



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090103-B

Mode: Highway

Status: Submitted

US-17

From/Cross Street: SR 1438 (Spruill Town Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1637 (Mill Pond Road)

Project Category: Statewide Mobility

Length: 3.21

TIP#: R-2513B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,200,000

Description:

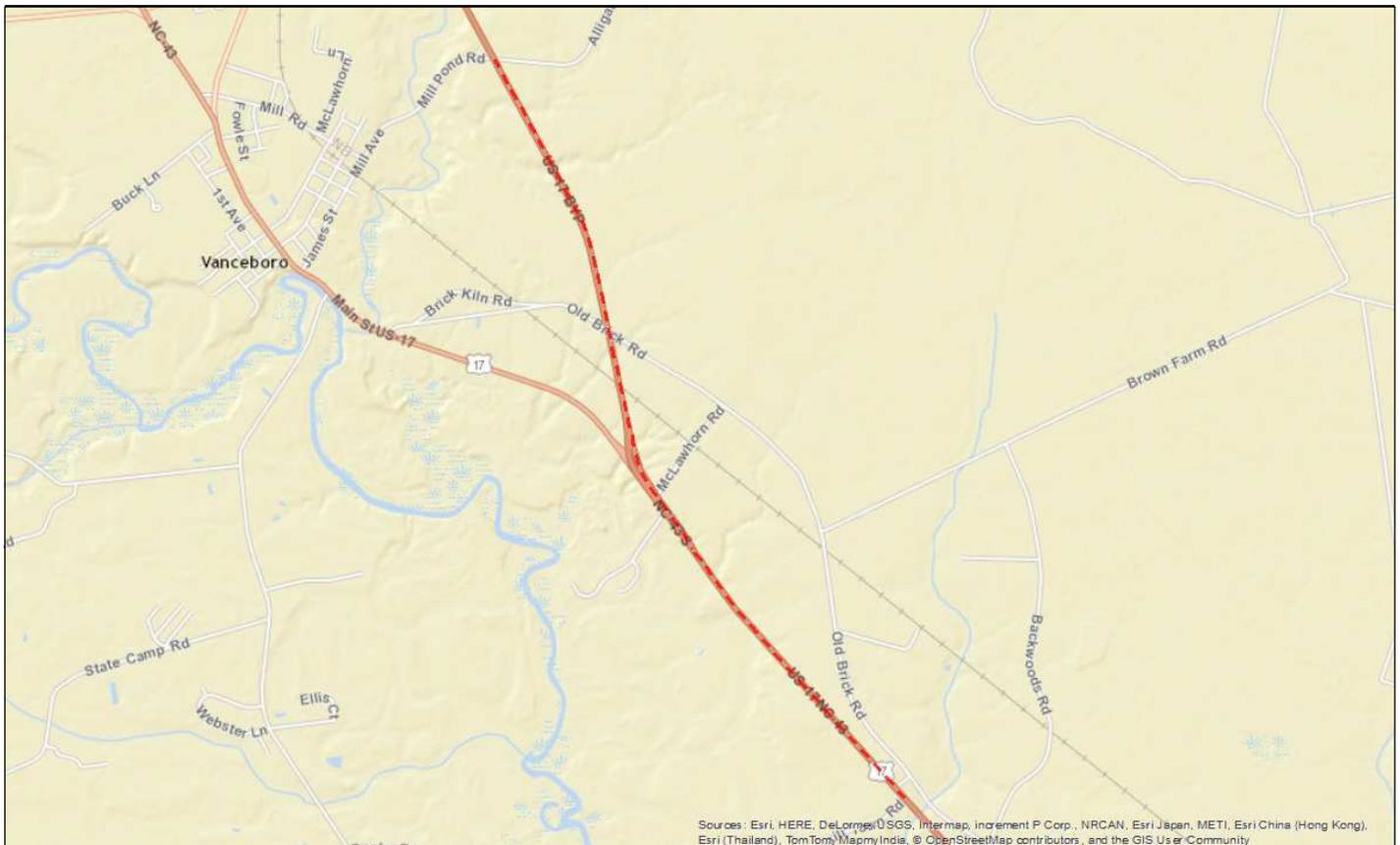
Widen to Multi-Lanes.

Division(s): Division 2

County(s): CRAVEN

MPOS(s)/RPO(s): Down East RPO

Project Location



Statewide Mobility Total Score: 12.73

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	31.53	N/A	N/A
Safety (10%)	0.00		
Economic Competitiveness (10%)	0.51		
Multimodal + [Freight & Military] (20%)	15.75		
[Travel Time] Benefit/Cost (30%)	0.24		
Totals: Weight: 100% Weighted Score: 12.73			

Regional Impact Total Score: 17.79

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%)	0.00	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%)	15.75	Points: 0	Points: 92
[Travel Time] Benefit/Cost (20%)	0.24		
Totals: Weight: 70% Weighted Score: 3.99			

Division Needs Total Score: 7.88

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%)	15.75	Percent: 25%	Percent: 25%
Congestion (V/C) (20%)	31.53	Points: 0	Points: 0
Safety (20%)	0.00		
Totals: Weight: 50% Weighted Score: 7.88			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.21
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):	7382.19
Capacity:	15500.09
Volume/Capacity Ratio:	0.48
% Autos:	90%
% Trucks:	10%
Truck Volume:	769.07
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	34.72
Travel Time Index:	1.04

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	3.21
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):	201452.47
Travel Time Savings for 30 Years (Autos):	180465.4
Travel Time Savings for 30 Years (Trucks):	20987.07
Long-Term Employment:	3
% Change in Economy:	7.13E-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
Down East RPO	100%	92	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		92	0

Project Cost and Source

Construction Cost:	\$14,200,000	TIP Unit
Right-of-Way Cost:	\$5,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$19,200,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$19,200,000	