



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129206

Mode: Highway

Status: Submitted

I-95

From/Cross Street: North of NC 481

Specific Improvement Type: 1 - Widen Existing Roadway

To: Halifax/Northampton County Line

Project Category: Statewide Mobility

Length: 19.71

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$436,486,000

Description:

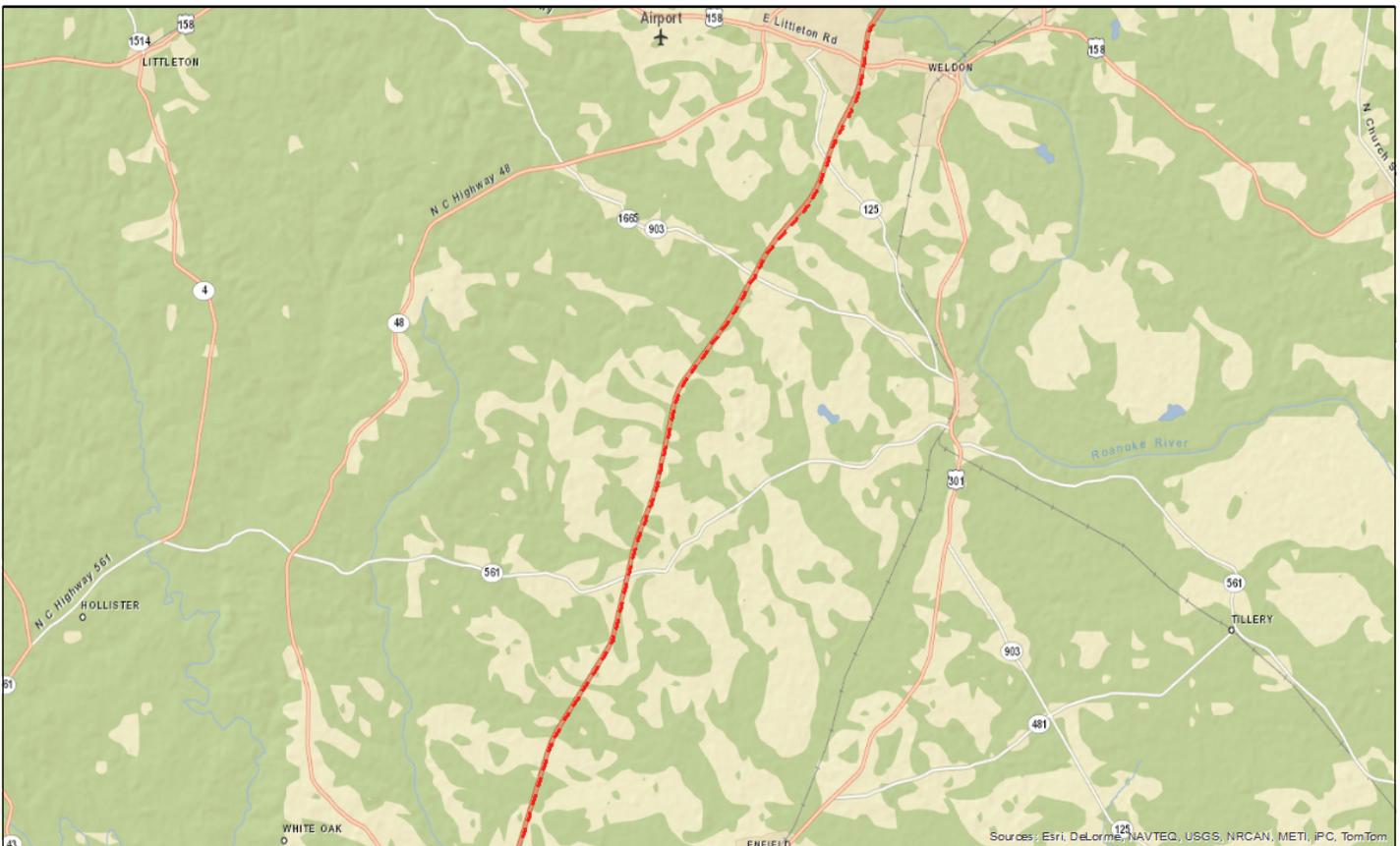
Widen Roadway to 6 Lanes.

Division(s): Division 4

County(s): HALIFAX

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

Project Location



Statewide Mobility Total Score: 27.8

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	48.85	N/A	N/A
Safety (10%)	62.44		
Economic Competitiveness (10%)	10.00		
Multimodal + [Freight & Military] (20%)	29.18		
[Travel Time] Benefit/Cost (30%)	0.22		
Totals: Weight: 100% Weighted Score: 27.8			

Regional Impact Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	0.22	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (15%)	48.85		
Safety (15%)	62.44		
Lane Width (10%)	0.00		
[Paved] Shoulder Width (10%)	0.00		
Totals: Weight: 70% Weighted Score: 16.74			

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%)	48.85	Percent: 25% Points:	Percent: 25% Points:
[Paved] Shoulder Width (10%)	0.00		
[Travel Time] Benefit/Cost (10%)	0.22		
Safety (10%)	62.44		
Lane Width (10%)	0.00		
Totals: Weight: 50% Weighted Score: 11.15			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles):	19.71
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	11
Roadway has Curb & Gutter?	No
Volume (AADT):	37259.42
Capacity:	65860.92
Volume/Capacity Ratio:	0.57
% Autos:	84%
% Trucks:	16%
Truck Volume:	5835.76
Crash Density:	61.01
Crash Severity:	61.96
Critical Crash Rate:	64.38
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	95
Actual Congested Speed:	64.74
Travel Time Index:	1.08

Project Benefits

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	19.71
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	4092207.9
Travel Time Savings for 30 Years (Autos):	3451265.69
Travel Time Savings for 30 Years (Trucks):	640942.21
Long-Term Employment:	68
% Change in Economy:	0.00013193
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* 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 4	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%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$434,340,000	TIP Unit
Right-of-Way Cost:	\$1,916,000	Cost Estimation Tool
Utilities Cost:	\$230,000	Cost Estimation Tool
Total Project Cost:	\$436,486,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$436,486,000	