



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111040

Mode: Highway

Status: Submitted

US-41 BUS

From/Cross Street: US 23/64/441

Specific Improvement Type: 10 - Improve Intersection

To: Porter Street

Project Category: Regional Impact

Length: 0.5

TIP#: U-5604

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,300,000

Description:

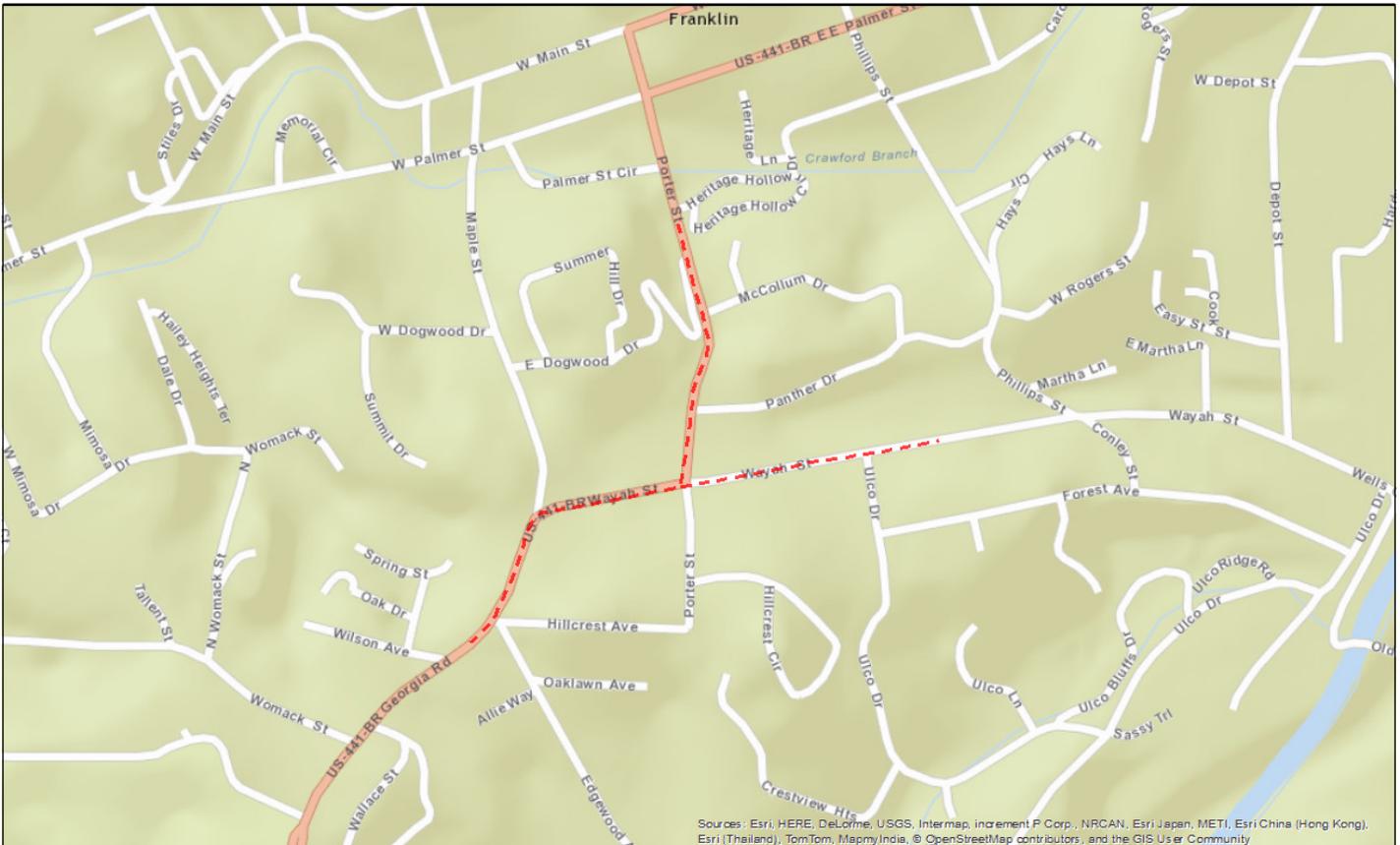
Improve intersections at Womack, Maple, Porter, and Depot Streets According to Congestion Management Study Sp-2010-43

Division(s): Division 14

County(s): MACON

MPOS(s)/RPO(s): Southwestern RPO

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: 53.2

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 14.61	Percent: 15% Points: 100	Percent: 15% Points: 100
Accessibility / Connectivity (10%) 24.14		
Congestion (V/C) (25%) 41.85		
Safety (10%) 66.70		
Totals: Weight: 70% Weighted Score: 23.2		

Division Needs Total Score: 17.96

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 41.85	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 66.70		
[Travel Time] Benefit/Cost (20%) 14.61		
Totals: Weight: 50% Weighted Score: 17.96		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	31
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	18205
Capacity:	31600
Volume/Capacity Ratio:	0.58
% Autos:	97%
% Trucks:	3%
Truck Volume:	532.62
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	89
Actual Congested Speed:	19.1
Travel Time Index:	1.83

Project Benefits

Project Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4790000
Travel Time Savings for 30 Years (Autos):	4649861.12
Travel Time Savings for 30 Years (Trucks):	140138.88
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:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 14	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$5,700,000	TIP Unit
Right-of-Way Cost:	\$1,600,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$7,300,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,300,000	