



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090078-AB

**Mode:** Highway

**Status:** Submitted

## NC-8

**From/Cross Street:** SR 2504 (Hunt Road)

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

**To:** SR 2412 (Rothrock Road)

**Project Category:** Regional Impact

**Length:** 8.47

**TIP#:** R-2300AB

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$11,100,000

### 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
Safety (10%) 49.45 [Travel Time] Benefit/Cost (25%) 0.00 Congestion (V/C) (25%) 7.21 Accessibility / Connectivity (10%) 30.50	Percent: 15% Points:	Percent: 15% Points:
<b>Totals: Weight: 70% Weighted Score: 9.8</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 7.21 Safety (10%) 49.45 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
<b>Totals: Weight: 50% Weighted Score: 6.39</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.47
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1689.09
Capacity:	15500.21
Volume/Capacity Ratio:	0.11
% Autos:	93%
% Trucks:	7%
Truck Volume:	124.43
Crash Density:	57.71
Crash Severity:	19.81
Critical Crash Rate:	70.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	33
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	84
Actual Congested Speed:	47.99
Travel Time Index:	1.14

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	8.47
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:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
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?	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:	\$10,000,000	TIP Unit
Right-of-Way Cost:	\$1,100,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$11,100,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$11,100,000</b>	