



NORTH CAROLINA
Department of Transportation



Strategic Transportation Corridors Master Plan

Corridor U: U.S. 74

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July 2020

Agenda

- Data Collection
- Corridor Analysis
- Corridor Vision
- Stakeholder Involvement

U.S. 74 - Facilities Inventory

- Highway assets inventory
 - Approximately 284 miles along highway corridor
 - Federally designated truck route along entire corridor
- Bridges inventory
 - 304 bridges along highway corridor
 - 6 structurally deficient; 91 functionally obsolete

U.S. 74 - Transportation Plan Recommendations

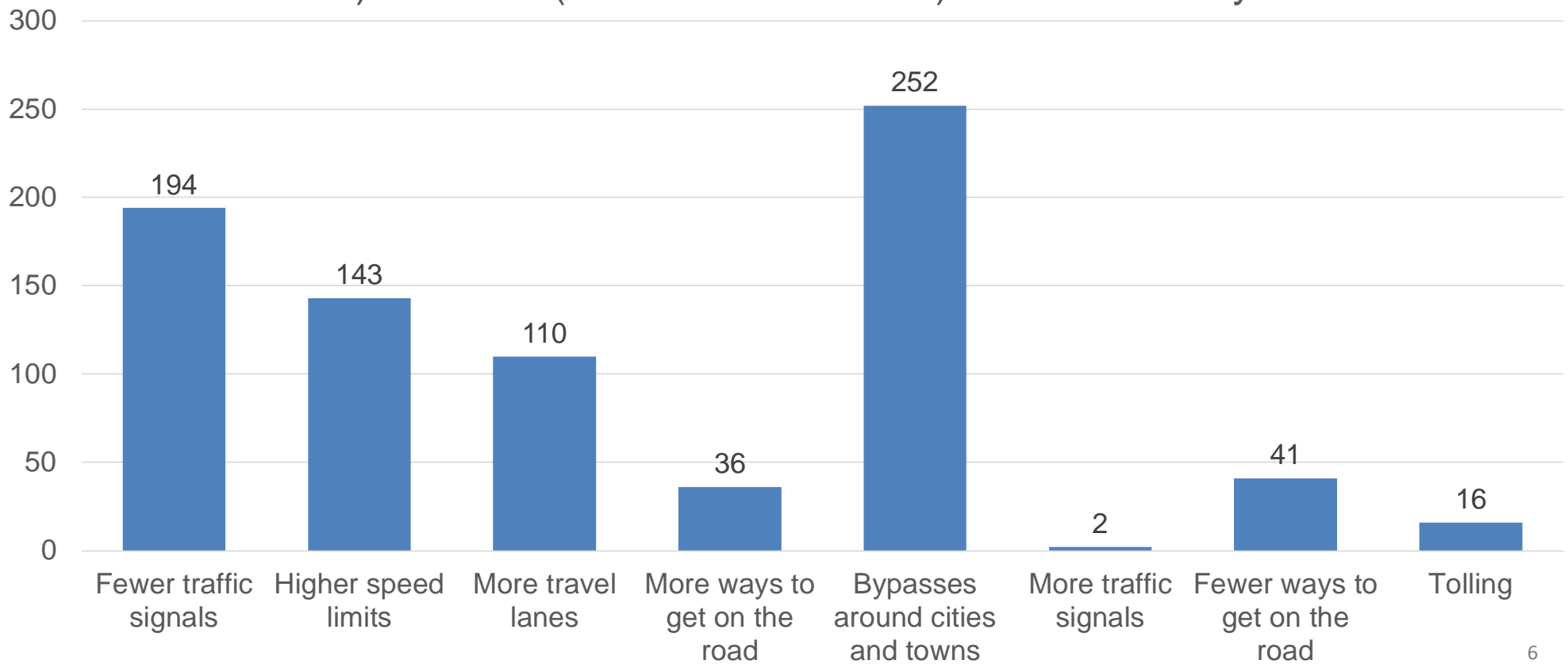
- Compiled transportation plans and recommended projects along the corridor from:
 - Statewide Transportation Improvement Program (STIP): 70 projects
 - Comprehensive Transportation Plans (CTPs): 11 CTPs
 - Metropolitan Transportation Plans (MTPs): 3 MTPs
 - Feasibility Studies (FS): 6 within past 10 years
 - Traffic Forecasts (TF): 37 within past 10 years
- Most of corridor recommended to be classified as freeway
 - Some segments in developed/urban areas recommended to be classified as boulevard (with current or planned bypass)

