



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140105

Mode: Highway

Status: Submitted

SR-1509 (Queens Creek Road)

From/Cross Street: NC 24 (Corbett Ave)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1503 (Great Neck Landing Road)

Project Category: Division Needs

Length: 4.32

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$56,651,000

Description:

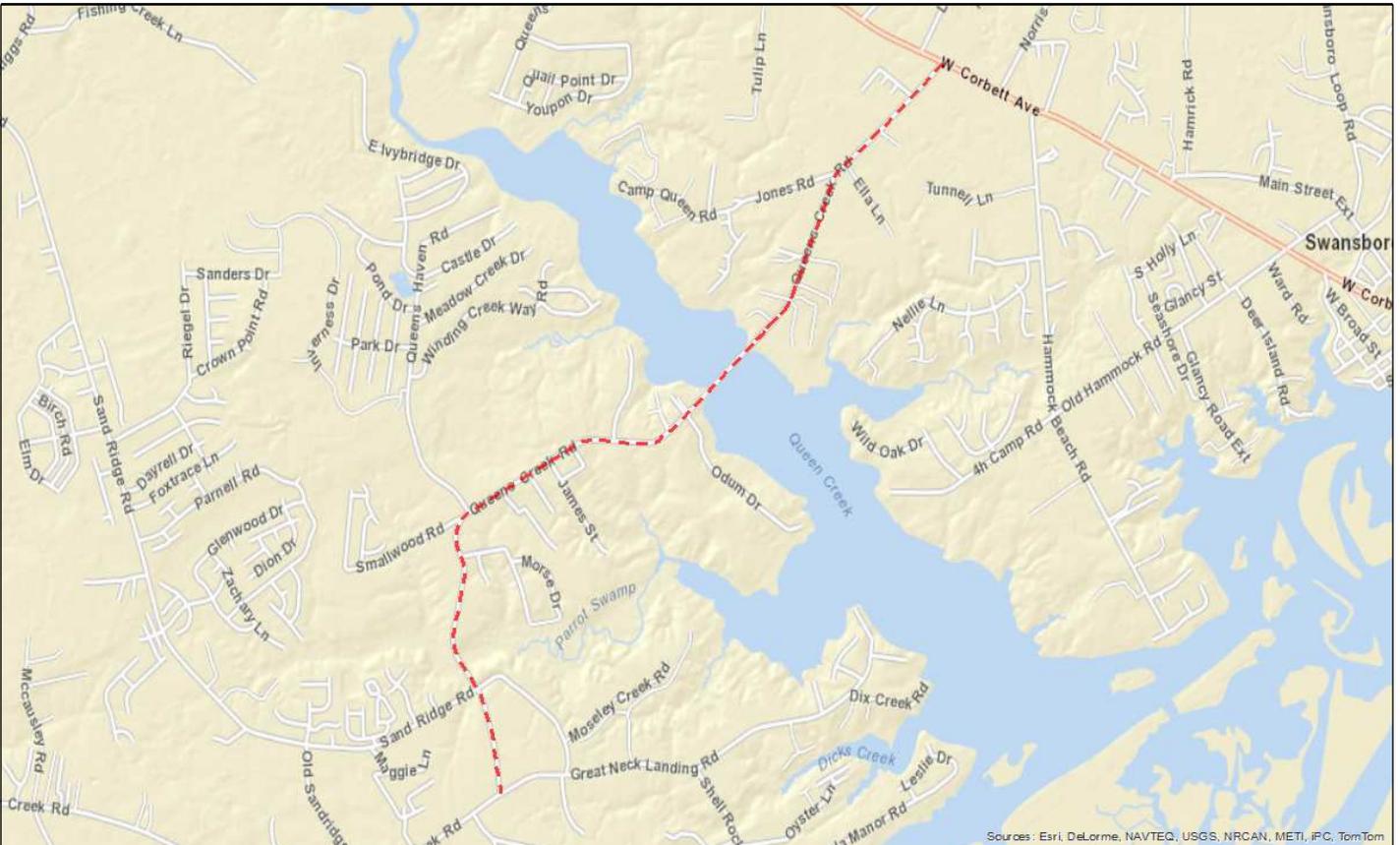
Construct a 4-lane divided boulevard with partial control of access from NC 24 to SR 1503.

Division(s): Division 3

County(s): ONSLOW

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
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

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

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.64	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 76.65		
Multimodal + [Freight & Military] (10%) 0.00		
Totals: Weight: 50% Weighted Score: 24.06		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	4.32
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10397.13
Capacity:	15800.24
Volume/Capacity Ratio:	0.66
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.81
Crash Severity:	80.87
Critical Crash Rate:	49.28
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	4.32
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):	1168233.24
Travel Time Savings for 30 Years (Autos):	1168233.24
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?	Yes
CTP/LRTP Name:	Swansboro CTP
CTP/LRTP Completion Year:	2006
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 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$29,613,000	Cost Estimation Tool
Right-of-Way Cost:	\$24,141,000	Cost Estimation Tool
Utilities Cost:	\$2,897,000	Cost Estimation Tool
Total Project Cost:	\$56,651,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$56,651,000	