



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111185

**Mode:** Highway

**Status:** Submitted

## NC-150

**From/Cross Street:** Delview Rd. (SR 1651 - Gaston)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** NC 180

**Project Category:** Regional Impact

**Length:** 7.58

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$84,956,000

### Description:

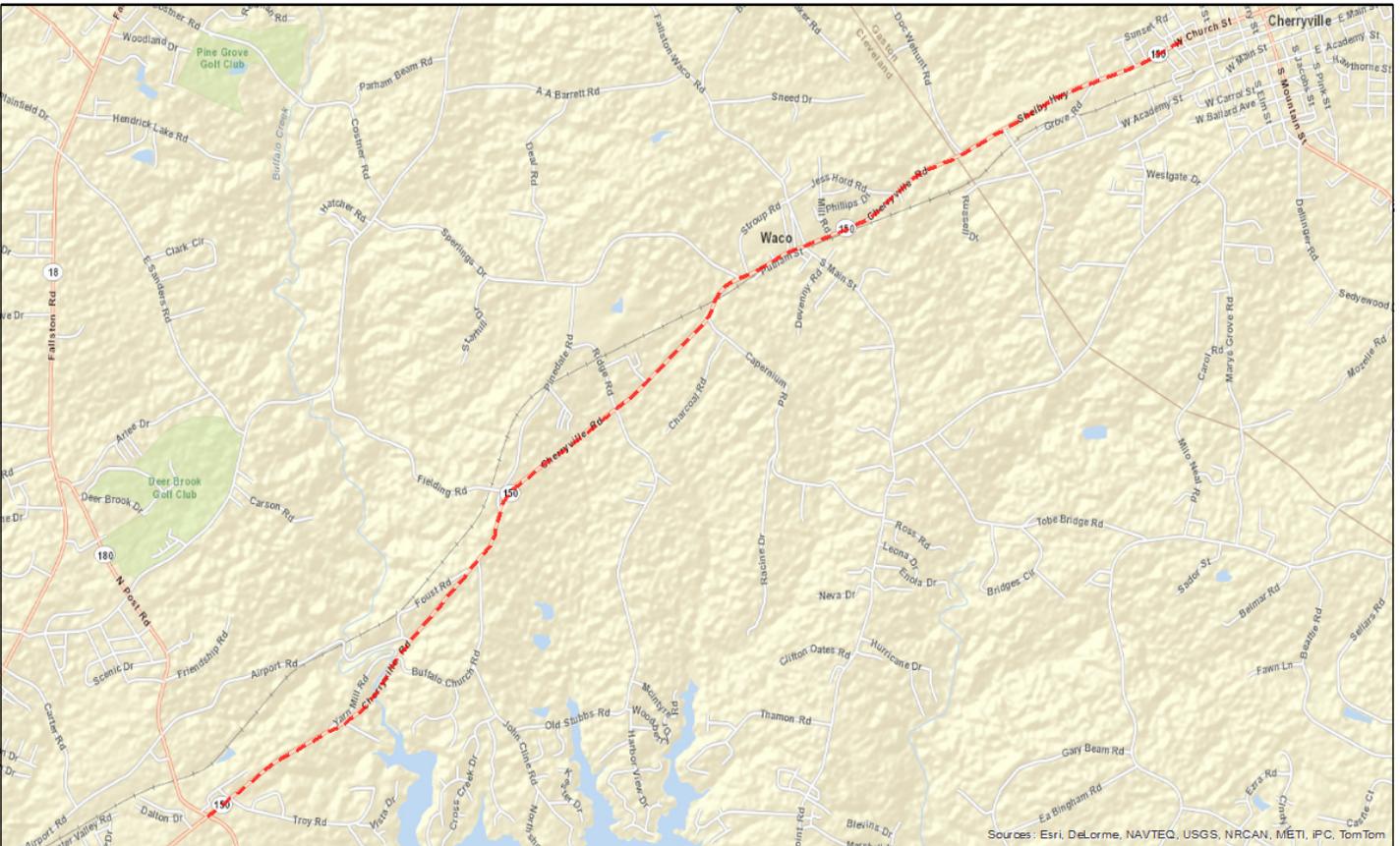
NC150 Widen to Multi-Lanes from Cherryville to US 74 Bypass

**Division(s):** Division 12

**County(s):** CLEVELAND, GASTON

**MPOS(s)/RPO(s):** Gaston-Cleveland-Lincoln MPO

### 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: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 17.02	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (25%) 32.06		
Safety (10%) 63.19		
[Travel Time] Benefit/Cost (25%) 0.00		
<b>Totals: Weight: 70% Weighted Score: 16.04</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 32.06	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 63.19		
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 12.73</b>		

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

Existing Cross-Section:	
Speed Limit:	52
Length (miles):	7.58
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7528.56
Capacity:	15550.88
Volume/Capacity Ratio:	0.48
% Autos:	94%
% Trucks:	6%
Truck Volume:	457.86
Crash Density:	84.42
Crash Severity:	51.53
Critical Crash Rate:	53.64
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	81
Actual Congested Speed:	44
Travel Time Index:	1.17

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	52
Length (miles):	7.58
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-5333580.79
Travel Time Savings for 30 Years (Autos):	-5009208.89
Travel Time Savings for 30 Years (Trucks):	-324371.9
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?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

\* 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 12	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
Gaston-Cleveland-Lincoln MPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$51,642,000	TIP Unit
Right-of-Way Cost:	\$29,745,000	Cost Estimation Tool
Utilities Cost:	\$3,569,000	Cost Estimation Tool
Total Project Cost:	\$84,956,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$84,956,000</b>	