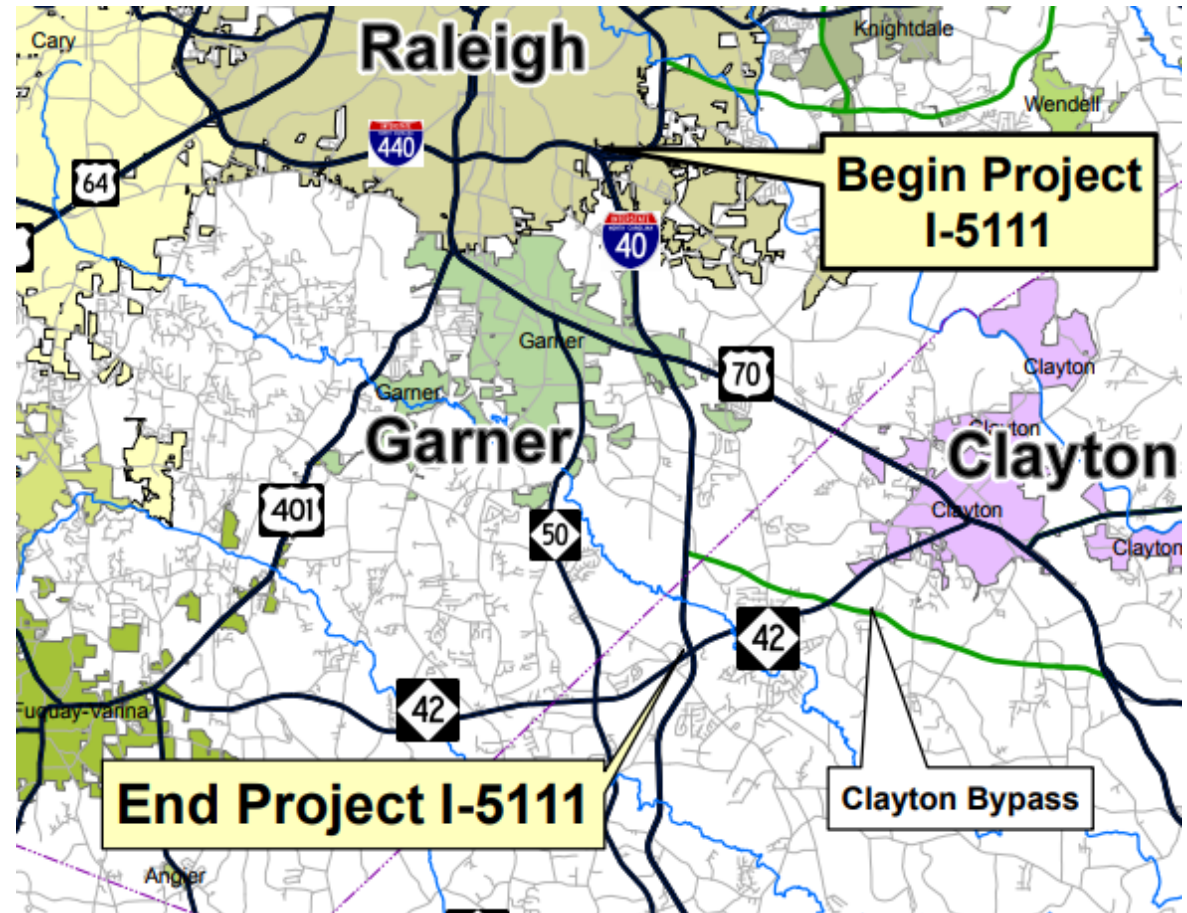
- 11 miles – Add two additional lanes from the Beltline to NC 42
- Accommodate Future Managed Lane
- Include NC 42 Interchange

