



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090802

Mode: Highway

Status: Submitted

## NC-210

From/Cross Street: US 17

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 50

Project Category: Regional Impact

Length: 2.84

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$22,340,000

### Description:

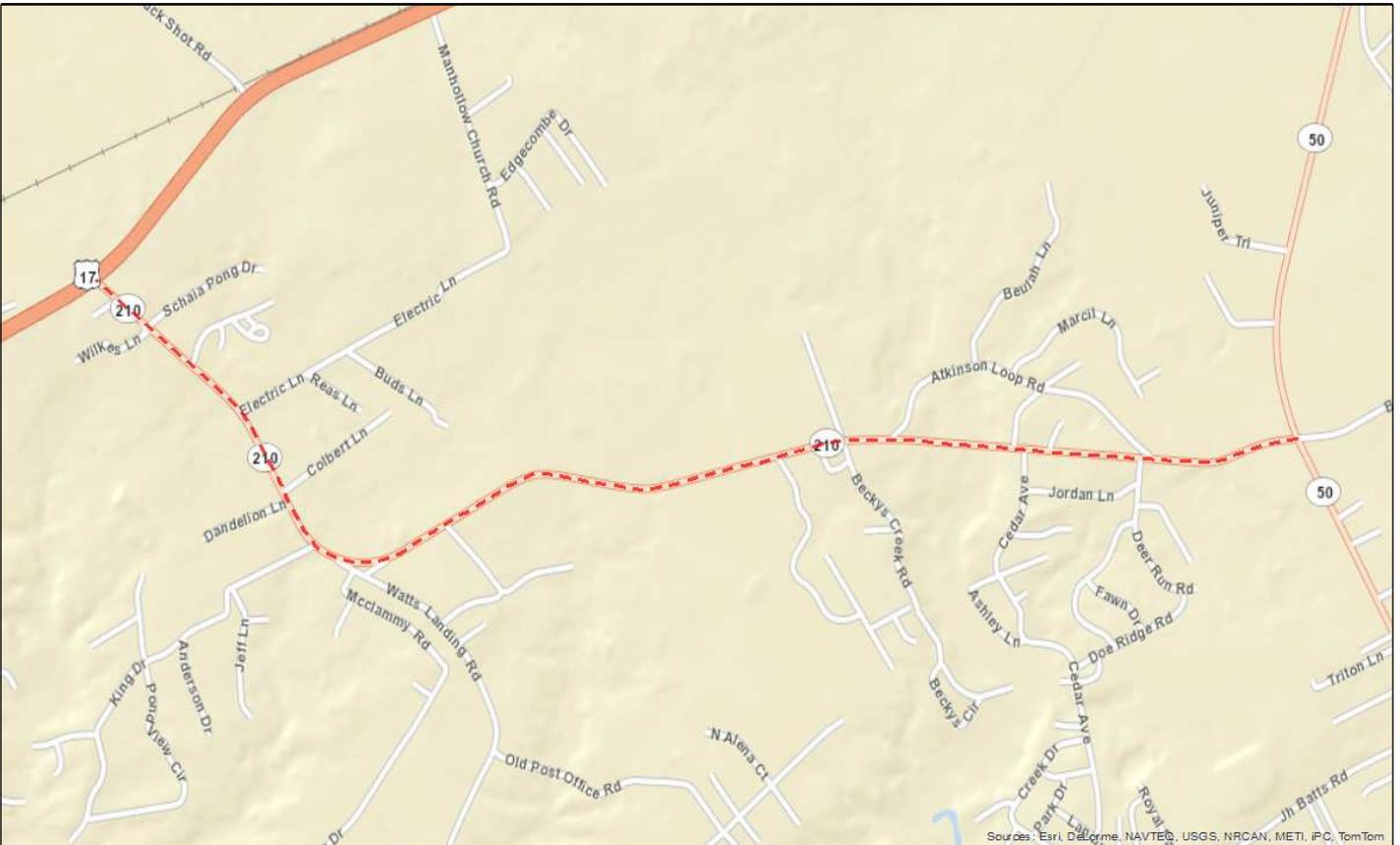
Upgrade to increase Capacity & Improve Safety. This Road Carries a Significant Amount of Summer Beach Traffic and Is Used For Hurricane Evacuation.

Division(s): Division 3

County(s): PENDER

MPOS(s)/RPO(s): Cape Fear RPO

### Project Location



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

<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>
	N/A	N/A
<b>Totals: Weight: 0% Weighted Score: 0</b>		

<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>
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 1.24		
Safety (25%) 13.72		
<b>Totals: Weight: 70% Weighted Score: 3.74</b>		

<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%) 38.96	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 13.72		
Multimodal + [Freight & Military] (10%) 1.24		
<b>Totals: Weight: 50% Weighted Score: 10.66</b>		

**Project Data \***

**Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	2.84
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	9122.7
Capacity:	15500
Volume/Capacity Ratio:	0.59
% Autos:	97%
% Trucks:	3%
Truck Volume:	248.13
Crash Density:	17.64
Crash Severity:	17.65
Critical Crash Rate:	5.88
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	42
Travel Time Index:	1.31

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.84
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-486295.15
Travel Time Savings for 30 Years (Autos):	-473068.22
Travel Time Savings for 30 Years (Trucks):	-13226.93
Long-Term Employment:	
% Change in Economy:	
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 3

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	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
Cape Fear 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:	\$17,898,000	TIP Unit
Right-of-Way Cost:	\$3,966,000	Cost Estimation Tool
Utilities Cost:	\$476,000	Cost Estimation Tool
Total Project Cost:	\$22,340,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$22,340,000</b>	