



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140364

Mode: Highway

Status: Submitted

NC-53 (Western Blvd)

From/Cross Street: Jacksonville Parkway

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$698,000

Description:

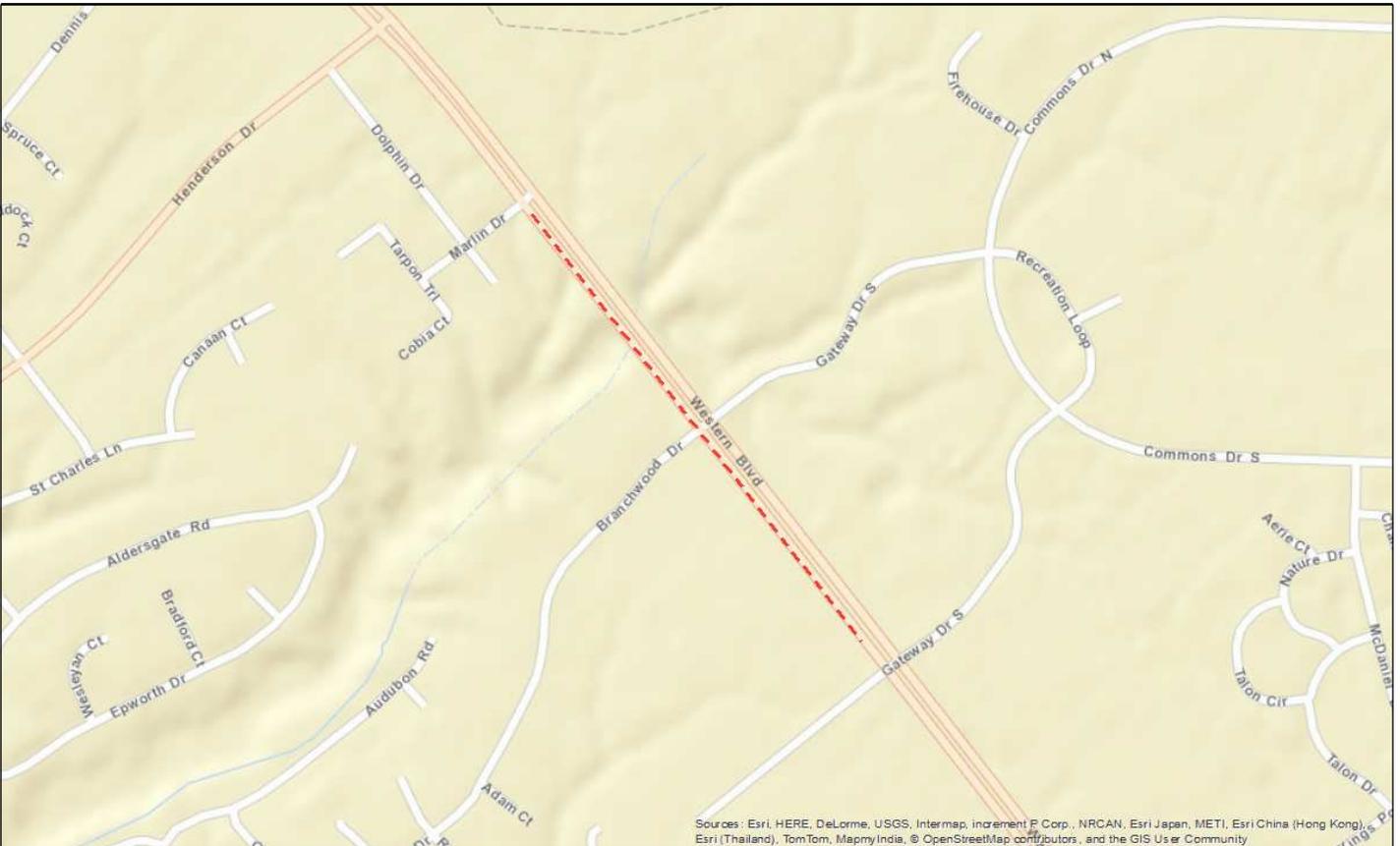
Add right turn lane on southbound NC 53; add left turn lane on northbound NC 53

Division(s): Division 3

County(s): ONSLOW

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

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 55.76

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 83.35	Percent: 15% Points: 94	Percent: 15% Points: 100
Multimodal + [Freight & Military] (25%) 5.80		
[Travel Time] Benefit/Cost (20%) 21.87		
Totals: Weight: 70% Weighted Score: 26.66		

Division Needs Total Score: 61.1

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 94.25	Percent: 25% Points: 100	Percent: 25% Points: 0
Safety (20%) 83.35		
Multimodal + [Freight & Military] (10%) 5.80		
Totals: Weight: 50% Weighted Score: 36.1		

Project Data *

Existing Conditions

Project Benefits

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	70000
Capacity:	63400
Volume/Capacity Ratio:	1.1
% Autos:	98%
% Trucks:	2%
Truck Volume:	1160
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	98
Actual Congested Speed:	28
Travel Time Index:	1.61

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
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):	689000
Travel Time Savings for 30 Years (Autos):	677582.29
Travel Time Savings for 30 Years (Trucks):	11417.71
Long-Term Employment:	
% Change in Economy:	
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%	94	100
	0%	0	0
	0%	0	0
TOTAL Division Points		94	100

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$563,000	Cost Estimation Tool
Right-of-Way Cost:	\$135,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$698,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$698,000	