



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090070-C

Mode: Highway

Status: Submitted

US-258

From/Cross Street: SR 1136 (P. A. Nobles Store Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 70 at Kinston

Project Category: Regional Impact

Length: 9.04

TIP#: R-2235C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$85,171,000

Description:

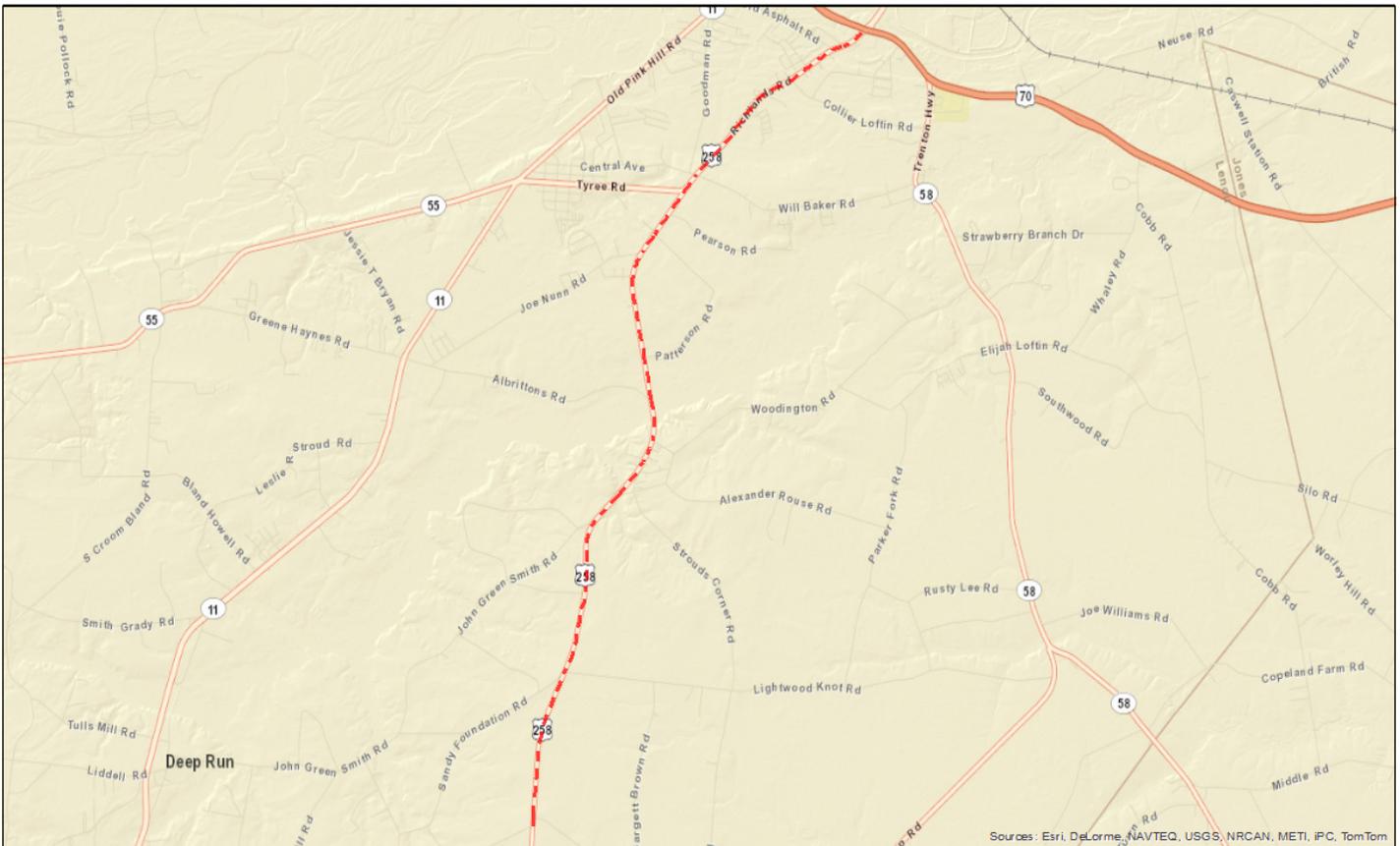
NC 24 West of Richlands to US 70 at Kinston. Widen to Multi-Lanes. Section C: SR 1136 (P. A. Nobles Store Road) to US 70 at Kinston.

Division(s): Division 2

County(s): LENOIR

MPOS(s)/RPO(s): East Carolina RPO

Project Location



Sources : Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

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 |
|--|--------------------------------------|----------------------------|
| [Travel Time] Benefit/Cost (20%) 0.10 | Percent: 15% Points: | Percent: 15% Points: |
| Safety (25%) 72.29 | | |
| Multimodal + [Freight & Military] (25%) 4.30 | | |
| Totals: Weight: 70% Weighted Score: 19.17 | | |

Division Needs Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|--------------------------------------|----------------------------|
| Congestion (V/C) (20%) 29.36 | Percent: 25% Points: | Percent: 25% Points: |
| Safety (20%) 72.29 | | |
| Multimodal + [Freight & Military] (10%) 4.30 | | |
| Totals: Weight: 50% Weighted Score: 20.76 | | |

Project Data ***Existing Conditions**

| | |
|---|------------------|
| Existing Cross-Section: | |
| Speed Limit: | 55 |
| Length (miles): | 9.04 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Level |
| Lane Width: | 12 |
| Paved Shoulder Width: | 1 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 6877.48 |
| Capacity: | 15508.77 |
| Volume/Capacity Ratio: | 0.44 |
| % Autos: | 87% |
| % Trucks: | 13% |
| Truck Volume: | 860.95 |
| Crash Density: | 86.35 |
| Crash Severity: | 57.03 |
| Critical Crash Rate: | 73.52 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 1 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 24 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 90 |
| Actual Congested Speed: | 54.35 |
| Travel Time Index: | 1.01 |

Project Benefits

| | |
|--|---|
| Project Cross-Section: | 4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders |
| Speed Limit: | 55 |
| Length (miles): | 9.04 |
| Facility Type: | Multi-Lane Highway |
| Access Control: | Partial |
| Functional Classification: | Other Principal Arterial |
| Terrain Type: | Level |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 2 |
| Travel Time Savings for 30 Years (Total): | 352659.79 |
| Travel Time Savings for 30 Years (Autos): | 308512.57 |
| Travel Time Savings for 30 Years (Trucks): | 44147.22 |
| Long-Term Employment: | |
| % Change in Economy: | |
| Provides Direct Connection to Transportation Terminal? | No |
| Does project upgrade how the roadway functions? | Yes |
| In CTP or LRTP? | No |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 2 |

* 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 2 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|----------------|------------------------|-----------------------|
| East Carolina RPO | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 0 | 0 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$65,208,000 | TIP Unit |
| Right-of-Way Cost: | \$17,824,000 | Cost Estimation Tool |
| Utilities Cost: | \$2,139,000 | Cost Estimation Tool |
| Total Project Cost: | \$85,171,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$85,171,000 | |