



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140347

Mode: Highway

Status: Submitted

US-258, NC-24

From/Cross Street: NC 53 (Burgaw Hwy)

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Statewide Mobility

Length: 0.5

TIP#:

Fully Funded in Draft STIP? Yes **Statewide Mobility**

Cost to NCDOT: \$465,000

Description:

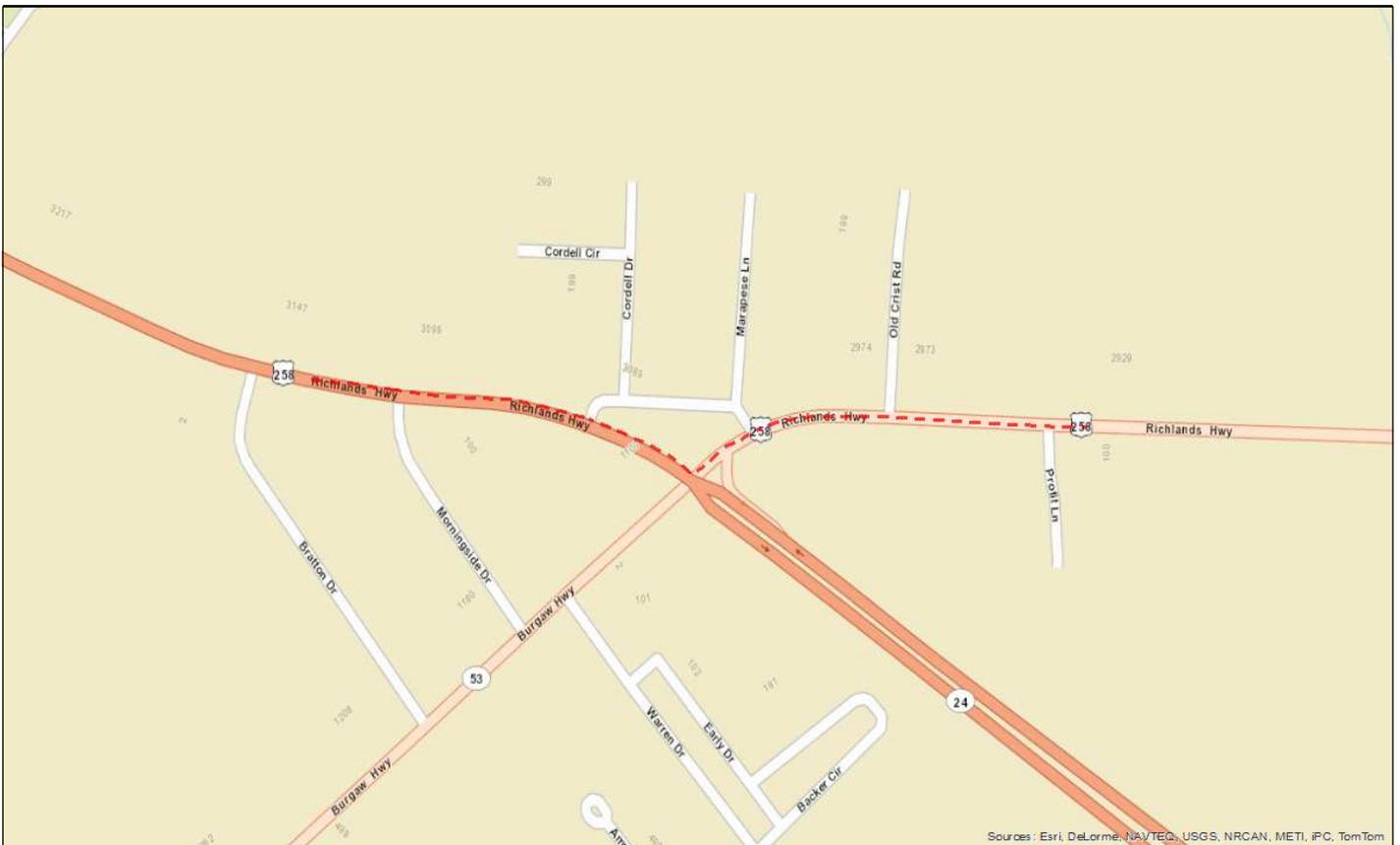
Upgrade intersection to accommodate AM/PM peak movements on US 258

Division(s): Division 3

County(s): ONSLOW

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

Project Location



Statewide Mobility Total Score: 67.77			
Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	62.67	N/A	N/A
Safety (10%)	66.65		
Economic Competitiveness (10%)	46.36		
Multimodal + [Freight & Military] (20%)	38.32		
[Travel Time] Benefit/Cost (30%)	100.00		
Totals: Weight: 100% Weighted Score: 67.77			

Regional Impact Total Score: 0			
Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	100.00	Percent: 15% Points:	Percent: 15% Points:
Safety (25%)	66.65		
Multimodal + [Freight & Military] (25%)	38.32		
Totals: Weight: 70% Weighted Score: 46.24			

Division Needs Total Score: 0			
Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	62.67	Percent: 25% Points:	Percent: 25% Points:
Safety (20%)	66.65		
Multimodal + [Freight & Military] (10%)	38.32		
Totals: Weight: 50% Weighted Score: 29.7			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	0.5
Facility Type:	Multi-Lane Highway
Access Control:	Full
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	61908.89
Capacity:	97982.03
Volume/Capacity Ratio:	0.63
% Autos:	93%
% Trucks:	7%
Truck Volume:	4505.59
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	33.3
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	85
Actual Congested Speed:	34.04
Travel Time Index:	1.32

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	24685000
Travel Time Savings for 30 Years (Autos):	22888480.56
Travel Time Savings for 30 Years (Trucks):	1796519.44
Long-Term Employment:	395.9
% Change in Economy:	0.00053133
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	JUMPO 2040 LRTP
CTP/LRTP Completion Year:	2014
Submitted by:	Jacksonville Urban MPO

* 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
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$375,000	Cost Estimation Tool
Right-of-Way Cost:	\$90,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$465,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$465,000	