



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141687

Mode: Highway

Status: Submitted

I-95

From/Cross Street: NC 82

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 65 - Replace Structurally Deficient Structure and extend span length, reconfigure interchange.

Division(s): Division 6

County(s): CUMBERLAND

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

Project Location



Statewide Mobility Total Score: 30.53

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	51.92	N/A	N/A
Safety (10%)	66.70		
Economic Competitiveness (10%)	0.02		
Multimodal + [Freight & Military] (20%)	41.36		
[Travel Time] Benefit/Cost (30%)	0.03		
Totals: Weight: 100% Weighted Score: 30.53			

Regional Impact Total Score: 53.84

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	51.92	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%)	66.70		
[Travel Time] Benefit/Cost (25%)	0.03		
Accessibility / Connectivity (10%)	41.87		
Totals: Weight: 70% Weighted Score: 23.84			

Division Needs Total Score: 42.06

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	51.92	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%)	66.70		
[Travel Time] Benefit/Cost (20%)	0.03		
Totals: Weight: 50% Weighted Score: 17.06			

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):	47804.39
Capacity:	87443.75
Volume/Capacity Ratio:	0.55
% Autos:	83%
% Trucks:	17%
Truck Volume:	8272.02
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	92
Actual Congested Speed:	32.47
Travel Time Index:	1.69

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):	8000
Travel Time Savings for 30 Years (Autos):	6615.69
Travel Time Savings for 30 Years (Trucks):	1384.31
Long-Term Employment:	0.13
% Change in Economy:	1.8E-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	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

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	