



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090915

Mode: Highway

Status: Submitted

## NC-24 BUS (Johnson Boulevard)

From/Cross Street: US 17 Business

Specific Improvement Type: 11 - Access Management

To: NC 24

Project Category: Regional Impact

Length: 0.67

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$3,928,000

### Description:

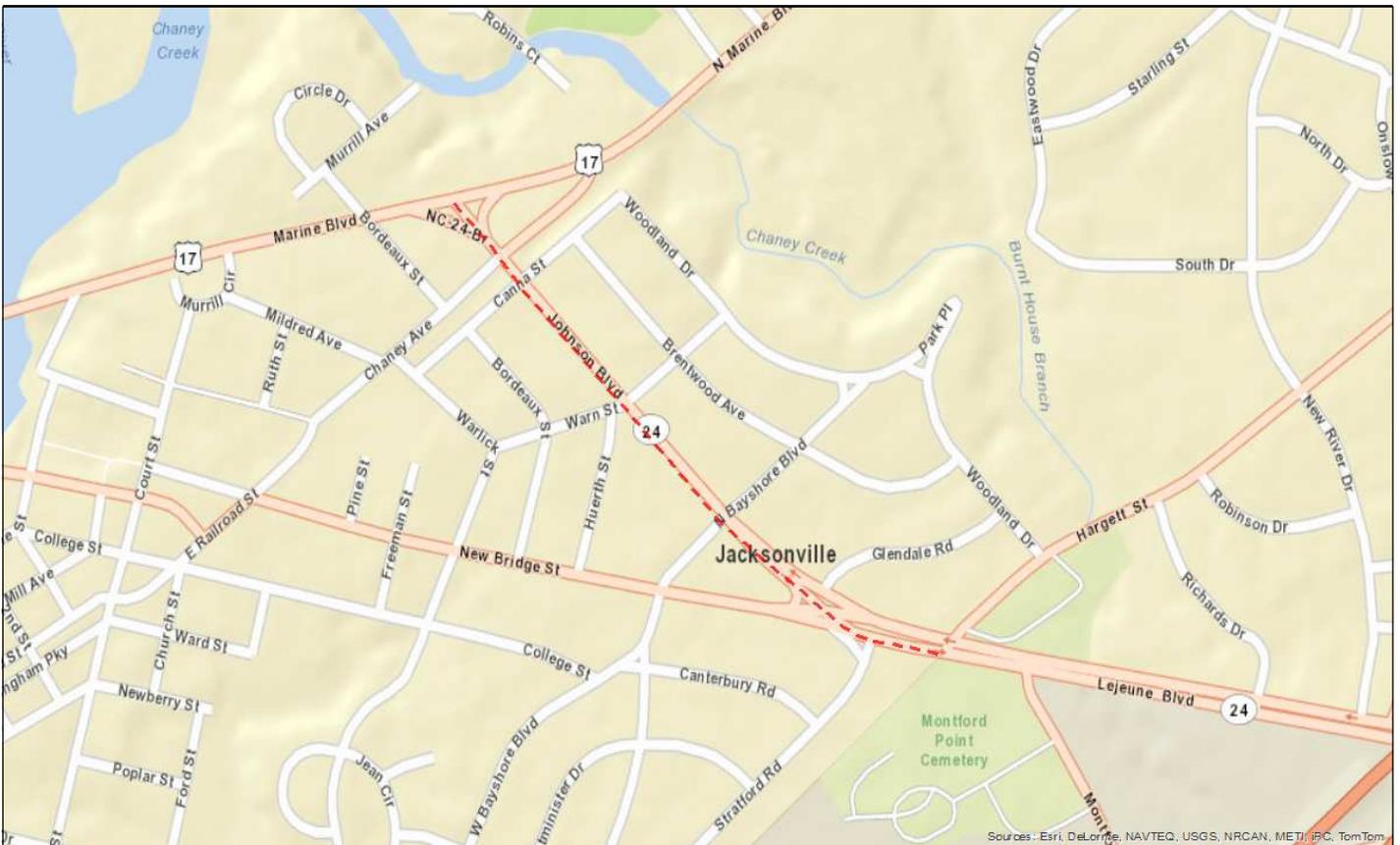
Construct Median & intersection Improvements from US 17 Business to Lejeune Boulevard.

Division(s): Division 3

County(s): ONSLOW

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

### Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, EBC, 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
Safety (25%) 35.48	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 4.13		
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 70% Weighted Score: 9.9</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 10.54	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 35.48		
Multimodal + [Freight & Military] (10%) 4.13		
<b>Totals: Weight: 50% Weighted Score: 9.62</b>		

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

Existing Cross-Section:	
Speed Limit:	35
Length (miles);	0.67
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	6258.24
Capacity:	46745.18
Volume/Capacity Ratio:	0.13
% Autos:	98%
% Trucks:	2%
Truck Volume:	156.14
Crash Density:	21.27
Crash Severity:	42.59
Critical Crash Rate:	42.59
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	15
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	43
Actual Congested Speed:	31.36
Travel Time Index:	1.12

**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):	0.67
Facility Type:	Arterial
Access Control:	None
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):	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?	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 OnLine tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	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
Jacksonville Urban 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:	\$2,394,000	TIP Unit
Right-of-Way Cost:	\$1,370,000	Cost Estimation Tool
Utilities Cost:	\$164,000	Cost Estimation Tool
Total Project Cost:	\$3,928,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$3,928,000</b>	