



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129208

**Mode:** Highway

**Status:** Submitted

## I-95

**From/Cross Street:** Halifax/Northampton County Line

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Virginia State Line

**Project Category:** Statewide Mobility

**Length:** 7.5

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$301,845,000

### Description:

Widen Roadway to 6 Lanes.

**Division(s):** Division 1, Division 4

**County(s):** NORTHAMPTON, HALIFAX

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

### Project Location



**Statewide Mobility Total Score: 28.42**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%)	47.90	N/A	N/A
Safety (10%)	59.84		
Economic Competitiveness (10%)	3.81		
Multimodal + [Freight & Military] (20%)	38.26		
[Travel Time] Benefit/Cost (30%)	0.10		
<b>Totals: Weight: 100% Weighted Score: 28.42</b>			

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (15%)	47.90	Percent: 15%	Percent: 15%
Safety (15%)	59.84	Points:	Points:
Lane Width (10%)	0.00		
[Travel Time] Benefit/Cost (20%)	0.10		
[Paved] Shoulder Width (10%)	0.00		
<b>Totals: Weight: 70% Weighted Score: 16.18</b>			

**Division Needs Total Score: 0**

<b>Quantitative Score</b>		<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (10%)	47.90	Percent: 25%	Percent: 25%
Safety (10%)	59.84	Points:	Points:
Lane Width (10%)	0.00		
[Paved] Shoulder Width (10%)	0.00		
[Travel Time] Benefit/Cost (10%)	0.10		
<b>Totals: Weight: 50% Weighted Score: 10.78</b>			

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles):	7.5
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):	36362.56
Capacity:	65408.41
Volume/Capacity Ratio:	0.56
% Autos:	79%
% Trucks:	21%
Truck Volume:	7651.87
Crash Density:	57.64
Crash Severity:	53.2
Critical Crash Rate:	68.7
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	93
Actual Congested Speed:	64.5
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):	7.5
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):	1215991.31
Travel Time Savings for 30 Years (Autos):	960106.99
Travel Time Savings for 30 Years (Trucks):	255884.32
Long-Term Employment:	19
% Change in Economy:	5.72E-05
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 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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 1	100%	0	0
	0%	0	0
Division 4	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Peanut Belt RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$300,960,000	TIP Unit
Right-of-Way Cost:	\$790,000	Cost Estimation Tool
Utilities Cost:	\$95,000	Cost Estimation Tool
Total Project Cost:	\$301,845,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$301,845,000</b>	