Cost

- I-40 - \$225 Million
- NC 42 - \$105 Million

Project Schedule

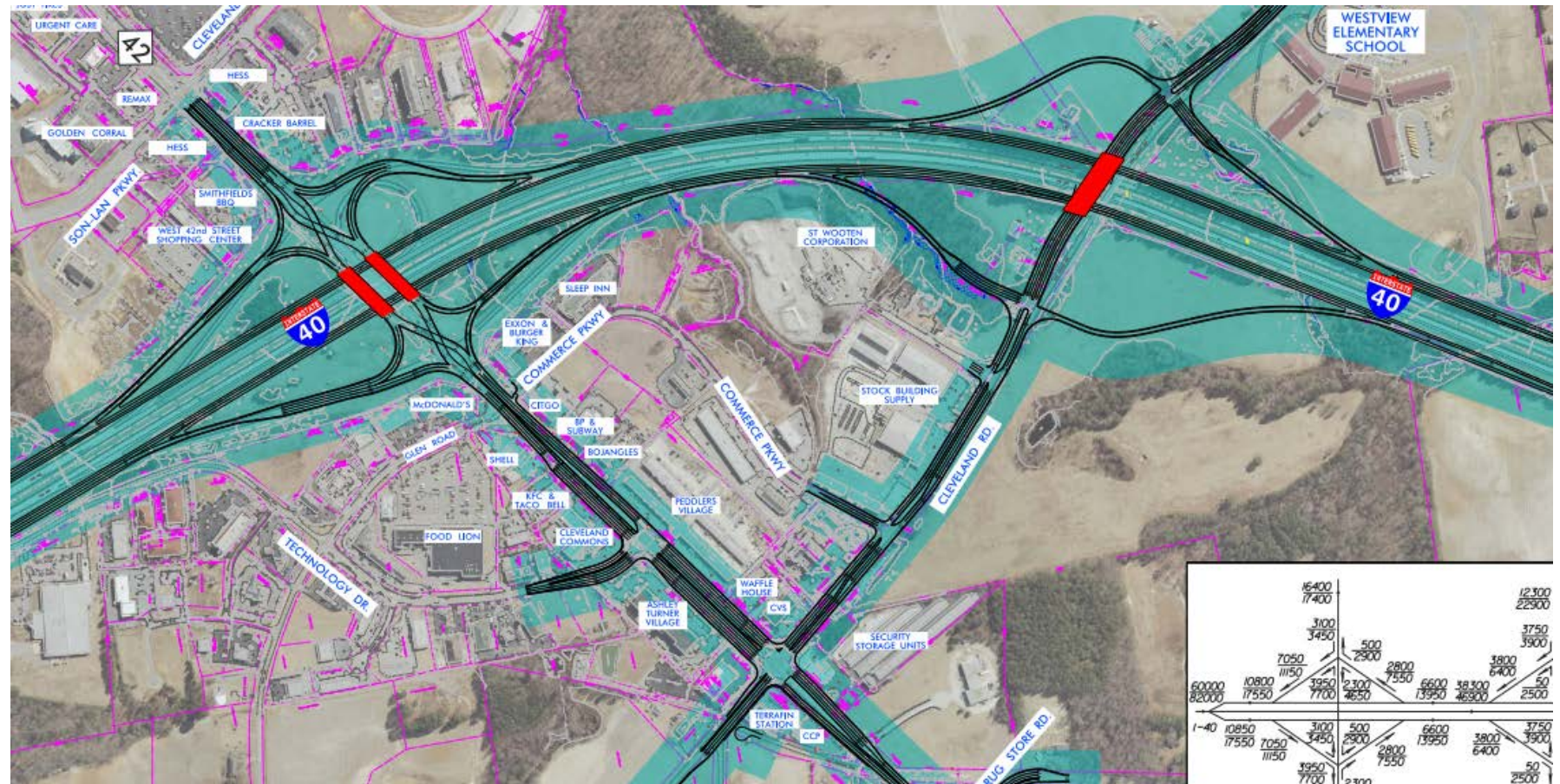
- DB Let Scheduled for June 2018



I-40 Improvements

