



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090720

Mode: Highway

Status: Submitted

(New Route - River Road Relocation)

From/Cross Street: South of Shipyard Boulevard

Specific Improvement Type: 5 - Construct Roadway on New Location

To: River Road

Project Category: Division Needs

Length: 0.85

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$4,267,000

Description:

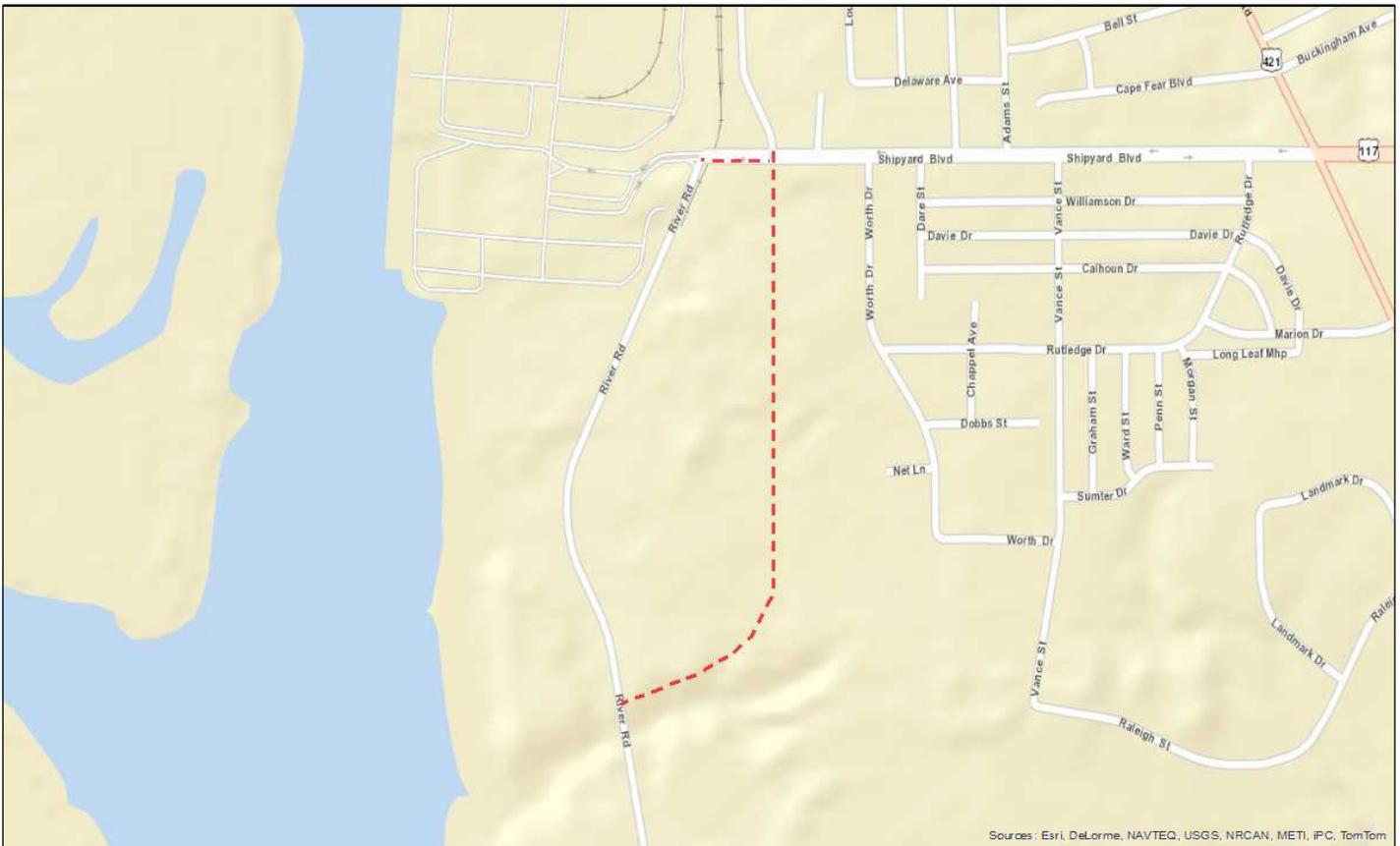
Relocate River Road South of Shipyard Boulevard to River Road

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

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
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

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

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 18.57 Safety (20%) 0.00 Multimodal + [Freight & Military] (10%) 14.49	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 5.16		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles);	0.85
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	8100
Capacity:	31700
Volume/Capacity Ratio:	0.26
% Autos:	80%
% Trucks:	20%
Truck Volume:	1620
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	74
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	35
Length (miles):	0.85
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	8987.65
Travel Time Savings for 30 Years (Autos):	7190.12
Travel Time Savings for 30 Years (Trucks):	1797.53
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**

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
Wilmington Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$3,520,000	Cost Estimation Tool
Right-of-Way Cost:	\$667,000	Cost Estimation Tool
Utilities Cost:	\$80,000	Cost Estimation Tool
Total Project Cost:	\$4,267,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$4,267,000	