



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090635

Mode: Highway

Status: Submitted

(Hoke Loop Road)

From/Cross Street: Raeford Road

Specific Improvement Type: 1 - Widen Existing Roadway

To: Cliffdale Road

Project Category: Division Needs

Length: 2.44

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$25,344,000

Description:

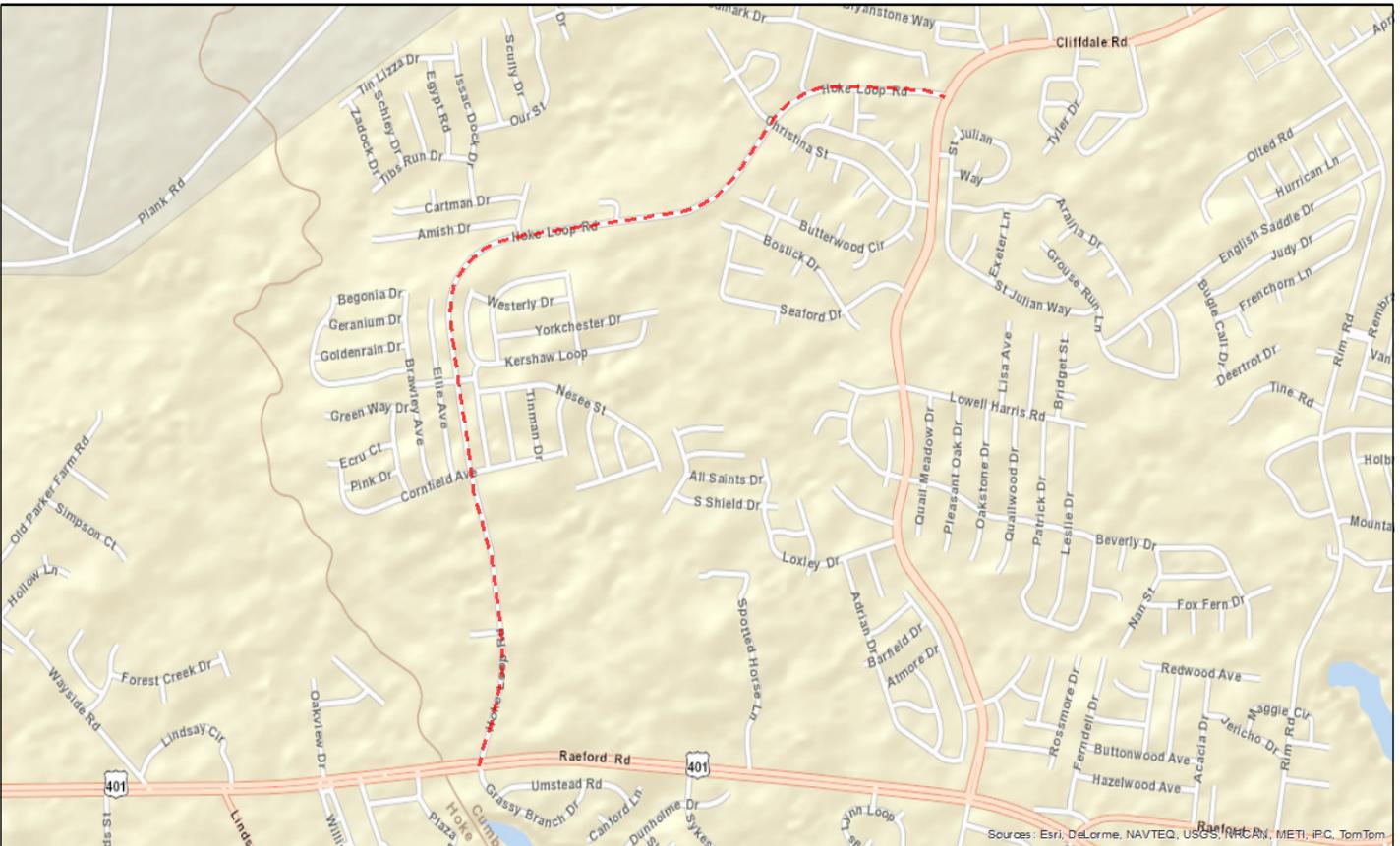
from Raeford Road to Cliffdale Road Widen to Multi-Lanes with Median.

Division(s): Division 6

County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

Project Location



Statewide Mobility Total Score: 0

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

Regional Impact Total Score: 0

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

Division Needs Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|---|-----------------------------------|
| Congestion (V/C) (20%) 23.53 Safety (10%) 25.54 [Travel Time] Benefit/Cost (20%) 0.07 | Percent: 25% Points: | Percent: 25% Points: |
| Totals: Weight: 50% Weighted Score: 7.27 | | |

Project Data ***Existing Conditions**

| | |
|---|-----------------|
| Existing Cross-Section: | |
| Speed Limit: | 45 |
| Length (miles); | 2.44 |
| Facility Type: | Arterial |
| Access Control: | None |
| Functional Classification: | Major Collector |
| Terrain Type: | Rolling |
| Lane Width: | 10 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 5605.96 |
| Capacity: | 15800.08 |
| Volume/Capacity Ratio: | 0.35 |
| % Autos: | 100% |
| % Trucks: | 0% |
| Truck Volume: | 0 |
| Crash Density: | 38.34 |
| Crash Severity: | 32.33 |
| Critical Crash Rate: | 5.94 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 2 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 25 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 83 |
| Actual Congested Speed: | 0 |
| Travel Time Index: | 0 |

Project Benefits

| | |
|--|---|
| Project Cross-Section: | 4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks |
| Speed Limit: | 45 |
| Length (miles): | 2.44 |
| Facility Type: | Arterial |
| Access Control: | Partial |
| Functional Classification: | Major Collector |
| TerrainType: | Level |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 2 |
| Travel Time Savings for 30 Years (Total): | 79175.07 |
| Travel Time Savings for 30 Years (Autos): | 79175.07 |
| 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? | No |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 6 |

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

Project Ownership

Division

| Division | Percent | Regional Impact | Division Needs |
|------------------------------|----------------|------------------------|-----------------------|
| Division 6 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

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

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$18,240,000 | TIP Unit |
| Right-of-Way Cost: | \$6,343,000 | Cost Estimation Tool |
| Utilities Cost: | \$761,000 | Cost Estimation Tool |
| Total Project Cost: | \$25,344,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$25,344,000 | |