



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129200-C

Mode: Highway

Status: Submitted

I-95

From/Cross Street: US 301 (Exit 22)

Specific Improvement Type: 1 - Widen Existing Roadway

To: Robeson/Cumberland County Line

Project Category: Statewide Mobility

Length: 13.61

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$164,338,000

Description:

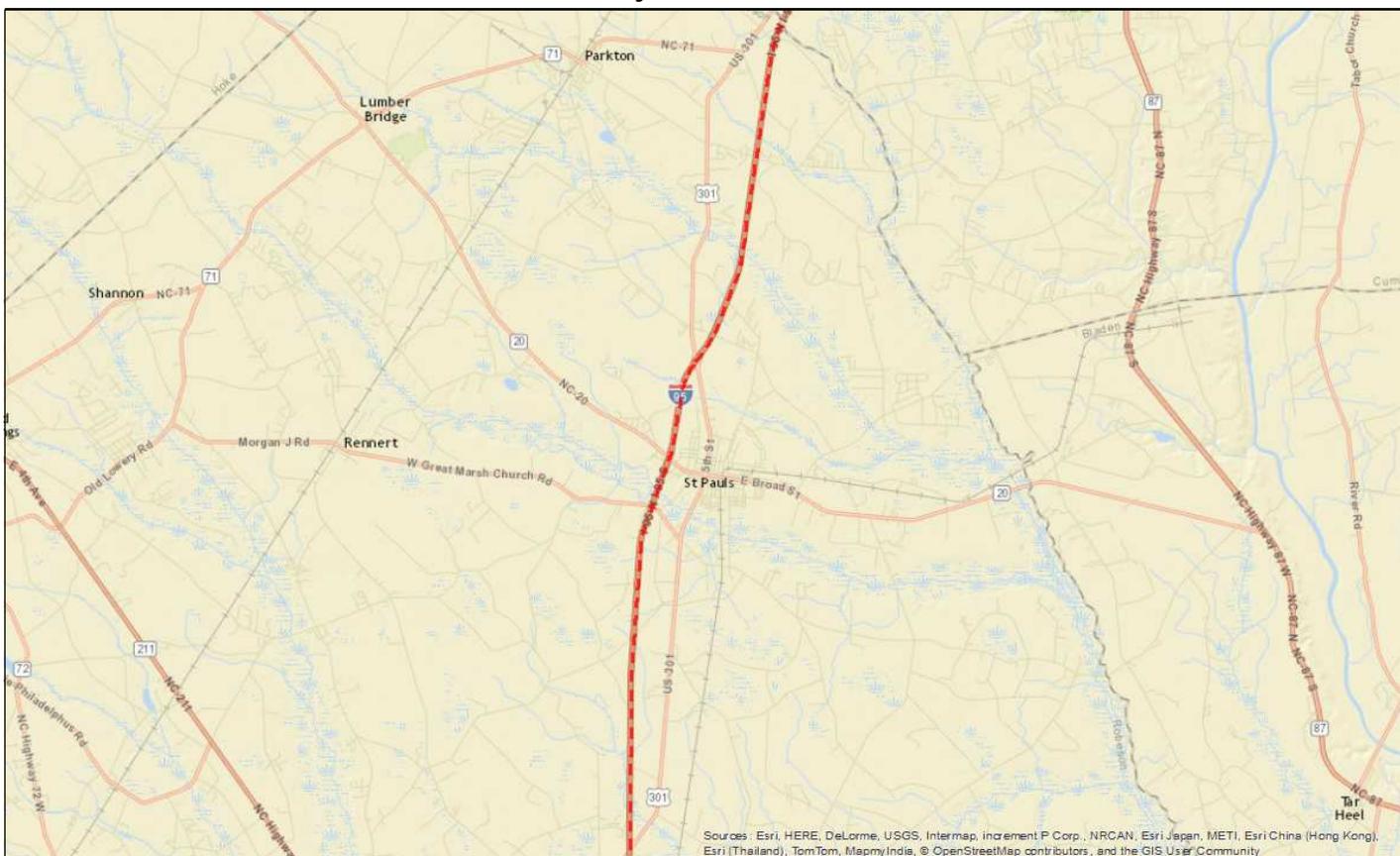
Widen Roadway to 8 Lanes.

Division(s): Division 6

County(s): ROBESON

MPOS(s)/RPO(s): Lumber River RPO, Fayetteville Area MPO

Project Location



Statewide Mobility Total Score: 29.91

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 0.58 Congestion (V/C) (30%) 51.29 Safety (10%) 67.73 Economic Competitiveness (10%) 7.68 Multimodal + [Freight & Military] (20%) 34.02	N/A	N/A
Totals: Weight: 100% Weighted Score: 29.91		

Regional Impact Total Score: 39.49

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 47.47 Congestion (V/C) (25%) 51.29 Safety (10%) 67.73 [Travel Time] Benefit/Cost (25%) 0.58	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 24.49		

Division Needs Total Score: 17.15

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 67.73 [Travel Time] Benefit/Cost (20%) 0.58 Congestion (V/C) (20%) 51.29	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 17.15		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles):	13.61
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):	41466.74
Capacity:	71700.06
Volume/Capacity Ratio:	0.58
% Autos:	84%
% Trucks:	16%
Truck Volume:	6804.62
Crash Density:	66.84
Crash Severity:	66.25
Critical Crash Rate:	70.12
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:	97
Actual Congested Speed:	65.43
Travel Time Index:	0.99

Project Benefits

Project Cross-Section:	8B - 8 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	65
Length (miles):	13.61
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):	4064221.58
Travel Time Savings for 30 Years (Autos):	3397289.76
Travel Time Savings for 30 Years (Trucks):	666931.82
Long-Term Employment:	65
% Change in Economy:	8.85E-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 6

* 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 6	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Lumber River RPO	84%	84	0
Fayetteville Area MPO	16%	16	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$163,319,000	Cost Estimation Tool
Right-of-Way Cost:	\$910,000	Cost Estimation Tool
Utilities Cost:	\$109,000	Cost Estimation Tool
Total Project Cost:	\$164,338,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$164,338,000	