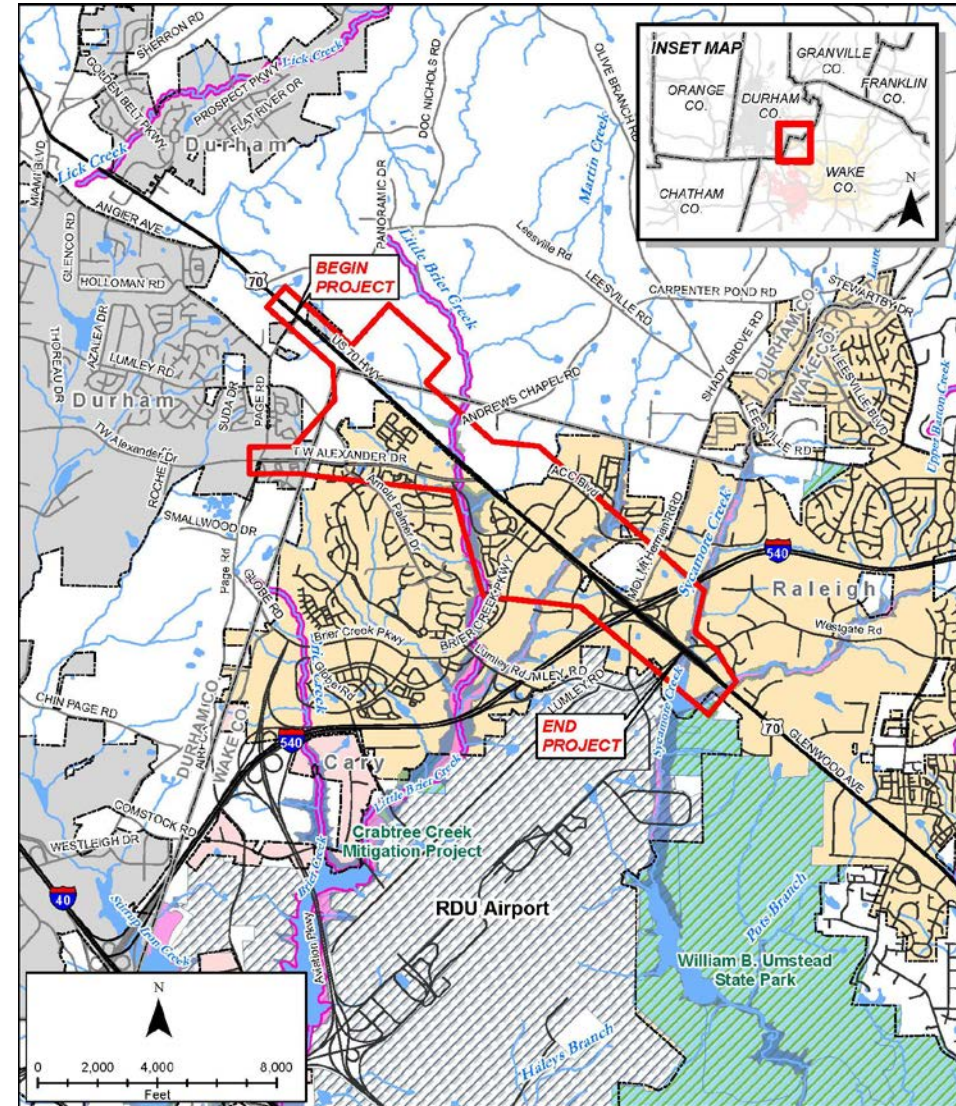
NC 42 Interchange

- Collector Design
- Additional Interchange at Cleveland School Rd
- Reduces Access Points to I-40



