



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140406

Mode: Highway

Status: Submitted

## NC-53

From/Cross Street: US 117 BUS (Walker St/Wilmington St)

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$625,000

### Description:

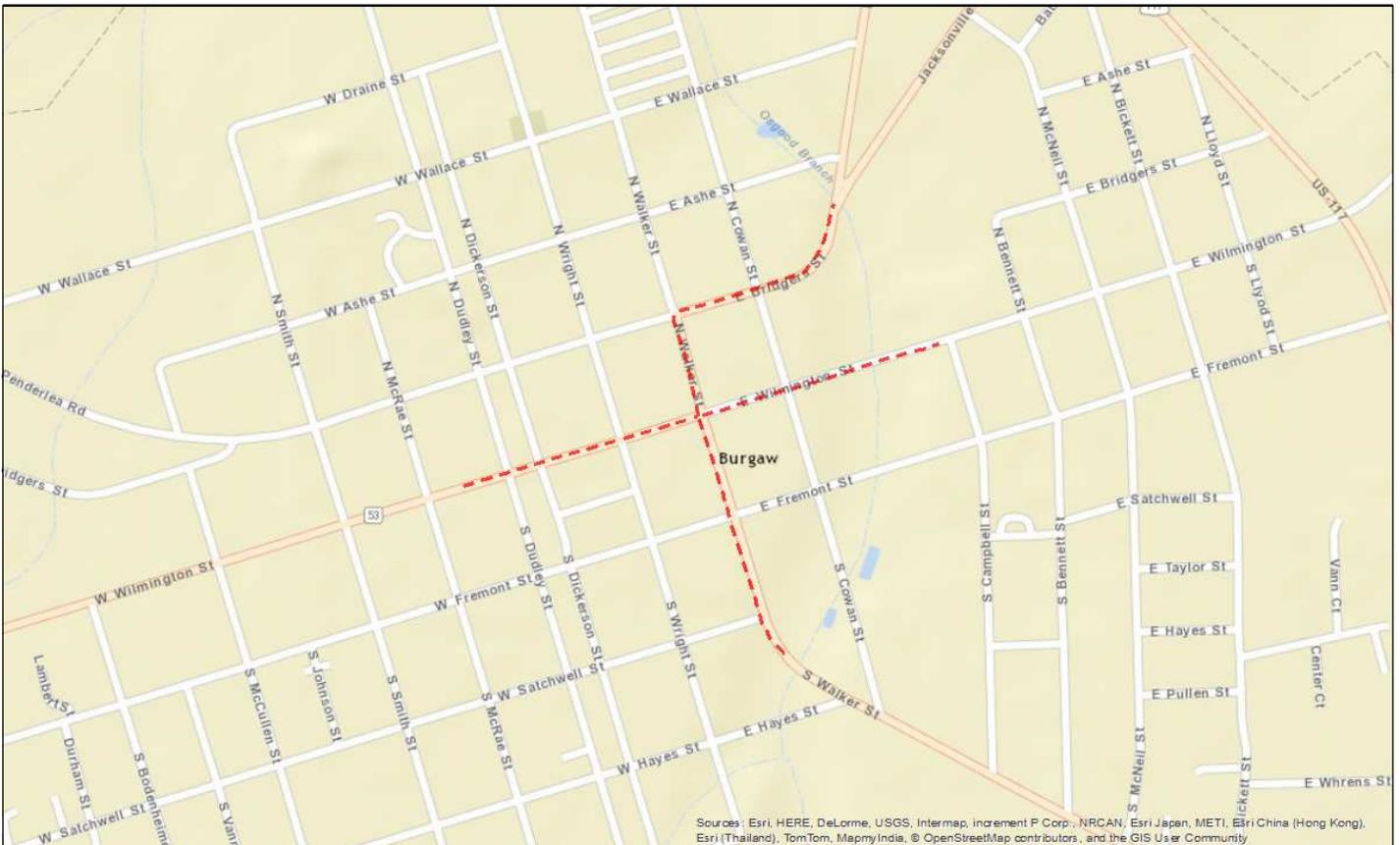
Construct a 1-lane roundabout to improve traffic flow and safety.

Division(s): Division 3

County(s): PENDER

MPOS(s)/RPO(s): Cape Fear RPO

### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**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: 59.73**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 66.65	Percent: 15% Points: 47	Percent: 15% Points: 100
Multimodal + [Freight & Military] (25%) 4.08		
[Travel Time] Benefit/Cost (20%) 100.00		
<b>Totals: Weight: 70% Weighted Score: 37.68</b>		

**Division Needs Total Score: 43.66**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 24.59	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (20%) 66.65		
Multimodal + [Freight & Military] (10%) 4.08		
<b>Totals: Weight: 50% Weighted Score: 18.66</b>		

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

Existing Cross-Section:	
Speed Limit:	35
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	10696.2
Capacity:	31599.9
Volume/Capacity Ratio:	0.34
% Autos:	92%
% Trucks:	8%
Truck Volume:	816.6
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	100
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	76
Actual Congested Speed:	0
Travel Time Index:	

**Project Benefits**

Project Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	3475000
Travel Time Savings for 30 Years (Autos):	3209700.31
Travel Time Savings for 30 Years (Trucks):	265299.69
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?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Cape Fear RPO

\* 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%	47	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>47</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$625,000	Cost Estimation Tool
Right-of-Way Cost:	\$150,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$775,000	
Other Funding:	\$150,000	Town of Burgaw Right-of-Way
<b>Cost to NCDOT :</b>	<b>\$625,000</b>	