



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111211

Mode: Highway

Status: Submitted

SR-2439 (Beaty Road)

From/Cross Street: South New Hope Road

Specific Improvement Type: 1 - Widen Existing Roadway

To: Union Rd

Project Category: Division Needs

Length: 3.7

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$29,317,000

Description:

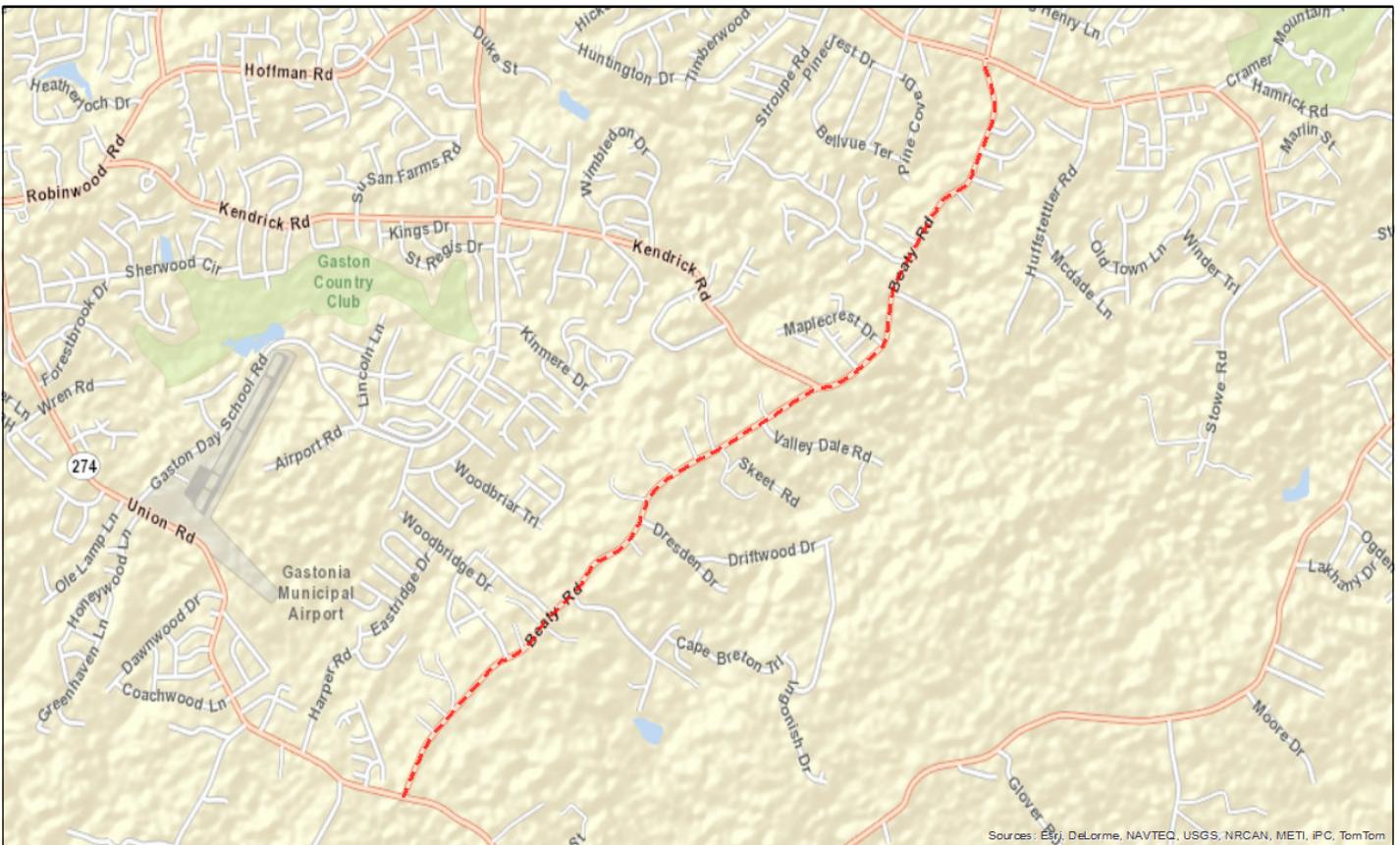
Widen Beaty Road to three lanes from S. New Hope Road to Union Road with sidewalk on west side and multi-use path on east side.

Division(s): Division 12

County(s): GASTON

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

Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IFC, TomTom

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: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 33.64	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 71.32		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 13.86		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	3.7
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8015.67
Capacity:	15800.49
Volume/Capacity Ratio:	0.51
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.81
Crash Severity:	76.43
Critical Crash Rate:	37.74
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	29
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	93
Actual Congested Speed:	39
Travel Time Index:	1.15

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.7
Facility Type:	Arterial
Access Control:	None
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):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
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%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$26,220,000	TIP Unit
Right-of-Way Cost:	\$2,765,000	Cost Estimation Tool
Utilities Cost:	\$332,000	Cost Estimation Tool
Total Project Cost:	\$29,317,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$29,317,000	