



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129202

Mode: Highway

Status: Submitted

## I-95

From/Cross Street: I-40

Specific Improvement Type: 1 - Widen Existing Roadway

To: North of NC 222

Project Category: Statewide Mobility

Length: 26.77

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$324,342,000

### Description:

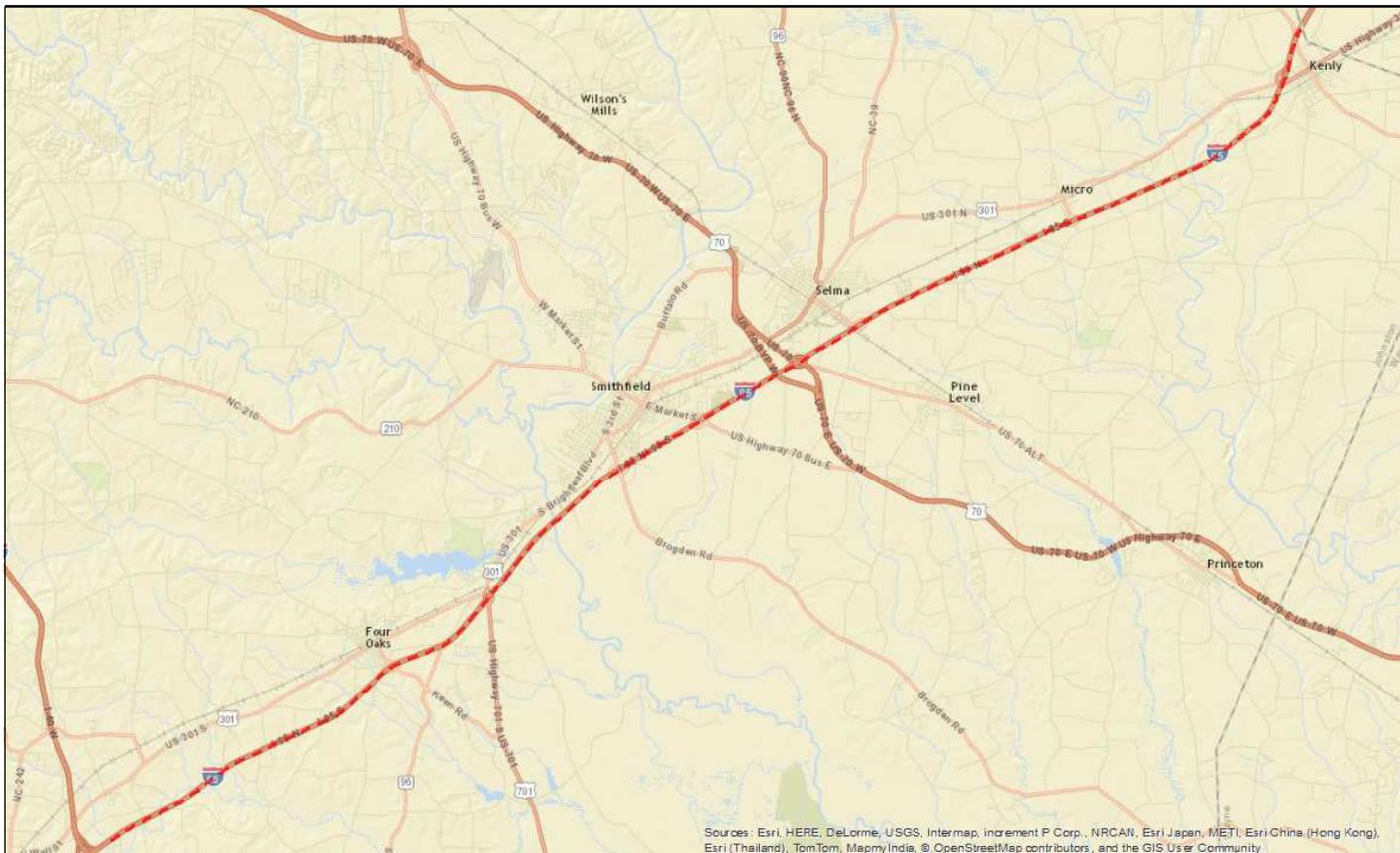
Widen Roadway to 6 Lanes.

Division(s): Division 4

County(s): JOHNSTON, WILSON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

### Project Location



**Statewide Mobility Total Score: 27.68**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	42.46	N/A	N/A
Safety (10%)	60.60		
Economic Competitiveness (10%)	27.49		
Multimodal + [Freight & Military] (20%)	29.44		
[Travel Time] Benefit/Cost (30%)	0.81		
<b>Totals: Weight: 100% Weighted Score: 27.68</b>			

**Regional Impact Total Score: 30.62**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%)	42.46	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (15%)	60.60		
Lane Width (10%)	0.00		
[Paved] Shoulder Width (10%)	0.00		
[Travel Time] Benefit/Cost (20%)	0.81		
<b>Totals: Weight: 70% Weighted Score: 15.62</b>			

**Division Needs Total Score: 10.39**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%)	42.46	Percent: 25% Points: 0	Percent: 25% Points: 0
[Travel Time] Benefit/Cost (10%)	0.81		
[Paved] Shoulder Width (10%)	0.00		
Safety (10%)	60.60		
Lane Width (10%)	0.00		
<b>Totals: Weight: 50% Weighted Score: 10.39</b>			

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

Existing Cross-Section:	
Speed Limit:	65
Length (miles):	26.77
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	34377.28
Capacity:	71837.53
Volume/Capacity Ratio:	0.48
% Autos:	83%
% Trucks:	17%
Truck Volume:	5888.83
Crash Density:	60.13
Crash Severity:	56.16
Critical Crash Rate:	65.51
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	82
Actual Congested Speed:	64.9
Travel Time Index:	1

**Project Benefits**

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	26.77
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):	11201768.26
Travel Time Savings for 30 Years (Autos):	9282905.66
Travel Time Savings for 30 Years (Trucks):	1918862.6
Long-Term Employment:	187
% Change in Economy:	0.00036284
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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 4	100%	0	0
	0%	0	0
	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>
Upper Coastal Plain RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$318,060,000	TIP Unit
Right-of-Way Cost:	\$5,609,000	Cost Estimation Tool
Utilities Cost:	\$673,000	Cost Estimation Tool
Total Project Cost:	\$324,342,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$324,342,000</b>	