



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141631

Mode: Highway

Status: Submitted

I-95

From/Cross Street: SR 1001 (Long Branch 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:

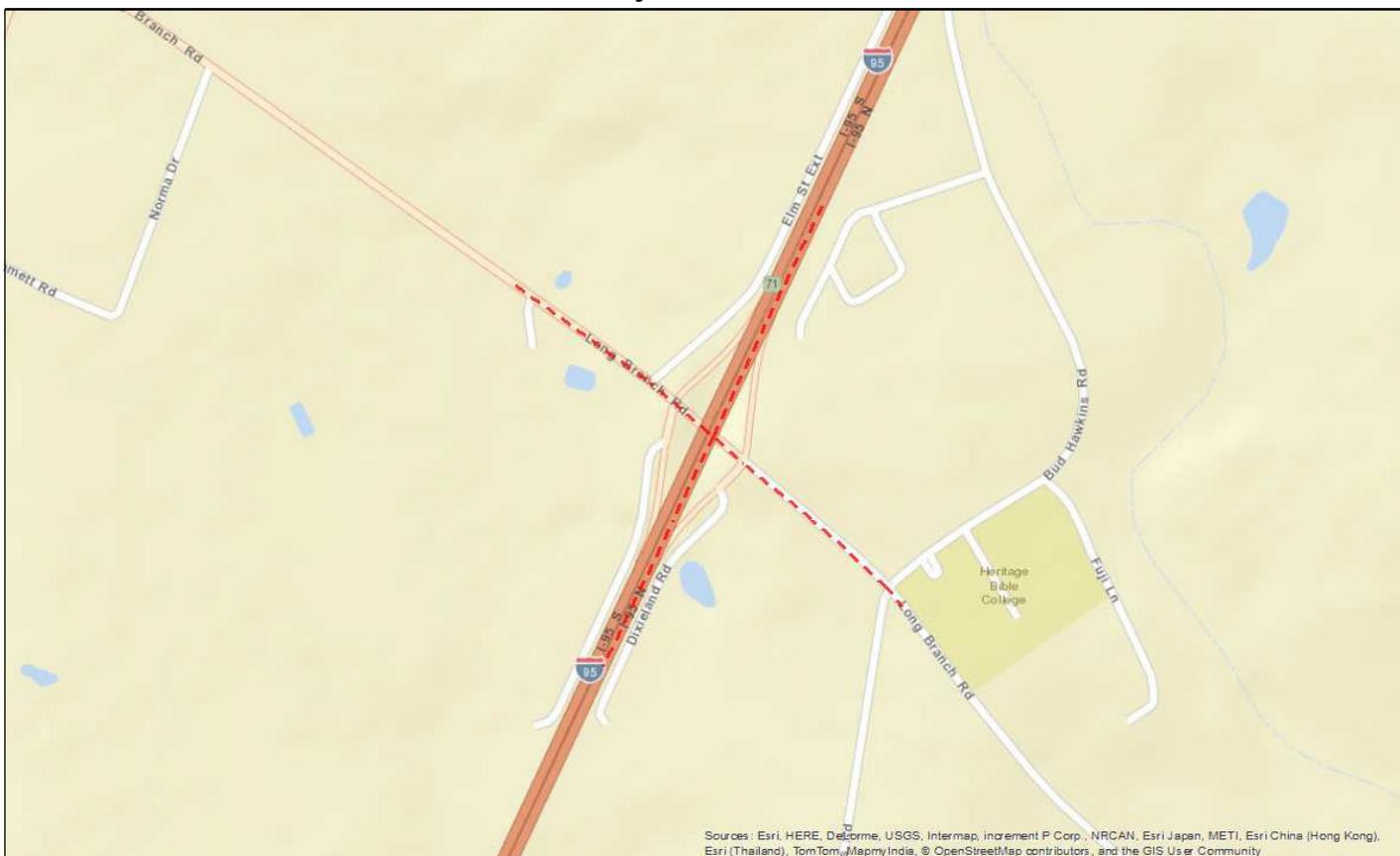
Exit 71 Improve configuration and lengthen spans to for future widening.

Division(s): Division 6

County(s): HARNETT

MPOS(s)/RPO(s): Mid-Carolina RPO

Project Location



Statewide Mobility Total Score: 31.12

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 55.58 Safety (10%) 50.00 Economic Competitiveness (10%) 1.04 Multimodal + [Freight & Military] (20%) 44.11 [Travel Time] Benefit/Cost (30%) 1.73	N/A	N/A
Totals: Weight: 100% Weighted Score: 31.12		

Regional Impact Total Score: 38.13

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 55.58 Safety (10%) 50.00 [Travel Time] Benefit/Cost (25%) 1.73 Accessibility / Connectivity (10%) 38.04	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 23.13		

Division Needs Total Score: 66.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 55.58 Safety (10%) 50.00 [Travel Time] Benefit/Cost (20%) 1.73	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 16.46		

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:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	51066.23
Capacity:	87158.02
Volume/Capacity Ratio:	0.59
% Autos:	83%
% Trucks:	17%
Truck Volume:	8821.03
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	33.3
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	95
Actual Congested Speed:	32.09
Travel Time Index:	1.71

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2
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):	536000
Travel Time Savings for 30 Years (Autos):	443412.89
Travel Time Savings for 30 Years (Trucks):	92587.11
Long-Term Employment:	8.82
% Change in Economy:	1.19E-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 Online tool and associated databases.

Project Ownership**Division**

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

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-Carolina 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	