



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141544

Mode: Highway

Status: Submitted

I-95

From/Cross Street: SR 1528 (Carthage Road)

Specific Improvement Type: 8 - Improve Interchange

To:

Project Category: Statewide Mobility

Length: 2

TIP#: I-5133

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,290,000

Description:

Exit 19 Improve interchange and lengthen span for future widening.

Division(s): Division 6

County(s): ROBESON

MPOS(s)/RPO(s): Lumber River RPO

Project Location



Statewide Mobility Total Score: 34.09

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 61.94	N/A	N/A
Safety (10%) 66.70		
Economic Competitiveness (10%) 0.05		
Multimodal + [Freight & Military] (20%) 44.04		
[Travel Time] Benefit/Cost (30%) 0.08		
Totals: Weight: 100% Weighted Score: 34.09		

Regional Impact Total Score: 58.02

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 0.08	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 66.70		
Accessibility / Connectivity (10%) 58.42		
Congestion (V/C) (25%) 61.94		
Totals: Weight: 70% Weighted Score: 28.02		

Division Needs Total Score: 69.07

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 61.94	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 66.70		
[Travel Time] Benefit/Cost (20%) 0.08		
Totals: Weight: 50% Weighted Score: 19.07		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles);	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	11
Roadway has Curb & Gutter?	No
Volume (AADT):	58419.56
Capacity:	90866.27
Volume/Capacity Ratio:	0.64
% Autos:	85%
% Trucks:	15%
Truck Volume:	8807.68
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	66.7
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	81
Actual Congested Speed:	31.98
Travel Time Index:	2.03

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2
Facility Type:	Freeway
Access Control:	Partial
Functional Classification:	Interstate
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	24000
Travel Time Savings for 30 Years (Autos):	20381.62
Travel Time Savings for 30 Years (Trucks):	3618.38
Long-Term Employment:	0.39
% Change in Economy:	5.3E-07
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 Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Lumber River RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$6,750,000	Cost Estimation Tool
Right-of-Way Cost:	\$540,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,290,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,290,000	