



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141078

**Mode:** Highway

**Status:** Submitted

## NC-11

**From/Cross Street:** SR 1735 (Ferrell Road)

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

**To:** SR 1109 (Jacksontown Road)

**Project Category:** Regional Impact

**Length:** 10.51

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$140,474,000

### Description:

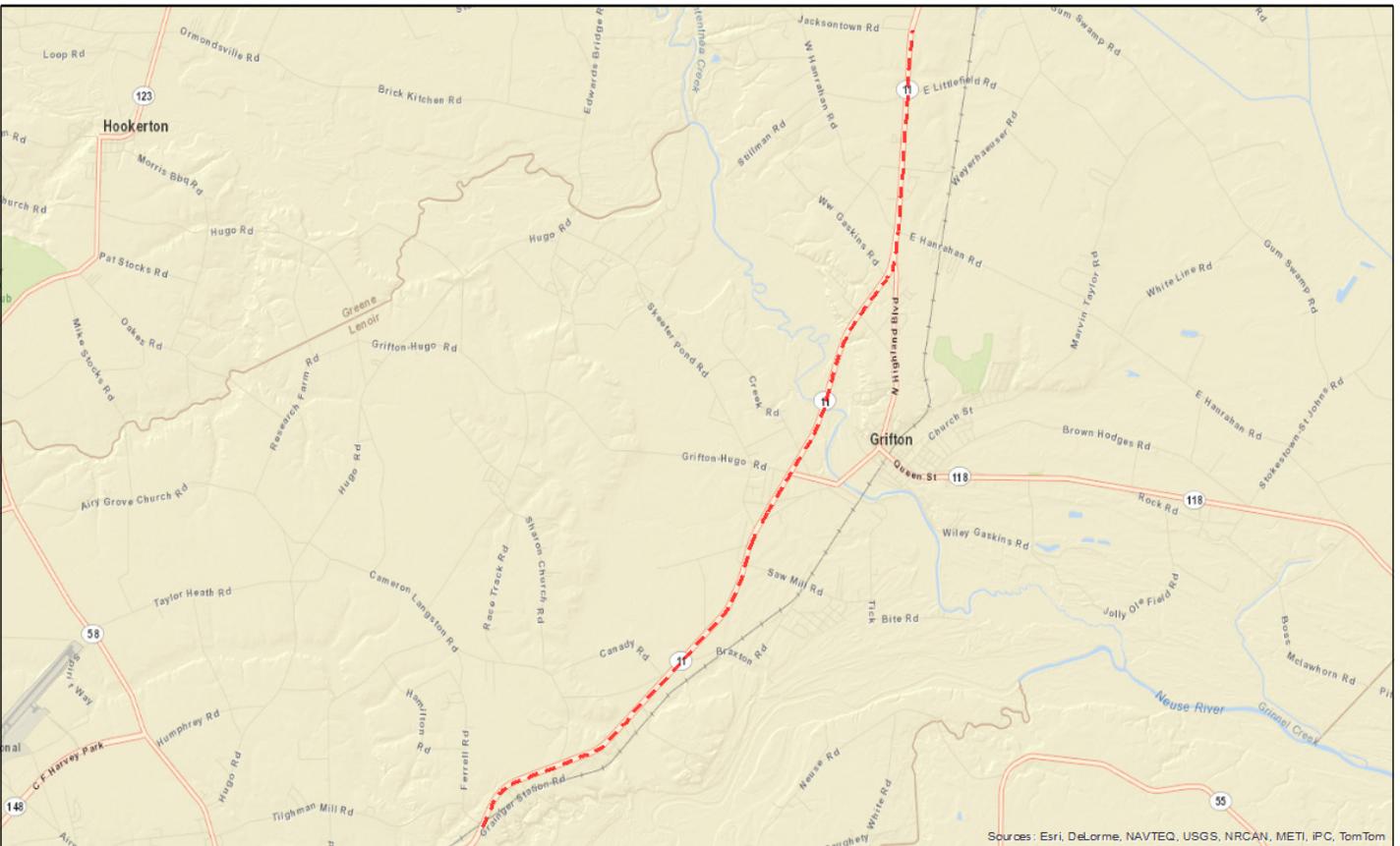
Upgrade existing expressway to freeway standards

**Division(s):** Division 2

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

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

### 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
Safety (25%) 51.06	Percent: 15% Points:	Percent: 15% Points:
Multimodal + [Freight & Military] (25%) 6.15		
[Travel Time] Benefit/Cost (20%) 0.56		
<b>Totals: Weight: 70% Weighted Score: 14.41</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 18.79	Percent: 25% Points:	Percent: 25% Points:
Safety (20%) 51.06		
Multimodal + [Freight & Military] (10%) 6.15		
<b>Totals: Weight: 50% Weighted Score: 14.59</b>		

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

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	10.51
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	15084.67
Capacity:	70957.52
Volume/Capacity Ratio:	0.21
% Autos:	92%
% Trucks:	8%
Truck Volume:	1229.03
Crash Density:	51.27
Crash Severity:	53.28
Critical Crash Rate:	48.65
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	89
Actual Congested Speed:	60.52
Travel Time Index:	0.91

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	65
Length (miles):	10.51
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):	3460004.5
Travel Time Savings for 30 Years (Autos):	3178098.79
Travel Time Savings for 30 Years (Trucks):	281905.71
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?	Yes
CTP/LRTP Name:	Kinston CTP
CTP/LRTP Completion Year:	2008
Submitted by:	East Carolina 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>
East Carolina RPO	58%	0	0
Mid-East RPO	35%	0	0
Greenville Urban Area MPO	7%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$132,276,000	Cost Estimation Tool
Right-of-Way Cost:	\$7,320,000	Cost Estimation Tool
Utilities Cost:	\$878,000	Cost Estimation Tool
Total Project Cost:	\$140,474,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$140,474,000</b>	