



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090208-C

**Mode:** Highway

**Status:** Submitted

## NC-279 (Dallas Cherryville Highway)

**From/Cross Street:** SR 1461 (Lakeside Street)

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

**To:** NC 275 (Dallas Bessemer City Highway)

**Project Category:** Regional Impact

**Length:** 0.81

**TIP#:** R-3107C

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$7,400,000

### Description:

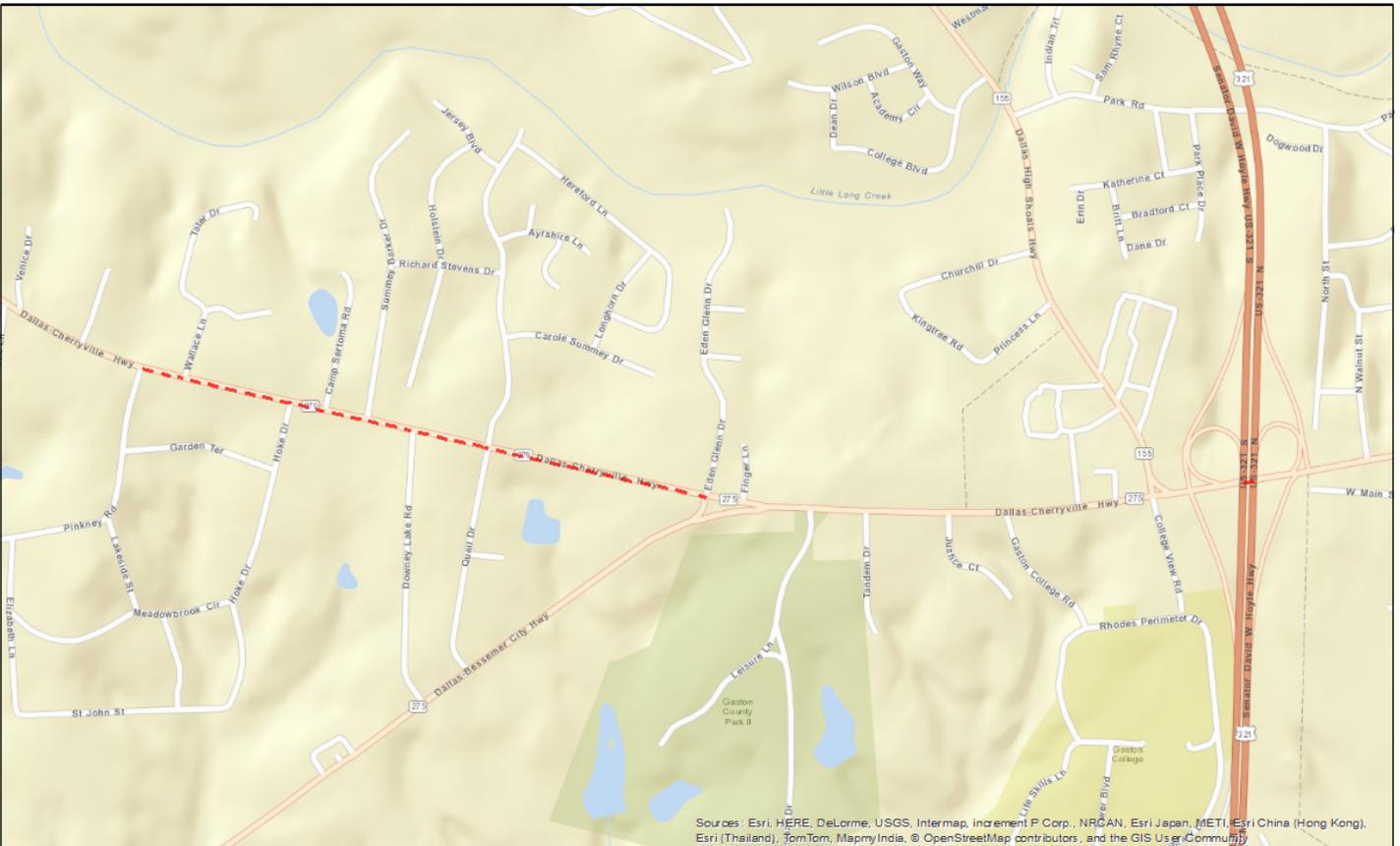
Widen to Multi-Lanes

**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: 34.86**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 53.36	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 45.47		
[Travel Time] Benefit/Cost (25%) 2.15		
Accessibility / Connectivity (10%) 14.40		
<b>Totals: Weight: 70% Weighted Score: 19.86</b>		

**Division Needs Total Score: 15.65**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 45.47	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%) 53.36		
[Travel Time] Benefit/Cost (20%) 2.15		
<b>Totals: Weight: 50% Weighted Score: 15.65</b>		

**Project Data \***

**Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	0.81
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):	12606.87
Capacity:	15656.64
Volume/Capacity Ratio:	0.81
% Autos:	96%
% Trucks:	4%
Truck Volume:	561.04
Crash Density:	34.83
Crash Severity:	75.17
Critical Crash Rate:	26.42
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	91
Actual Congested Speed:	45.71
Travel Time Index:	0.96

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	0.81
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	710423.71
Travel Time Savings for 30 Years (Autos):	678807.86
Travel Time Savings for 30 Years (Trucks):	31615.85
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%	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:	\$5,400,000	TIP Unit
Right-of-Way Cost:	\$2,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$7,400,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$7,400,000</b>	