



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090858

Mode: Highway

Status: Submitted

US-178

From/Cross Street: SR 1156 (Main Street) in Rosman
To: South Carolina State Line

Specific Improvement Type: 16 - Modernize Roadway

Project Category: Regional Impact

Length: 5.85

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$14,136,000

Description:

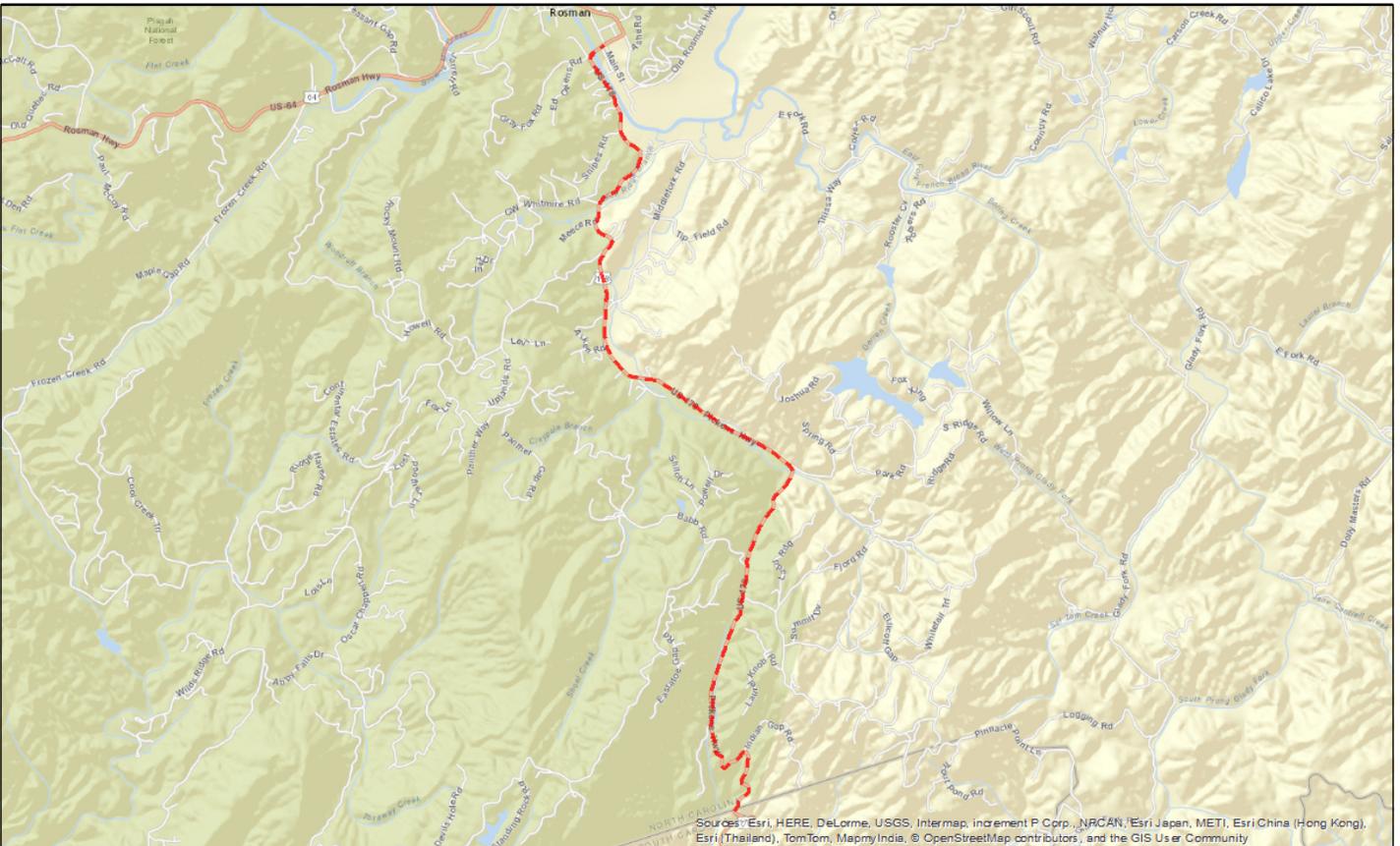
Widen, Realign, and Climbing Lanes

Division(s): Division 14

County(s): TRANSYLVANIA

MPOS(s)/RPO(s): Land-of-Sky RPO

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: 22.98

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|-----------------------------|
| Accessibility / Connectivity (10%) 6.82 | Percent: 15% Points: 0 | Percent: 15% Points: 100 |
| Congestion (V/C) (25%) 5.22 | | |
| Safety (10%) 59.95 | | |
| [Travel Time] Benefit/Cost (25%) 0.00 | | |
| Totals: Weight: 70% Weighted Score: 7.98 | | |

Division Needs Total Score: 7.04

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|--------------------------------------|----------------------------|
| Congestion (V/C) (20%) 5.22 | Percent: 25% Points: 0 | Percent: 25% Points: 0 |
| Safety (10%) 59.95 | | |
| [Travel Time] Benefit/Cost (20%) 0.00 | | |
| Totals: Weight: 50% Weighted Score: 7.04 | | |

Project Data ***Existing Conditions**

| | |
|---|------------------|
| Existing Cross-Section: | |
| Speed Limit: | 54 |
| Length (miles); | 5.85 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Minor Arterial |
| Terrain Type: | Mountainous |
| Lane Width: | 9 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 1224.74 |
| Capacity: | 15538.08 |
| Volume/Capacity Ratio: | 0.08 |
| % Autos: | 94% |
| % Trucks: | 6% |
| Truck Volume: | 71.86 |
| Crash Density: | 44.61 |
| Crash Severity: | 74.34 |
| Critical Crash Rate: | 60.91 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 2 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 23 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 64 |
| Actual Congested Speed: | 37.76 |
| Travel Time Index: | 1.41 |

Project Benefits

| | |
|--|------------------|
| Project Cross-Section: | |
| Speed Limit: | 54 |
| Length (miles): | 5.85 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Minor Arterial |
| TerrainType: | Mountainous |
| 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 14 |

* 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 14 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|---------|-----------------|----------------|
| Land-of-Sky RPO | 100% | 100 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 100 | 0 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$14,136,000 | TIP Unit |
| Right-of-Way Cost: | \$0 | Cost Estimation Tool |
| Utilities Cost: | \$0 | Cost Estimation Tool |
| Total Project Cost: | \$14,136,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$14,136,000 | |