



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129124

**Mode:** Highway

**Status:** Submitted

## US-70 (New Route - Havelock Bypass)

**From/Cross Street:** North of Pine Grove

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** North of Carteret County Line

**Project Category:** Statewide Mobility

**Length:** 9.2

**TIP#:** R-1015

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$172,270,000

### Description:

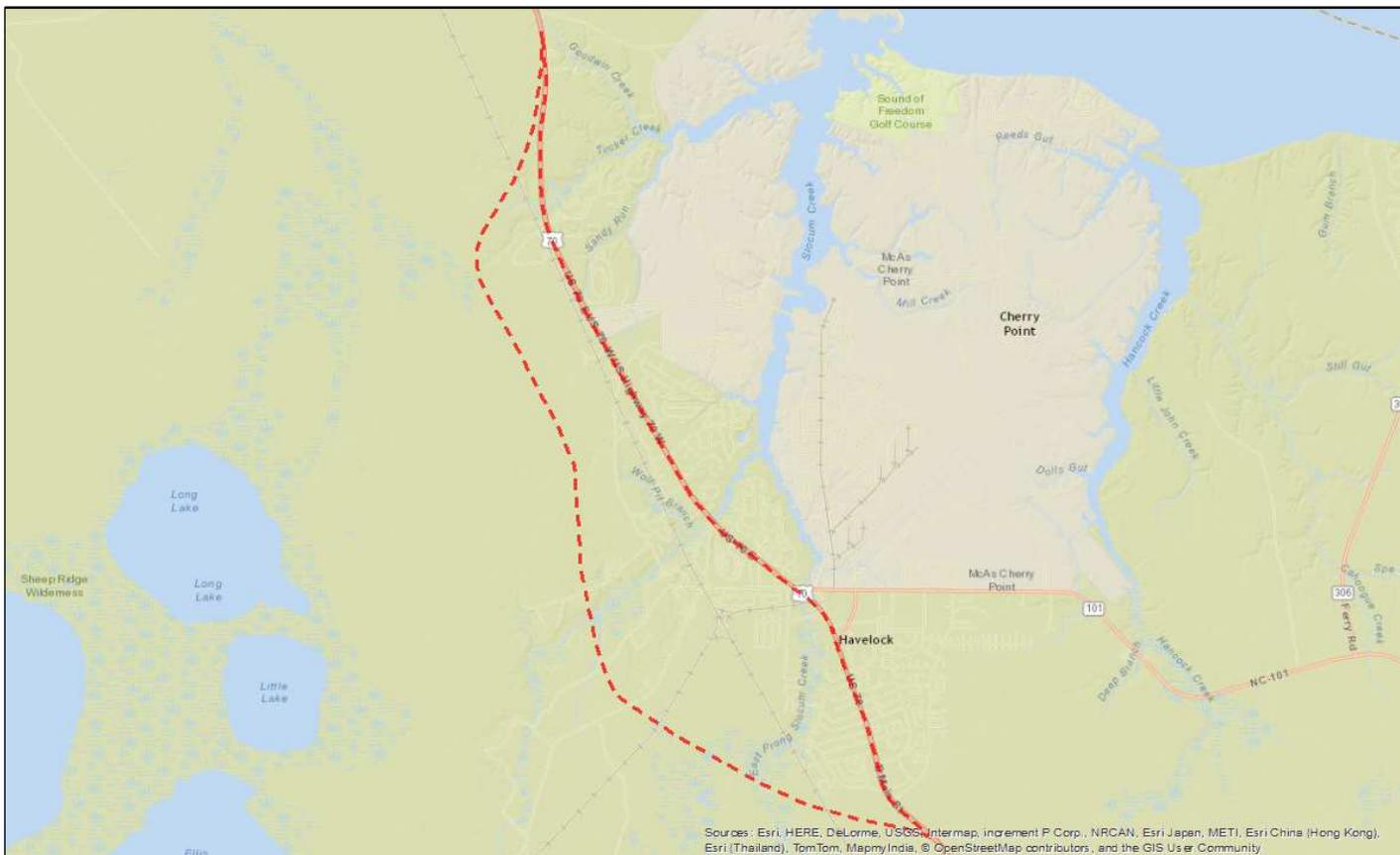
Construct Freeway on New Location.

**Division(s):** Division 2

**County(s):** CRAVEN

**MPOS(s)/RPO(s):** Down East RPO, New Bern MPO

### Project Location



**Statewide Mobility Total Score: 37.25**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 51.19 Safety (10%) 71.29 Economic Competitiveness (10%) 82.21 Multimodal + [Freight & Military] (20%) 25.95 [Travel Time] Benefit/Cost (30%) 4.51	N/A	N/A
<b>Totals: Weight: 100% Weighted Score: 37.25</b>		

**Regional Impact Total Score: 55.21**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 71.29 Multimodal + [Freight & Military] (25%) 25.95 [Travel Time] Benefit/Cost (20%) 4.51	Percent: 15% Points: 100	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 25.21</b>		

**Division Needs Total Score: 76.84**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 51.19 Safety (20%) 71.29 Multimodal + [Freight & Military] (10%) 25.95	Percent: 25% Points: 100	Percent: 25% Points: 99
<b>Totals: Weight: 50% Weighted Score: 27.09</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.3
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	27908.88
Capacity:	41838.14
Volume/Capacity Ratio:	0.67
% Autos:	93%
% Trucks:	7%
Truck Volume:	1854.14
Crash Density:	79.21
Crash Severity:	59.57
Critical Crash Rate:	75.13
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	89
Actual Congested Speed:	47.67
Travel Time Index:	1.15

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	9.2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial-Other Freeway
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	34368217.39
Travel Time Savings for 30 Years (Autos):	32084945.17
Travel Time Savings for 30 Years (Trucks):	2283272.22
Long-Term Employment:	524
% Change in Economy:	0.00112028
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 Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 2	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Down East RPO	85%	85	85
New Bern MPO	15%	15	14
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>99</b>

**Project Cost and Source**

Construction Cost:	\$160,000,000	TIP Unit
Right-of-Way Cost:	\$11,425,000	TIP Unit
Utilities Cost:	\$845,000	TIP Unit
Total Project Cost:	\$172,270,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$172,270,000</b>	