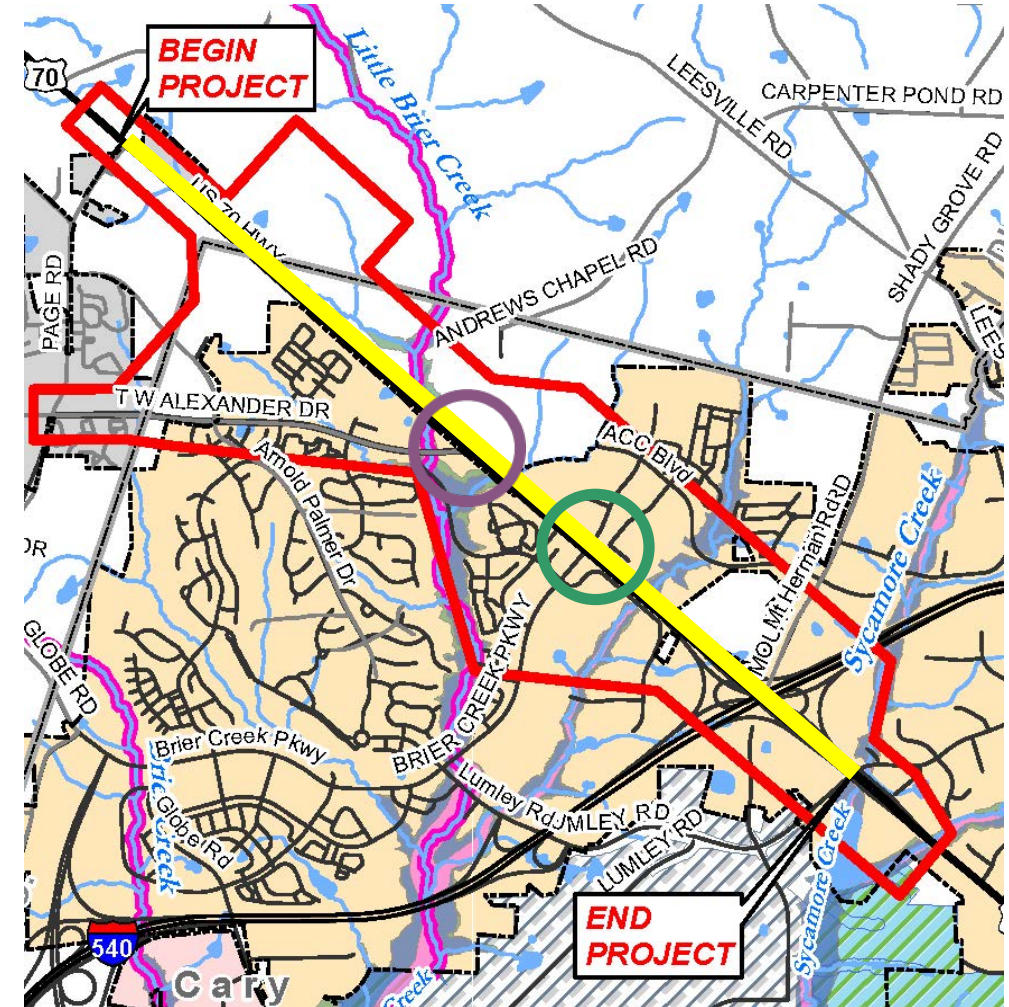
US 70 from I-540 to T.W. Alexander

- US 70 (Glenwood Avenue) – regional east-west route between Raleigh and Durham
- From west of T.W. Alexander Drive (SR 3067)
- To east of I-540 – near Lumley/Westgate Road
- Northwestern Wake County and Southeastern Durham County
- Within the City of Raleigh and the City of Durham's municipal boundaries



