



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090439

Mode: Highway

Status: Submitted

US-29, US-74 (Franklin Boulevard)

From/Cross Street: SR 2200 (Cox Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 2339 (Church Street)

Project Category: Regional Impact

Length: 1.22

TIP#: U-3806

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,438,000

Description:

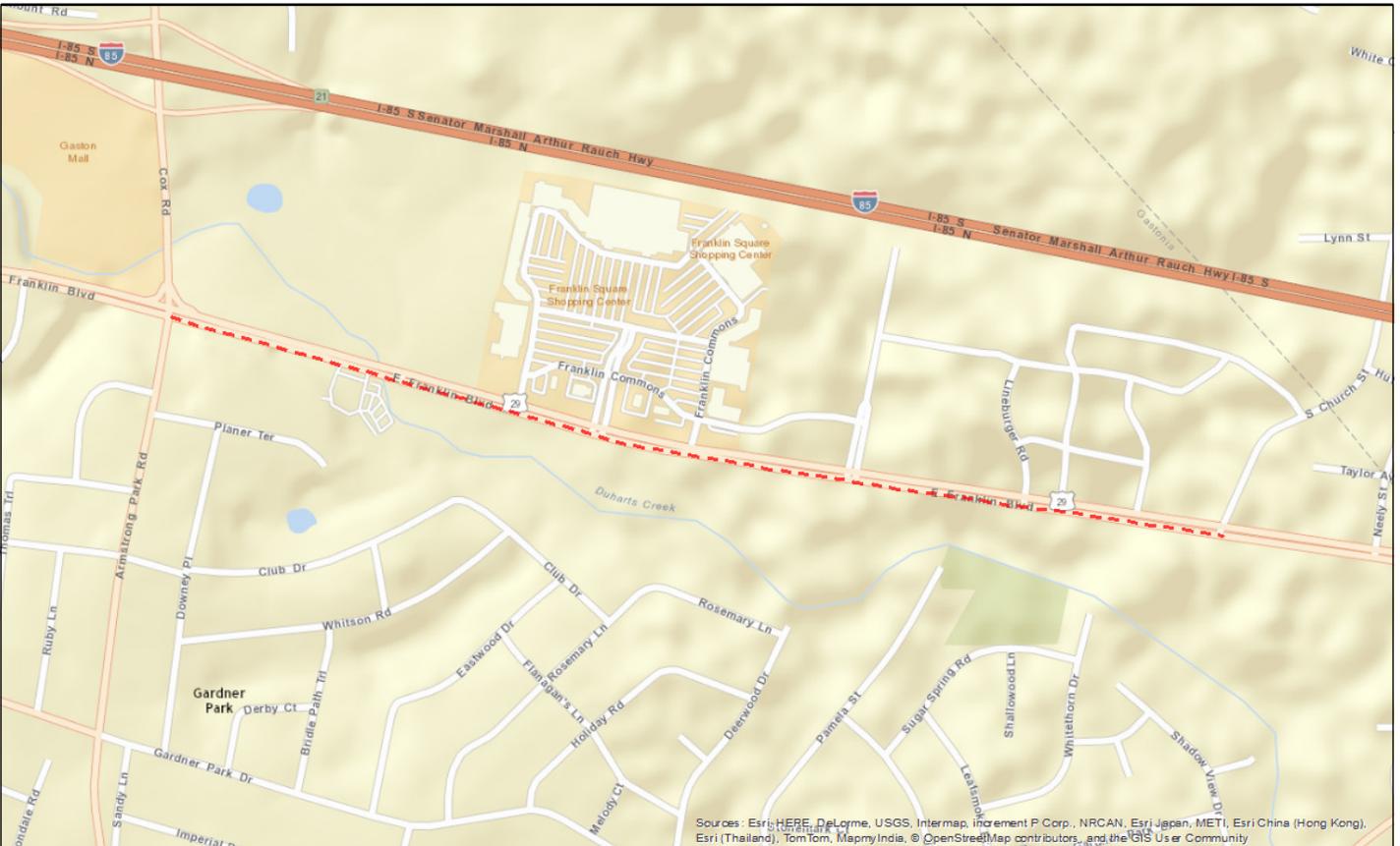
SR 2200 (Cox Road) to SR 2339 (Church Street). Add Lane in the Westbound Direction.

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
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 36.25

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 60.08	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 40.68		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 21.63		
Totals: Weight: 70% Weighted Score: 21.25		

Division Needs Total Score: 16.08

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 60.08	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 40.68		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 16.08		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	1.22
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):	29446.93
Capacity:	36579.79
Volume/Capacity Ratio:	0.81
% Autos:	96%
% Trucks:	4%
Truck Volume:	1122.05
Crash Density:	27.46
Crash Severity:	93.69
Critical Crash Rate:	0.9
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	98
Actual Congested Speed:	29
Travel Time Index:	1.86

Project Benefits

Project Cross-Section:	6E - 6 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.22
Facility Type:	Arterial
Access Control:	None
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):	-641996.26
Travel Time Savings for 30 Years (Autos):	-617533.58
Travel Time Savings for 30 Years (Trucks):	-24462.68
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
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$4,788,000	TIP Unit
Right-of-Way Cost:	\$3,259,000	Cost Estimation Tool
Utilities Cost:	\$391,000	Cost Estimation Tool
Total Project Cost:	\$8,438,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$8,438,000	