

US 70 Bypass

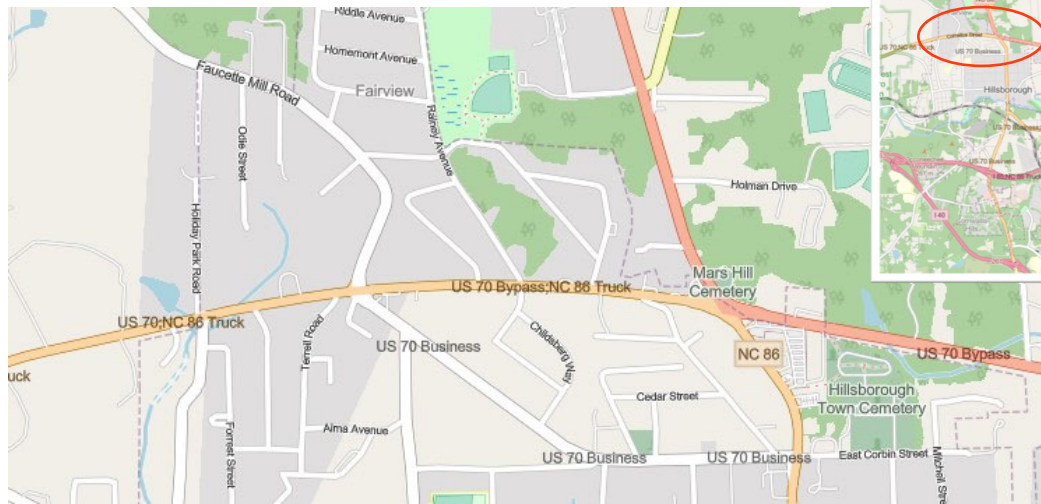
Safety Concerns and Review of Existing Plans



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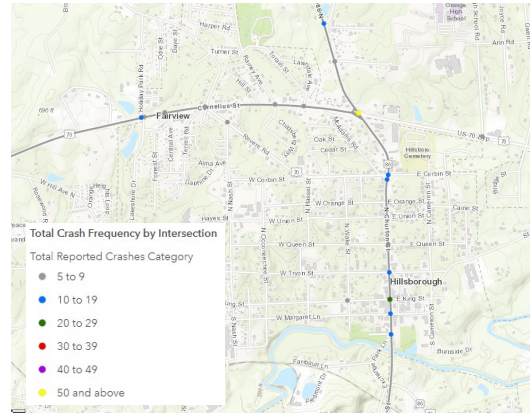
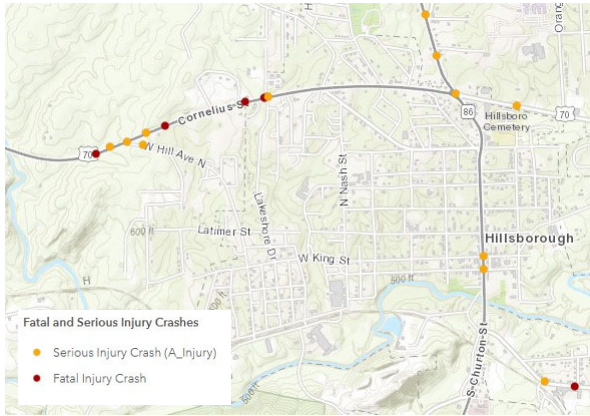
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US 70 Bypass, Hillsborough



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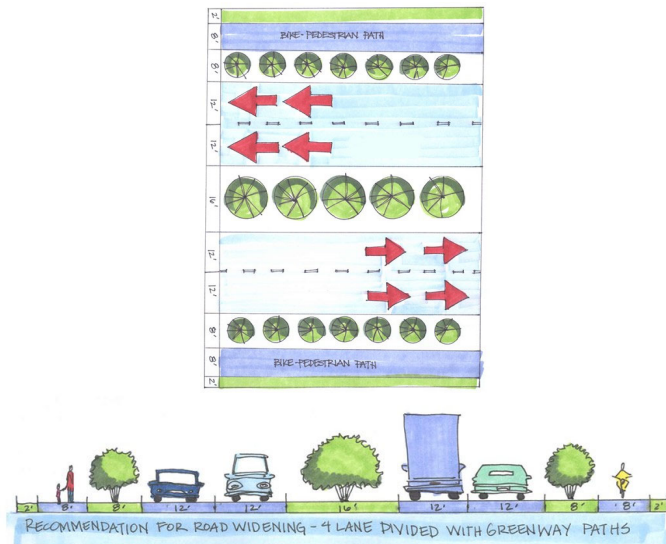
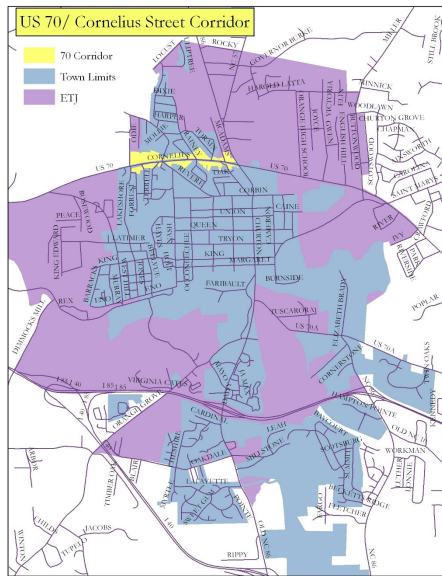
Fatal and Serious Injury Crash Locations (NCDOT)



