



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090061-B

Mode: Highway

Status: Submitted

## US-64

From/Cross Street: East of I-85 Business in Lexington **Specific Improvement Type:** 1 - Widen Existing Roadway

To: NC 109

**Project Category:** Statewide Mobility

Length: 5.26

**TIP#:** R-2220B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$68,500,000

### Description:

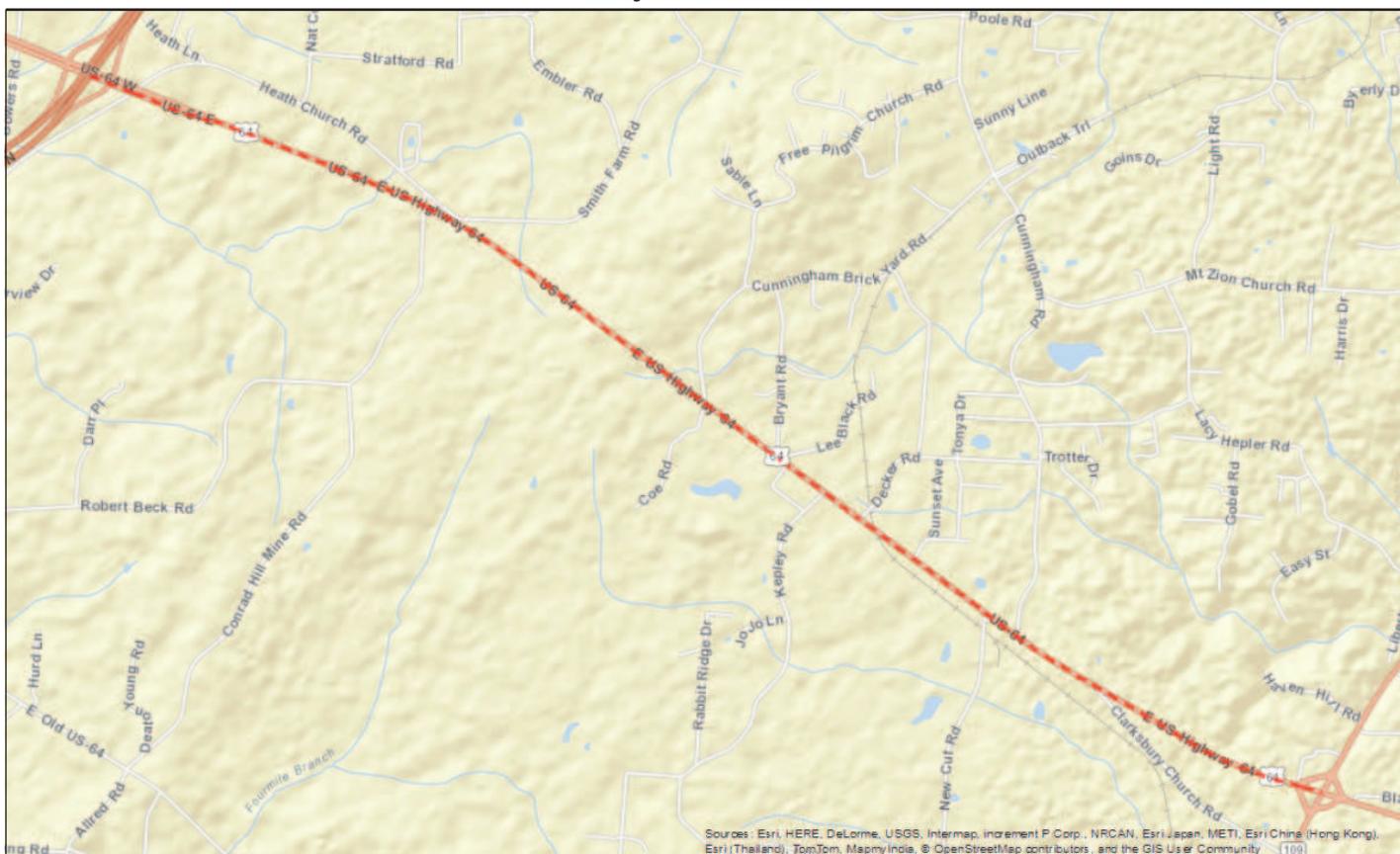
Widen to Multi-Lanes.

Division(s): Division 9

County(s): DAVIDSON

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

### Project Location



**Statewide Mobility Total Score: 19.41**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	42.41	N/A	N/A
Safety (10%)	49.50		
Economic Competitiveness (10%)	2.08		
Multimodal + [Freight & Military] (20%)	7.14		
[Travel Time] Benefit/Cost (30%)	0.33		
<b>Totals: Weight: 100% Weighted Score: 19.41</b>			

**Regional Impact Total Score: 33.88**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	42.41	Percent: 15% Points: 100	Percent: 15% Points: 0
Safety (10%)	49.50		
[Travel Time] Benefit/Cost (25%)	0.33		
Accessibility / Connectivity (10%)	32.48		
<b>Totals: Weight: 70% Weighted Score: 18.88</b>			

**Division Needs Total Score: 13.5**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%)	49.50	Percent: 25% Points: 0	Percent: 25% Points: 0
[Travel Time] Benefit/Cost (20%)	0.33		
Congestion (V/C) (20%)	42.41		
<b>Totals: Weight: 50% Weighted Score: 13.5</b>			

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	5.26
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	9930.45
Capacity:	15499.62
Volume/Capacity Ratio:	0.64
% Autos:	86%
% Trucks:	14%
Truck Volume:	1427.05
Crash Density:	62.32
Crash Severity:	49.66
Critical Crash Rate:	36.54
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:	73
Actual Congested Speed:	53.84
Travel Time Index:	1.02

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	5.26
Facility Type:	Multi-Lane Highway
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):	962140.82
Travel Time Savings for 30 Years (Autos):	823876.83
Travel Time Savings for 30 Years (Trucks):	138263.99
Long-Term Employment:	16
% Change in Economy:	2.55E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
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 Online tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 9	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$36,000,000	TIP Unit
Right-of-Way Cost:	\$27,500,000	TIP Unit
Utilities Cost:	\$5,000,000	TIP Unit
Total Project Cost:	\$68,500,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$68,500,000</b>	