



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140401

Mode: Highway

Status: Submitted

SR-2000 (Falls of Neuse Blvd)

From/Cross Street: I-540

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 2006 (Durant Road)

Project Category: Division Needs

Length: 0.9

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,798,000

Description:

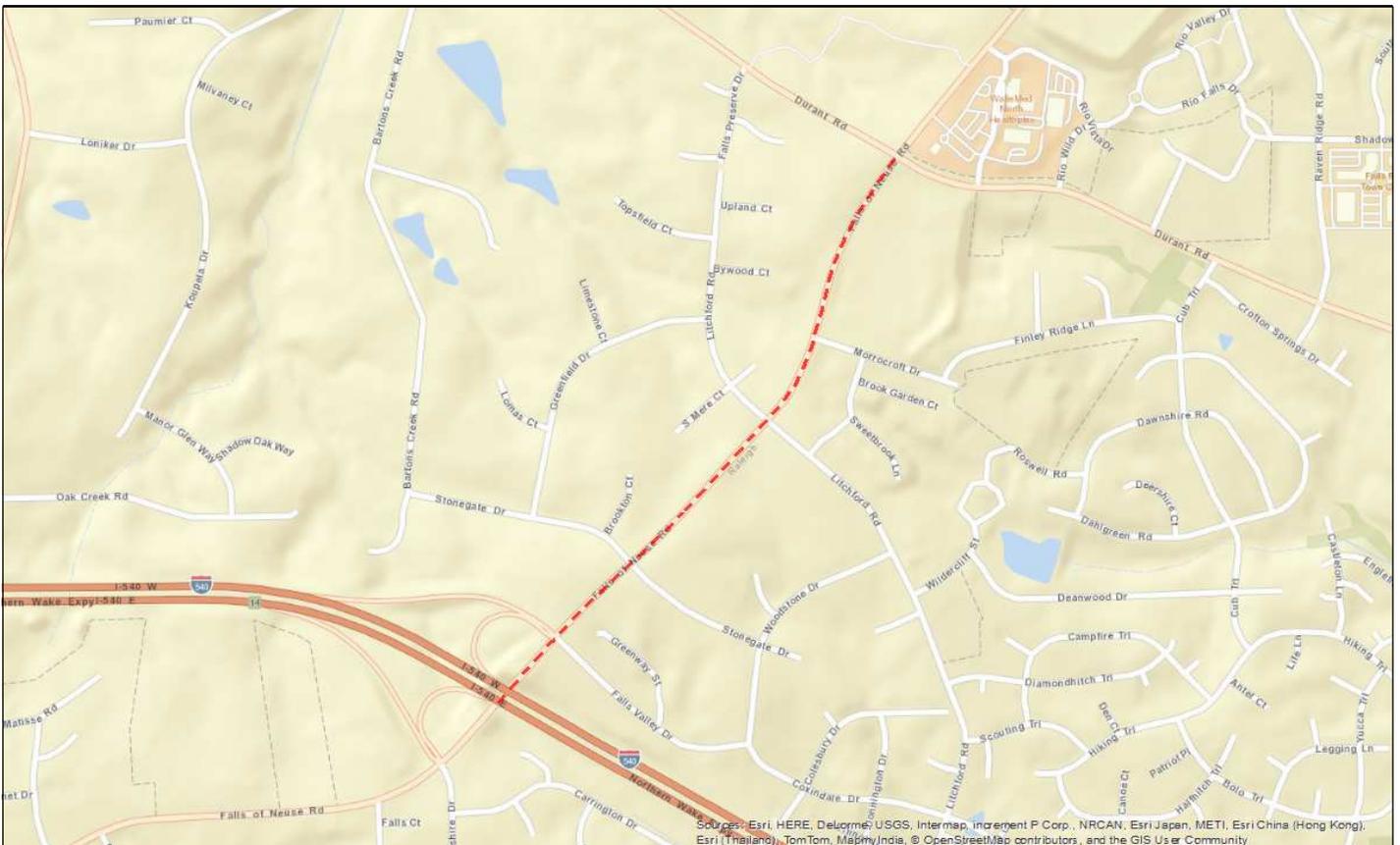
Widen existing roadway from 4 to 6 lanes.

Division(s): Division 5

County(s): WAKE

MPOS(s)/RPO(s): Capital Area MPO

Project Location



Statewide Mobility Total Score: 0

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

Regional Impact Total Score: 0

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

Division Needs Total Score: 76.77

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 98.48	Percent: 25% Points: 87	Percent: 25% Points: 87
Safety (10%) 82.62		
[Travel Time] Benefit/Cost (20%) 26.56		
Totals: Weight: 50% Weighted Score: 33.27		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	40
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	42955.28
Capacity:	31700.37
Volume/Capacity Ratio:	1.36
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.89
Crash Severity:	66.63
Critical Crash Rate:	81.37
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	81
Actual Congested Speed:	30.35
Travel Time Index:	1.15

Project Benefits

Project Cross-Section:	6F - 6 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	13169747.21
Travel Time Savings for 30 Years (Autos):	13169747.21
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?	Yes
CTP/LRTP Name:	CAMPO 2040 MTP
CTP/LRTP Completion Year:	2013
Submitted by:	Capital Area MPO

* 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 5	100%	0	87
	0%	0	0
	0%	0	0
TOTAL Division Points		0	87

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Capital Area MPO	100%	0	87
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	87

Project Cost and Source

Construction Cost:	\$7,682,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,782,000	Cost Estimation Tool
Utilities Cost:	\$334,000	Cost Estimation Tool
Total Project Cost:	\$10,798,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$10,798,000	