



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090274-A

Mode: Highway

Status: Submitted

## US-19, US-23

From/Cross Street: NC 215 in Canton

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1836

Project Category: Regional Impact

Length: 1.5

TIP#: R-4406A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$29,511,000

### Description:

NC 215 in Canton to Multi-Lanes near NC 151. Widen to Multi-Lanes. (Coordinate with B-3656). Section A - NC 215 in Canton to SR 1836.

Division(s): Division 14

County(s): HAYWOOD

MPOS(s)/RPO(s): French Broad River MPO

### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**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: 20.58**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 22.38	Percent: 15% Points: 0	Percent: 15% Points: 61
[Travel Time] Benefit/Cost (25%) 0.51		
Accessibility / Connectivity (10%) 6.67		
Congestion (V/C) (25%) 33.59		
<b>Totals: Weight: 70% Weighted Score: 11.43</b>		

**Division Needs Total Score: 9.06**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 33.59	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 22.38		
[Travel Time] Benefit/Cost (20%) 0.51		
<b>Totals: Weight: 50% Weighted Score: 9.06</b>		

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

Existing Cross-Section:	
Speed Limit:	40
Length (miles);	1.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	8003.47
Capacity:	15800.13
Volume/Capacity Ratio:	0.51
% Autos:	96%
% Trucks:	4%
Truck Volume:	323.11
Crash Density:	22.69
Crash Severity:	32.2
Critical Crash Rate:	12.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	79
Actual Congested Speed:	38.35
Travel Time Index:	1.05

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.5
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	673874.1
Travel Time Savings for 30 Years (Autos):	646669.06
Travel Time Savings for 30 Years (Trucks):	27205.04
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 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%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
French Broad River MPO	100%	61	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>61</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$20,292,000	TIP Unit
Right-of-Way Cost:	\$8,231,000	Cost Estimation Tool
Utilities Cost:	\$988,000	Cost Estimation Tool
Total Project Cost:	\$29,511,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$29,511,000</b>	