



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090102

Mode: Highway

Status: Submitted

US-17

From/Cross Street: Washington Bypass North of NC 171

Specific Improvement Type: 1 - Widen Existing Roadway

To: Multi-Lanes South of Williamston

Project Category: Statewide Mobility

Length: 10

TIP#: R-2511

Fully Funded in Draft STIP? No

Cost to NCDOT: \$72,100,000

Description:

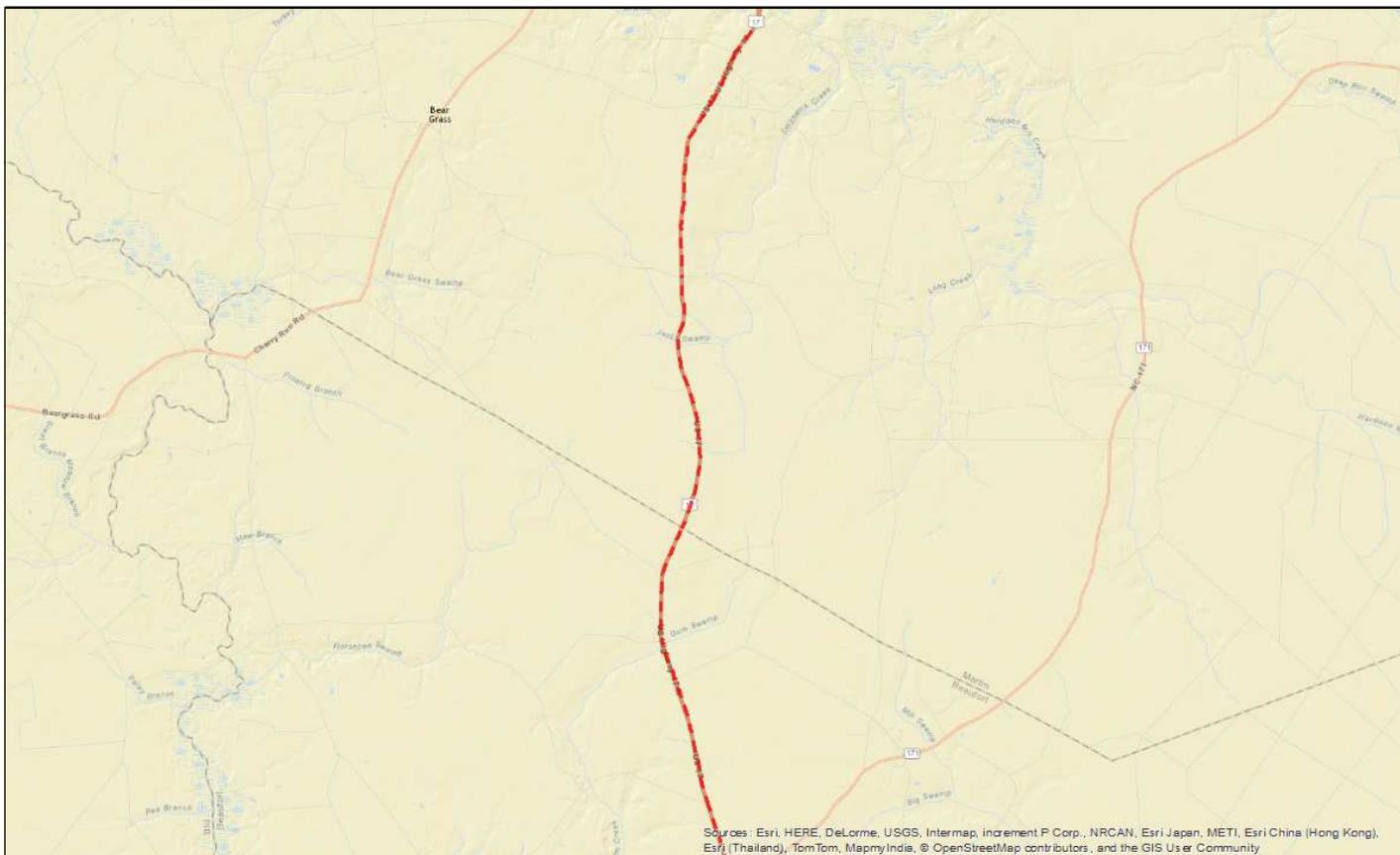
Widen to Multi-Lanes.

Division(s): Division 1, Division 2

County(s): MARTIN, BEAUFORT

MPOS(s)/RPO(s): Mid-East RPO

Project Location



Statewide Mobility Total Score: 13.74

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 21.53	N/A	N/A
Safety (10%) 49.62		
Economic Competitiveness (10%) 0.54		
Multimodal + [Freight & Military] (20%) 11.24		
[Travel Time] Benefit/Cost (30%) 0.05		
Totals: Weight: 100% Weighted Score: 13.74		

Regional Impact Total Score: 38.68

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 21.53	Percent: 15% Points: 100	Percent: 15% Points: 70
Safety (15%) 49.62		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 25.00		
[Travel Time] Benefit/Cost (20%) 0.05		
Totals: Weight: 70% Weighted Score: 13.18		

Division Needs Total Score: 9.62

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (10%) 0.05	Percent: 25% Points: 0	Percent: 25% Points: 0
Congestion (V/C) (10%) 21.53		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 25.00		
Safety (10%) 49.62		
Totals: Weight: 50% Weighted Score: 9.62		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	10
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	5039.99
Capacity:	15500
Volume/Capacity Ratio:	0.33
% Autos:	88%
% Trucks:	12%
Truck Volume:	622.98
Crash Density:	70.9
Crash Severity:	20.99
Critical Crash Rate:	57
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	93
Actual Congested Speed:	56.96
Travel Time Index:	0.96

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	10
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:	2
Travel Time Savings for 30 Years (Total):	142898.26
Travel Time Savings for 30 Years (Autos):	125234.98
Travel Time Savings for 30 Years (Trucks):	17663.28
Long-Term Employment:	2
% Change in Economy:	8.75E-06
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	62%	62	0
Division 2	38%	38	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	100%	70	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		70	0

Project Cost and Source

Construction Cost:	\$51,700,000	TIP Unit
Right-of-Way Cost:	\$16,000,000	TIP Unit
Utilities Cost:	\$4,400,000	TIP Unit
Total Project Cost:	\$72,100,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$72,100,000	