# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141892 **Mode:** Highway **Status:** Submitted

## NC-49

**From/Cross Street:** Halifax Road

**To:** Bowmantown Road

**Length:** 7.6

**Specific Improvement Type:** 16 - Modernize Roadway

**Project Category:** Regional Impact

**TIP#:**

**Fully Funded in Draft STIP? No**

**Cost to NCDOT:** $7,446,000

**Description:**

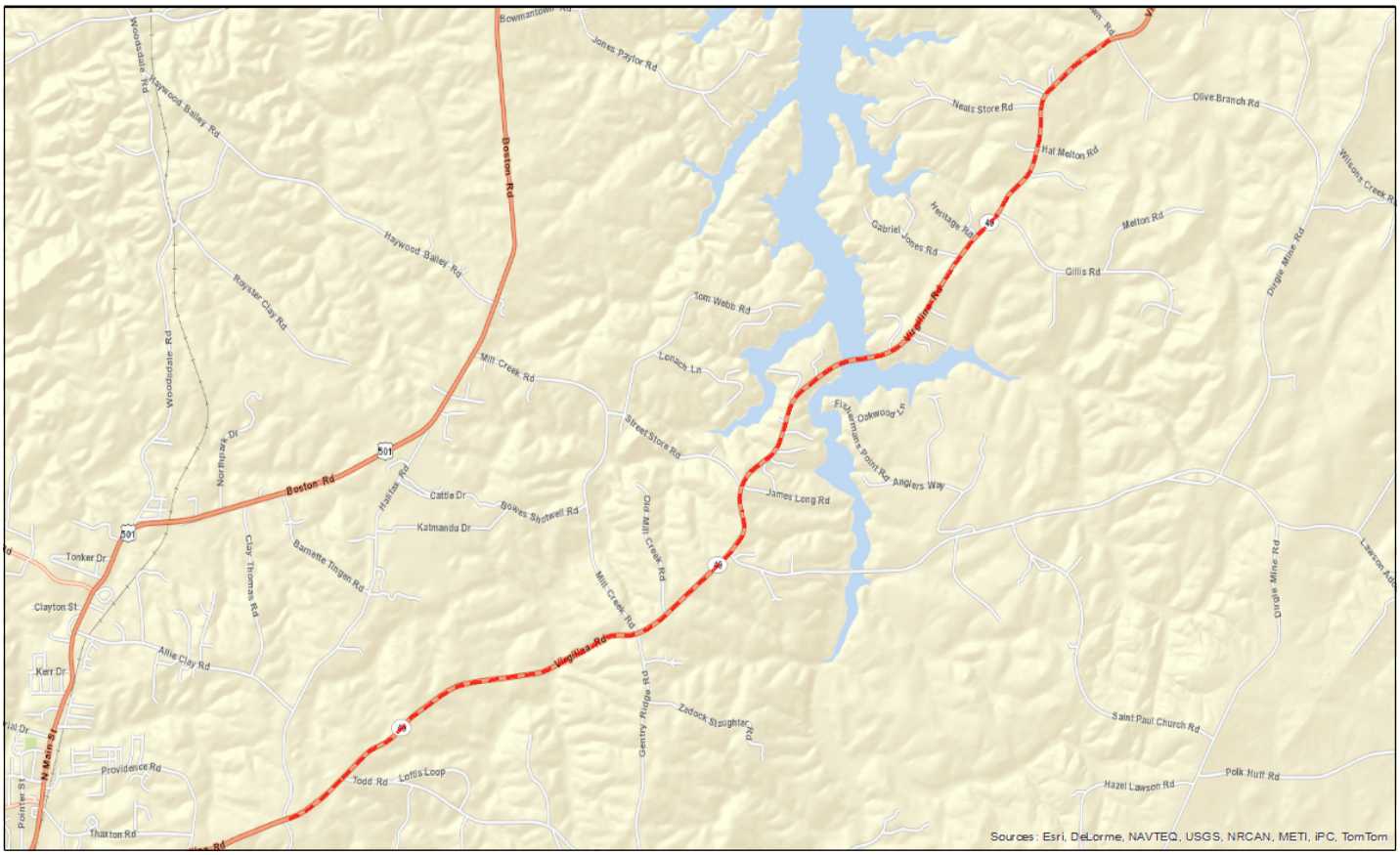
Construct wide shoulders and repave facility

**Division(s):** Division 5

**County(s):** PERSON

**MPOS(s)/RPO(s):** Kerr-Tar RPO

## Project Location



**Statewide Mobility Total Score: 0**

| Quanitative 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**

| Quanitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---|---|
| Congestion (V/C) (25%) | 13.15 | Percent: 15% | Percent: 15% |
| Safety (10%) | 60.48 | Points: | Points: |
| Accessibility / Connectivity (10%) | 24.05 | | |
| [Travel Time] Benefit/Cost (25%) | 0.00 | | |
| **Totals: Weight: 70% Weighted Score: 11.74** | | | |

**Division Needs Total Score: 0**

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---|---|
| Safety (10%) | 60.48 | Percent: 25% | Percent: 25% |
| [Travel Time] Benefit/Cost (20%) | 0.00 | Points: | Points: |
| Congestion (V/C) (20%) | 13.15 | | |
| **Totals: Weight: 50% Weighted Score: 8.68** | | | |

# Project Data *

## Existing Conditions

| | |
|---|---|
| Existing Cross-Section: | |
| Speed Limit: | 55 |
| Length (miles); | 7.6 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Major Collector |
| Terrain Type: | Rolling |
| Lane Width: | 11 |
| Paved Shoulder Width: | 2 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 3078.89 |
| Capacity: | 15500.23 |
| Volume/Capacity Ratio: | 0.2 |
| % Autos: | 91% |
| % Trucks: | 9% |
| Truck Volume: | 290.62 |
| Crash Density: | 65 |
| Crash Severity: | 53.84 |
| Critical Crash Rate: | 62.61 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 2 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 31 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 62 |
| Actual Congested Speed: | 46.48 |
| Travel Time Index: | 1.18 |

## Project Benefits

| | |
|---|---|
| Project Cross-Section: | |
| Speed Limit: | 55 |
| Length (miles): | 7.6 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Major Collector |
| 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: | Kerr-Tar RPO |

* 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 5 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| **TOTAL Division Points** | | **0** | **0** |

**MPO/RPO**

| MPO/RPO | Percent | Regional Impact | Division Needs |
|---|---|---|---|
| Kerr-Tar RPO | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| **TOTAL MPO/RPO Points** | | **0** | **0** |

## Project Cost and Source

| | | |
|---|---|---|
| Construction Cost: | $7,446,000 | Cost Estimation Tool |
| Right-of-Way Cost: | $0 | Cost Estimation Tool |
| Utilities Cost: | $0 | Cost Estimation Tool |
| Total Project Cost: | $7,446,000 | |
| Other Funding: | $0 | None |
| **Cost to NCDOT :** | **$7,446,000** | |