



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129204

Mode: Highway

Status: Submitted

I-95

From/Cross Street: North SR 1001

Specific Improvement Type: 1 - Widen Existing Roadway

To: South of SR 1604

Project Category: Statewide Mobility

Length: 19.04

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$444,862,000

Description:

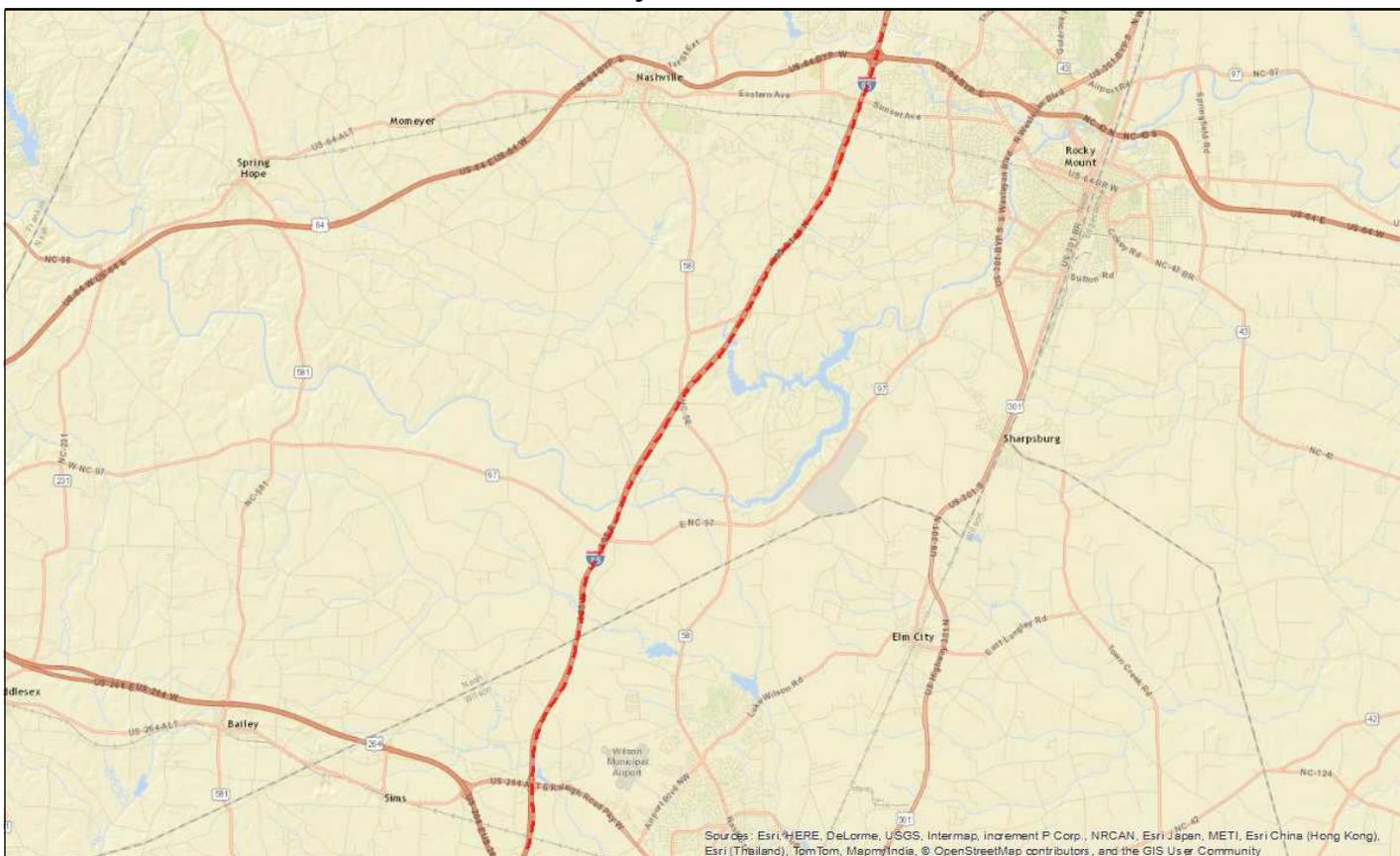
Widen Roadway to 6 Lanes.

Division(s): Division 4

County(s): NASH, WILSON

MPOS(s)/RPO(s): Rocky Mount Urban Area MPO, Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 23.86

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 44.04	N/A	N/A
Safety (10%) 49.04		
Economic Competitiveness (10%) 5.26		
Multimodal + [Freight & Military] (20%) 25.89		
[Travel Time] Benefit/Cost (30%) 0.11		
Totals: Weight: 100% Weighted Score: 23.86		

Regional Impact Total Score: 19.39

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 44.04	Percent: 15% Points: 0	Percent: 15% Points: 36
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.11		
Safety (15%) 49.04		
Totals: Weight: 70% Weighted Score: 13.99		

Division Needs Total Score: 9.32

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 44.04	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 49.04		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.11		
Totals: Weight: 50% Weighted Score: 9.32		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles);	19.04
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	12
Roadway has Curb & Gutter?	No
Volume (AADT):	33767.25
Capacity:	66344.83
Volume/Capacity Ratio:	0.51
% Autos:	85%
% Trucks:	15%
Truck Volume:	5177.8
Crash Density:	44.62
Crash Severity:	51.8
Critical Crash Rate:	50.73
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	80
Actual Congested Speed:	65.8
Travel Time Index:	1.06

Project Benefits

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	19.04
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	2148749.65
Travel Time Savings for 30 Years (Autos):	1819264.76
Travel Time Savings for 30 Years (Trucks):	329484.89
Long-Term Employment:	36
% Change in Economy:	6.92E-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 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
Rocky Mount Urban Area MPO	64%	0	0
Upper Coastal Plain RPO	36%	36	0
	0%	0	0
TOTAL MPO/RPO Points		36	0

Project Cost and Source

Construction Cost:	\$442,320,000	TIP Unit
Right-of-Way Cost:	\$2,270,000	Cost Estimation Tool
Utilities Cost:	\$272,000	Cost Estimation Tool
Total Project Cost:	\$444,862,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$444,862,000	