



US 70 Multimodal Corridor Plan

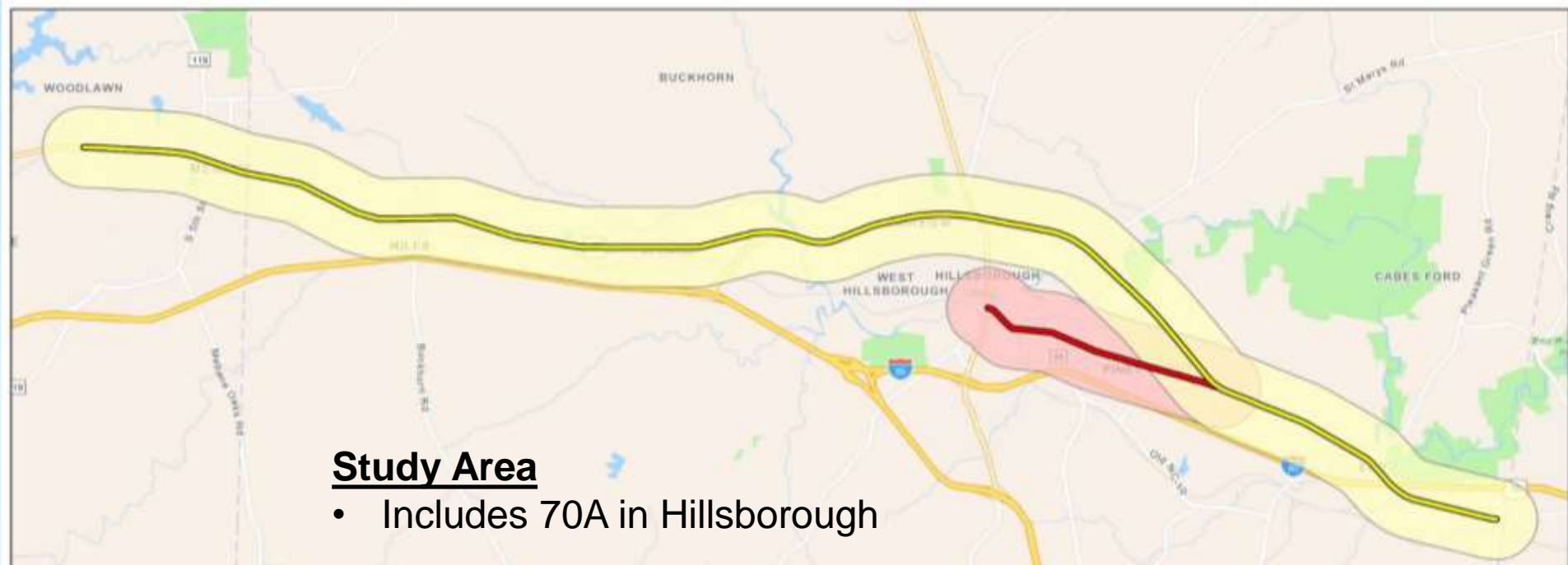
Hillsborough

Outline

- **Background**
 - Existing Conditions
 - Public Engagement
- **Draft Plan**
 - Goals, Objectives, Critical Issues
 - Recommendations
- **Implementation**
 - Funding

Background





Existing Conditions



Water Quality, Sources, & Watersheds



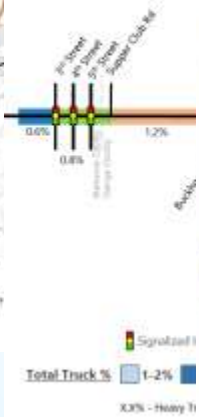
- 1.1 Introduction
 - 1.1.1 Study Purpose
 - 1.1.2 Study Context
- 1.2 Transportation Infrastructure
 - 1.2.1 US 70 Roadway Design Elements

Existing Transit Routes

Regional Hiking & Biking Routes

Total Truck Percentages

Estimated from 2019 Location-Based Services



Distribution of US 70 trips for point west of West Hill St (2019 StreetLight LBS Data)



US 70 Multimodal Corridor Study

Including:

