



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090668

**Mode:** Highway

**Status:** Submitted

## NC-20

**From/Cross Street:** Martin Luther King, Jr. Drive

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

**To:** NC 87

**Project Category:** Regional Impact

**Length:** 8.41

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$62,441,000

### Description:

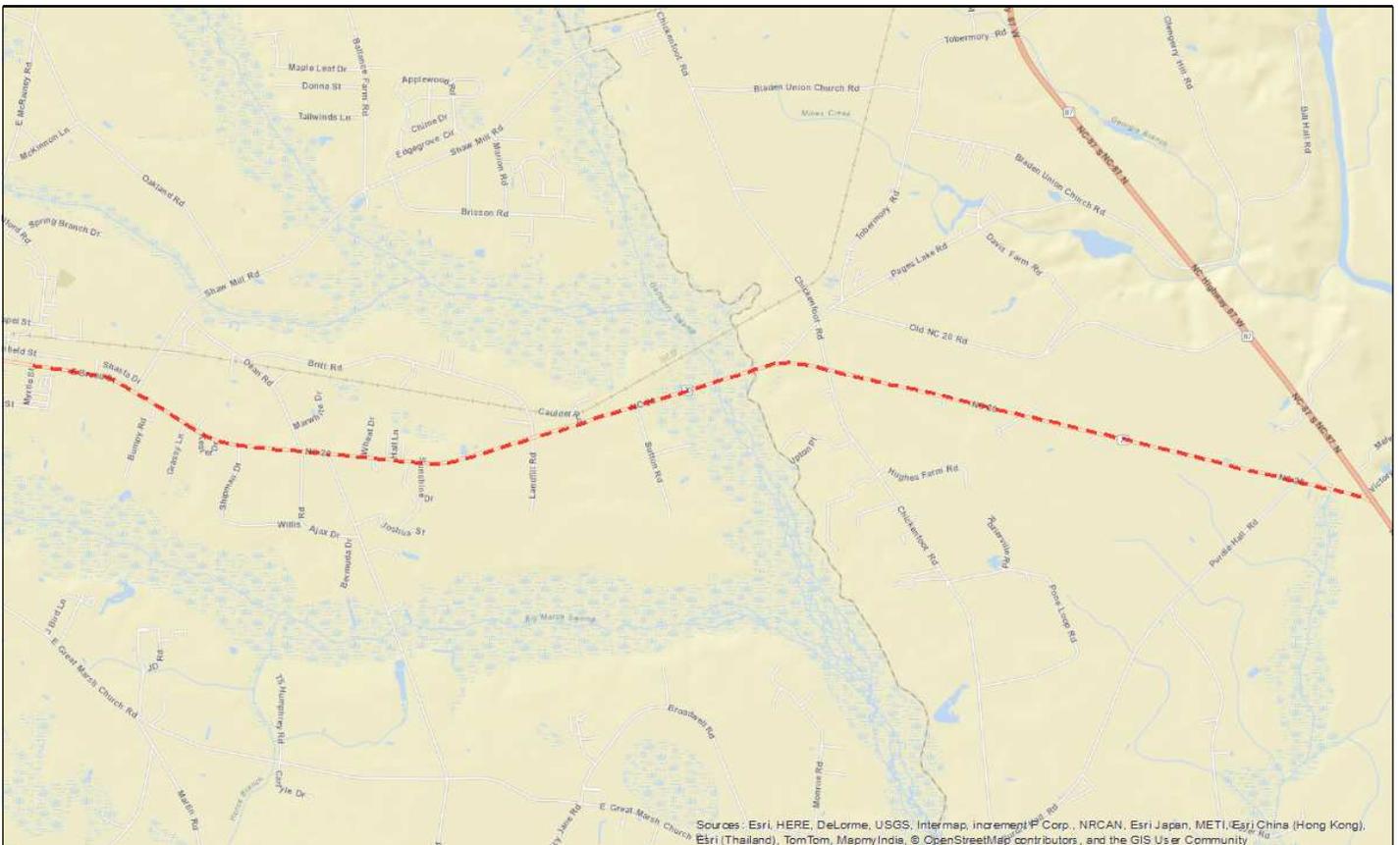
Widen NC 20 to Four Lanes from Martin Luther King, Jr. Drive in Street Pauls to NC 87 in Bladen County.

**Division(s):** Division 6

**County(s):** ROBESON, BLADEN

**MPOS(s)/RPO(s):** Lumber River RPO, Mid-Carolina 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: 28.27**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 20.05	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 60.40		
[Travel Time] Benefit/Cost (25%) 0.04		
Accessibility / Connectivity (10%) 22.08		
<b>Totals: Weight: 70% Weighted Score: 13.27</b>		

**Division Needs Total Score: 10.06**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 20.05	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 60.40		
[Travel Time] Benefit/Cost (20%) 0.04		
<b>Totals: Weight: 50% Weighted Score: 10.06</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.41
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	4694.01
Capacity:	15500.01
Volume/Capacity Ratio:	0.3
% Autos:	91%
% Trucks:	9%
Truck Volume:	411.73
Crash Density:	63.17
Crash Severity:	67.81
Critical Crash Rate:	50.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	85
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	8.41
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	112017.51
Travel Time Savings for 30 Years (Autos):	102191.92
Travel Time Savings for 30 Years (Trucks):	9825.59
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
Lumber River RPO	55%	55	0
Mid-Carolina RPO	45%	45	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$54,492,000	TIP Unit
Right-of-Way Cost:	\$7,097,000	Cost Estimation Tool
Utilities Cost:	\$852,000	Cost Estimation Tool
Total Project Cost:	\$62,441,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$62,441,000</b>	