



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129070-B

Mode: Highway

Status: Submitted

US-64

From/Cross Street: West of Alligator River

Specific Improvement Type: 1 - Widen Existing Roadway

To: East of SR 1153 (Old Ferry Landing Road)

Project Category: Statewide Mobility

Length: 4.3

TIP#: R-2545B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$209,520,000

Description:

Widen to Multi-Lanes and construct new multi-lane bridge

Division(s): Division 1

County(s): DARE, TYRRELL

MPOS(s)/RPO(s): Albemarle RPO

Project Location



Statewide Mobility Total Score: 8.79

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 0.00 Multimodal + [Freight & Military] (20%) 1.65 Congestion (V/C) (30%) 14.27 Safety (10%) 41.79 Economic Competitiveness (10%) 0.03	N/A	N/A
Totals: Weight: 100% Weighted Score: 8.79		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Paved] Shoulder Width (10%) 0.00 Congestion (V/C) (15%) 14.27 Safety (15%) 41.79 Lane Width (10%) 25.00 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 10.91		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 14.27 Safety (10%) 41.79 Lane Width (10%) 25.00 [Paved] Shoulder Width (10%) 0.00 [Travel Time] Benefit/Cost (10%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 8.11		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	4.3
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	3341.3
Capacity:	15500
Volume/Capacity Ratio:	0.22
% Autos:	90%
% Trucks:	10%
Truck Volume:	329.82
Crash Density:	51.11
Crash Severity:	38.6
Critical Crash Rate:	35.69
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	53
Actual Congested Speed:	55.56
Travel Time Index:	0.99

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.3
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	20375.85
Travel Time Savings for 30 Years (Autos):	18364.56
Travel Time Savings for 30 Years (Trucks):	2011.29
Long-Term Employment:	0
% Change in Economy:	6.7E-07
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 1

* 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 1	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$208,200,000	TIP Unit
Right-of-Way Cost:	\$1,220,000	TIP Unit
Utilities Cost:	\$100,000	TIP Unit
Total Project Cost:	\$209,520,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$209,520,000	