



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141866

**Mode:** Highway

**Status:** Submitted

## NC-58

**From/Cross Street:** E Old Spring Hope Rd

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Silver Lake

**Project Category:** Regional Impact

**Length:** 9.1

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$81,536,000

### Description:

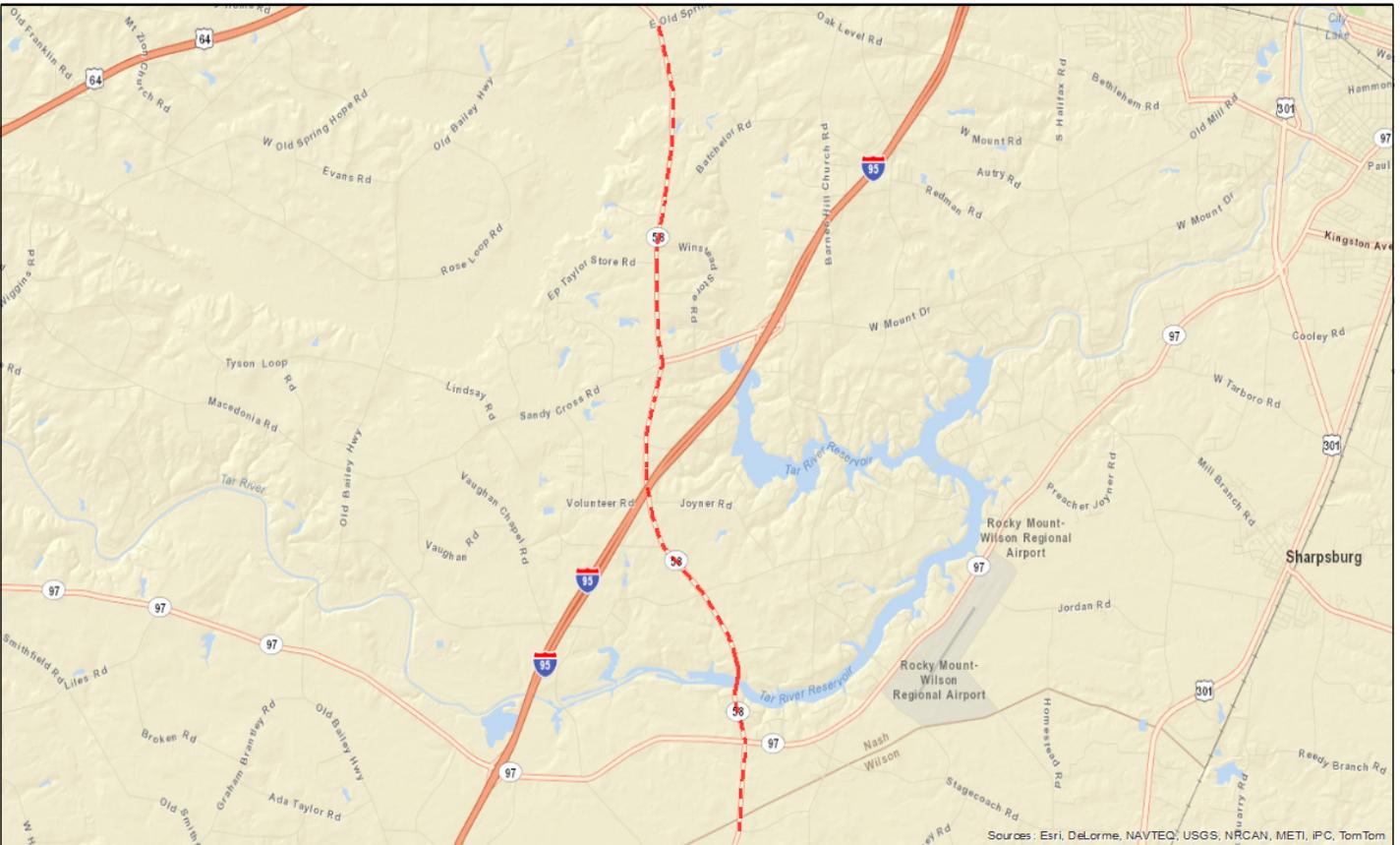
Widen the existing 2 lane highway to a 4 lane highway beginning at the NC 58 and Old Spring Hope Rd intersection in Nashville proceeding south on the existing alignment approximately 11 miles to the City of Wilson Limits.

**Division(s):** Division 4

**County(s):** NASH, WILSON

**MPOS(s)/RPO(s):** Rocky Mount Urban Area MPO, Upper Coastal Plain RPO

### Project Location



**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.03	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (15%) 16.76		
Safety (15%) 55.85		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
<b>Totals: Weight: 70% Weighted Score: 10.9</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 16.76	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 55.85		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.03		
<b>Totals: Weight: 50% Weighted Score: 7.26</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	9.1
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	4114.38
Capacity:	16330.63
Volume/Capacity Ratio:	0.25
% Autos:	95%
% Trucks:	5%
Truck Volume:	212.36
Crash Density:	65.1
Crash Severity:	45.07
Critical Crash Rate:	57.39
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	87
Actual Congested Speed:	47.01
Travel Time Index:	1.17

**Project Benefits**

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	9.1
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	106192.28
Travel Time Savings for 30 Years (Autos):	100711.28
Travel Time Savings for 30 Years (Trucks):	5481
Long-Term Employment:	
% Change in Economy:	
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:	Upper Coastal Plain RPO

\* 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 4	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
Rocky Mount Urban Area MPO	98%	0	0
Upper Coastal Plain RPO	2%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$74,775,000	Cost Estimation Tool
Right-of-Way Cost:	\$6,037,000	Cost Estimation Tool
Utilities Cost:	\$724,000	Cost Estimation Tool
Total Project Cost:	\$81,536,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$81,536,000</b>	