- Traffic Volume
- Level of Service
- Heavy Truck
- Peak & non-Peak
- Off-road crashes

Public Engagement

Project Schedule



Community Meetings Round #1

- ★ **MARCH 7 | 5:00 - 7:00 PM**
Passmore Center
103 Meadowlands Dr.
Hillsborough, NC 27278
- ★ **MARCH 9 | 5:00 - 7:00 PM**
Mebane Arts and Community Center
633 Corridor Street
Mebane, NC 27302
- ★ **MARCH 14 | 5:00 - 7:00 PM**
Town Hall Annex
105 E Corbin Street
Hillsborough, NC 27278

Your Input is Needed!

Please visit the project website (www.us70west.com) to sign up for project updates. The website includes an online map to virtually provide your comments and concerns regarding the U.S. 70 West Corridor. We would like to hear where you might also like to see improvements including bicycle and pedestrian connections, and enhancements to local and regional bus service and facilities.

The meeting will be an open house informational meeting with a short presentation at 5:00 and 6:00 PM. There will also be an opportunity for interactive activities to express your thoughts as well as speak directly with study team members.

Other Ways to Get Involved

Visit the project website to sign-up for email updates (www.us70west.com), provide more comments, and review project materials.

PROJECT CONTACT

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US 70 Multimodal Corridor Study Community Meeting Notice

The Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC-MPO) is conducting a study of **U.S. 70 West, from NC 119 in Mebane to U.S. 751 in Orange County**. The Study will provide recommendations for future development of the transportation corridor with specific focus on multimodal facilities.

A series of three Community meetings to share improvement recommendations and get feedback on priorities will be held in the locations listed below. Light refreshments and a Playzone for kids will be provided at each meeting. All meetings will have an associated Zoom link for virtual attendance and will be available on the project website. Please visit the project website or reach out to the project team for any questions.



Community Meetings Round #2

- ★ **SUNDAY, NOVEMBER 19TH**
2:00-4:00 PM
Mebane City Hall
106 East Washington Street
Mebane, NC 27302
- ★ **SATURDAY, DECEMBER 2ND**
2:00-4:00 PM
Town of Hillsborough Town Hall
106 East Corbin Street
Hillsborough, NC 27278
- ★ **SATURDAY, DECEMBER 9TH**
2:00-4:00 PM
Whitted Building, Main Meeting Room
300 W Tryon Street
Hillsborough, NC 27278

Need a Ride?

Orange County On-Demand services are available. Learn more by calling (919-245-2008) or check out the Mobility on Demand (MOD) Service website for more information here: <https://www.orangecountync.gov/2624/MOD>

Project Website



The updated project website (www.us70west.com), accessible by scanning the QR code, is a convenient resource for tracking the progress of the study, providing feedback, and checking the schedule and location of outreach activities.

1st Round Workshop
March

2nd Round Workshop
November/December

Public Engagement

- Relieving vehicular congestion
- Slowing down speeds of cars
- Improving intersections and crosswalks
- Maintain the character of the corridor
- Providing more bus, pedestrian and bicycle connections
- Improved access and circulation into schools.



Goals and Objectives



Mobility

- Manage traffic congest
- Prioritize bike/ped.
- Improve transit access



Placemaking

- Transportation investment protect community character
- Prioritize bike, ped, and transit in urban areas



Safety

- Improve comfort for non-automobile users
- Work towards Vision Zero
- Reduce pedestrian-automobile conflicts



Job Access

- Improve access to jobs in and outside corridor



Natural Environment

- Improve multimodal access to parks
- Reduce wildlife-automobile conflicts

Critical Issues

Natural Environment

- Natural areas that are recreational destinations lack connectivity to the multimodal transportation network
- The corridor experiences a large amount of animal crash incidents.



Built Environment

- US 70 poses a significant barrier to pedestrian connectivity in urban areas despite existing crossings.
- US 70 does not have sufficient multimodal facilities to support its growing business.
- US 70 detracts from the character of the municipalities it traverses.