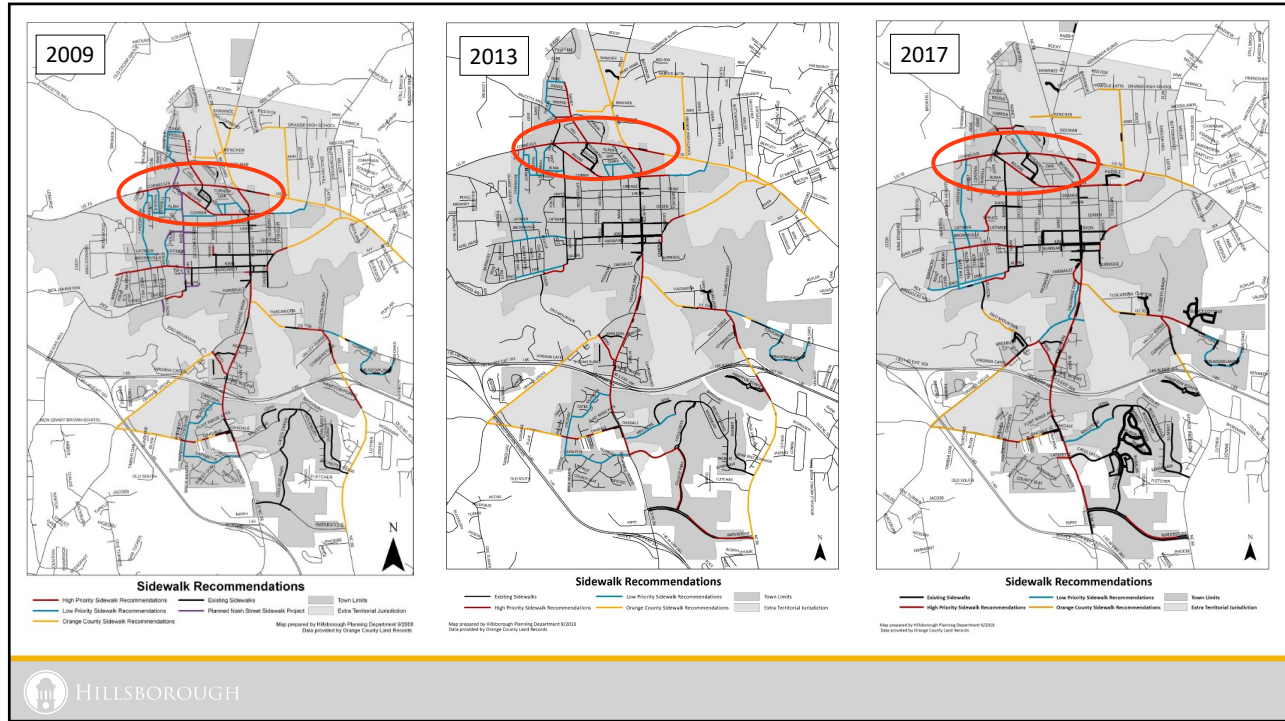
<https://connect.ncdot.gov/resources/safety/lists/crash%20datamaps/allitems.aspx>



