



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090149-A

Mode: Highway

Status: Submitted

US-158

From/Cross Street: SR 1333 (Mt. Caramel Road-Severn Road) East of Jackson

Specific Improvement Type: 1 - Widen Existing Roadway

To: East of SR 1500

Project Category: Statewide Mobility

Length: 8.9

TIP#: R-2584A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$35,400,000

Description:

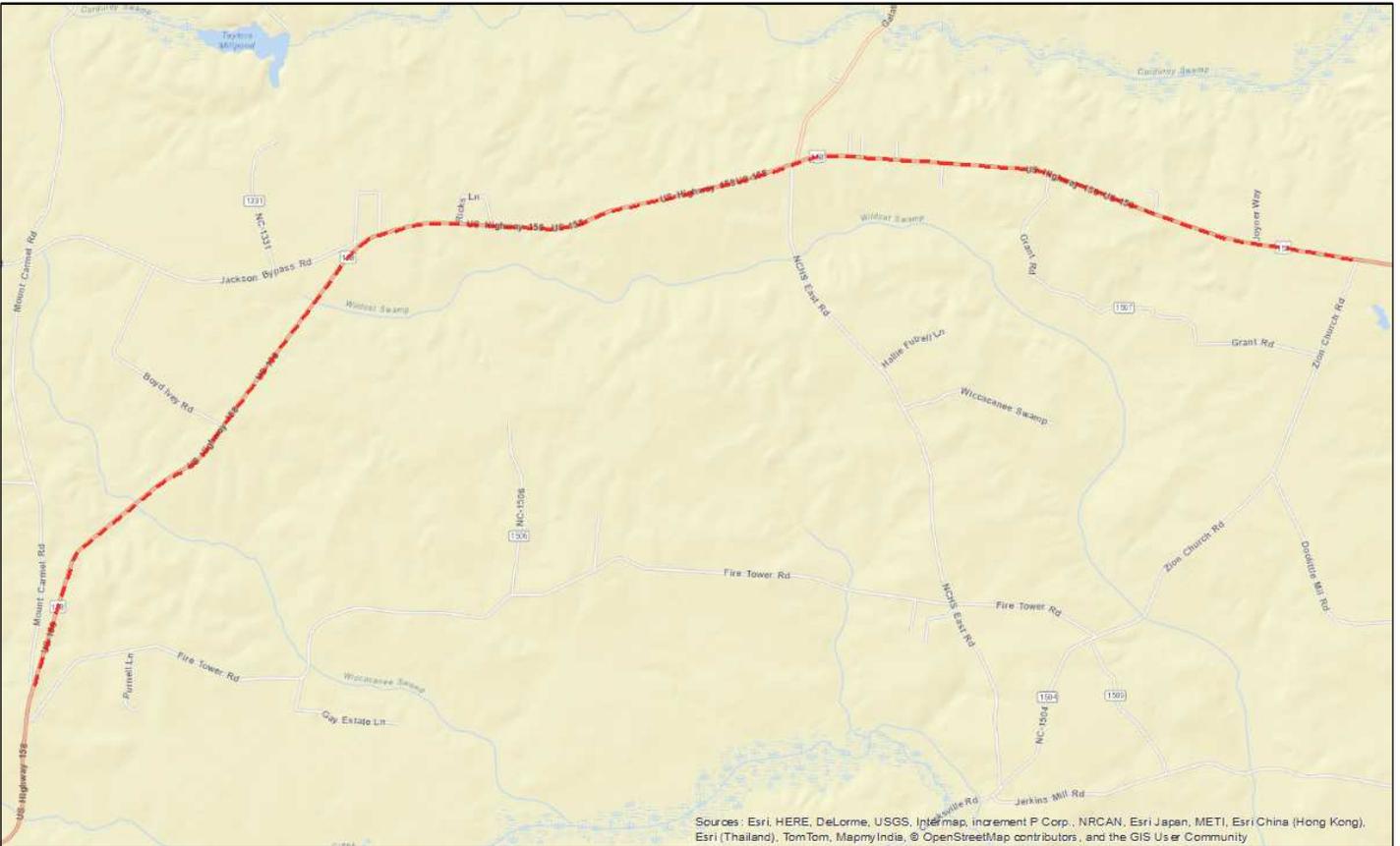
Widen to Multi-Lanes, Part on New Location.

Division(s): Division 1

County(s): NORTHAMPTON

MPOS(s)/RPO(s): Peanut Belt RPO

Project Location



Statewide Mobility Total Score: 6.77

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 11.38	N/A	N/A
Safety (10%) 29.93		
[Travel Time] Benefit/Cost (30%) 0.00		
Economic Competitiveness (10%) 0.00		
Multimodal + [Freight & Military] (20%) 1.81		
Totals: Weight: 100% Weighted Score: 6.77		

Regional Impact Total Score: 21.2

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (15%) 29.93	Percent: 15% Points: 0	Percent: 15% Points: 100
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.00		
Congestion (V/C) (15%) 11.38		
Totals: Weight: 70% Weighted Score: 6.2		

Division Needs Total Score: 4.13

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 11.38	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 29.93		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.00		
Totals: Weight: 50% Weighted Score: 4.13		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.9
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	2663.45
Capacity:	15500
Volume/Capacity Ratio:	0.17
% Autos:	86%
% Trucks:	14%
Truck Volume:	361.25
Crash Density:	31.49
Crash Severity:	30.54
Critical Crash Rate:	27.76
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	51.55
Travel Time Index:	1.07

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	8.9
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 1

* 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 1	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$31,300,000	TIP Unit
Right-of-Way Cost:	\$4,100,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$35,400,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$35,400,000	