



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140366

Mode: Highway

Status: Submitted

US-64 (E 11th St)

From/Cross Street: US 421 Bypass

Specific Improvement Type: 11 - Access Management

To: SR 1317 (Greensboro Ave)

Project Category: Statewide Mobility

Length: 1.94

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,053,000

Description:

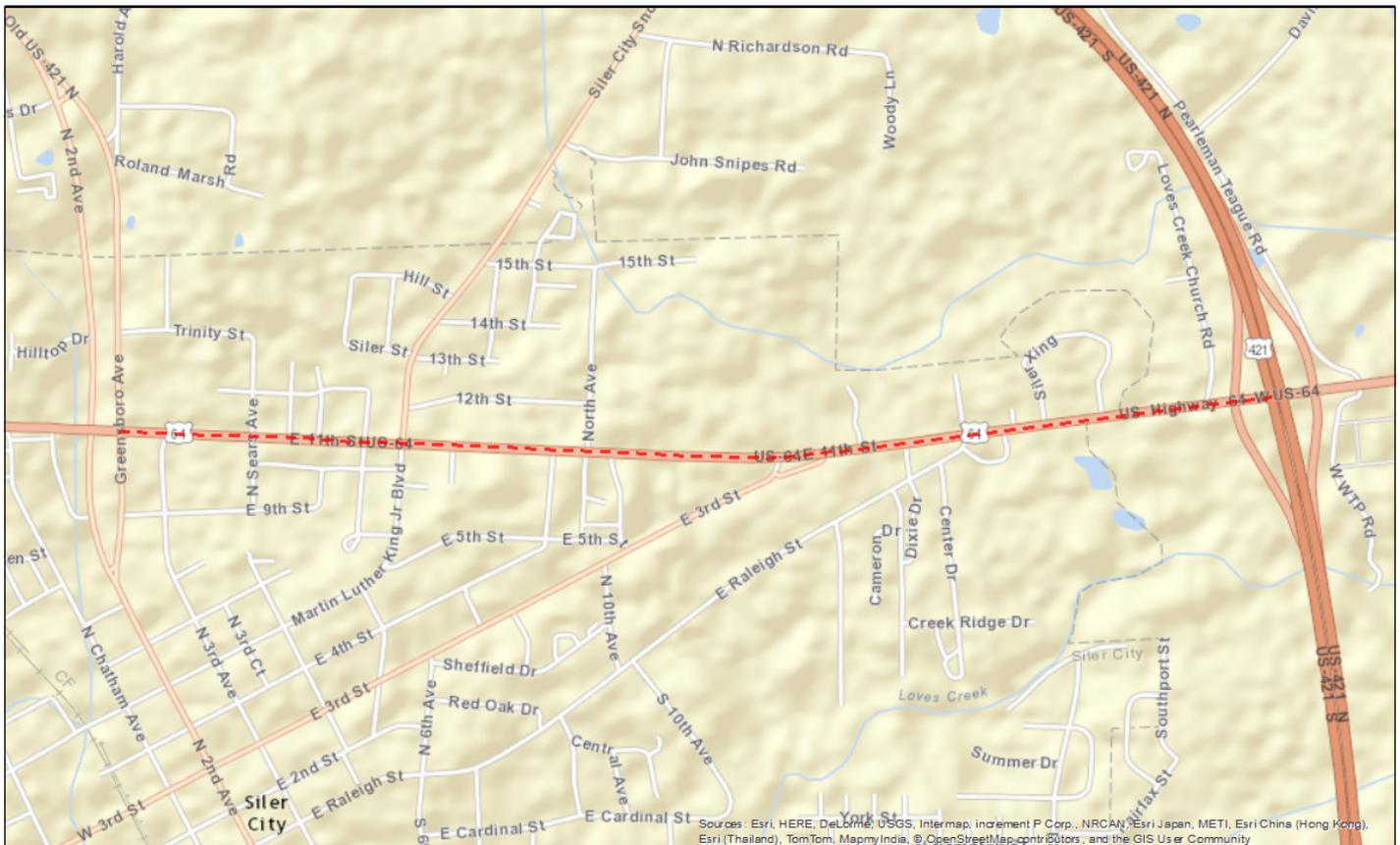
Improve roadway by adding median for access control, with sidewalks, crosswalks, bike lanes and/or multi-use sidepath as recommended in Bike & Ped plans

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 22.1

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	43.69	N/A	N/A
Safety (10%)	69.17		
Economic Competitiveness (10%)	1.01		
Multimodal + [Freight & Military] (20%)	8.79		
[Travel Time] Benefit/Cost (30%)	0.73		
Totals: Weight: 100% Weighted Score: 22.1			

Regional Impact Total Score: 49.46

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	43.69	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%)	69.17		
[Travel Time] Benefit/Cost (25%)	0.73		
Accessibility / Connectivity (10%)	14.35		
Totals: Weight: 70% Weighted Score: 19.46			

Division Needs Total Score: 40.8

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	43.69	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%)	69.17		
[Travel Time] Benefit/Cost (20%)	0.73		
Totals: Weight: 50% Weighted Score: 15.8			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.94
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	19054.1
Capacity:	31700
Volume/Capacity Ratio:	0.6
% Autos:	91%
% Trucks:	9%
Truck Volume:	1758.41
Crash Density:	57.99
Crash Severity:	66.6
Critical Crash Rate:	82.95
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	74
Actual Congested Speed:	37.74
Travel Time Index:	1.19

Project Benefits

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.94
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):	320417.63
Travel Time Savings for 30 Years (Autos):	290847.79
Travel Time Savings for 30 Years (Trucks):	29569.84
Long-Term Employment:	5.82
% Change in Economy:	1.44E-05
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:	Triangle Area RPO

* 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 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$9,780,000	Cost Estimation Tool
Right-of-Way Cost:	\$244,000	Cost Estimation Tool
Utilities Cost:	\$29,000	Cost Estimation Tool
Total Project Cost:	\$10,053,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$10,053,000	