Critical Issues

Active and Vehicular Transportation

- Low-income populations have limited access to the multimodal transportation network.
- Inadequate pedestrian connectivity to bus stops reduces transit demand.
- Existing pedestrian facilities do not serve most of the corridor.
- No dedicated bicycle facilities exist in the corridor.
- Schools in the corridor are significant sources of congestion.
- Roadway infrastructure in the corridor does not have the capacity for the future projected traffic demand
- High traffic speeds contradict existing and planned residential and commercial development in the corridor.



Critical Issues

Transit

- Low-income populations have limited access to the multimodal transportation network.
- Inadequate pedestrian connectivity to bus stops reduces transit demand.
- No bus stop in the corridor meets ADA standards.
- Areas projected to experience significant employment growth, particularly for low-income jobs, are not served by public transit.
- Bus service is too infrequent to be a convenient, reliable travel option, especially for those commuting at non-traditional times.
- Bus routes do not serve some of the corridor's largest trip producers and attractions.



Critical Issues

Safety

- Pedestrian crossings across US 70 lack adequate safety features.
- High traffic speeds pose a significant threat to non-automobile users.
- No dedicated bicycle facilities exist in the corridor.
- The corridor experiences a large amount of animal crash incidents



Recommendations - Policy

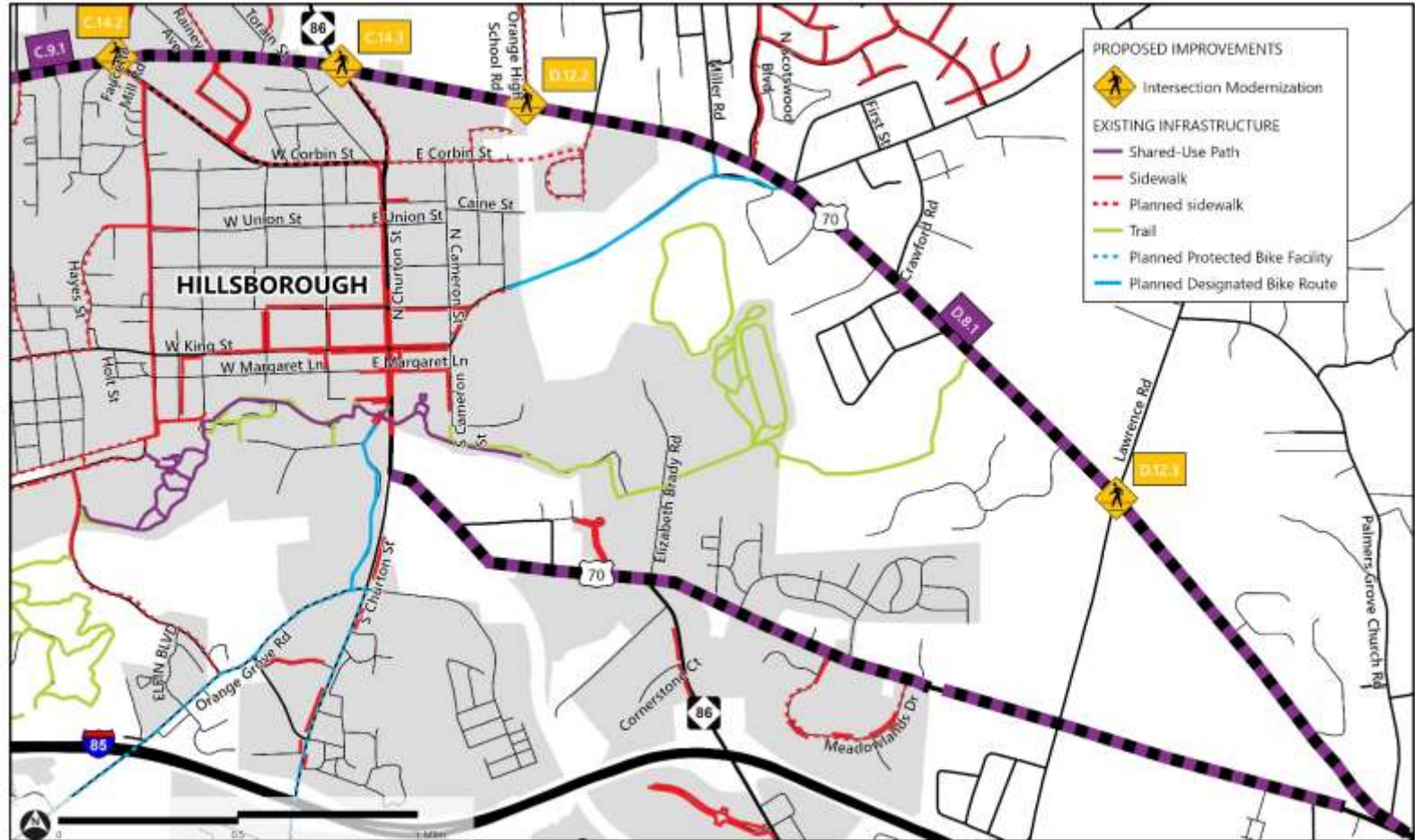
Extend sidewalk connectivity to anticipated growth areas.

