



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090687

**Mode:** Highway

**Status:** Submitted

## NC-148 (Harvey Parkway)

**From/Cross Street:** NC 58

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** NC 11

**Project Category:** Regional Impact

**Length:** 4.07

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$62,858,000

### Description:

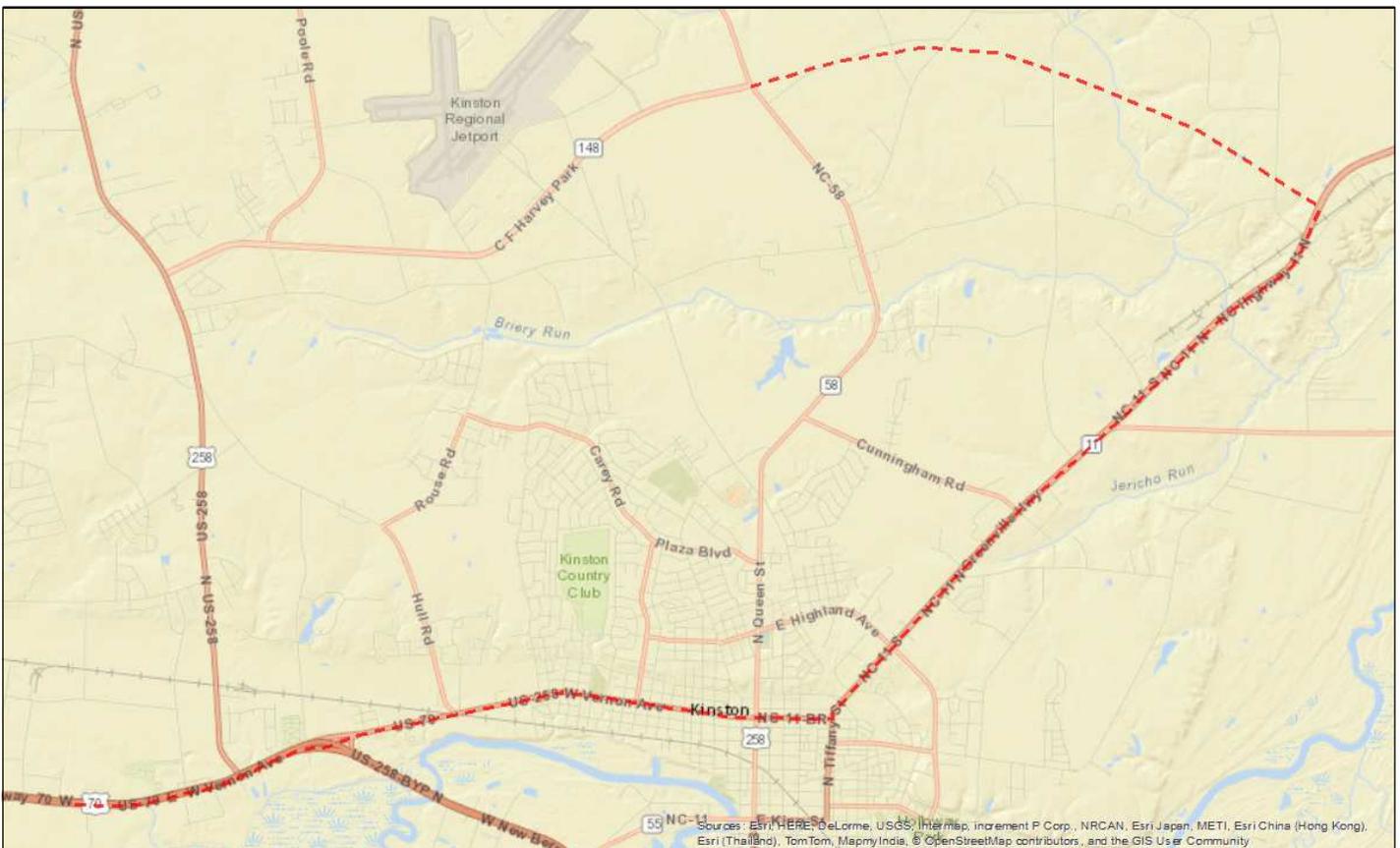
Expansion of Harvey Parkway, NC 58 to NC 11, Multi-Lanes on New Location.

**Division(s):** Division 2

**County(s):** LENOIR

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

### 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: 57.33**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%)      35.16	Percent: 15% Points: 100	Percent: 15% Points: 100
[Travel Time] Benefit/Cost (20%)      11.26		
Safety (25%)      65.16		
<b>Totals: Weight: 70% Weighted Score: 27.33</b>		

**Division Needs Total Score: 74.85**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)      41.53	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (20%)      65.16		
Multimodal + [Freight & Military] (10%)      35.16		
<b>Totals: Weight: 50% Weighted Score: 24.85</b>		

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

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	7
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	19195.84
Capacity:	34019.5
Volume/Capacity Ratio:	0.56
% Autos:	93%
% Trucks:	7%
Truck Volume:	1388.46
Crash Density:	58.95
Crash Severity:	82.49
Critical Crash Rate:	54.06
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:	72
Actual Congested Speed:	43.3
Travel Time Index:	0.99

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	4.07
Facility Type:	Multi-Lane Highway
Access Control:	Limited
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):	31230320.16
Travel Time Savings for 30 Years (Autos):	28971392.42
Travel Time Savings for 30 Years (Trucks):	2258927.74
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
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 On!ine tool and associated databases.

**Project Ownership**

**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$56,886,000	TIP Unit
Right-of-Way Cost:	\$5,332,000	Cost Estimation Tool
Utilities Cost:	\$640,000	Cost Estimation Tool
Total Project Cost:	\$62,858,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$62,858,000</b>	