



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090301

**Mode:** Highway

**Status:** Submitted

## US-19

**From/Cross Street:** SR 1152 (Hughes Branch Road) in Bryson City

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

**To:** US 441 North in Cherokee

**Project Category:** Regional Impact

**Length:** 10.71

**TIP#:** R-4751

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$108,414,000

### Description:

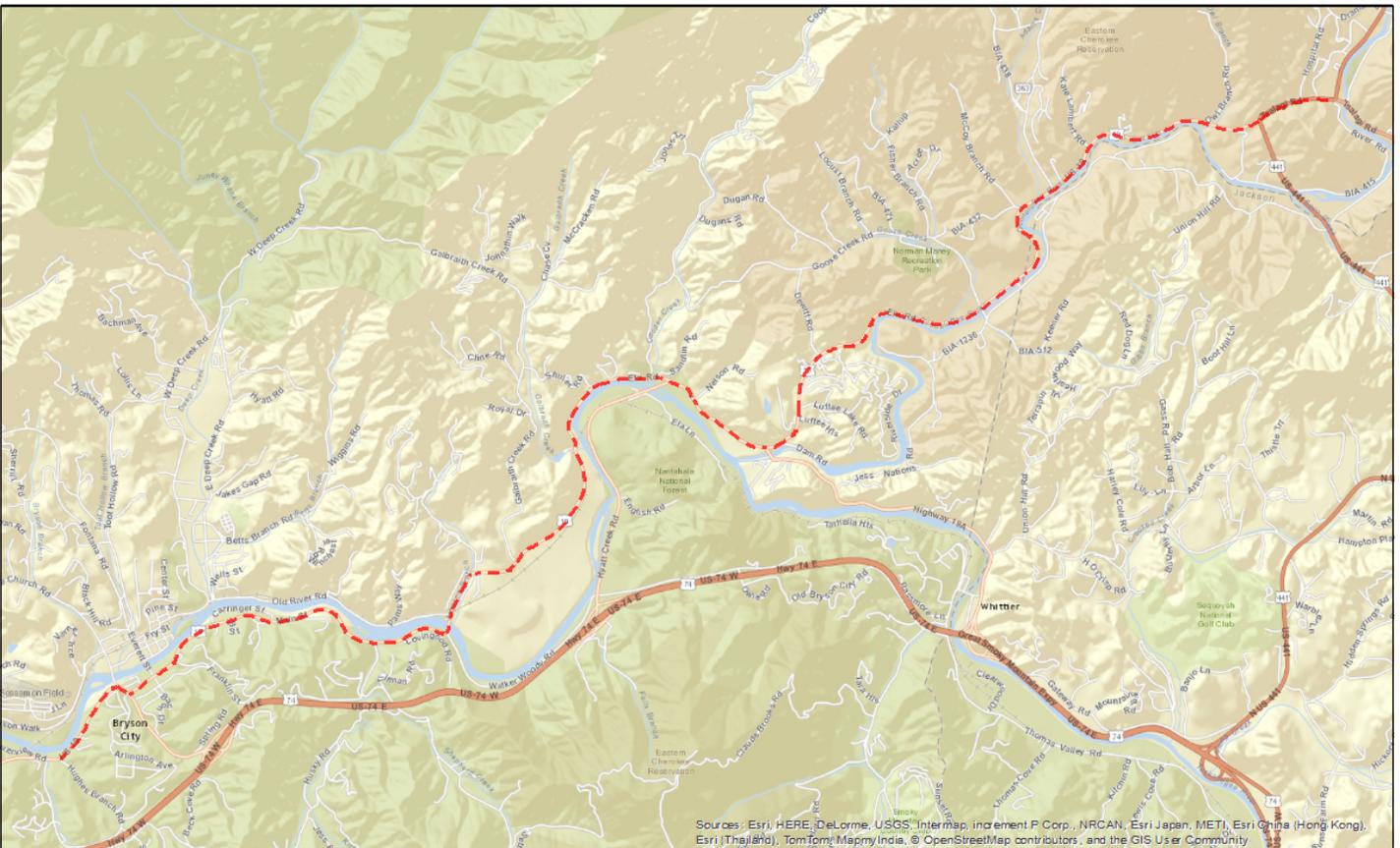
SR 1152 (Hughes Branch Road) in Bryson City to US 441 North in Cherokee. Upgrade Roadway. Recommended Costs Come from Feasibility Study (Fs-0114A)

**Division(s):** Division 14

**County(s):** SWAIN, 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
	N/A	N/A
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Regional Impact Total Score: 41.48**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 24.91	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 46.41		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 6.15		
<b>Totals: Weight: 70% Weighted Score: 11.48</b>		

**Division Needs Total Score: 9.62**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%) 24.91		
Safety (10%) 46.41		
<b>Totals: Weight: 50% Weighted Score: 9.62</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	43
Length (miles);	10.71
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	6154.61
Capacity:	16450.99
Volume/Capacity Ratio:	0.37
% Autos:	96%
% Trucks:	4%
Truck Volume:	261.39
Crash Density:	46.44
Crash Severity:	51.01
Critical Crash Rate:	41.79
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	15
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	78
Actual Congested Speed:	35.2
Travel Time Index:	1.23

**Project Benefits**

Project Cross-Section:	
Speed Limit:	43
Length (miles):	10.71
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 14	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$108,414,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$108,414,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$108,414,000</b>	