



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090128-B

Mode: Highway

Status: Submitted

## US-70 (New Route - Kinston Bypass)

From/Cross Street: NC 148 (Harvey Parkway)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: US 70 East of NC 58

Project Category: Statewide Mobility

Length: 6.58

TIP#: R-2553

Fully Funded in Draft STIP? No

Cost to NCDOT: \$136,572,000

### Description:

Construct Freeway on New Location.

Division(s): Division 2

County(s): LENOIR

MPOS(s)/RPO(s): East Carolina RPO

### Project Location



**Statewide Mobility Total Score: 30.25**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 44.02	N/A	N/A
Safety (10%) 43.29		
Economic Competitiveness (10%) 61.83		
Multimodal + [Freight & Military] (20%) 26.59		
[Travel Time] Benefit/Cost (30%) 4.05		
<b>Totals: Weight: 100% Weighted Score: 30.25</b>		

**Regional Impact Total Score: 48.13**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 4.05	Percent: 15% Points: 100	Percent: 15% Points: 99
Safety (25%) 43.29		
Multimodal + [Freight & Military] (25%) 26.59		
<b>Totals: Weight: 70% Weighted Score: 18.28</b>		

**Division Needs Total Score: 44.87**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%) 26.59	Percent: 25% Points: 0	Percent: 25% Points: 99
Congestion (V/C) (20%) 44.02		
Safety (20%) 43.29		
<b>Totals: Weight: 50% Weighted Score: 20.12</b>		

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

Existing Cross-Section:	
Speed Limit:	53
Length (miles):	6.4
Facility Type:	Arterial
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):	24660.05
Capacity:	43313
Volume/Capacity Ratio:	0.57
% Autos:	90%
% Trucks:	10%
Truck Volume:	2470.78
Crash Density:	43.15
Crash Severity:	46.12
Critical Crash Rate:	40.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	84
Actual Congested Speed:	45.26
Travel Time Index:	1.06

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	6.58
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial-Other Freeway
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	24116500.82
Travel Time Savings for 30 Years (Autos):	21700179.06
Travel Time Savings for 30 Years (Trucks):	2416321.76
Long-Term Employment:	399
% Change in Economy:	0.00083761
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 2

\* 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 2	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	99	99
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>99</b>	<b>99</b>

**Project Cost and Source**

Construction Cost:	\$124,833,000	Cost Estimation Tool
Right-of-Way Cost:	\$10,481,000	Cost Estimation Tool
Utilities Cost:	\$1,258,000	Cost Estimation Tool
Total Project Cost:	\$136,572,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$136,572,000</b>	