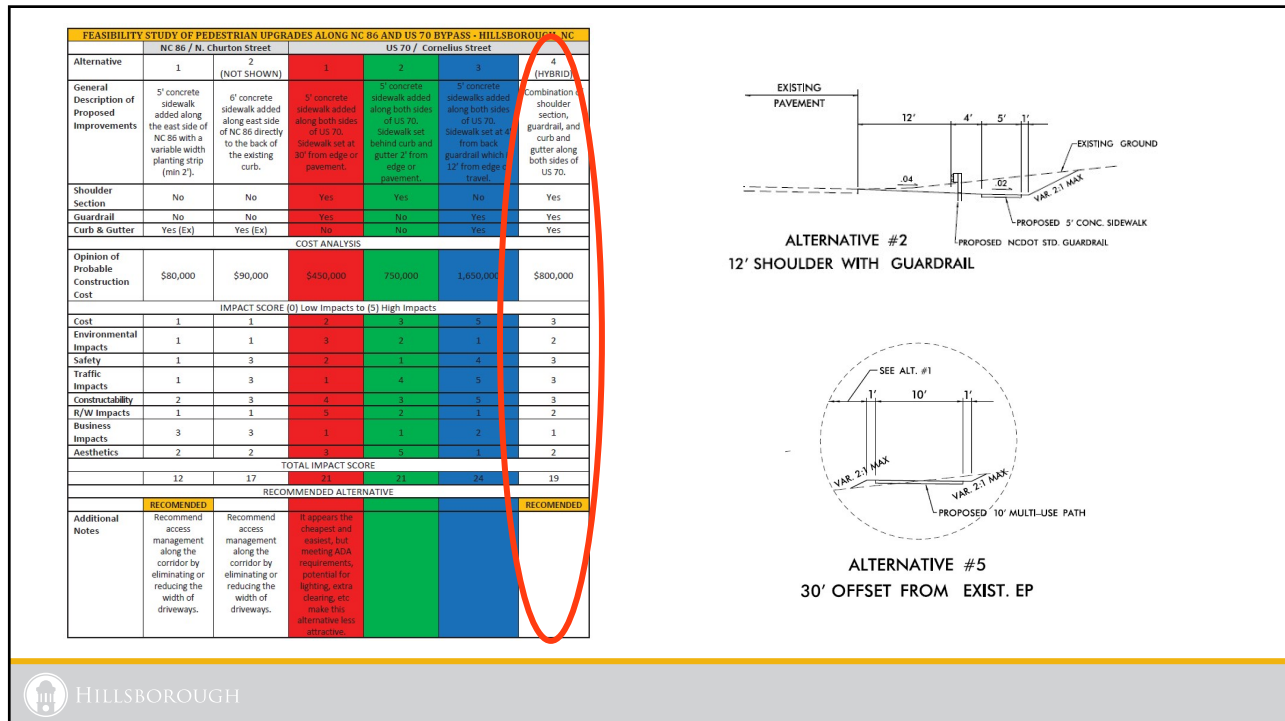
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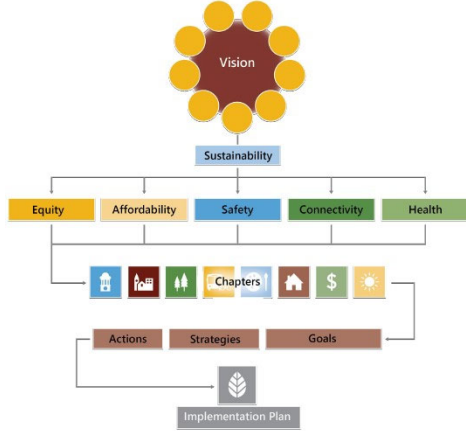



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HILLSBOROUGH COMPREHENSIVE SUSTAINABILITY PLAN

Local Priorities


Through this planning work, the town has identified several priority projects and planning studies to improve the transportation network over the next several years, including:

- › N.C. 86 Connector / Orange Grove Road Extension Study — final alternative approved by the board from the Eno Mountain Road
- › South Churton Street Multimodal Corridor Study — to evaluate possible designs prior to the NCDOT STIP Project No. U-5845
- › Ridgeway Greenway Feasibility Study
- › Downtown Parking Study



RESOLUTION

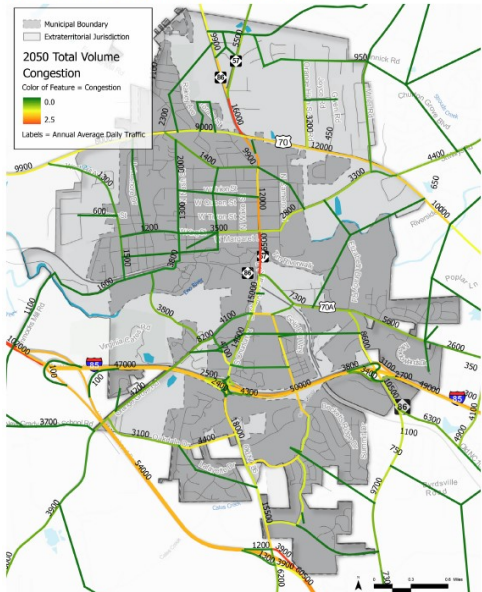
For the adoption of a Vision Zero policy to eliminate traffic fatalities and serious injuries by 2040



