



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H142101

**Mode:** Highway

**Status:** Submitted

## US-264

**From/Cross Street:** US 264 bypass

**Specific Improvement Type:** 3 - Upgrade Expressway to Freeway

**To:** Proposed Washington Northern bypass (R-3422)

**Project Category:** Statewide Mobility

**Length:** 12.44

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$163,358,000

### Description:

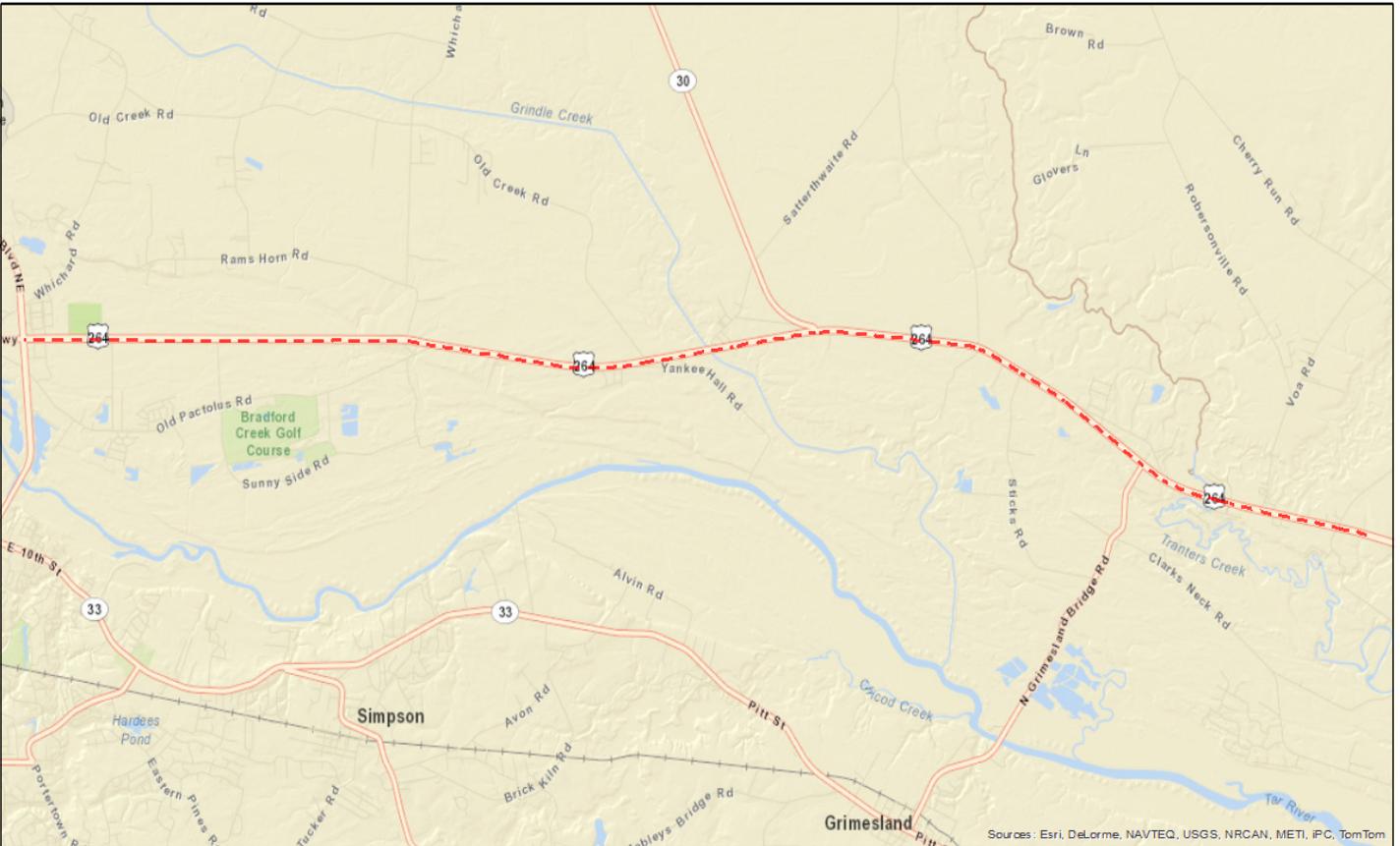
Upgrade to freeway standards

**Division(s):** Division 2

**County(s):** PITT, BEAUFORT

**MPOS(s)/RPO(s):** Mid-East RPO, Greenville Urban Area MPO

### Project Location



**Statewide Mobility Total Score: 10.06**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 20.24	N/A	N/A
Safety (10%) 7.33		
Economic Competitiveness (10%) 16.99		
Multimodal + [Freight & Military] (20%) 6.43		
[Travel Time] Benefit/Cost (30%) 0.89		
<b>Totals: Weight: 100% Weighted Score: 10.06</b>		

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (25%) 7.33	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 6.43		
[Travel Time] Benefit/Cost (20%) 0.89		
<b>Totals: Weight: 70% Weighted Score: 3.62</b>		

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (20%) 7.33	Percent: 25% Points:	Percent: 25% Points:
Multimodal + [Freight & Military] (10%) 6.43		
Congestion (V/C) (20%) 20.24		
<b>Totals: Weight: 50% Weighted Score: 6.16</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	12.44
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	16791.23
Capacity:	74506.87
Volume/Capacity Ratio:	0.23
% Autos:	92%
% Trucks:	8%
Truck Volume:	1286.38
Crash Density:	8.68
Crash Severity:	5.98
Critical Crash Rate:	7.34
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	97
Actual Congested Speed:	55.06
Travel Time Index:	1

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	12.44
Facility Type:	Freeway
Access Control:	Full
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):	6410108.44
Travel Time Savings for 30 Years (Autos):	5919027.78
Travel Time Savings for 30 Years (Trucks):	491080.66
Long-Term Employment:	112.76
% Change in Economy:	0.00022704
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	Yes
CTP/LRTP Name:	Beaufort County CTP
CTP/LRTP Completion Year:	2014
Submitted by:	Mid-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>
Mid-East RPO	73%	0	0
Greenville Urban Area MPO	27%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$154,252,000	Cost Estimation Tool
Right-of-Way Cost:	\$8,130,000	Cost Estimation Tool
Utilities Cost:	\$976,000	Cost Estimation Tool
Total Project Cost:	\$163,358,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$163,358,000</b>	