



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129045

Mode: Highway

Status: Submitted

NC-107

From/Cross Street: SR 1002

Specific Improvement Type: 16 - Modernize Roadway

To: NC 281

Project Category: Regional Impact

Length: 4.04

TIP#: R-4753

Fully Funded in Draft STIP? No

Cost to NCDOT: \$18,600,000

Description:

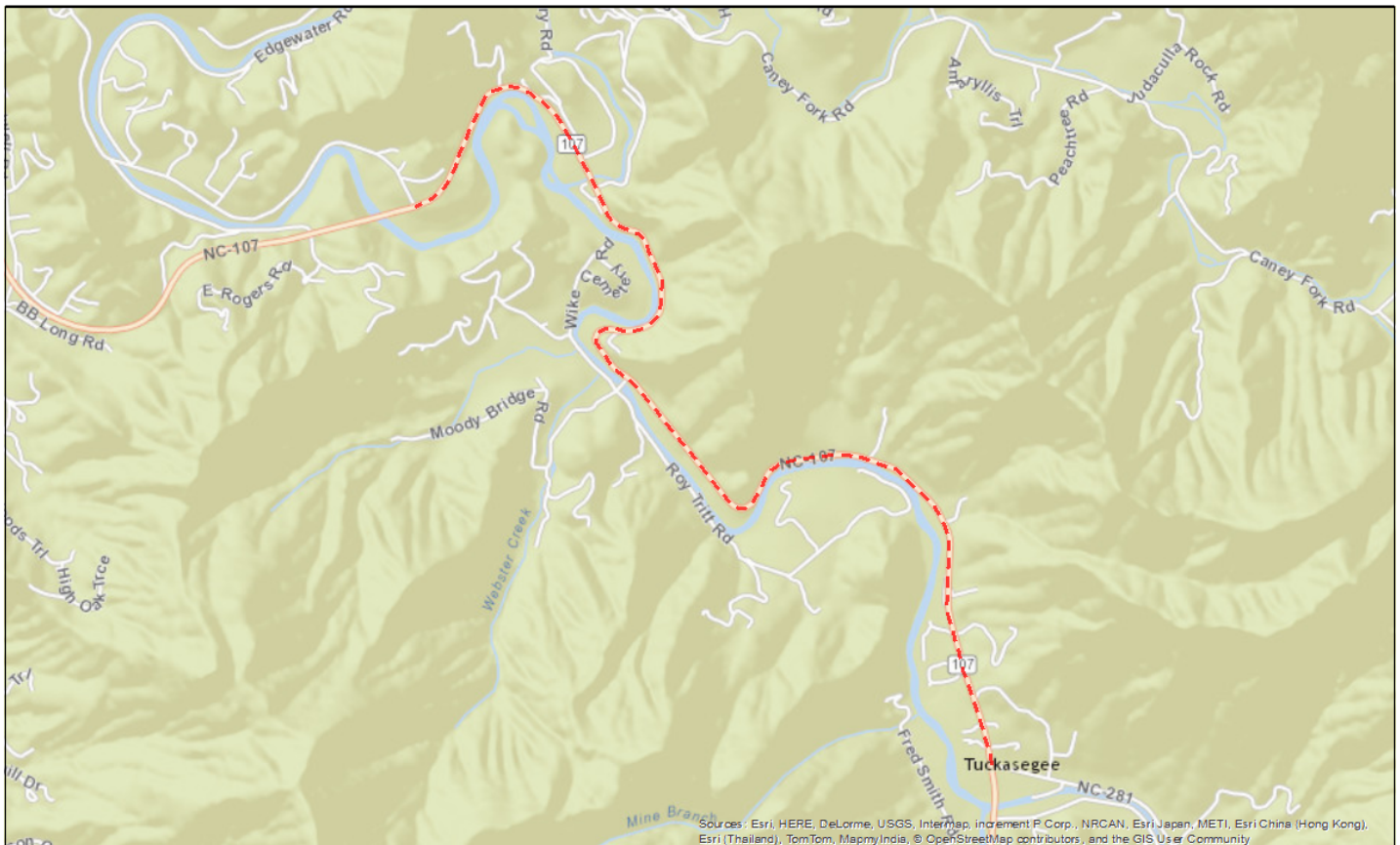
Modernize Roadway

Division(s): Division 14

County(s): JACKSON

MPOS(s)/RPO(s): Southwestern 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: 9.77

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 15.13	Percent: 15%	Percent: 15%
Safety (10%) 48.27	Points: 0	Points: 0
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 11.57		
Totals: Weight: 70% Weighted Score: 9.77		

Division Needs Total Score: 57.85

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 15.13	Percent: 25%	Percent: 25%
Safety (10%) 48.27	Points: 100	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 7.85		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	4.04
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Mountainous
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	3574.74
Capacity:	15652.93
Volume/Capacity Ratio:	0.23
% Autos:	95%
% Trucks:	5%
Truck Volume:	168.02
Crash Density:	55.35
Crash Severity:	59.15
Critical Crash Rate:	30.33
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:	66
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	4.04
Facility Type:	Arterial
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	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Southwestern RPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$13,600,000	TIP Unit
Right-of-Way Cost:	\$5,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$18,600,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$18,600,000	