



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090909

Mode: Highway

Status: Submitted

## NC-24 (Lejeune Boulevard)

From/Cross Street: NC 24 Business

Specific Improvement Type: 11 - Access Management

To: Urban Area Boundary

Project Category: Statewide Mobility

Length: 7.9

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$54,029,000

### Description:

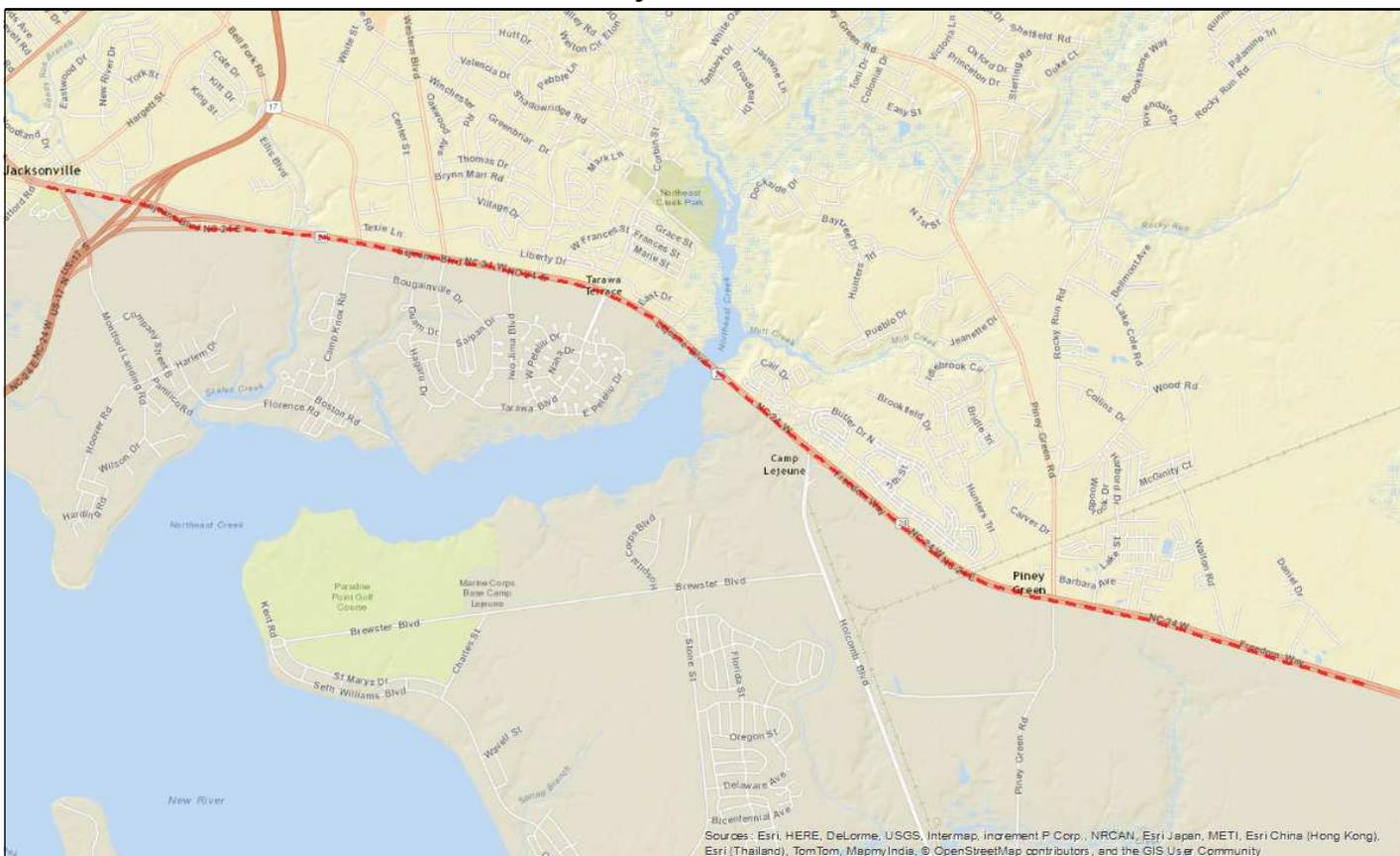
Construct Access Management, Median, Its, and Driveainage Improvements.

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

### Project Location



**Statewide Mobility Total Score: 28.56**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	45.98	N/A	N/A
Safety (10%)	68.53		
Economic Competitiveness (10%)	5.29		
Multimodal + [Freight & Military] (20%)	35.19		
[Travel Time] Benefit/Cost (30%)	1.17		
<b>Totals: Weight: 100% Weighted Score: 28.56</b>			

**Regional Impact Total Score: 56.16**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%)	68.53	Percent: 15% Points: 100	Percent: 15% Points: 100
Multimodal + [Freight & Military] (25%)	35.19		
[Travel Time] Benefit/Cost (20%)	1.17		
<b>Totals: Weight: 70% Weighted Score: 26.16</b>			

**Division Needs Total Score: 26.42**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	45.98	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (20%)	68.53		
Multimodal + [Freight & Military] (10%)	35.19		
<b>Totals: Weight: 50% Weighted Score: 26.42</b>			

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

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	7.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	37791.85
Capacity:	73473.37
Volume/Capacity Ratio:	0.51
% Autos:	95%
% Trucks:	5%
Truck Volume:	1893.96
Crash Density:	80.93
Crash Severity:	56.01
Critical Crash Rate:	68.66
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	13
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	82
Actual Congested Speed:	38.42
Travel Time Index:	1.4

**Project Benefits**

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	7.9
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2808510.81
Travel Time Savings for 30 Years (Autos):	2667760.85
Travel Time Savings for 30 Years (Trucks):	140749.96
Long-Term Employment:	45.1
% Change in Economy:	6.07E-05
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

\* 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 3	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$38,304,000	TIP Unit
Right-of-Way Cost:	\$14,040,000	Cost Estimation Tool
Utilities Cost:	\$1,685,000	Cost Estimation Tool
Total Project Cost:	\$54,029,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$54,029,000</b>	