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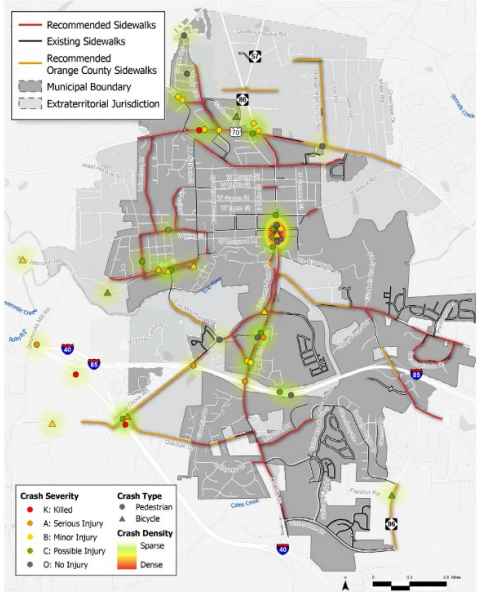
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Figure 6.7. Volume and Congestion Map — Triangle Regional Model




Source: Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

Figure 6.11. Bike & Pedestrian Crashes from 2011 to 2020 & Sidewalk Recommendations

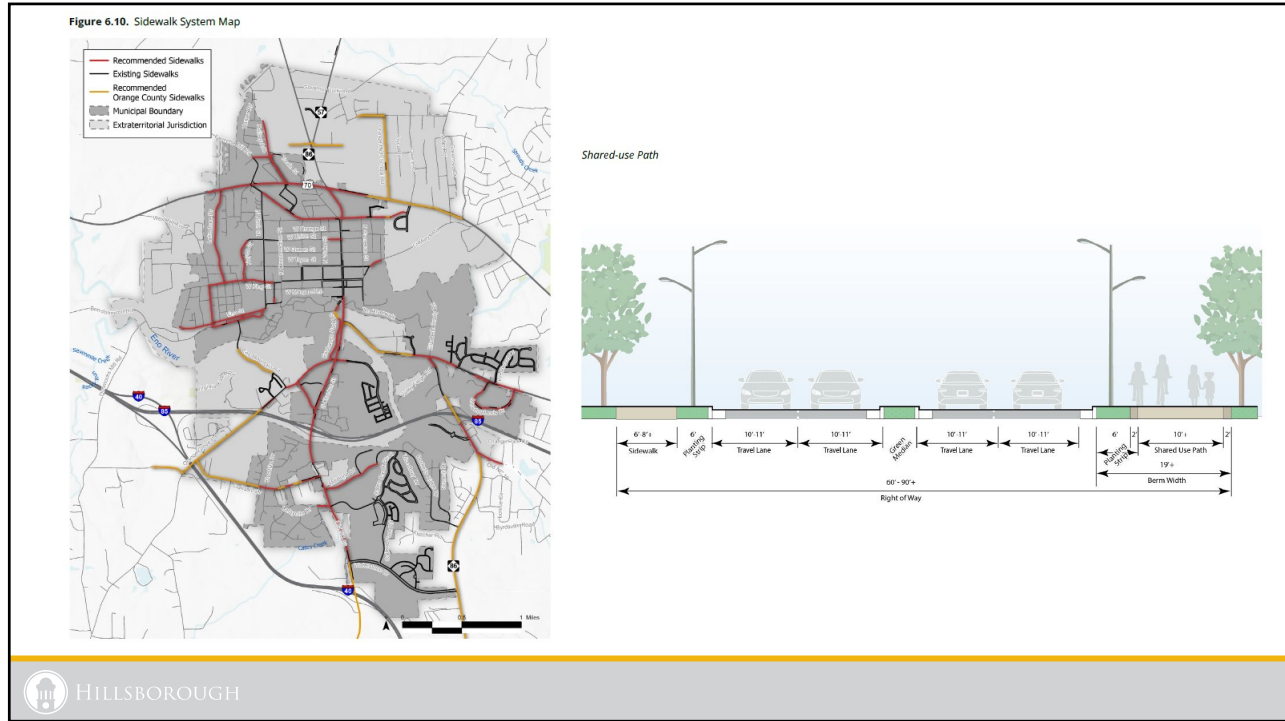


Source: Town of Hillsborough Community Connectivity Plan, NCDOT

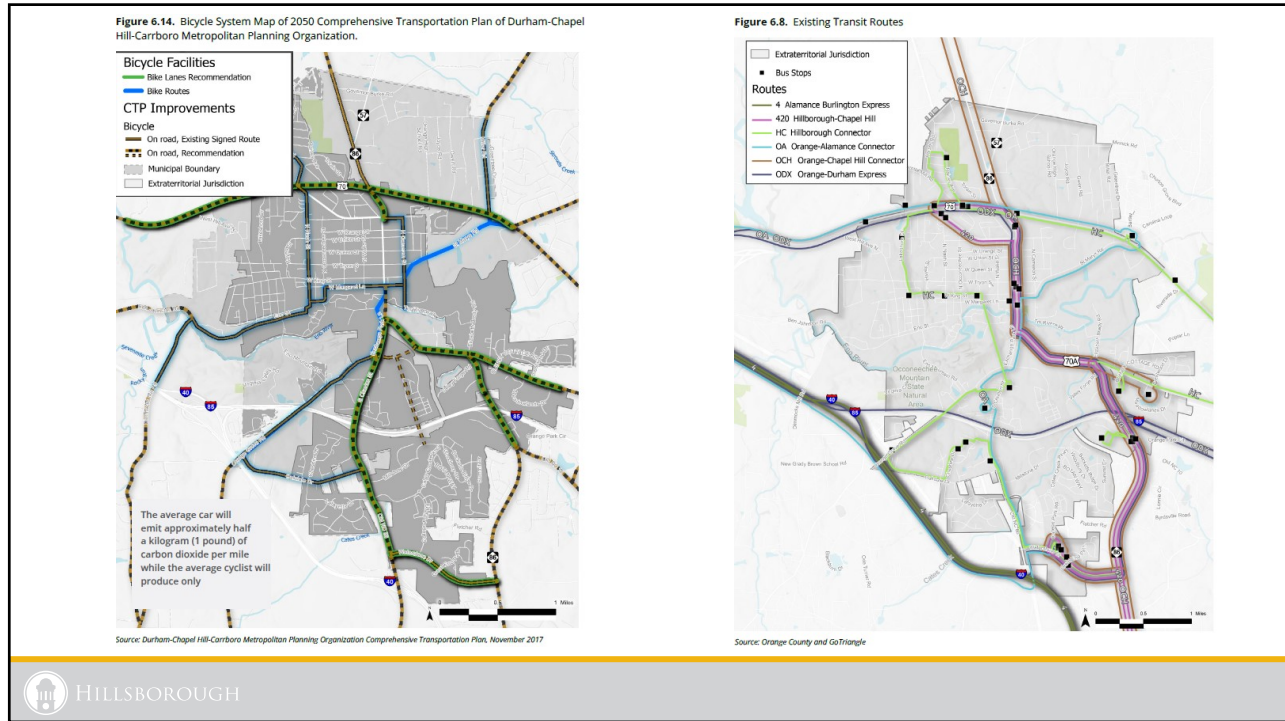


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FINAL PLAN

US 70 Multimodal Corridor Study

PREPARED FOR

ORANGE COUNTY
 NORTH CAROLINA
 Orange County
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PREPARED BY

