



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090465

**Mode:** Highway

**Status:** Submitted

## NC-53, NC-210 (Cedar Creek Road)

**From/Cross Street:** I-95

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

**To:** NC 53-210 Junction

**Project Category:** Regional Impact

**Length:** 3.07

**TIP#:** U-4415

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$20,240,000

### Description:

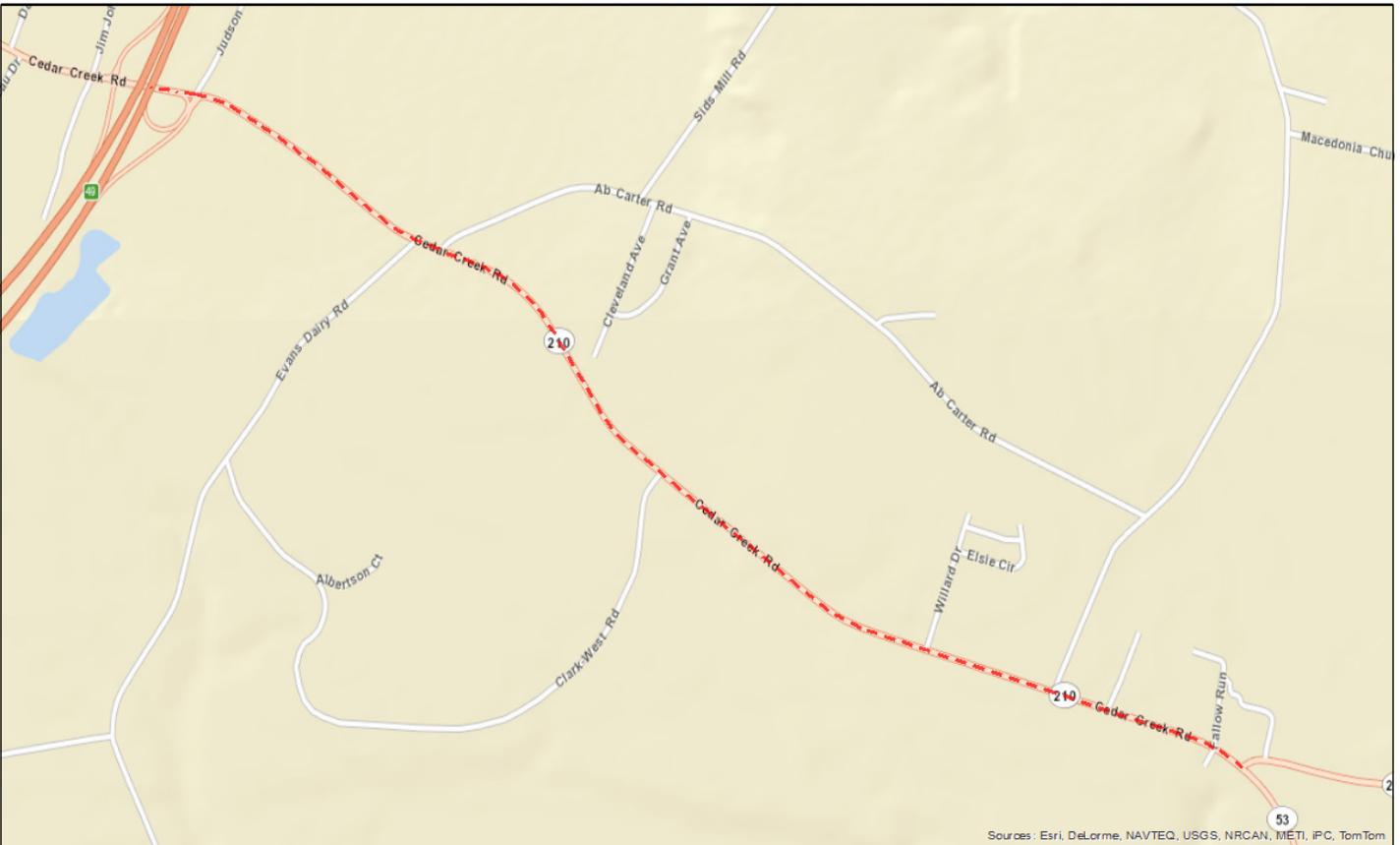
I-95 to NC 53-210 Junction. Widen to Multi-Lanes.

**Division(s):** Division 6

**County(s):** CUMBERLAND

**MPOS(s)/RPO(s):** Fayetteville 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
Congestion (V/C) (25%) 40.97	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 56.19		
[Travel Time] Benefit/Cost (25%) 0.56		
Accessibility / Connectivity (10%) 29.64		
<b>Totals: Weight: 70% Weighted Score: 18.97</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 40.97	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 56.19		
[Travel Time] Benefit/Cost (20%) 0.56		
<b>Totals: Weight: 50% Weighted Score: 13.92</b>		

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

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	3.07
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	9615.83
Capacity:	15541.08
Volume/Capacity Ratio:	0.62
% Autos:	95%
% Trucks:	5%
Truck Volume:	508.5
Crash Density:	83.54
Crash Severity:	31.68
Critical Crash Rate:	53.36
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	91
Actual Congested Speed:	45.51
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):	3.07
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	503552.55
Travel Time Savings for 30 Years (Autos):	476923.94
Travel Time Savings for 30 Years (Trucks):	26628.61
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 6

\* 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 6	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
Fayetteville 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:	\$18,468,000	TIP Unit
Right-of-Way Cost:	\$1,582,000	Cost Estimation Tool
Utilities Cost:	\$190,000	Cost Estimation Tool
Total Project Cost:	\$20,240,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$20,240,000</b>	