



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090103-E

Mode: Highway

Status: Submitted

US-17

From/Cross Street: SR 1130 (C.C. Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: South of SR 1127 (Possum Track Road)

Project Category: Statewide Mobility

Length: 3.85

TIP#: R-2513E

Fully Funded in Draft STIP? No

Cost to NCDOT: \$20,000,000

Description:

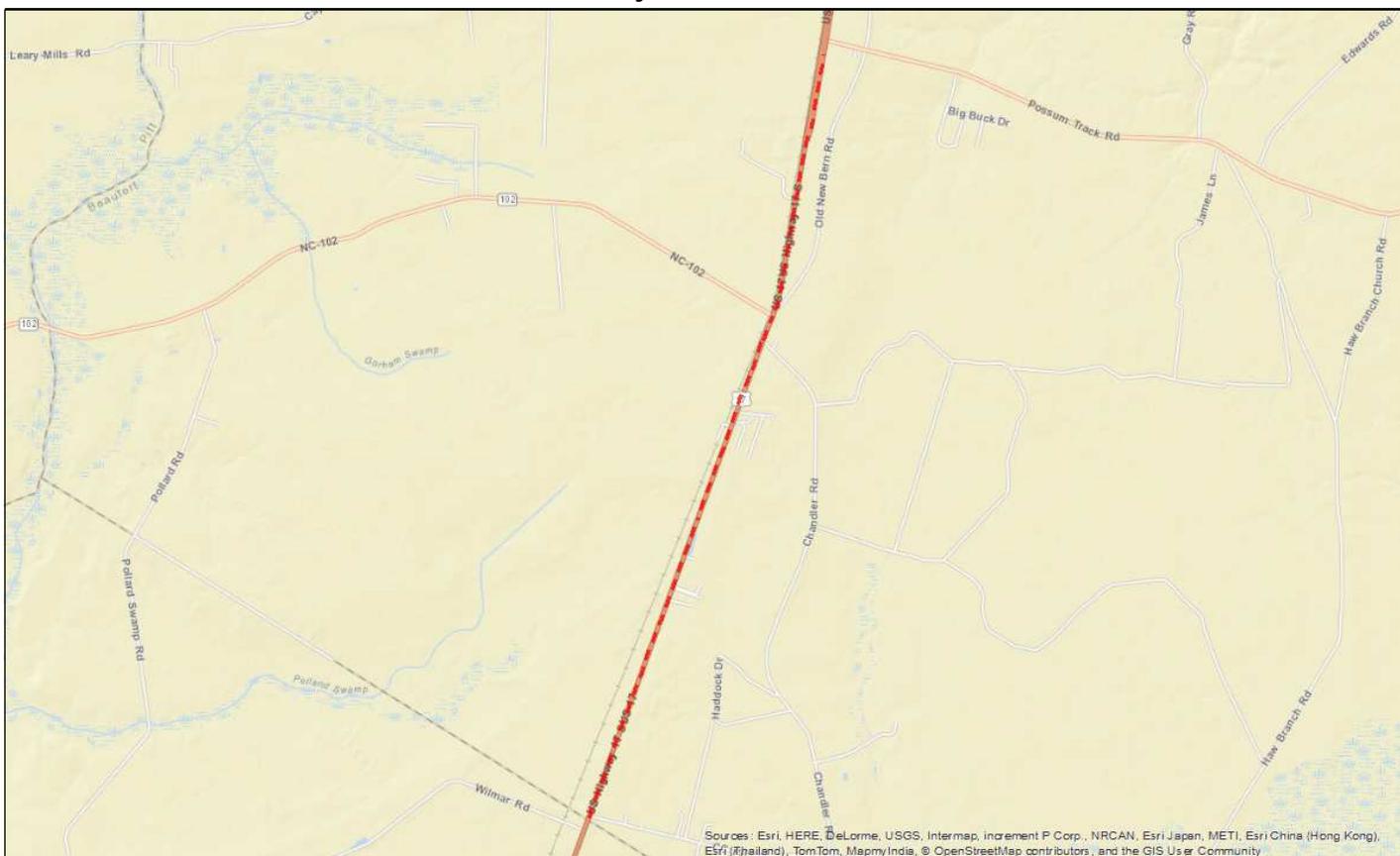
Widen to Multi-Lanes.

Division(s): Division 2

County(s): BEAUFORT

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

Project Location



Statewide Mobility Total Score: 13.52

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 0.03 Safety (10%) 64.79 Congestion (V/C) (30%) 16.67 Economic Competitiveness (10%) 0.05 Multimodal + [Freight & Military] (20%) 10.09	N/A	N/A
Totals: Weight: 100% Weighted Score: 13.52		

Regional Impact Total Score: 23.23

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 64.79 Multimodal + [Freight & Military] (25%) 10.09 [Travel Time] Benefit/Cost (20%) 0.03	Percent: 15% Points: 0	Percent: 15% Points: 30
Totals: Weight: 70% Weighted Score: 18.73		

Division Needs Total Score: 17.3

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (20%) 64.79 Multimodal + [Freight & Military] (10%) 10.09 Congestion (V/C) (20%) 16.67	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 17.3		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.85
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):	5308.52
Capacity:	21890.06
Volume/Capacity Ratio:	0.24
% Autos:	85%
% Trucks:	15%
Truck Volume:	805.67
Crash Density:	73.44
Crash Severity:	56.17
Critical Crash Rate:	64.79
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	30
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	82
Actual Congested Speed:	56.67
Travel Time Index:	0.97

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	3.85
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):	29006.44
Travel Time Savings for 30 Years (Autos):	24604.14
Travel Time Savings for 30 Years (Trucks):	4402.3
Long-Term Employment:	0
% Change in Economy:	1.04E-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 2

* 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 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-East RPO	100%	30	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		30	0

Project Cost and Source

Construction Cost:	\$16,000,000	TIP Unit
Right-of-Way Cost:	\$4,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$20,000,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$20,000,000	