



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090103-A

Mode: Highway

Status: Submitted

US-17

From/Cross Street: NC 43

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1438 (Spruill town Road)

Project Category: Statewide Mobility

Length: 1.86

TIP#: R-2513A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$13,470,000

Description:

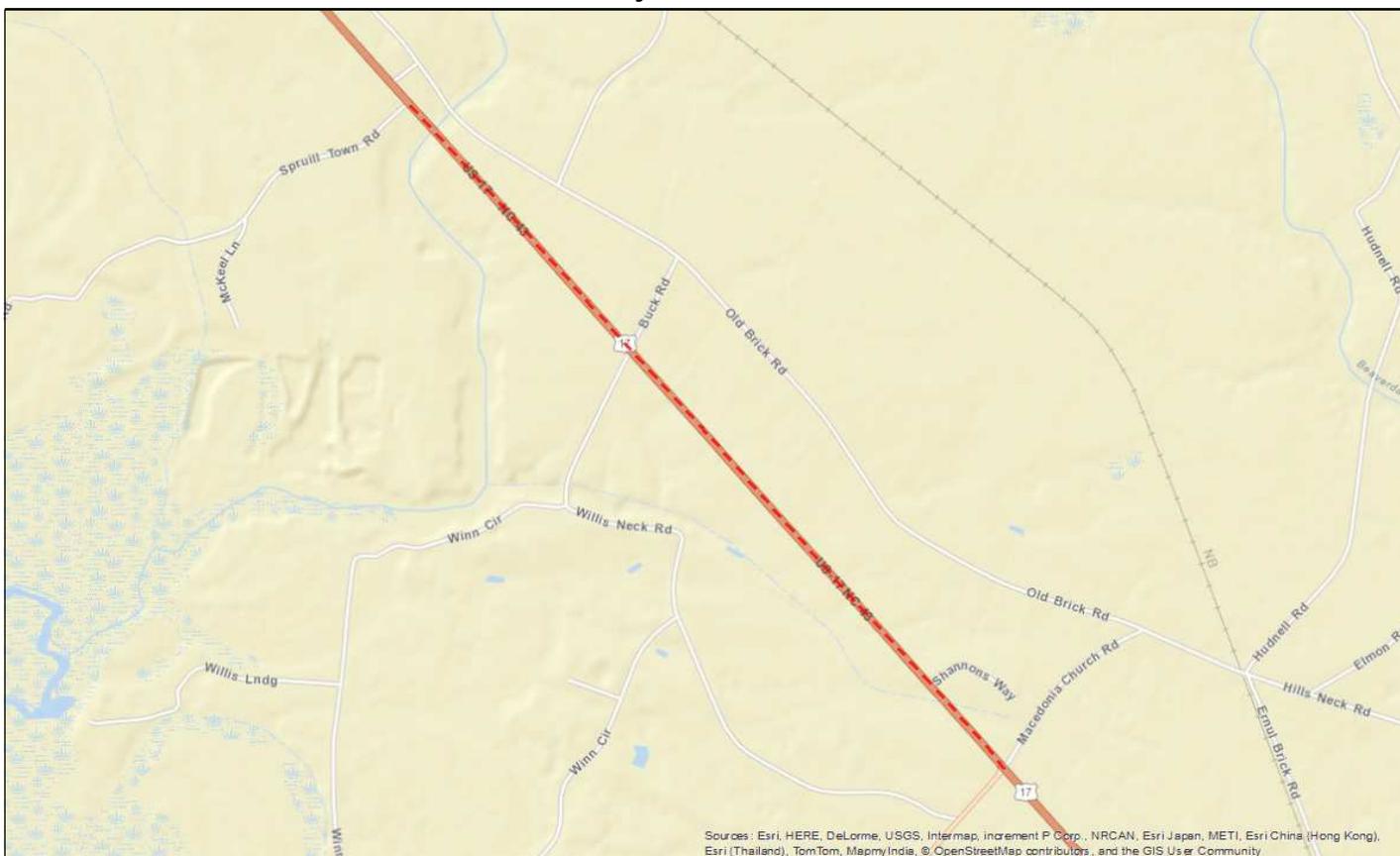
SR 1438 (Spruill town Road) to South of SR 1127 (Possum Track Road). Widen to Multi-Lanes. Section A: NC 43 to SR 1438 (Spruill town Road). Widen to Multi-Lanes

Division(s): Division 2

County(s): CRAVEN

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

Project Location



Statewide Mobility Total Score: 19

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (20%) 22.54	N/A	N/A
Congestion (V/C) (30%) 46.97		
Safety (10%) 0.00		
Economic Competitiveness (10%) 1.37		
[Travel Time] Benefit/Cost (30%) 0.88		
Totals: Weight: 100% Weighted Score: 19		

Regional Impact Total Score: 19.61

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.88	Percent: 15% Points: 0	Percent: 15% Points: 92
Safety (25%) 0.00		
Multimodal + [Freight & Military] (25%) 22.54		
Totals: Weight: 70% Weighted Score: 5.81		

Division Needs Total Score: 11.65

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 46.97	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (20%) 0.00		
Multimodal + [Freight & Military] (10%) 22.54		
Totals: Weight: 50% Weighted Score: 11.65		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	1.86
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):	10998.33
Capacity:	15500
Volume/Capacity Ratio:	0.71
% Autos:	91%
% Trucks:	9%
Truck Volume:	959.85
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:	0.21
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):	1.86
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:	4
Travel Time Savings for 30 Years (Total):	522208.9
Travel Time Savings for 30 Years (Autos):	476634.31
Travel Time Savings for 30 Years (Trucks):	45574.59
Long-Term Employment:	9
% Change in Economy:	1.84E-05
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:	\$9,462,000	TIP Unit
Right-of-Way Cost:	\$3,579,000	Cost Estimation Tool
Utilities Cost:	\$429,000	Cost Estimation Tool
Total Project Cost:	\$13,470,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,470,000	