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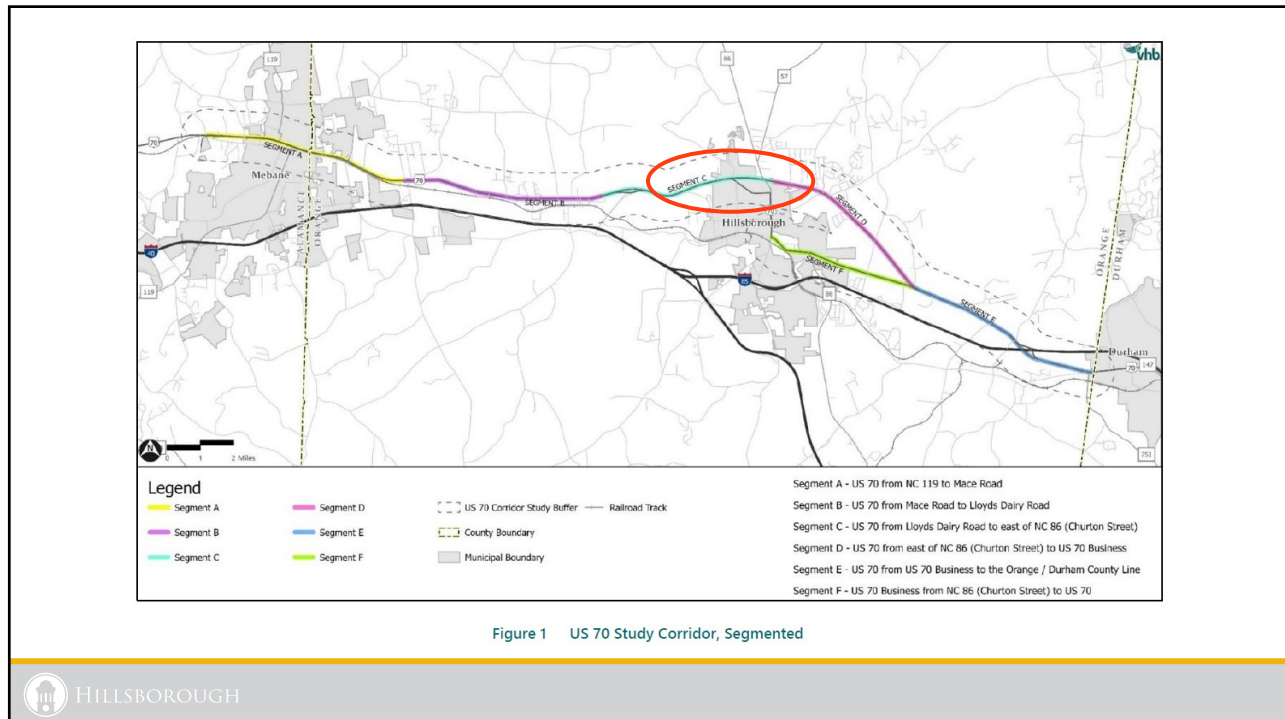
April 2024

Table 20 US 70 Corridor Plan Goals

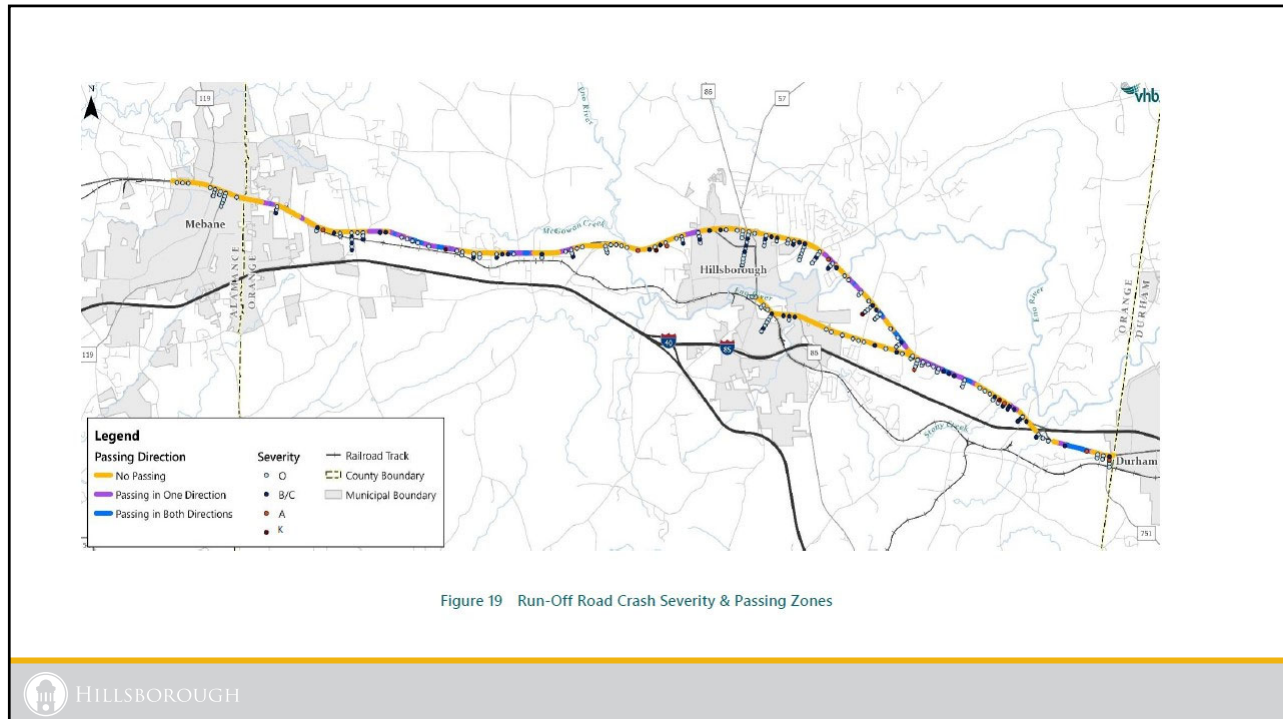
 Mobility	Goal 1: Manage increasing vehicular traffic congestion, including auto, EMS, and freight.
	Goal 2: Prioritize bicycle and pedestrian connectivity through the corridor.
	Goal 3: Improve transit accessibility.
 Placemaking	Goal 4: Guide transportation investment to protect community character.
	Goal 5: Prioritize pedestrian, bicycle, and transit connectivity within urban areas.
 Safety	Goal 6: Increase the comfort of non-automobile roadway users.
	Goal 7: Work towards Vision Zero.
	Goal 8: Reduce pedestrian-automobile conflicts.
 Job Access	Goal 9: Improve multimodal access to jobs within the corridor.
	Goal 10: Improve multimodal access to jobs outside the corridor.
 Natural Environment	Goal 11: Improve multimodal access to parks throughout the corridor.
	Goal 12: Reduce wildlife-automobile conflicts.
	Goal 13: Ensure long term protection of local watersheds.