US 70 from I-540 to T.W. Alexander

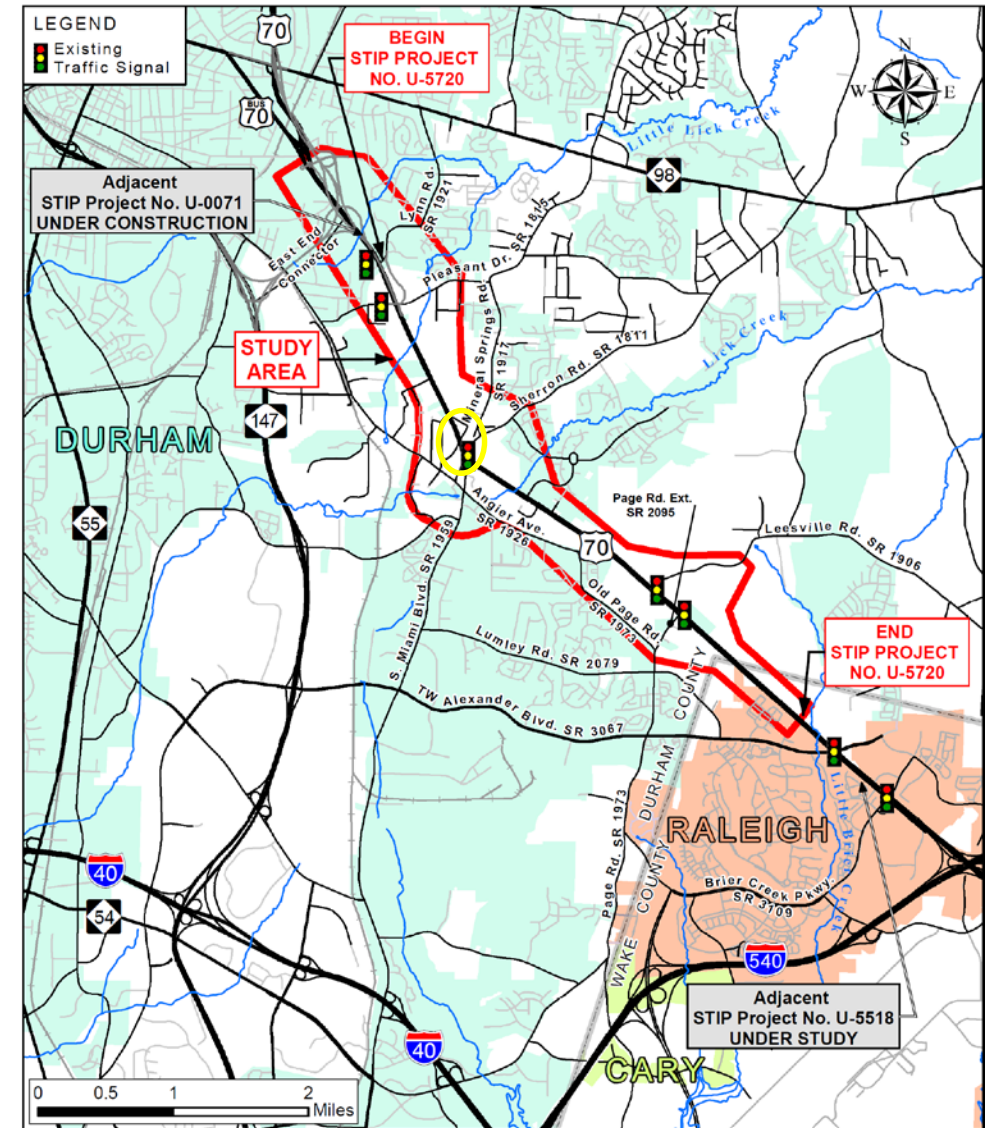
- Six-lane divided facility – grass and paved median
- Limited control of access
- Principal arterial
- 55 miles per hour posted speed limit
- 33,600 – 59,400 vehicles per day (2013 data)
- One Interchange US 70 with I 540
- Two signalized intersections
 - T.W. Alexander Drive
 - Brier Creek Parkway



US 70 from Lynn Road to west of T.W. Alexander

Project Description

- Upgrade US 70 to a controlled-access facility from Lynn Rd in Durham (East End Connector) to west of TW Alexander Dr in Raleigh
- Convert the at-grade intersection of US 70 with Mineral Springs Rd / Sherron Rd / South Miami Blvd to an interchange
- No driveways or intersections
- Access to US 70 will be provided at interchange locations



Schedules

Convert the intersections of TW Alexander Dr and Brier Creek Pkwy with US 70 to interchanges

- Right of Way & Construction - [2019](#)

