



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111183

**Mode:** Highway

**Status:** Submitted

## SR-2117

**From/Cross Street:** Everette Keith Road

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** SR 2459 (Eastfield Road)

**Project Category:** Division Needs

**Length:** 1.21

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$12,486,000

### Description:

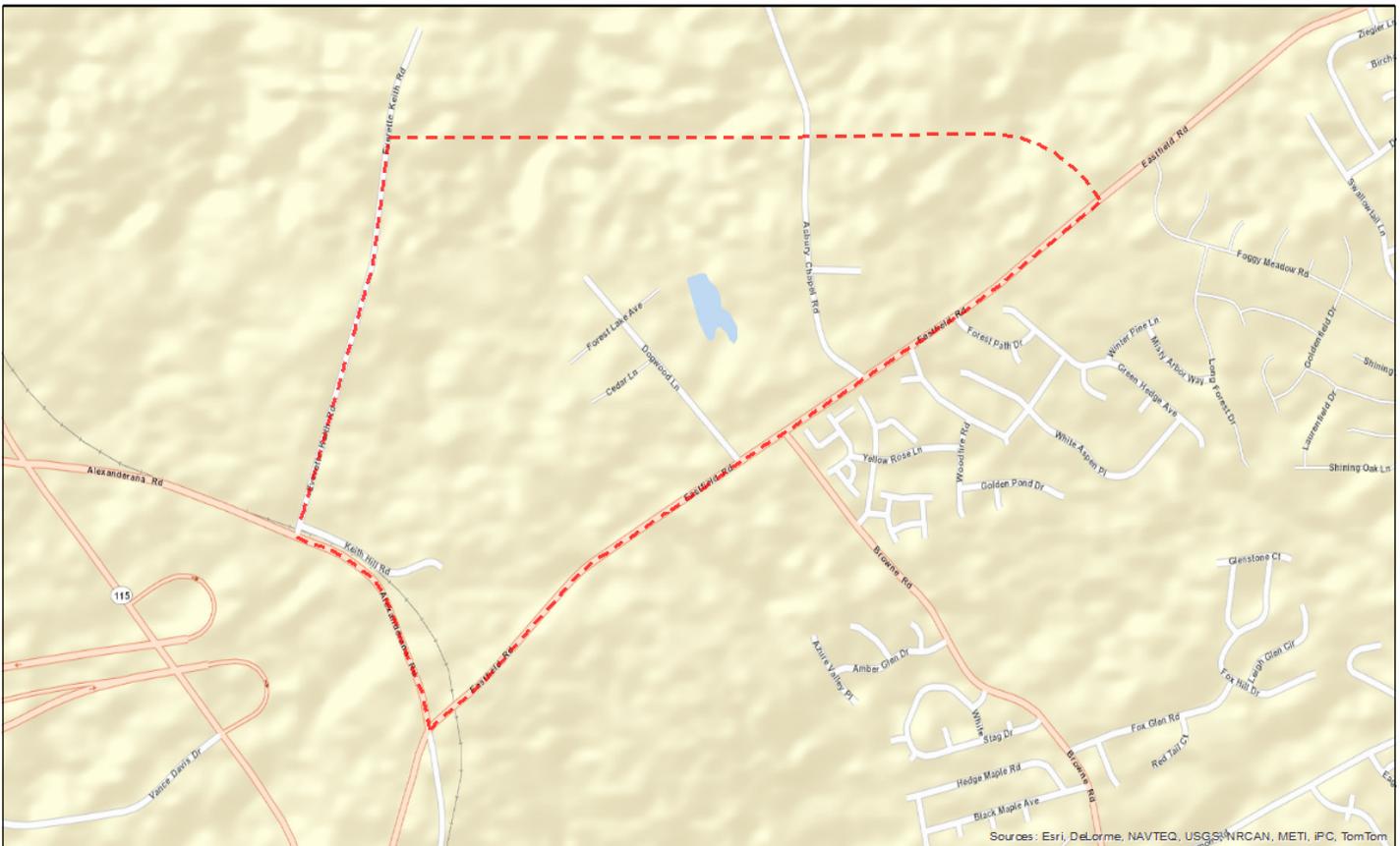
Construct New 4 Lane Road with Median, Bike Lanes and Sidewalks

**Division(s):** Division 10

**County(s):** MECKLENBURG

**MPOS(s)/RPO(s):** Charlotte Regional Transportation Planning Organization

### Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

**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
	Percent: 15% Points:	Percent: 15% Points:
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 70.08 Safety (10%) 46.15 [Travel Time] Benefit/Cost (20%) 16.71	Percent: 25% Points:	Percent: 25% Points:
<b>Totals: Weight: 50% Weighted Score: 21.97</b>		

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

Existing Cross-Section:	
Speed Limit:	42
Length (miles);	2.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	16695.84
Capacity:	15799.97
Volume/Capacity Ratio:	1.06
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	56.77
Crash Severity:	49.37
Critical Crash Rate:	32.32
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	44
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	85
Actual Congested Speed:	18.2
Travel Time Index:	1.32

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.21
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Local
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	9485377.76
Travel Time Savings for 30 Years (Autos):	9485377.76
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 10

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 10	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Charlotte Regional Transportation Planning Organization	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:	\$10,488,000	TIP Unit
Right-of-Way Cost:	\$1,784,000	Cost Estimation Tool
Utilities Cost:	\$214,000	Cost Estimation Tool
Total Project Cost:	\$12,486,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$12,486,000</b>	