- Establish a maintenance agreement between NCDOT and Orange County for new and existing pedestrian facilities on US 70.
- Require developers building on land parcels fronting US 70 to either construct sidewalk along their frontages, dedicate ROW for future construction, or pay in lieu.

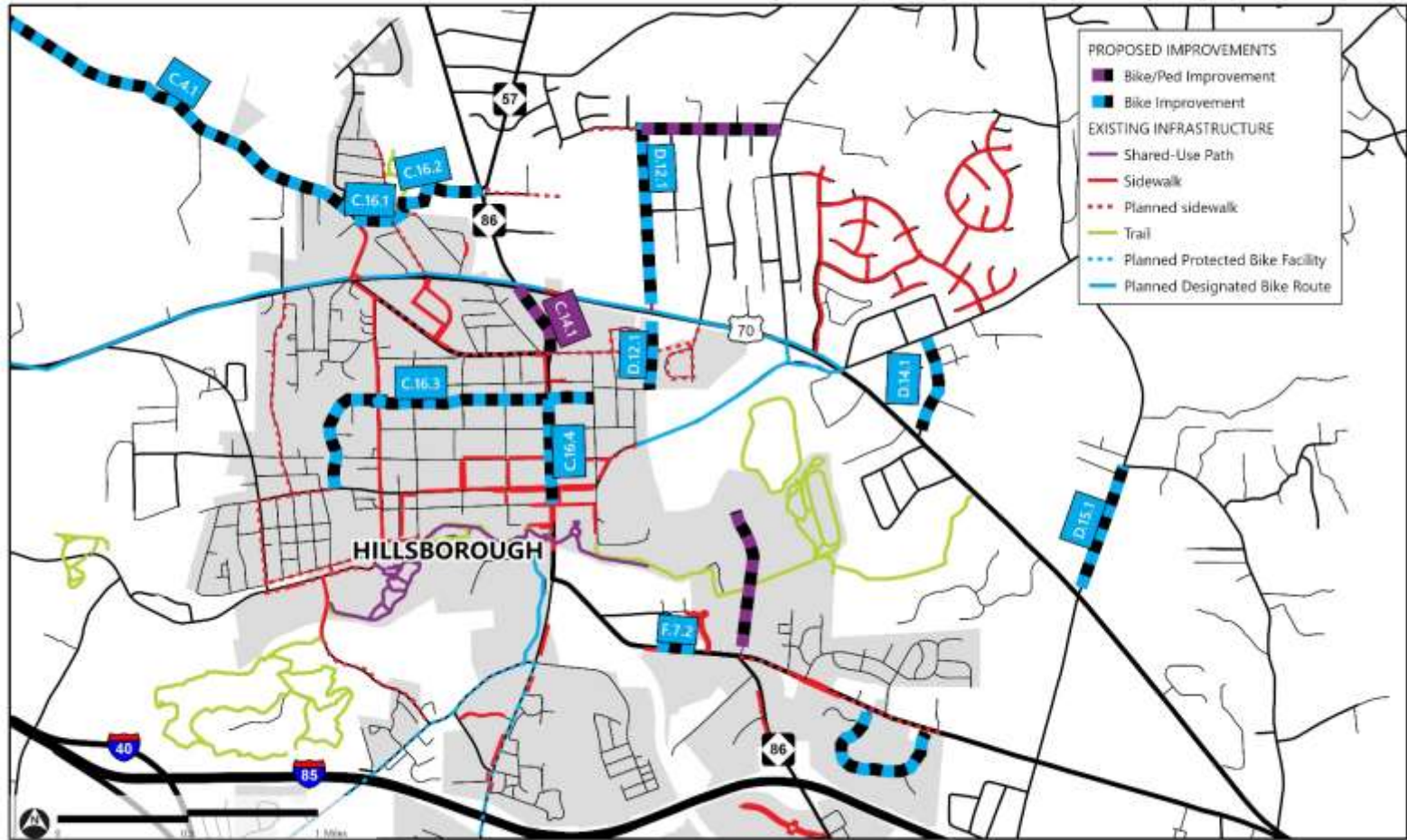
Manage travel demand for future development in the Efland-Buckhorn-Mebane economic development area.

