



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090078-BA

**Mode:** Highway

**Status:** Submitted

## NC-8 (Cotton Grove Road)

**From/Cross Street:** SR 2412 (Rothrock Road)

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

**To:** SR 1115 (Wrenn Road)

**Project Category:** Regional Impact

**Length:** 4.52

**TIP#:** R-2300BA

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$9,900,000

### Description:

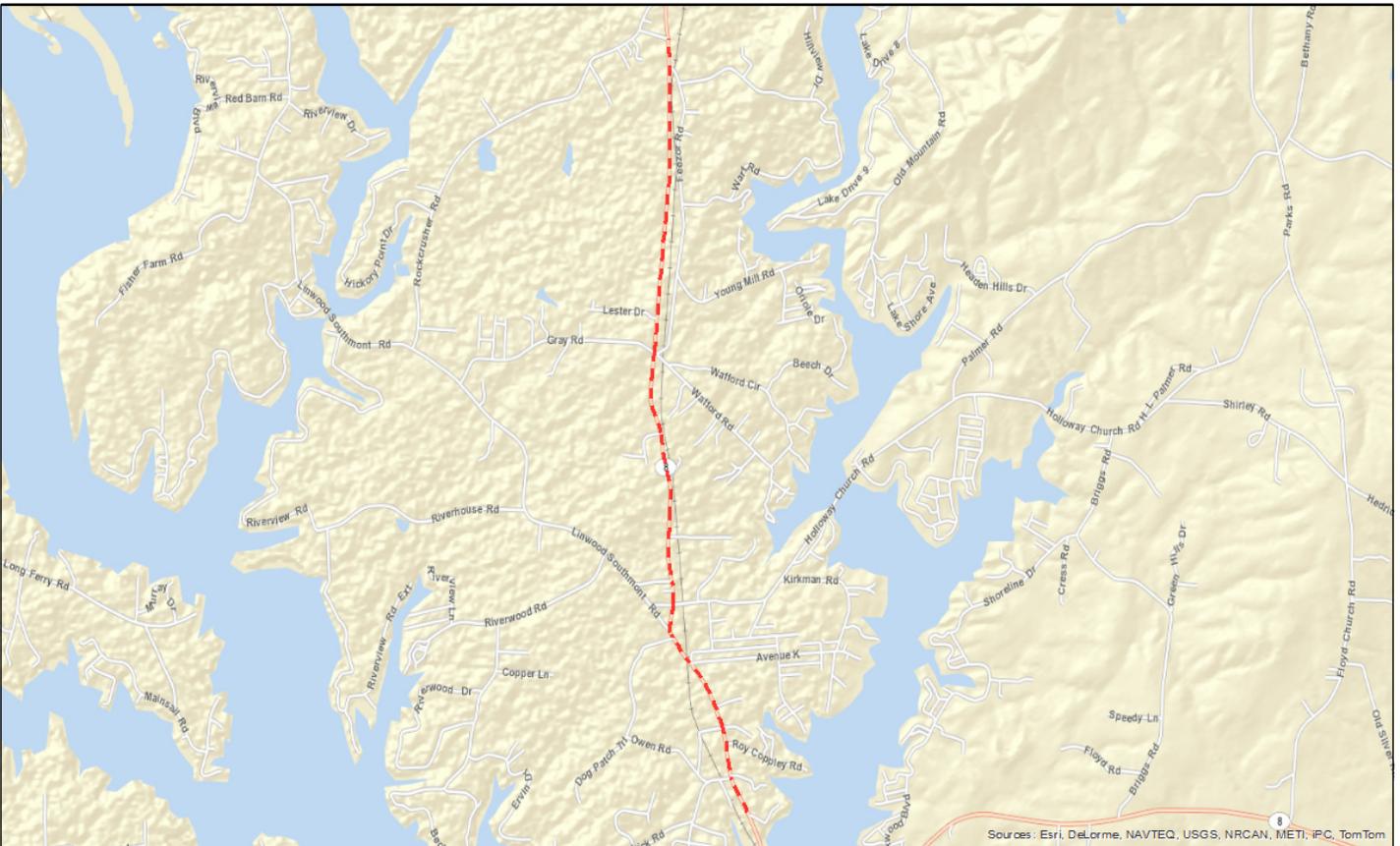
Widen to Multi-Lanes, Part on New Location

**Division(s):** Division 9

**County(s):** DAVIDSON

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

### 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
Accessibility / Connectivity (10%)      30.05	Percent: 15% Points:	Percent: 15% Points:
Safety (10%)      54.74		
Congestion (V/C) (25%)      22.51		
[Travel Time] Benefit/Cost (25%)      0.23		
<b>Totals: Weight: 70% Weighted Score: 14.16</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)      22.51	Percent: 25% Points:	Percent: 25% Points:
Safety (10%)      54.74		
[Travel Time] Benefit/Cost (20%)      0.23		
<b>Totals: Weight: 50% Weighted Score: 10.02</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.52
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5270.07
Capacity:	15500.11
Volume/Capacity Ratio:	0.34
% Autos:	93%
% Trucks:	7%
Truck Volume:	388.08
Crash Density:	54.74
Crash Severity:	69.47
Critical Crash Rate:	40.02
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	74
Actual Congested Speed:	47.29
Travel Time Index:	1.15

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.52
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:	2
Travel Time Savings for 30 Years (Total):	101355.19
Travel Time Savings for 30 Years (Autos):	93891.59
Travel Time Savings for 30 Years (Trucks):	7463.6
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:	Division 9

\* 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 9	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
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:	\$9,900,000	TIP Unit
Right-of-Way Cost:	\$0	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$9,900,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$9,900,000</b>	