



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090271

Mode: Highway

Status: Submitted

## (New Route)

From/Cross Street: SR 1950 (West Academy Street)

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 311 Near Sophia

Project Category: Division Needs

Length: 1.54

TIP#: R-4065

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,926,000

### Description:

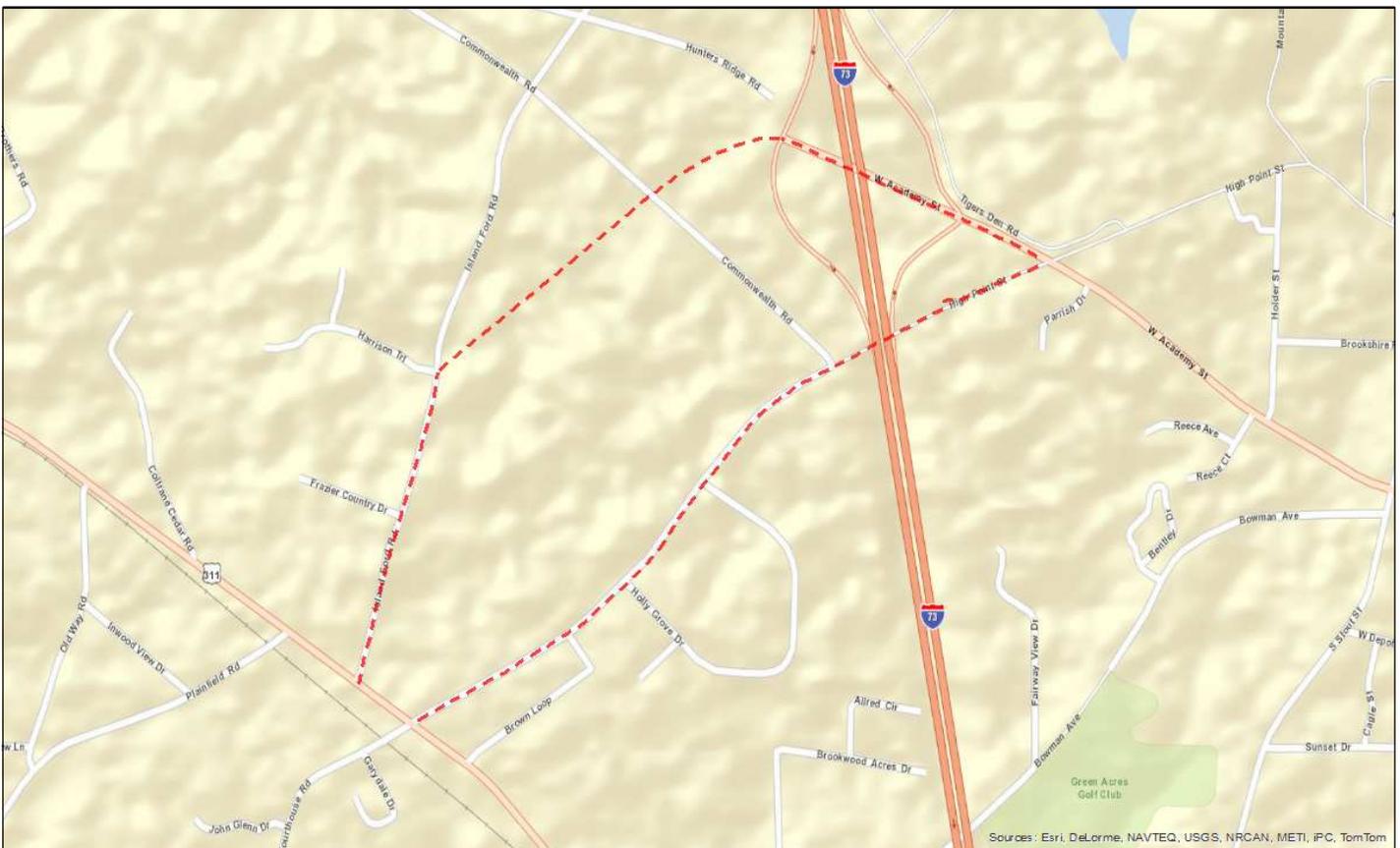
SR 1950 (West Academy Street) to US 311 near Sophia. Multi-Lane Connector on New Location.

Division(s): Division 8

County(s): RANDOLPH

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

### Project Location



**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

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

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)                      22.52 Safety (10%)                                      51.01 [Travel Time] Benefit/Cost (20%)            0.00	Percent: 25% Points:	Percent: 25% Points:
<b>Totals: Weight: 50% Weighted Score: 9.61</b>		

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

Existing Cross-Section:	
Speed Limit:	44
Length (miles):	1.4
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5365.04
Capacity:	15800.46
Volume/Capacity Ratio:	0.34
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	71.52
Crash Severity:	51.44
Critical Crash Rate:	30.1
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	0
Travel Time Index:	1.22

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	1.54
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-122500.31
Travel Time Savings for 30 Years (Autos):	-122500.31
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?	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%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Piedmont Triad RPO	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:	\$8,094,000	TIP Unit
Right-of-Way Cost:	\$2,529,000	Cost Estimation Tool
Utilities Cost:	\$303,000	Cost Estimation Tool
Total Project Cost:	\$10,926,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$10,926,000</b>	