



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111104

Mode: Highway

Status: Submitted

US-19

From/Cross Street: SR 1304 (Fie Top Road at Ghost Town USA)

Specific Improvement Type: 16 - Modernize Roadway

To: Jenkins Creek Road

Project Category: Regional Impact

Length: 9.38

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,664,000

Description:

Modernize Roadway

Division(s): Division 14

County(s): JACKSON, HAYWOOD

MPOS(s)/RPO(s): Southwestern RPO, French Broad River 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: 15.28

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 23.13	Percent: 15% Points: 0	Percent: 15% Points: 39
Safety (10%) 30.99		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 5.49		
Totals: Weight: 70% Weighted Score: 9.43		

Division Needs Total Score: 42.47

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 23.13	Percent: 25% Points: 100	Percent: 25% Points: 39
Safety (10%) 30.99		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 7.72		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	9.38
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Mountainous
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5489.58
Capacity:	15733.52
Volume/Capacity Ratio:	0.35
% Autos:	96%
% Trucks:	4%
Truck Volume:	245.56
Crash Density:	32.76
Crash Severity:	29.72
Critical Crash Rate:	30.48
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	37.37
Travel Time Index:	1.2

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	9.38
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
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	61%	0	0
French Broad River MPO	39%	39	39
	0%	0	0
TOTAL MPO/RPO Points		39	39

Project Cost and Source

Construction Cost:	\$8,664,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$8,664,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$8,664,000	