



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H140022

**Mode:** Highway

**Status:** Submitted

## NC-58 (Emerald Drive)

**From/Cross Street:** Coast Guard Road

**Specific Improvement Type:** 11 - Access Management

**To:** Lee Avenue

**Project Category:** Regional Impact

**Length:** 2.1

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$10,377,000

### Description:

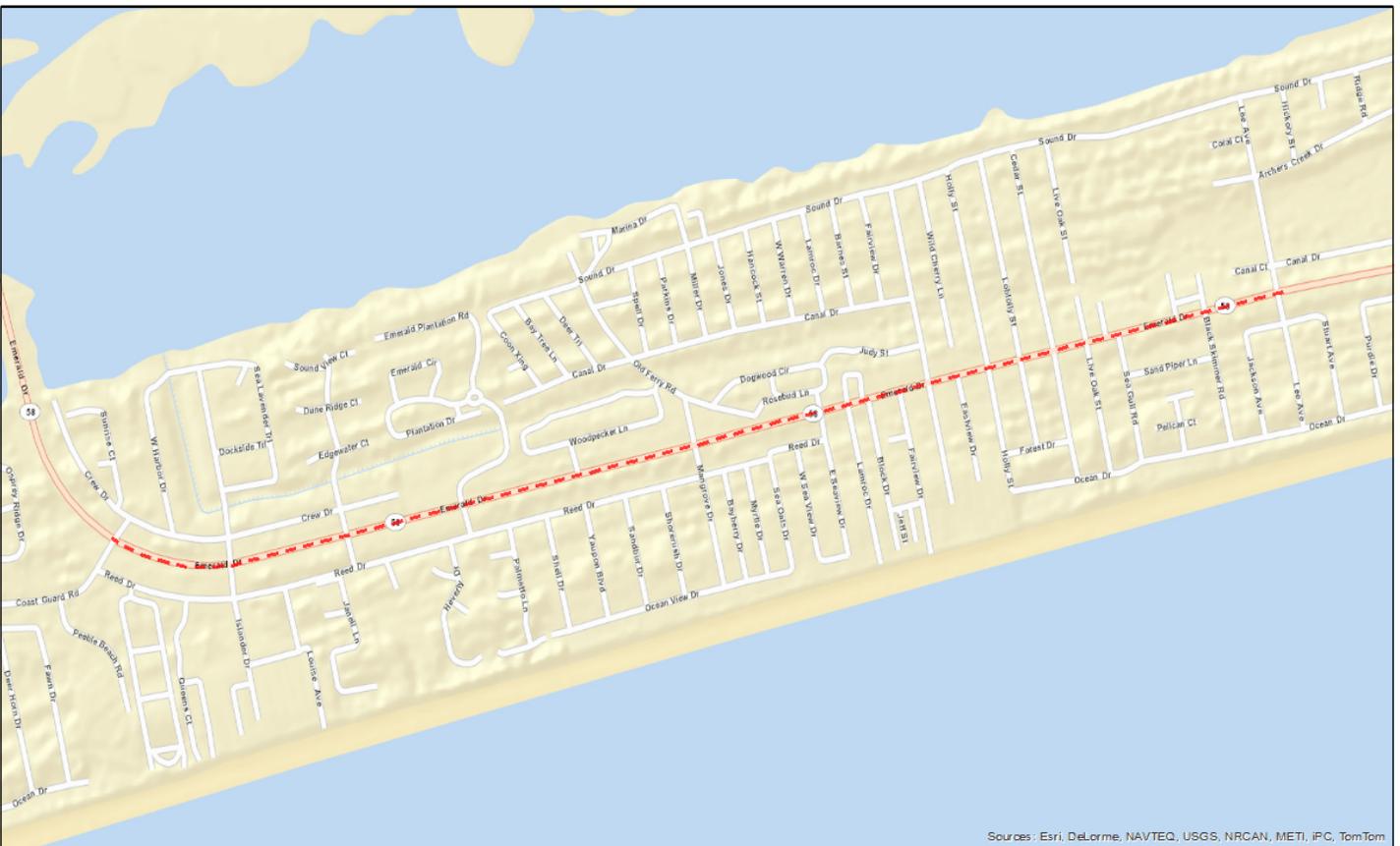
Eliminate some driveways, eliminate some left turns in some areas, and improve some of the intersections.

**Division(s):** Division 2

**County(s):** CARTERET

**MPOS(s)/RPO(s):** Down East RPO

### Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 86.09	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 2.43		
[Travel Time] Benefit/Cost (20%) 1.37		
<b>Totals: Weight: 70% Weighted Score: 22.41</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 54.96	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 86.09		
Multimodal + [Freight & Military] (10%) 2.43		
<b>Totals: Weight: 50% Weighted Score: 28.45</b>		

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

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	2.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	13093.66
Capacity:	15800
Volume/Capacity Ratio:	0.83
% Autos:	96%
% Trucks:	4%
Truck Volume:	486.89
Crash Density:	97.84
Crash Severity:	62.61
Critical Crash Rate:	97.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	41.01
Travel Time Index:	1.1

**Project Benefits**

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.1
Facility Type:	Arterial
Access Control:	None
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):	636490.11
Travel Time Savings for 30 Years (Autos):	612822
Travel Time Savings for 30 Years (Trucks):	23668.11
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?	Yes
CTP/LRTP Name:	Carteret County CTP
CTP/LRTP Completion Year:	2014
Submitted by:	Down East 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
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Down East RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$10,377,000	Cost Estimation Tool
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$10,377,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$10,377,000</b>	