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US 70 Multimodal Corridor Study- Orange County

Relevant Objectives:

- C.1: Reduce automobile congestion delay times in response to projected traffic demand growth through the corridor.
- C.2: Introduce and expand park and ride services.
- C.3: Expand regional transit access to job centers.
- C.4: Establish alternative east-west bicycle routes to US 70 between Mebane and Hillsborough.
- C.5: Improve bus service reliability.
- C.6: Improve accessibility of existing bus stops.
- C.7: Construct paired bus stops across US 70 from existing facilities.
- C.8: Construct accessible bus shelters that serve Hillsborough's residential communities.
- C.9: Accommodate all transportation modes in roadway improvement projects.
- C.10: Slow automobile traffic throughout the corridor.
- C.11: Extend sidewalk connectivity to anticipated growth areas.
- C.12: Improve the safety of pedestrian facilities in the Fairview Neighborhood.
- C.13: Establish gateways to Hillsborough.

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US 70 Multimodal Corridor Study- Orange County

Goal 1: Manage increasing vehicular traffic congestion, including auto, EMS, and freight.

- C.1.1: When US 70 is widened to a four-lane divided facility throughout Segment C, include multimodal facilities.
- C.1.2: Realign Revere Road approach to the US 70/Faucette Mill Road intersection; reroute Short Street accordingly.
- C.1.3: Construct/extend exclusive turn lanes on the west- and northbound approaches to the US 70/Faucette Mill Road intersection.
- C.1.4: Construct exclusive turning lanes at the US 70/NC 86 intersection, including dual eastbound left turn lanes from US 70 onto NC 86 northbound.

Goal 2: Prioritize bicycle and pedestrian connectivity through the corridor.

- C.4.1: Add sharrows and signage to establish bike route along the length of Faucette Mill Road north of the Hillsborough town limits.
- C.4.2: Construct an off-road bicycle path that connects Faucette Mill Road with Lebanon Road across the Eno River.
- C.9.1: Include a 10-foot shared-use path on the north side and a 5-foot sidewalk on the south side of US 70 from Lloyd's Dairy Road to NC 86.
- C.14.1: Construct shared-use path along the east side of NC 86 from US 70 to Corbin Street.
- C.14.2: Modernize the US 70/Faucette Mill Road intersection with accessible pedestrian signal heads/pedestals on all corners, leading pedestrian intervals, no right turn on red restrictions, and high-visibility markings.
- C.14.3: Modernize the US 70/NC 86 intersection with pedestrian refuge islands, accessible pedestrian signal heads/pedestals on all corners, leading pedestrian intervals, no right turn on red restrictions, and high-visibility markings.



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US 70 Multimodal Corridor Study- Orange County

Goal 5: Prioritize pedestrian, bicycle, and transit connectivity within urban areas.

- C.12.1: Install high-visibility pedestrian crossing signage at the Faucette Mill Road/Torain Street intersection.
- C.12.2: Include high-visibility crossings in all future sidewalk construction on Faucette Mill Road, Torain Street, and Rainey Avenue where the pedestrian network would otherwise be interrupted by roadway.
- C.12.3: Install high-visibility pedestrian crossing signage and pedestrian pads at the Rainey Avenue/Torain Street intersection.
- C.14.1: Construct shared-use path along the east side of NC 86 from US 70 to Corbin Street.
- C.14.2: Modernize the US 70/Faucette Mill Road intersection with accessible pedestrian signal heads/pedestals on all corners, leading pedestrian intervals, no right turn on red restrictions, and high-visibility markings.
- C.14.3: Modernize the US 70/NC 86 intersection with pedestrian refuge islands, accessible pedestrian signal heads/pedestals on all corners, leading pedestrian intervals, no right turn on red restrictions, and high-visibility markings.