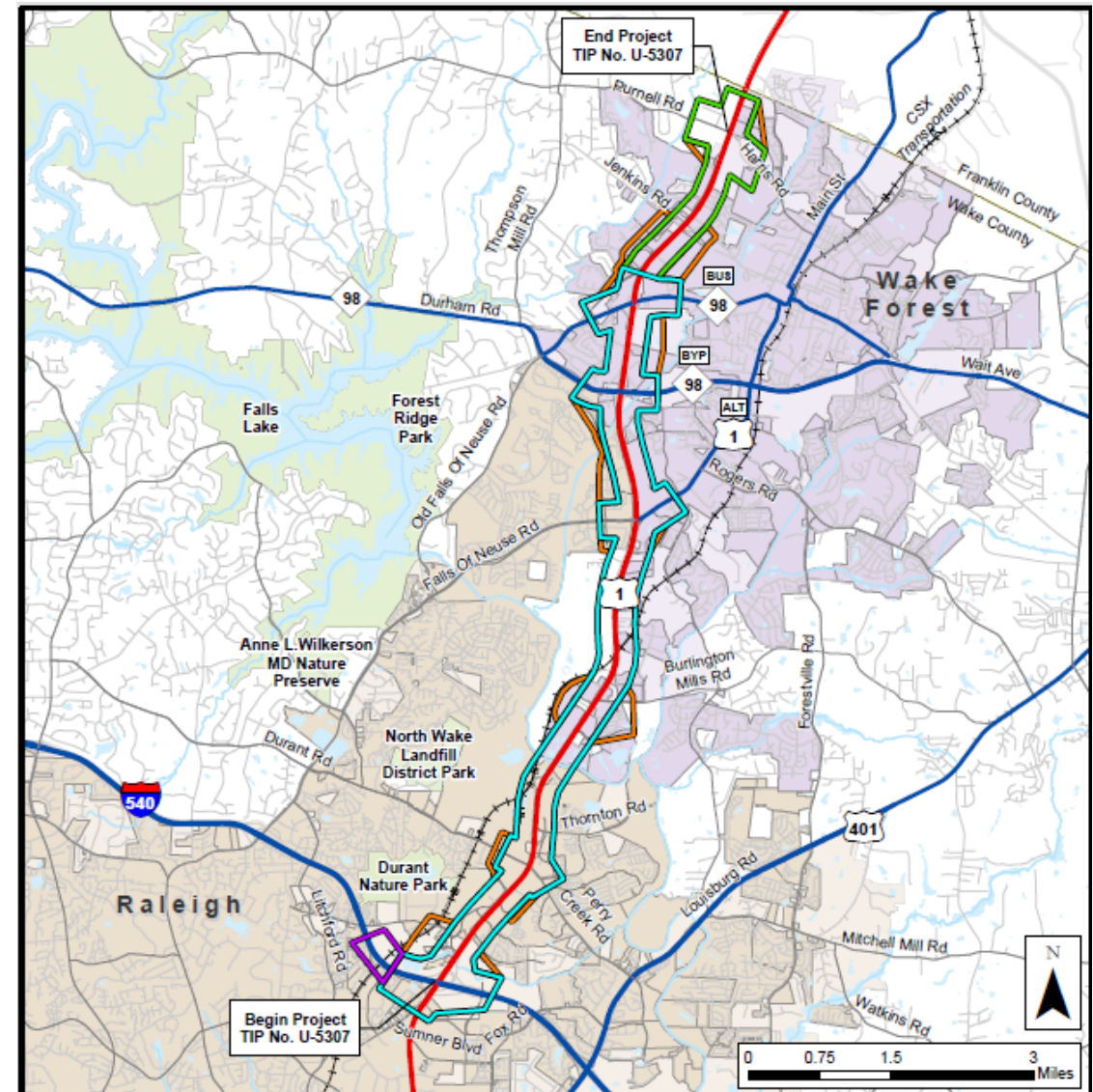
Upgrade US 70 to a freeway and convert the South Miami Blvd intersection to an interchange

- Right of Way & Construction - [2022](#)

US 1 From I-540 to

Freeway Upgrade Controlled Access

- no driveways or intersections
- access to US 1 will be provided at interchange locations – Perry Creek/Durant; Burlington Mills; US 1A/Falls of Neuse; Harris/Purnell Road
- Right of Way & Construction - 2021



Miscellaneous

Right of Way Acquisition

Who is responsible for road maintenance??

Links -

NCDOT Homepage - www.ncdot.gov

Project page - <http://www.ncdot.gov/strategictransportationinvestments/>

NC540 website - <http://www.ncdot.gov/projects/complete540/>

Road Lookup - <http://www.ncdot.gov/travel/statemapping/default.html>

Contact - <http://www.ncdot.gov/contact/>

THANK YOU!!