U.S. 74 – Public Survey Results

Views 1,524	Participants 638	Responses 8,260	Comments 155
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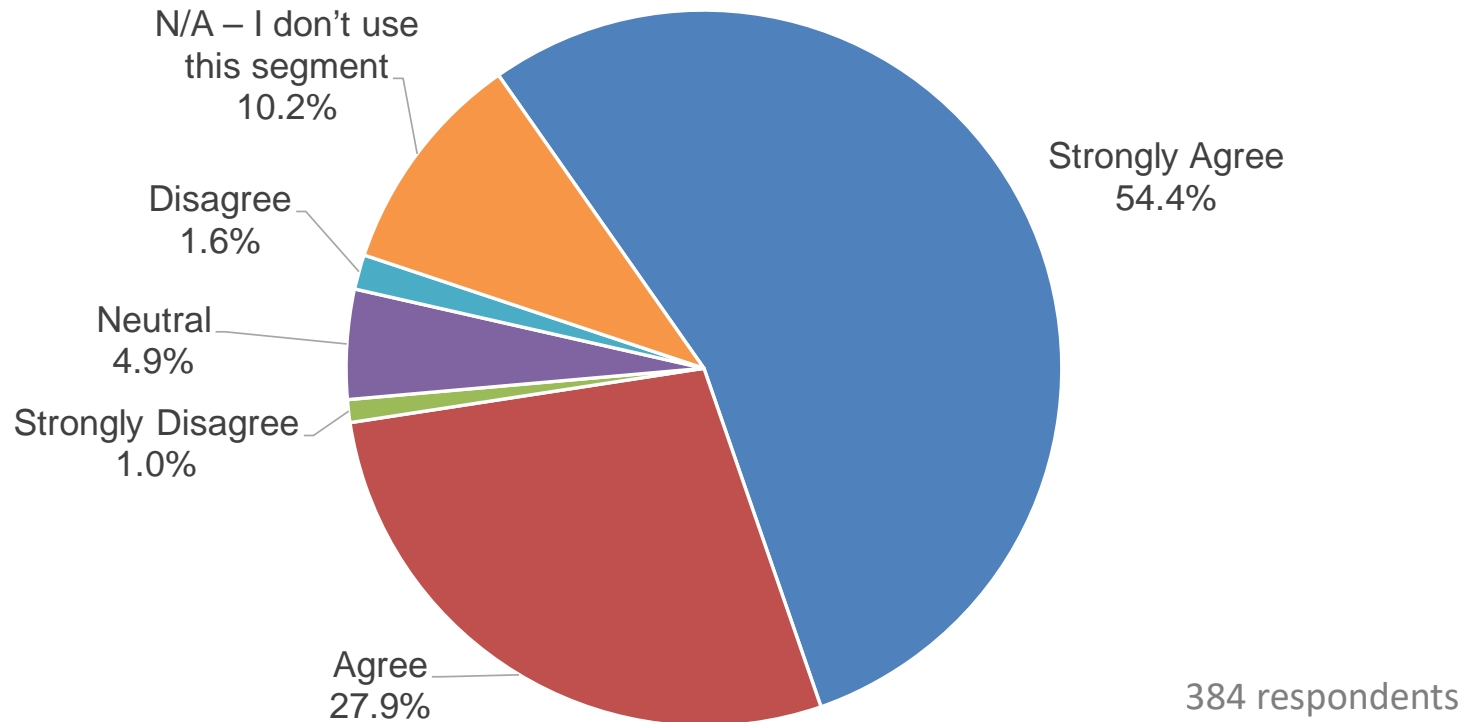
U.S. 74 – Public Survey Results

From I-26 to Gastonia, what changes would you like to see on U.S. 74 (I-26 to I-85) and I-85 (U.S. 74 to U.S. 321) in the next 20 years?