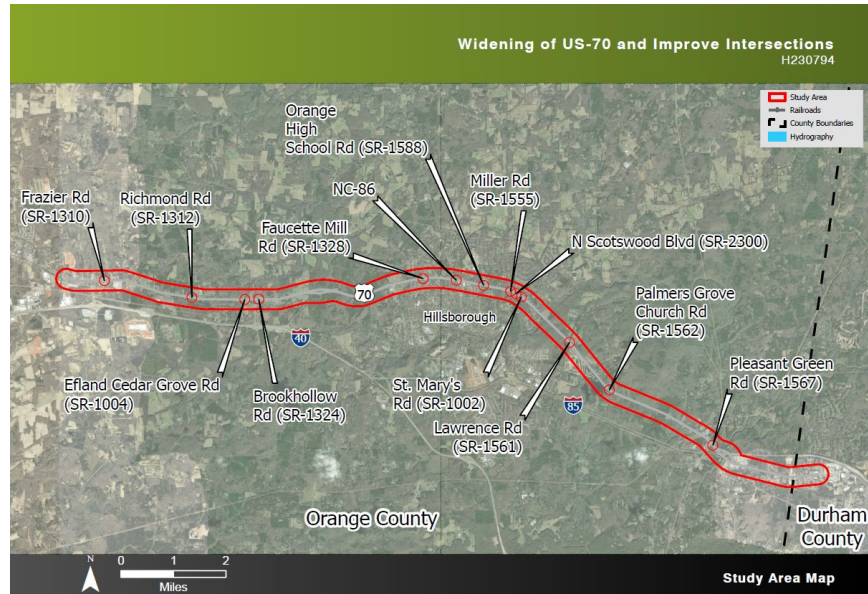
Goal 6: Increase the comfort of non-automobile roadway users.

- C.10.2: Reduce posted speed limit on Faucette Mill Road to 35 miles per hour between the Hillsborough town limits and Frank Perry Road.
- C.12.1: Install high-visibility pedestrian crossing signage at the Faucette Mill Road/Torain Street intersection.
- C.12.2: Include high-visibility crossings in all future sidewalk construction on Faucette Mill Road, Torain Street, and Rainey Avenue where the pedestrian network would otherwise be interrupted by roadway.
- C.12.3: Install high-visibility pedestrian crossing signage and pedestrian pads at the Rainey Avenue/Torain Street intersection.
- C.10.1: Reduce posted speed limit on US 70 to 35 miles per hour throughout Segment C.

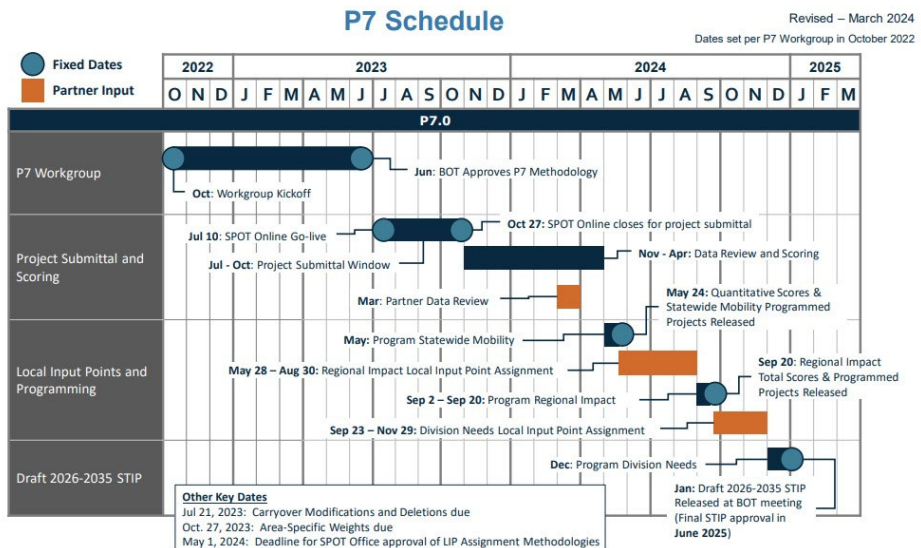


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NCDOT



Funding Review



Speed Limits



Questions and Discussion



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