



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141536

**Mode:** Highway

**Status:** Submitted

## US-258 (Richlands Highway)

**From/Cross Street:** NC 53 (Burgaw Highway)

**Specific Improvement Type:** 4 - Upgrade Arterial to Superstreet

**To:** SR 1212 (Pony Farm Road)

**Project Category:** Statewide Mobility

**Length:** 2.15

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$14,614,000

### Description:

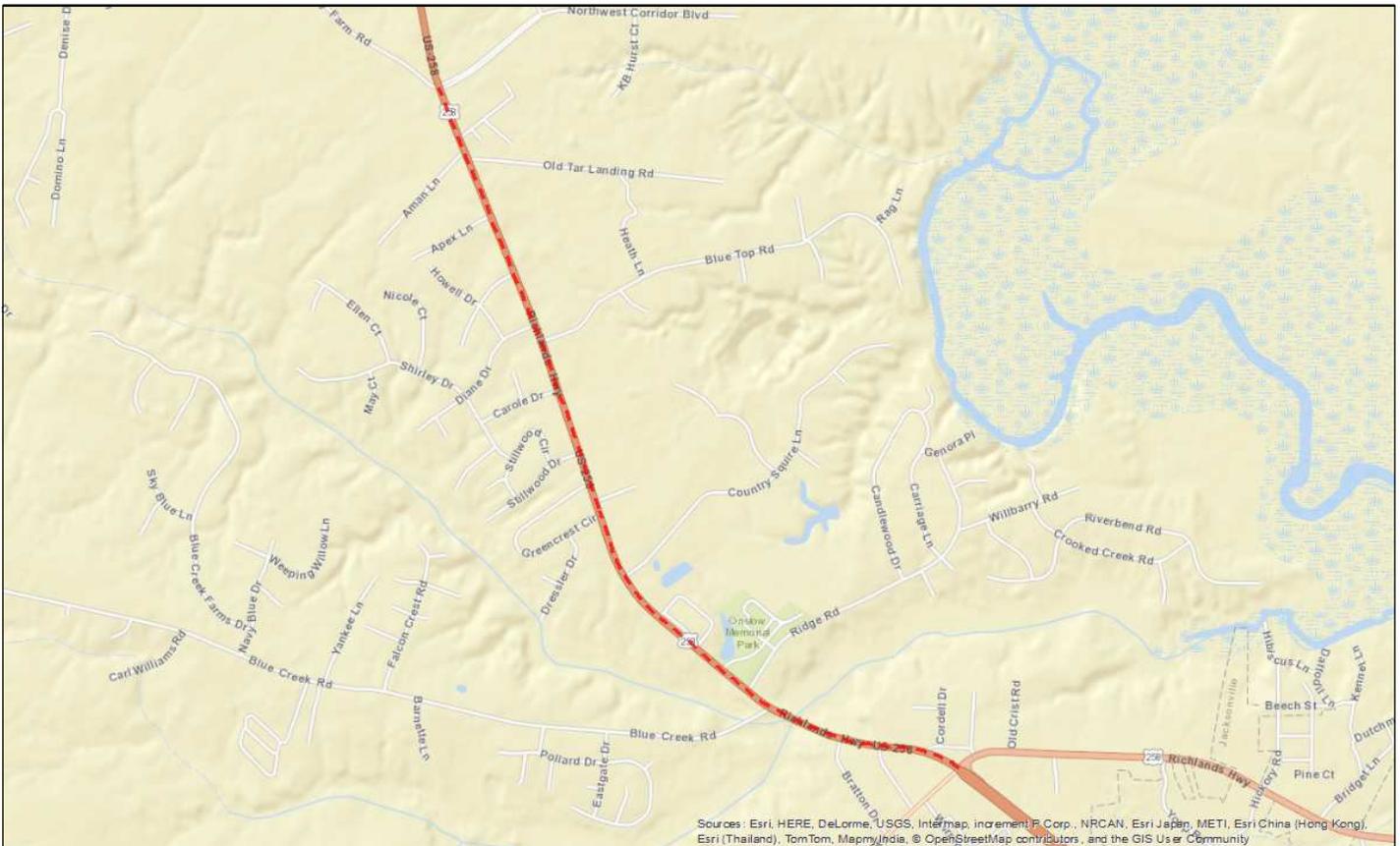
Construct a super-street design

**Division(s):** Division 3

**County(s):** ONSLOW

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

### Project Location



**Statewide Mobility Total Score: 25.35**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%)	0.00	N/A	N/A
Congestion (V/C) (30%)	40.32		
Safety (10%)	86.11		
Economic Competitiveness (10%)	0.00		
Multimodal + [Freight & Military] (20%)	23.24		
<b>Totals: Weight: 100% Weighted Score: 25.35</b>			

**Regional Impact Total Score: 57.34**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%)	86.11	Percent: 15% Points: 100	Percent: 15% Points: 100
Multimodal + [Freight & Military] (25%)	23.24		
[Travel Time] Benefit/Cost (20%)	0.00		
<b>Totals: Weight: 70% Weighted Score: 27.34</b>			

**Division Needs Total Score: 27.61**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%)	23.24	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (20%)	40.32		
Safety (20%)	86.11		
<b>Totals: Weight: 50% Weighted Score: 27.61</b>			

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.15
Facility Type:	Multi-Lane Highway
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):	31808.85
Capacity:	69160.82
Volume/Capacity Ratio:	0.46
% Autos:	93%
% Trucks:	7%
Truck Volume:	2347.83
Crash Density:	99.77
Crash Severity:	67.73
Critical Crash Rate:	90.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	96
Actual Congested Speed:	38.82
Travel Time Index:	1.42

**Project Benefits**

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	55
Length (miles):	2.15
Facility Type:	Superstreet
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):	-2258480.72
Travel Time Savings for 30 Years (Autos):	-2091781.03
Travel Time Savings for 30 Years (Trucks):	-166699.69
Long-Term Employment:	0
% Change in Economy:	0
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 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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
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:	\$12,654,000	Cost Estimation Tool
Right-of-Way Cost:	\$1,750,000	Cost Estimation Tool
Utilities Cost:	\$210,000	Cost Estimation Tool
Total Project Cost:	\$14,614,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$14,614,000</b>	