



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H140043

**Mode:** Highway

**Status:** Submitted

## SR-1726 (Business Drive)

**From/Cross Street:** SR 1176 (Bridges Street Extension)

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

**To:** US 70 (Arendell Street)

**Project Category:** Division Needs

**Length:** 2.9

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$21,823,000

### Description:

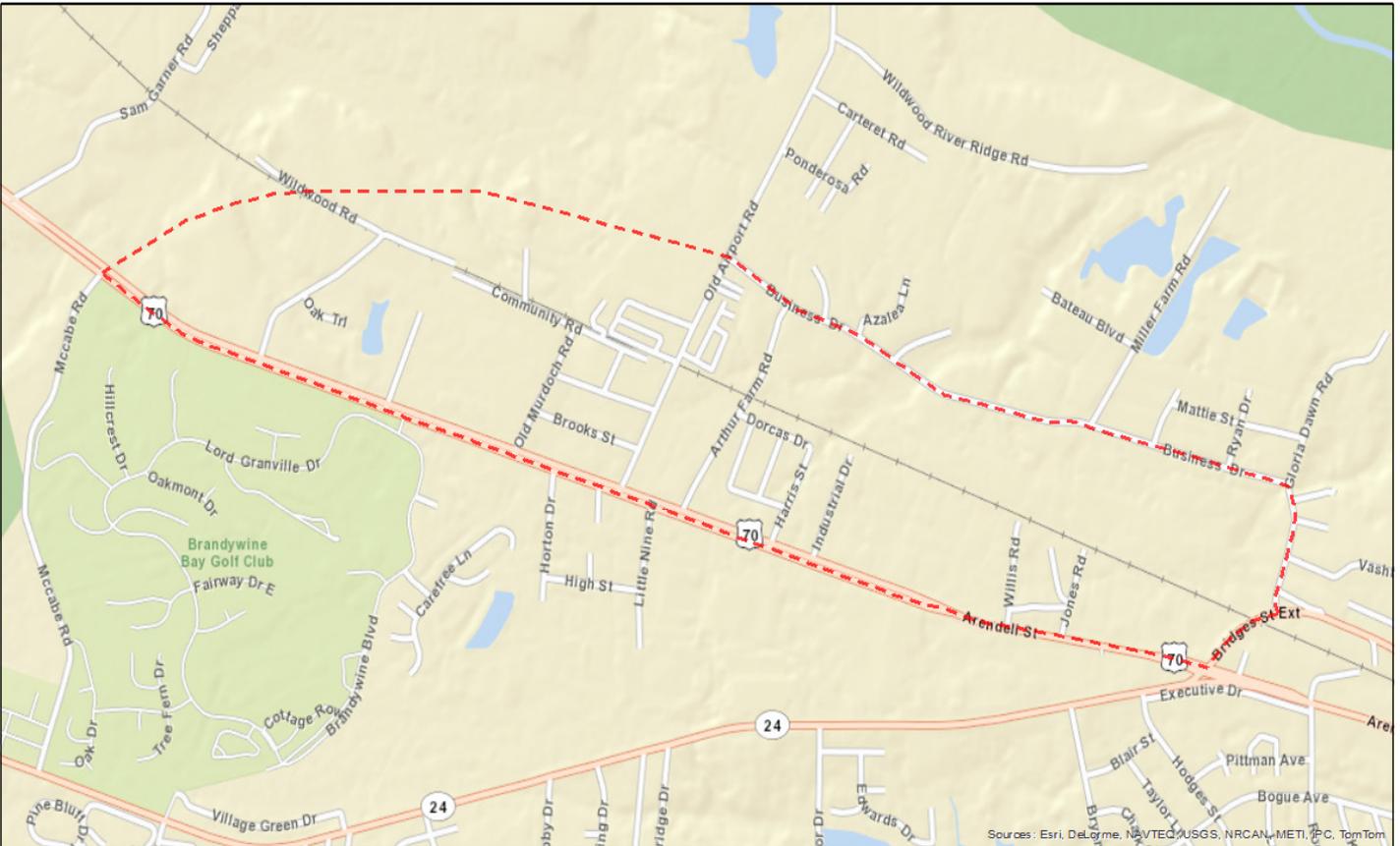
Construct and widen a 2-lane major thoroughfare with 12-ft lanes and 2-ft shoulders on new location and existing roadway.

**Division(s):** Division 2

**County(s):** CARTERET

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

### Project Location



**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
	Percent: 15% Points:	Percent: 15% Points:
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 70.25	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 79.08		
Multimodal + [Freight & Military] (10%) 8.63		
<b>Totals: Weight: 50% Weighted Score: 30.73</b>		

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

Existing Cross-Section:	
Speed Limit:	54
Length (miles);	2.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	30639.87
Capacity:	31700
Volume/Capacity Ratio:	0.97
% Autos:	94%
% Trucks:	6%
Truck Volume:	1726.5
Crash Density:	86.28
Crash Severity:	70.99
Critical Crash Rate:	79.99
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	89
Actual Congested Speed:	41.6
Travel Time Index:	1.32

**Project Benefits**

Project Cross-Section:	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-91361886.97
Travel Time Savings for 30 Years (Autos):	-86213806.22
Travel Time Savings for 30 Years (Trucks):	-5148080.75
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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 2	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>
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:	\$15,391,000	Cost Estimation Tool
Right-of-Way Cost:	\$5,743,000	Cost Estimation Tool
Utilities Cost:	\$689,000	Cost Estimation Tool
Total Project Cost:	\$21,823,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$21,823,000</b>	