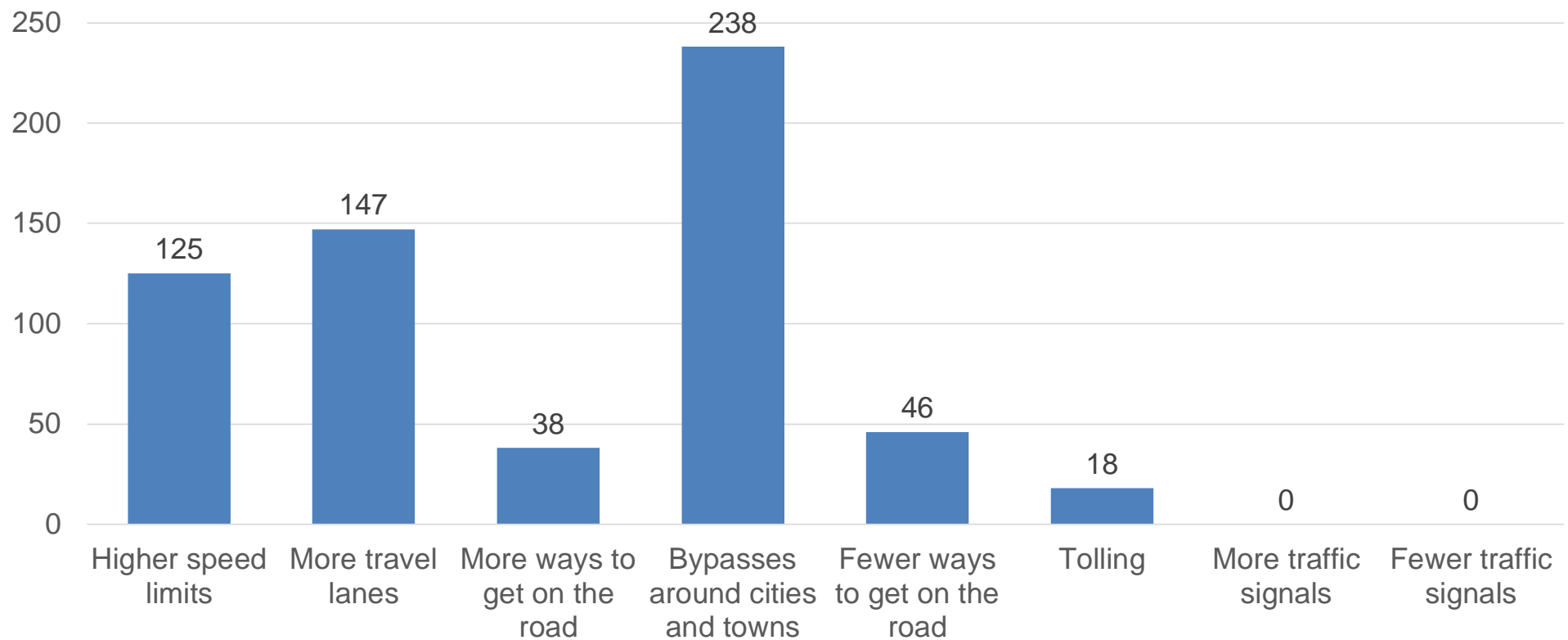
U.S. 74 – Public Survey Results

From I-26 to Gastonia, do you support the preliminary vision of a freeway (access only at interchanges/ramps, speed limit 55 or greater, no traffic signals) on U.S. 74 (I-26 to I-85) and I-85 (U.S. 74 to U.S. 321)?



