



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090241-C

Mode: Highway

Status: Submitted

US-64

From/Cross Street: US 29/70 in Lexington

Specific Improvement Type: 1 - Widen Existing Roadway

To:

Project Category: Regional Impact

Length: 0.62

TIP#: R-3602C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$21,033,000

Description:

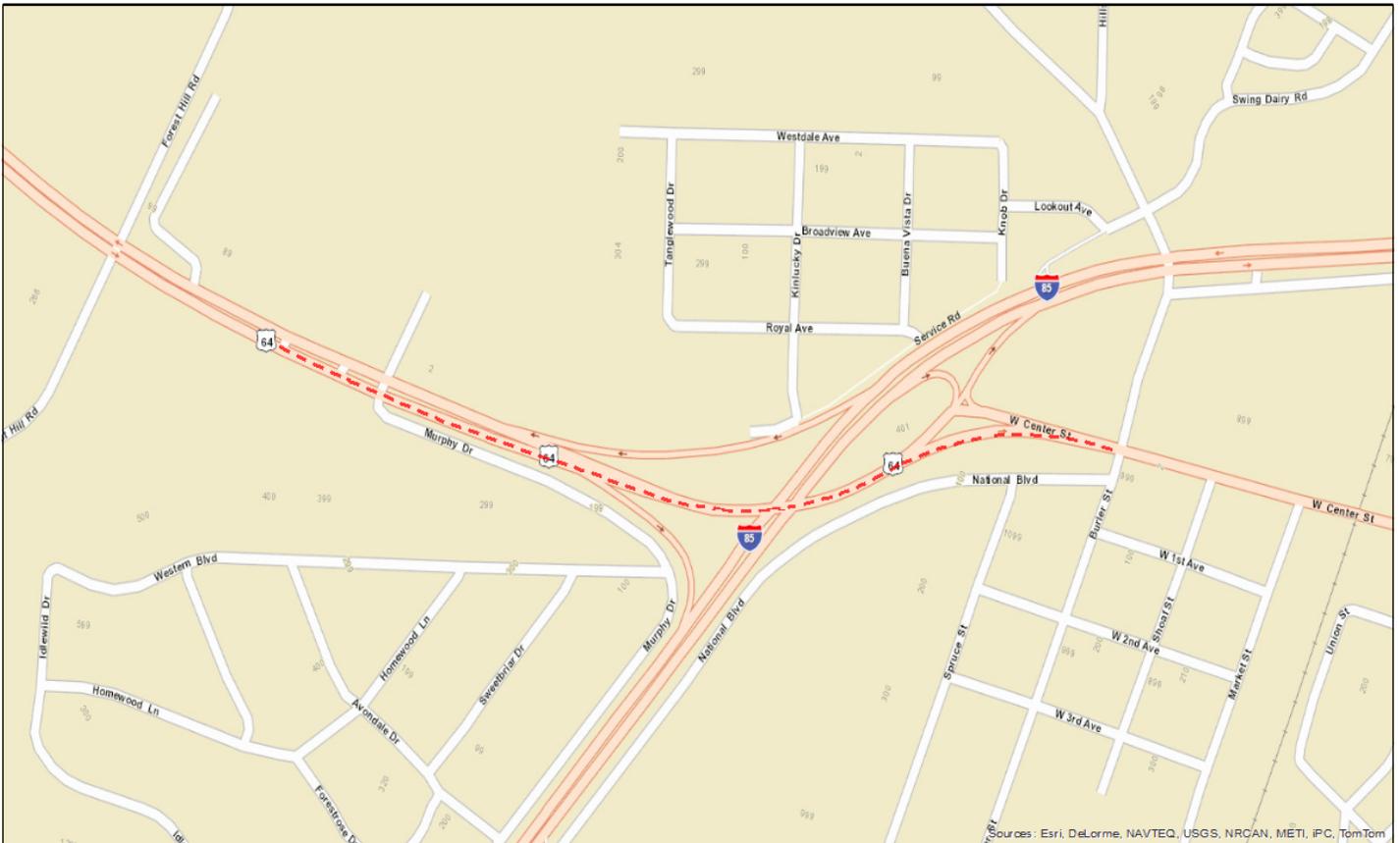
US 601 South of Mocksville to US 52 in Lexington. Widen to Multi-Lanes and Upgrade interchange at US 52. Section C: US 64 at US 29/70 in Lexington.

Division(s): Division 9

County(s): DAVIDSON

MPOS(s)/RPO(s): High Point Urban Area 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: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 27.44	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 24.89		
[Travel Time] Benefit/Cost (25%) 0.07		
Accessibility / Connectivity (10%) 7.43		
Totals: Weight: 70% Weighted Score: 10.11		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 27.44	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 24.89		
[Travel Time] Benefit/Cost (20%) 0.07		
Totals: Weight: 50% Weighted Score: 7.99		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	44
Length (miles):	0.62
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):	11138.04
Capacity:	29076.52
Volume/Capacity Ratio:	0.38
% Autos:	92%
% Trucks:	8%
Truck Volume:	853.94
Crash Density:	14.92
Crash Severity:	29.88
Critical Crash Rate:	29.88
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	86
Actual Congested Speed:	37.42
Travel Time Index:	1.17

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	0.62
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):	66279.68
Travel Time Savings for 30 Years (Autos):	61198.08
Travel Time Savings for 30 Years (Trucks):	5081.6
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 9

* 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 9	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$20,862,000	TIP Unit
Right-of-Way Cost:	\$153,000	Cost Estimation Tool
Utilities Cost:	\$18,000	Cost Estimation Tool
Total Project Cost:	\$21,033,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$21,033,000	