



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111193

Mode: Highway

Status: Submitted

## SR-1423

From/Cross Street: US 17 (New Bern Highway)

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

To: NC 24 (Freedom Way)

Project Category: Division Needs

Length: 16.86

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$178,566,000

### Description:

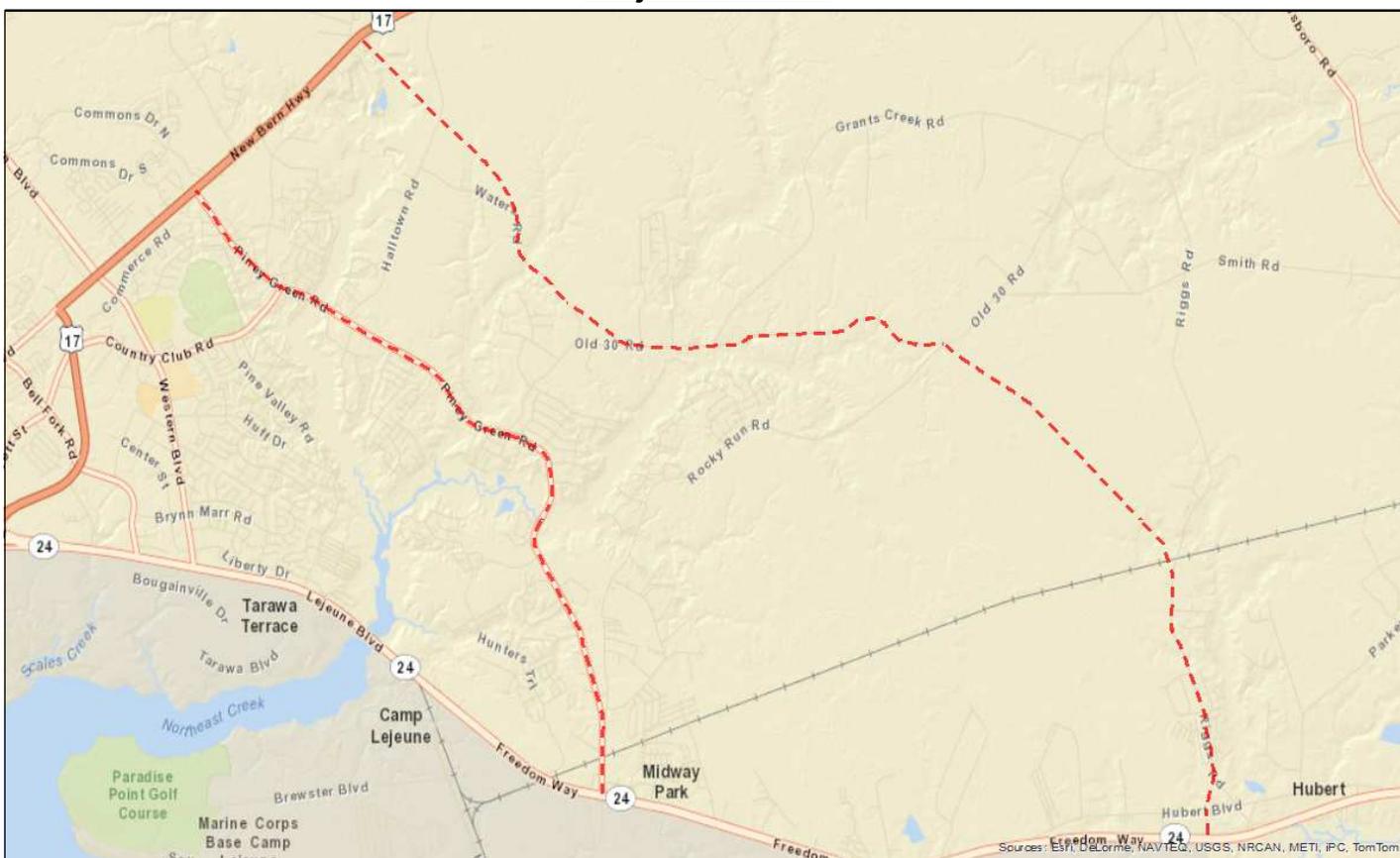
Construct a Multi-Lane Highway Partially on New Alignment, Upgrade Waters Road, Old 30 Road and Riggs Road. Wide Outside Lanes

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO, Down East RPO

### Project Location



<b>Statewide Mobility Total Score: 0</b>		
<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

<b>Regional Impact Total Score: 0</b>		
<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points:	Percent: 15% Points:

<b>Division Needs Total Score: 0</b>		
<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)                      67.16	Percent: 25% Points:	Percent: 25% Points:
Safety (20%)                                      76.75		
Multimodal + [Freight & Military] (10%)    25.32		
<b>Totals: Weight: 50% Weighted Score: 31.31</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	13.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	16000
Capacity:	15800
Volume/Capacity Ratio:	1.01
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.75
Crash Severity:	78.98
Critical Crash Rate:	51.54
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	16.86
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	12934711.34
Travel Time Savings for 30 Years (Autos):	12934711.34
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

\* 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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Jacksonville Urban MPO	86%	0	0
Down East RPO	14%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$72,846,000	TIP Unit
Right-of-Way Cost:	\$94,393,000	Cost Estimation Tool
Utilities Cost:	\$11,327,000	Cost Estimation Tool
Total Project Cost:	\$178,566,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$178,566,000</b>	