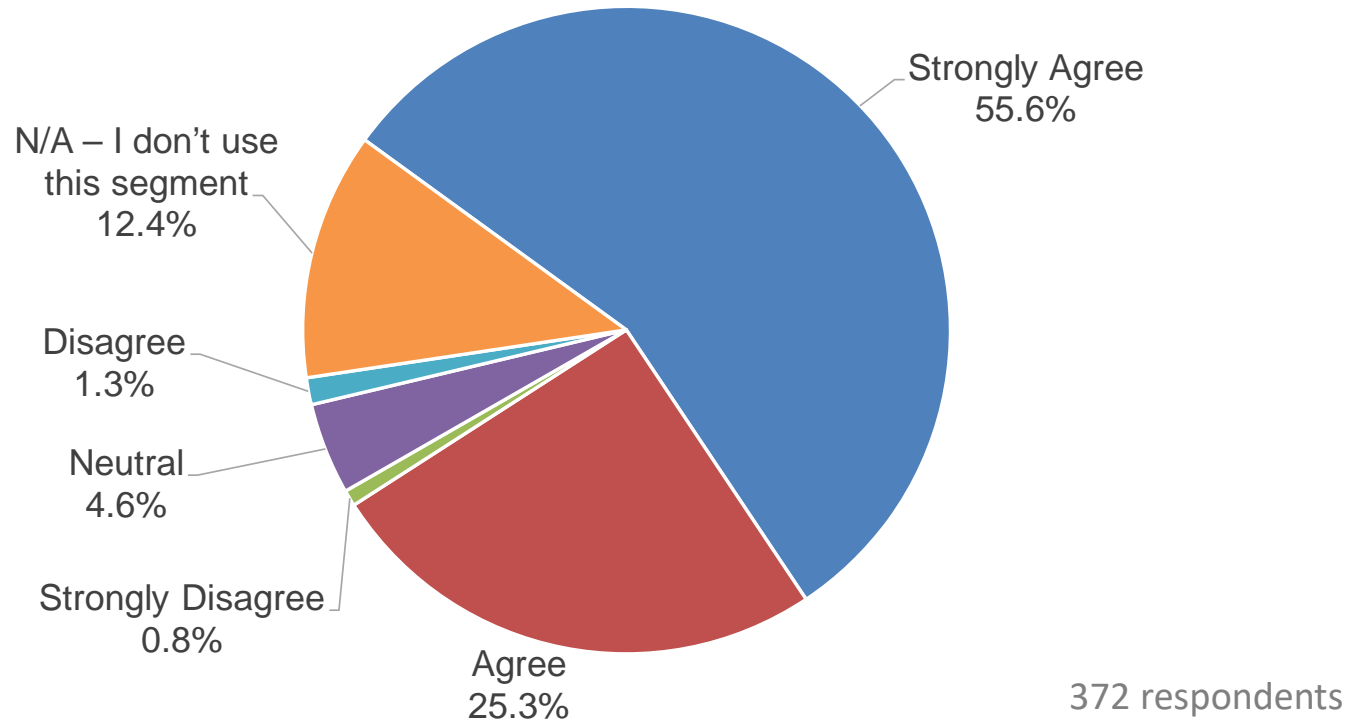
U.S. 74 – Public Survey Results

From Gastonia to Monroe, what changes would you like to see on the corridor I-85 (U.S. 321 to I-485) and I-485 (I-85 to U.S. 74) in the next 20 years?



U.S. 74 – Public Survey Results

From Gastonia to Monroe, do you support the preliminary vision of a freeway (access only at interchanges/ramps, speed limit 55 or greater, no traffic signals) on I-85 (U.S. 321 to I-485) and I-485 (I-85 to U.S. 74)?



U.S. 74 – Recommended Vision



- Freeway: I-26 in Polk County to U.S. 117 in New Hanover County

U.S. 74 - Mobility Analysis

HIGHWAY MOBILITY BENEFITS

STC CORRIDOR U

U.S. 74 – FROM I-26 IN POLK COUNTY TO
I-40 IN WILMINGTON

AVERAGE
TRAVEL SPEED

44

2018
EXISTING

40

2040
COMMITTED

61

2040
VISION

VEHICLE-MILES
TRAVELED

VMT (Millions)



