



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090571

Mode: Highway

Status: Submitted

SR-2120, SR-2170 (Ike Brooks Road, Rives Chapel Road)

From/Cross Street: US 64

Specific Improvement Type: 16 - Modernize Roadway

To: US 421

Project Category: Division Needs

Length: 6.59

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,038,000

Description:

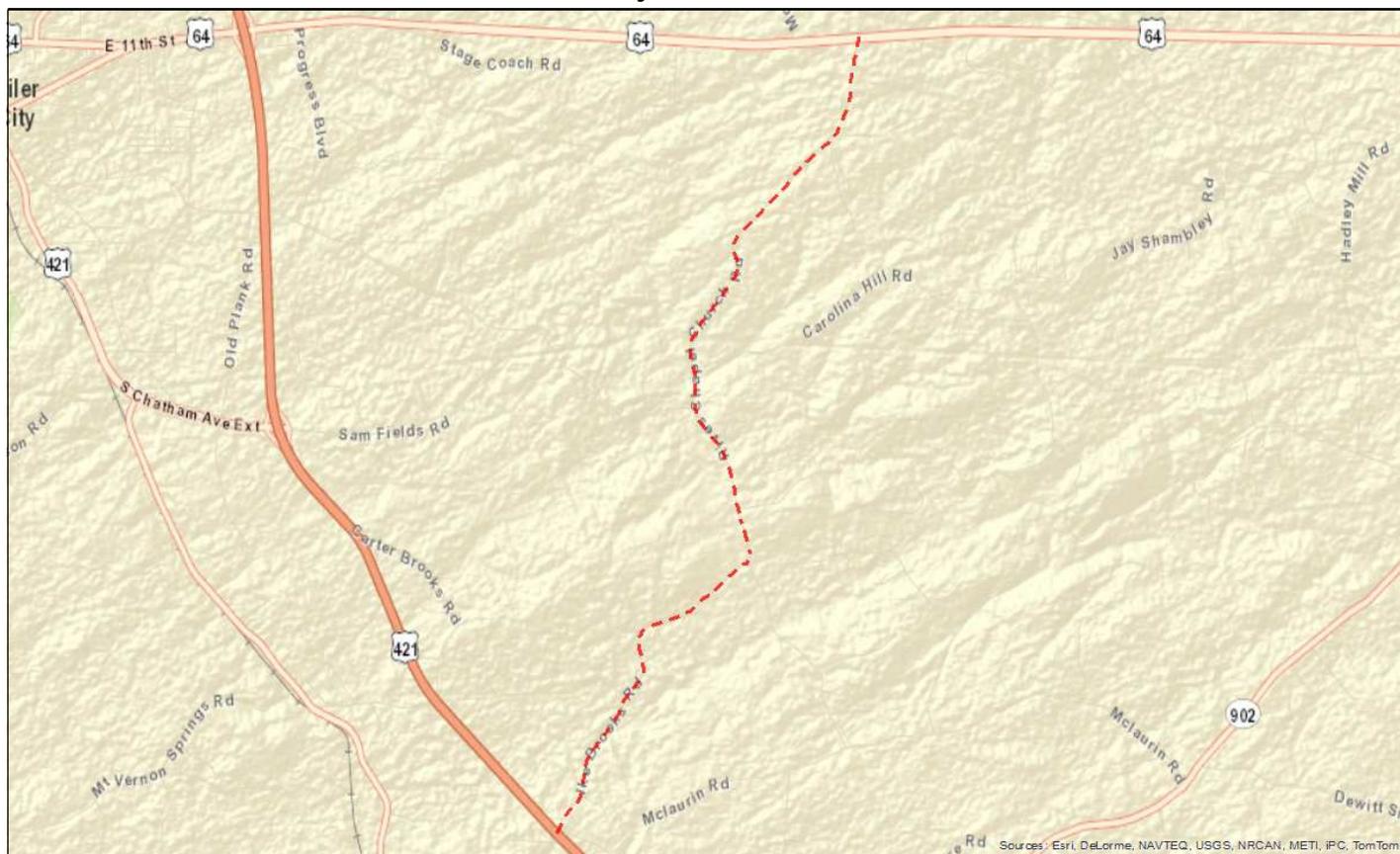
Widen and Resurface; This Route Is Effectively Serving As a Bypass of Siler City For Southbound Traffic Originating East of Siler City.

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
| Totals: Weight: 0% Weighted Score: 0 | N/A | N/A |

Regional Impact Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
| Totals: Weight: 0% Weighted Score: 0 | Percent: 15% Points: | Percent: 15% Points: |

Division Needs Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
| Congestion (V/C) (20%) 1.39 | Percent: 25% Points: | Percent: 25% Points: |
| Safety (10%) 23.50 | | |
| [Travel Time] Benefit/Cost (20%) 0.00 | | |
| Totals: Weight: 50% Weighted Score: 2.63 | | |

Project Data ***Existing Conditions**

| | |
|---|------------------|
| Existing Cross-Section: | |
| Speed Limit: | 55 |
| Length (miles); | 6.59 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Local |
| Terrain Type: | Rolling |
| Lane Width: | 8 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 325.62 |
| Capacity: | 15500 |
| Volume/Capacity Ratio: | 0.02 |
| % Autos: | 100% |
| % Trucks: | 0% |
| Truck Volume: | 0 |
| Crash Density: | 42 |
| Crash Severity: | 7.58 |
| Critical Crash Rate: | 20.94 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 3 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 26 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 78 |
| Actual Congested Speed: | 0 |
| Travel Time Index: | 0 |

Project Benefits

| | |
|--|------------------|
| Project Cross-Section: | |
| Speed Limit: | 55 |
| Length (miles): | 6.59 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Local |
| TerrainType: | Rolling |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 0 |
| Travel Time Savings for 30 Years (Total): | 0 |
| Travel Time Savings for 30 Years (Autos): | 0 |
| Travel Time Savings for 30 Years (Trucks): | 0 |
| Long-Term Employment: | |
| % Change in Economy: | |
| Provides Direct Connection to Transportation Terminal? | No |
| Does project upgrade how the roadway functions? | No |
| In CTP or LRTP? | |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 8 |

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership

Division

| Division | Percent | Regional Impact | Division Needs |
|------------------------------|---------|-----------------|----------------|
| Division 8 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|---------|-----------------|----------------|
| Triangle Area RPO | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 0 | 0 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$19,038,000 | TIP Unit |
| Right-of-Way Cost: | \$0 | Cost Estimation Tool |
| Utilities Cost: | \$0 | Cost Estimation Tool |
| Total Project Cost: | \$19,038,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$19,038,000 | |