



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090061-DB

Mode: Highway

Status: Submitted

US-64

From/Cross Street: Proposed Asheboro Bypass

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 49

Project Category: Statewide Mobility

Length: 2.21

TIP#: R-2220DB

Fully Funded in Draft STIP? No

Cost to NCDOT: \$21,900,000

Description:

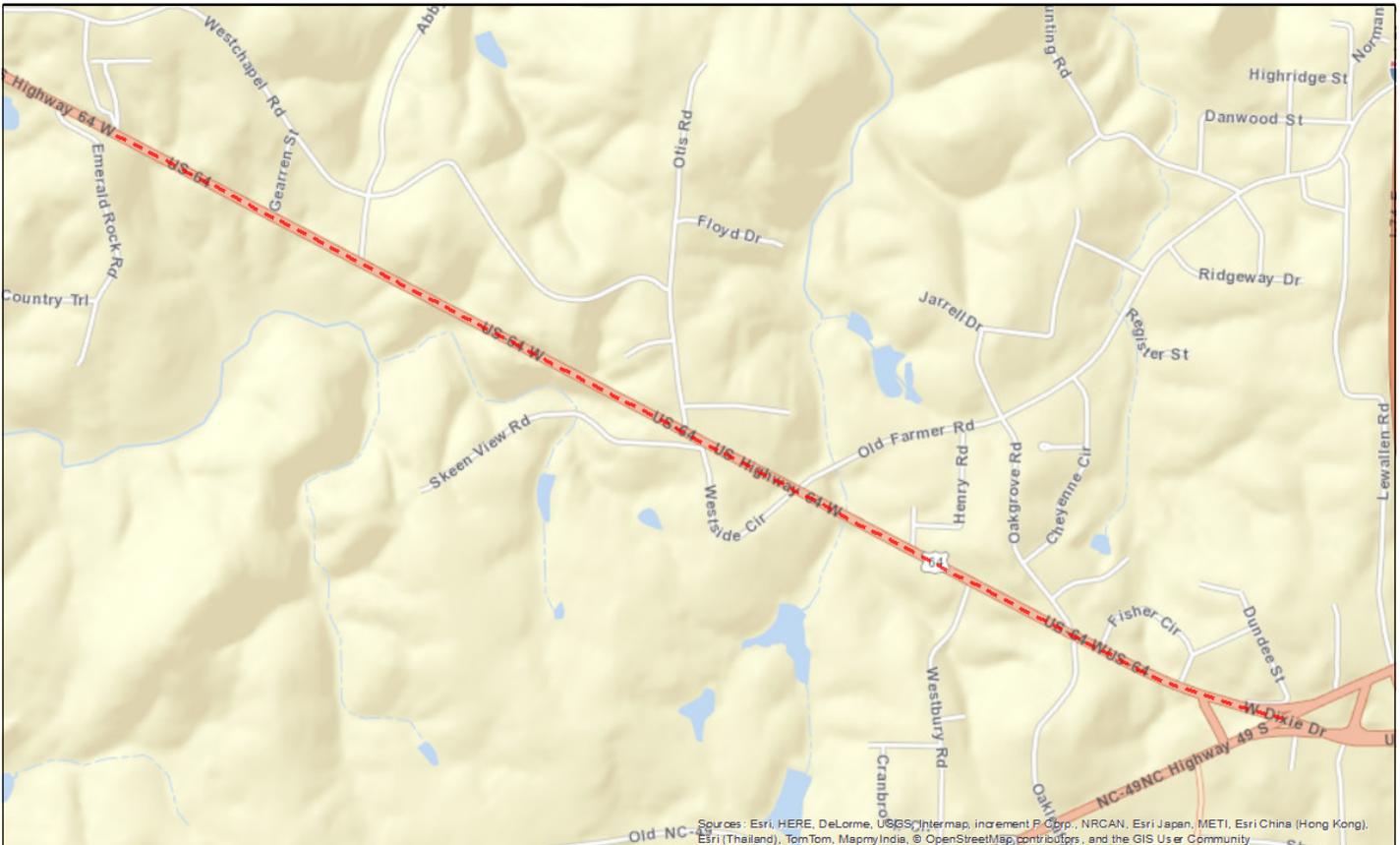
Widen to Multi-Lanes.

Division(s): Division 8

County(s): RANDOLPH

MPOS(s)/RPO(s): Piedmont Triad RPO

Project Location



Statewide Mobility Total Score: 22.62

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (20%)	6.75	N/A	N/A
Congestion (V/C) (30%)	51.25		
Safety (10%)	53.55		
Economic Competitiveness (10%)	2.70		
[Travel Time] Benefit/Cost (30%)	0.91		
Totals: Weight: 100% Weighted Score: 22.62			

Regional Impact Total Score: 51.59

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	51.25	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%)	53.55		
[Travel Time] Benefit/Cost (25%)	0.91		
Accessibility / Connectivity (10%)	32.00		
Totals: Weight: 70% Weighted Score: 21.59			

Division Needs Total Score: 15.79

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	51.25	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%)	53.55		
[Travel Time] Benefit/Cost (20%)	0.91		
Totals: Weight: 50% Weighted Score: 15.79			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.21
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	12000
Capacity:	15500
Volume/Capacity Ratio:	0.77
% Autos:	89%
% Trucks:	11%
Truck Volume:	1350.67
Crash Density:	67.46
Crash Severity:	58.08
Critical Crash Rate:	35.11
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	53.86
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):	2.21
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):	863147.58
Travel Time Savings for 30 Years (Autos):	765995.47
Travel Time Savings for 30 Years (Trucks):	97152.11
Long-Term Employment:	15
% Change in Economy:	3.9E-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 8

* 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
Piedmont Triad RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$14,500,000	TIP Unit
Right-of-Way Cost:	\$6,300,000	TIP Unit
Utilities Cost:	\$1,100,000	TIP Unit
Total Project Cost:	\$21,900,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$21,900,000	