



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090923

**Mode:** Highway

**Status:** Submitted

## NC-89

**From/Cross Street:** SR 1420

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

**To:** NC 18

**Project Category:** Regional Impact

**Length:** 2.77

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$8,664,000

### Description:

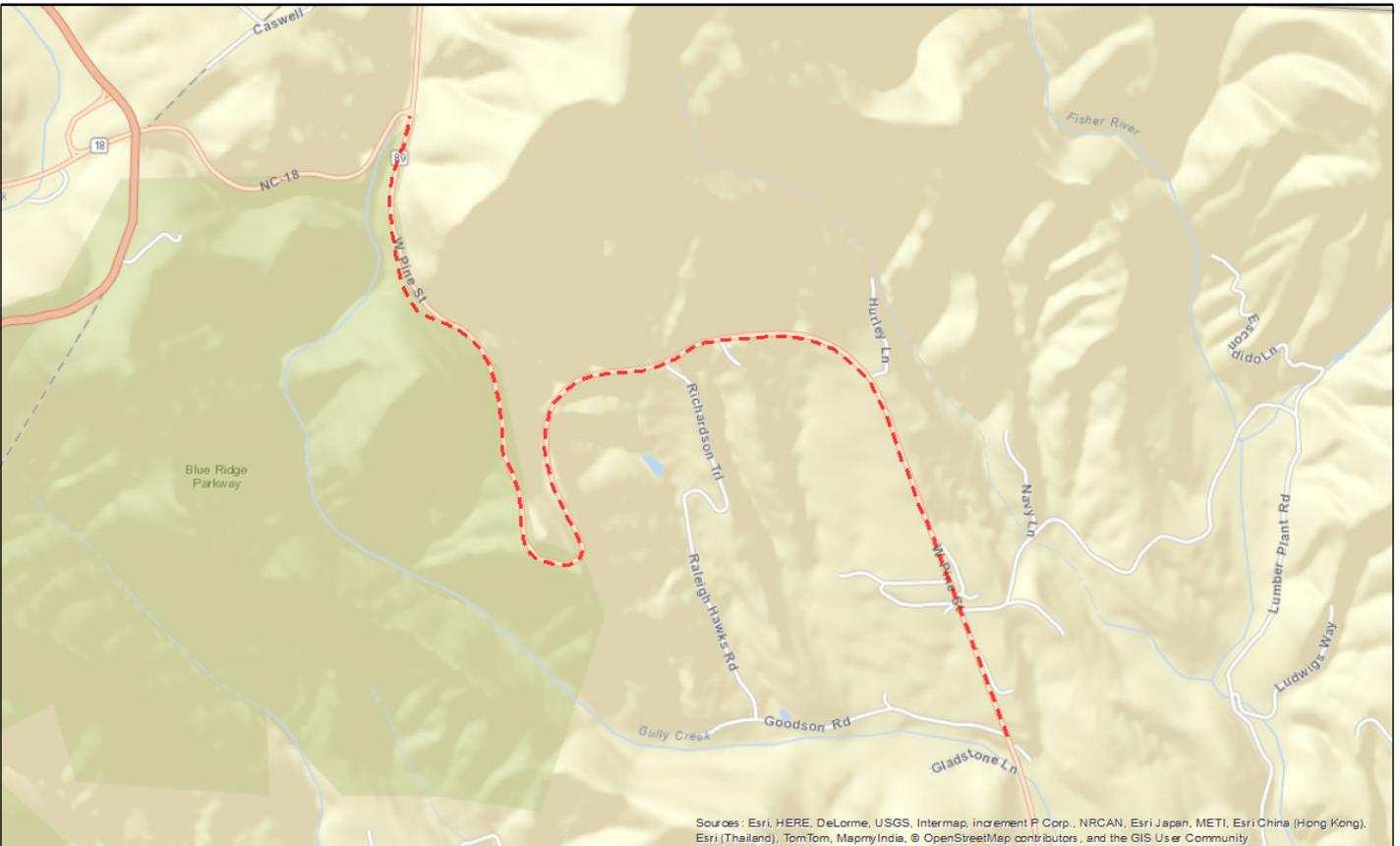
Roadway Improvements to NC 89 to Accomodate Truck Traffic including Widening of a Portion of the Existing Roadway and a Portion of New Location.

**Division(s):** Division 11

**County(s):** SURRY

**MPOS(s)/RPO(s):** Northwest Piedmont 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: 27.01**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 11.45	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 69.64		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 21.79		
<b>Totals: Weight: 70% Weighted Score: 12.01</b>		

**Division Needs Total Score: 9.25**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 11.45	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 69.64		
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 9.25</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	2.77
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):	2681.69
Capacity:	15500
Volume/Capacity Ratio:	0.17
% Autos:	94%
% Trucks:	6%
Truck Volume:	147.54
Crash Density:	80.63
Crash Severity:	47.67
Critical Crash Rate:	80.63
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	30
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	45
Travel Time Index:	1.22

**Project Benefits**

Project Cross-Section:	
Speed Limit:	55
Length (miles):	2.77
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 11

\* 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 11	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont 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:	\$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
<b>Cost to NCDOT :</b>	<b>\$8,664,000</b>	