NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141397 **Mode:** Highway **Status:** Submitted

SR-1603 (Washington Ave)

From/Cross Street: US 70

To: SR 1325 (Firetower Rd)

Length: 1.52

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

Project Category: Division Needs

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: $1,506,000

Description:

Construct roadway on new location from Washington St to Willie Measley Rd. Widen existing Washington St from Firetower Rd Ext to new roadway. Widen Willie Measley Rd from new roadway to US 70. Construct interchange at intersection of US 70 and Willie Measley Rd. Close Washington St between new roadway and US 70.

Division(s): Division 2

County(s): LENOIR

MPOS(s)/RPO(s): East Carolina RPO

Project Location

Statewide Mobility Total Score: 0

Quanitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quanitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%) **Totals: Weight: 50% Weighted Score: 13.49**	17.82 49.62 0.00	Percent: 25% Points:	Percent: 25% Points:

Project Data *

Existing Conditions

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	1.4
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4173.15
Capacity:	15500
Volume/Capacity Ratio:	0.27
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	87.05
Crash Severity:	33.3
Critical Crash Rate:	28.53
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	49
Actual Congested Speed:	30.16
Travel Time Index:	1.82

Project Benefits

Project Cross-Section:	2A - 2 Lane Undivided with Paved Shoulders, 55 mph
Speed Limit:	55
Length (miles):	1.52
Facility Type:	Two Lane Highway
Access Control:	Partial
Functional Classification:	Major Collector
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-72711.49
Travel Time Savings for 30 Years (Autos):	-72711.49
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
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:	East Carolina RPO

* 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 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		**0**	**0**

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		**0**	**0**

Project Cost and Source

Construction Cost:	$1,200,000	TIP Unit
Right-of-Way Cost:	$273,000	TIP Unit
Utilities Cost:	$33,000	TIP Unit
Total Project Cost:	$1,506,000	
Other Funding:	$0	None
Cost to NCDOT :	**$1,506,000**	