



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129014

**Mode:** Highway

**Status:** Submitted

## NC-273 (South Main Street)

**From/Cross Street:** Tuckaseege Road

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

**To:** Highland Street

**Project Category:** Regional Impact

**Length:** 1.31

**TIP#:** U-3633

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$16,250,000

### Description:

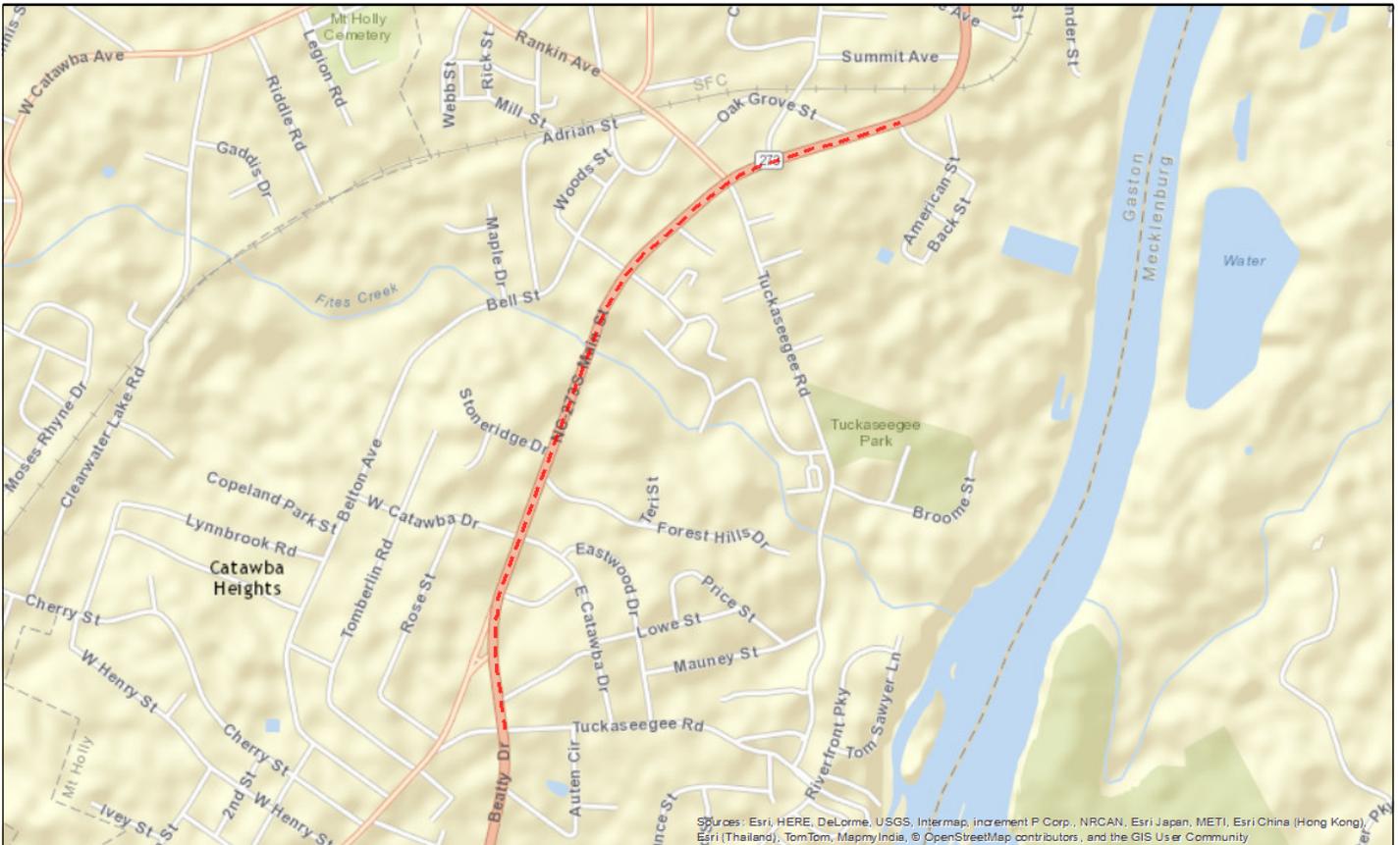
Widen to multi-lanes

**Division(s):** Division 12

**County(s):** 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: 57.62**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 64.38	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 84.34		
[Travel Time] Benefit/Cost (25%) 4.16		
Accessibility / Connectivity (10%) 20.51		
<b>Totals: Weight: 70% Weighted Score: 27.62</b>		

**Division Needs Total Score: 72.14**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 64.38	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 84.34		
[Travel Time] Benefit/Cost (20%) 4.16		
<b>Totals: Weight: 50% Weighted Score: 22.14</b>		

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

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.31
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?	No
Volume (AADT):	18758.93
Capacity:	19788.13
Volume/Capacity Ratio:	0.95
% Autos:	95%
% Trucks:	5%
Truck Volume:	860.09
Crash Density:	82.92
Crash Severity:	78.74
Critical Crash Rate:	91.39
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	33.05
Travel Time Index:	1.05

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.31
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	3017802.17
Travel Time Savings for 30 Years (Autos):	2879437.55
Travel Time Savings for 30 Years (Trucks):	138364.62
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!line tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Gaston-Cleveland-Lincoln MPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$12,400,000	TIP Unit
Right-of-Way Cost:	\$2,500,000	TIP Unit
Utilities Cost:	\$1,350,000	TIP Unit
Total Project Cost:	\$16,250,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$16,250,000</b>	