210 ADDITIONAL MILES OF FREEWAY PROVIDE FASTER
TRAVEL TIMES WITH SUBSTANTIAL INCREASE IN TRAFFIC

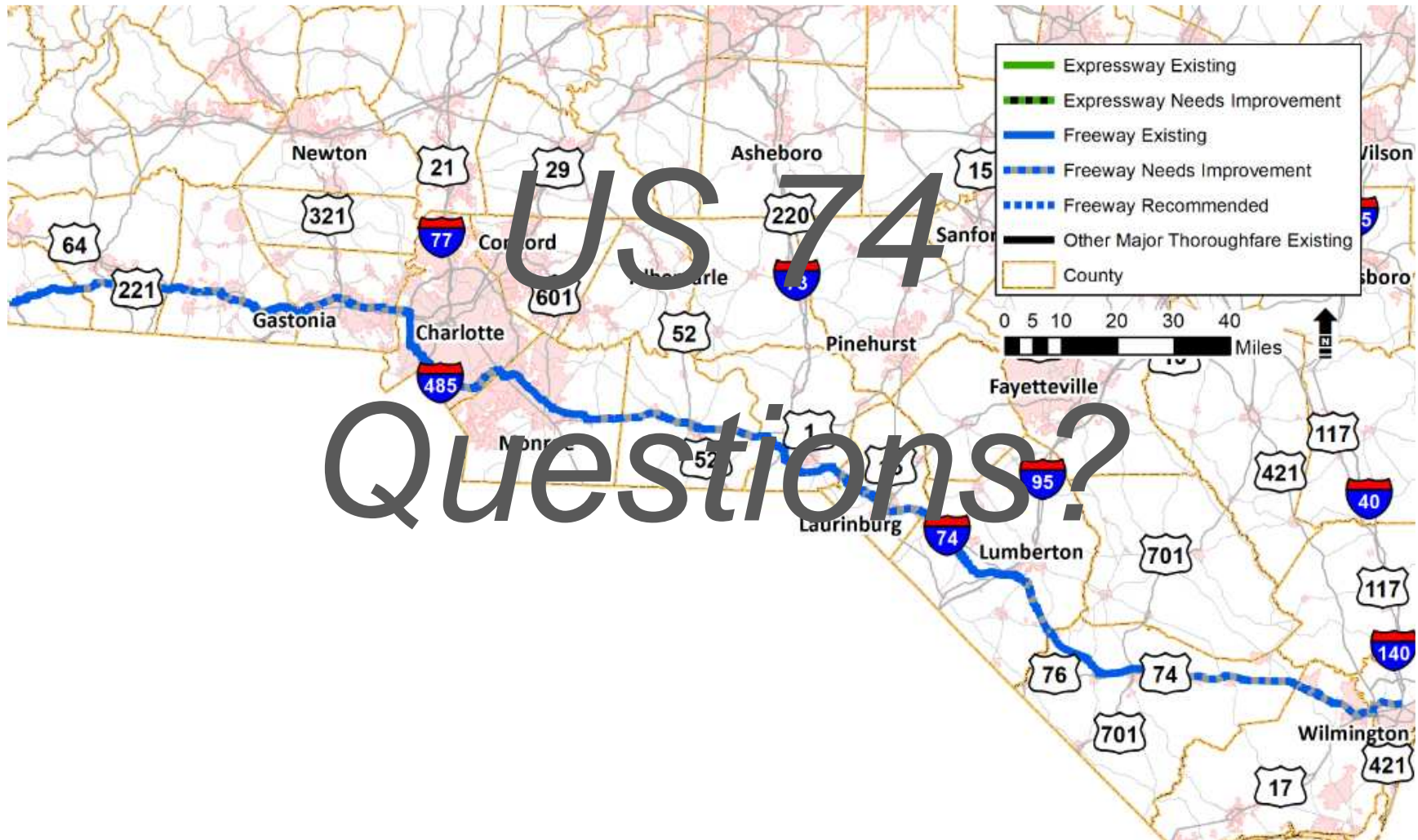
AVERAGE CORRIDOR TRAVEL TIME (HOURS)



Increases the average corridor travel speed by 21mph

U.S. 74 – Identified for Further Study

- Marshville Bypass
- Wadesboro Bypass
- Military Connections
- Delco area in Columbus County
- Multimodal connections
- Resiliency Assessment



US 74
Questions?

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