



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129200-D

Mode: Highway

Status: Submitted

I-95

From/Cross Street: Robeson/Cumberland County Line **Specific Improvement Type:** 1 - Widen Existing Roadway

To: NC 53

Project Category: Statewide Mobility

Length: 10.28

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$127,570,000

Description:

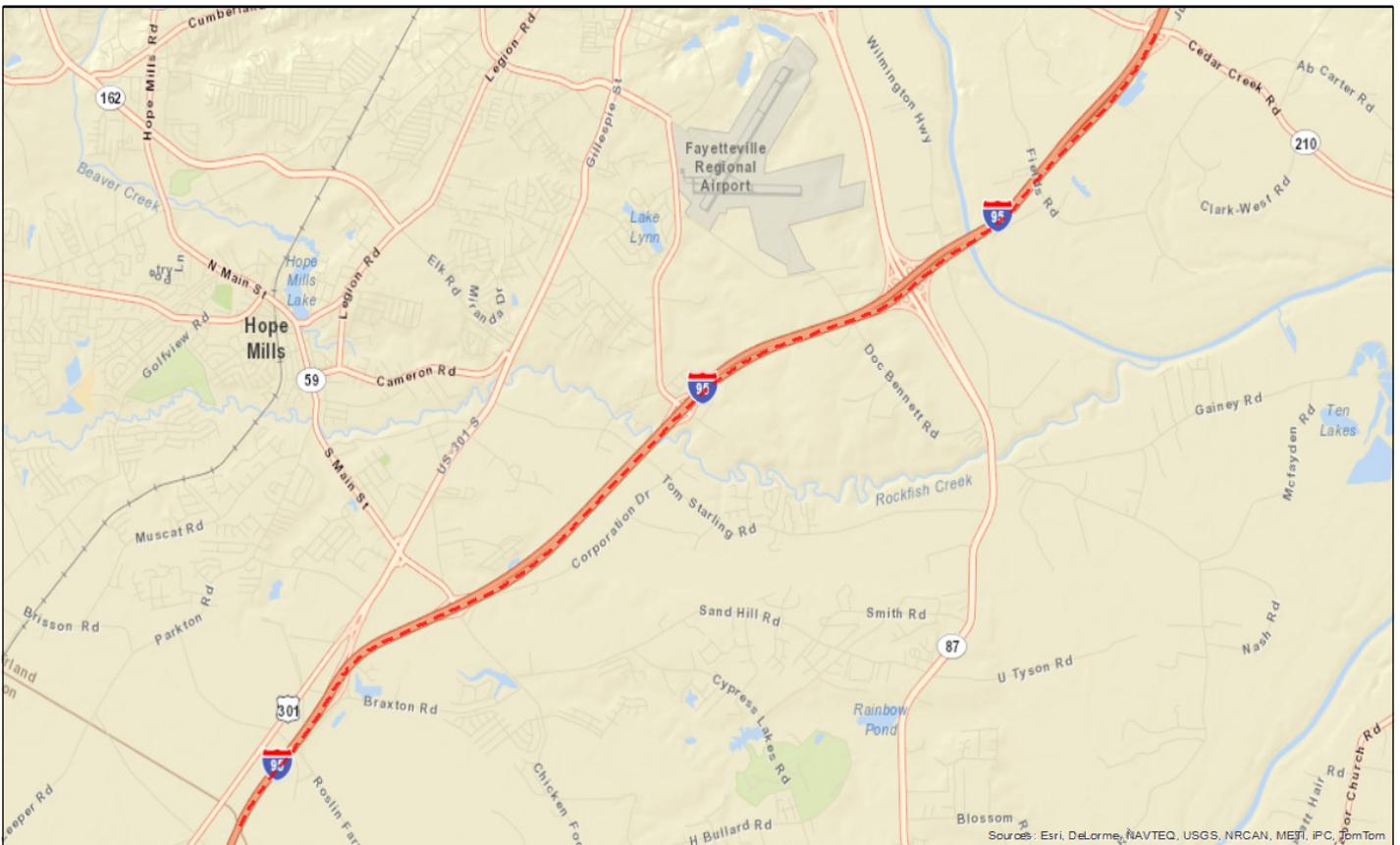
Widen Roadway to 8 Lanes.

Division(s): Division 6

County(s): CUMBERLAND, ROBESON

MPOS(s)/RPO(s): Fayetteville Area MPO

Project Location



Statewide Mobility Total Score: 27.8

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	48.68	N/A	N/A
Safety (10%)	64.45		
Economic Competitiveness (10%)	4.39		
Multimodal + [Freight & Military] (20%)	30.95		
[Travel Time] Benefit/Cost (30%)	0.42		
Totals: Weight: 100% Weighted Score: 27.8			

Regional Impact Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	48.68	Percent: 15% Points:	Percent: 15% Points:
Safety (10%)	64.45		
[Travel Time] Benefit/Cost (25%)	0.42		
Accessibility / Connectivity (10%)	32.50		
Totals: Weight: 70% Weighted Score: 21.97			

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	48.68	Percent: 25% Points:	Percent: 25% Points:
Safety (10%)	64.45		
[Travel Time] Benefit/Cost (20%)	0.42		
Totals: Weight: 50% Weighted Score: 16.26			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles):	10.28
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):	39744.18
Capacity:	72736.9
Volume/Capacity Ratio:	0.55
% Autos:	84%
% Trucks:	16%
Truck Volume:	6190.9
Crash Density:	64.92
Crash Severity:	64.21
Critical Crash Rate:	64.23
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	96
Actual Congested Speed:	64.97
Travel Time Index:	1.07

Project Benefits

Project Cross-Section:	8A - 8 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	10.28
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):	2276189.81
Travel Time Savings for 30 Years (Autos):	1921630.75
Travel Time Savings for 30 Years (Trucks):	354559.06
Long-Term Employment:	37.45
% Change in Economy:	5.04E-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
Fayetteville Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$126,685,000	Cost Estimation Tool
Right-of-Way Cost:	\$790,000	Cost Estimation Tool
Utilities Cost:	\$95,000	Cost Estimation Tool
Total Project Cost:	\$127,570,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$127,570,000	