- Update the *Efland-Buckhorn-Mebane Access Management Plan* to include pedestrian, bicycle, and transit connectivity recommendations.

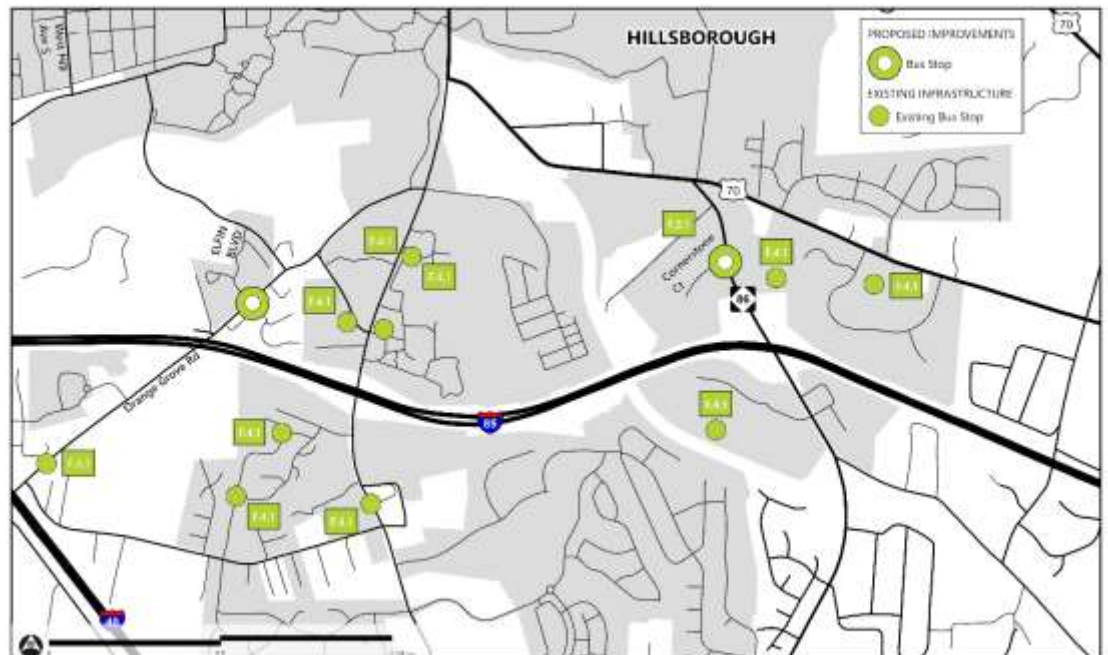
Recommendations - Hillsborough



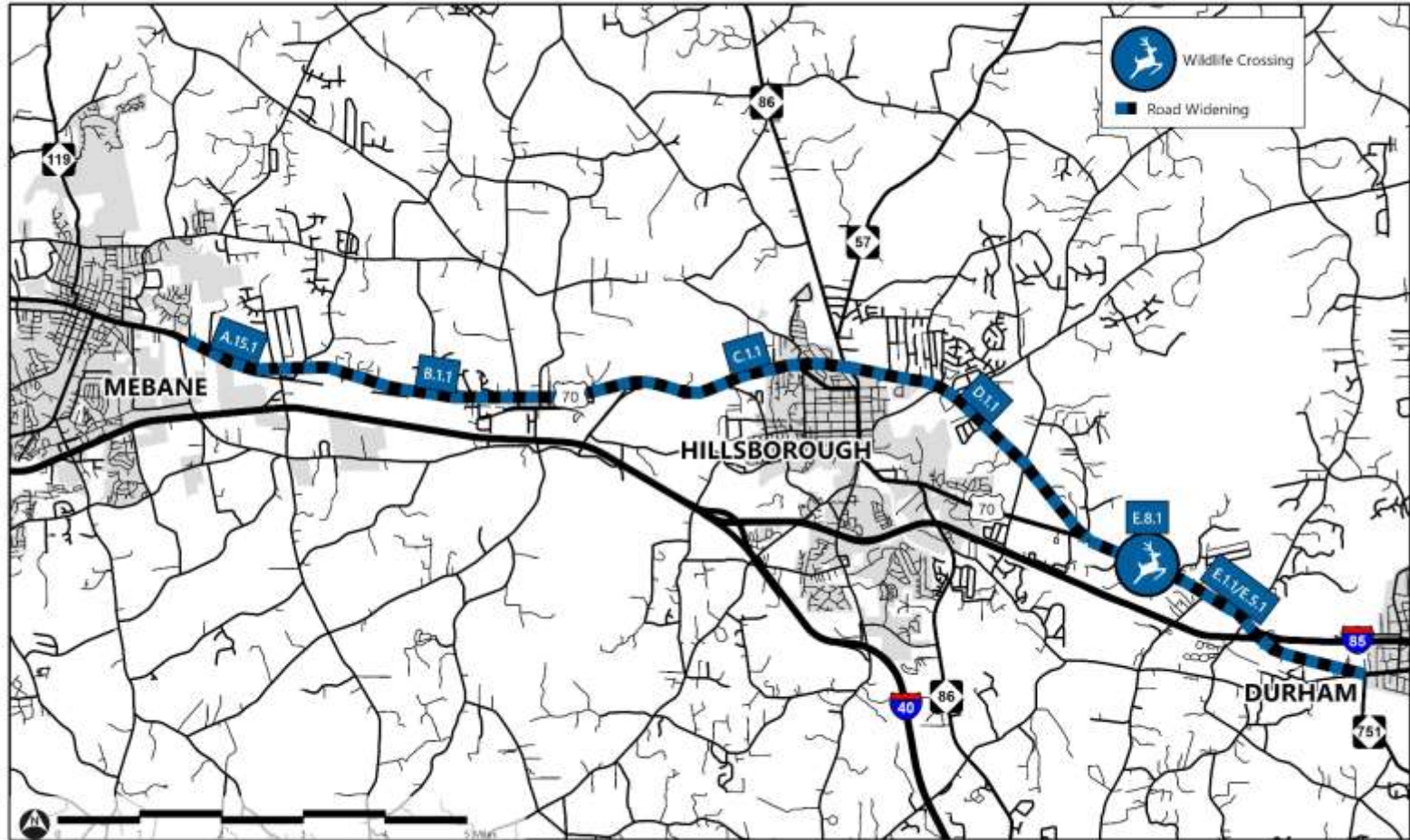
Recommendations - Hillsborough



Recommendations - Hillsborough



Recommendations - Hillsborough



Recommendations - Funding

Federal

- Rebuilding American Infrastructure with Sustainability and Equity (RAISE)
- Safe Streets For All (SS4A)
- TPM Bus and Bus Facility Grant Program (TPM)

State

- Transportation Improvement Program (STIP)
- Complete Streets
- SPOT Safety/Mobility/HSIP

Local

- Private Development
- Local Government

Requested Action

- Approve US 70 Multimodal Corridor for portions of Segment C, D and F without Hillsborough Town Limits
- Endorse US 70 Multimodal Corridor outside Hillsborough.