



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H141345

**Mode:** Highway

**Status:** Submitted

## US-29 ALT (Wilkinson Blvd)

**From/Cross Street:** NC 7 (Catawba Street)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** East Bank of Catawaba River

**Project Category:** Regional Impact

**Length:** 0.46

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$27,848,000

### Description:

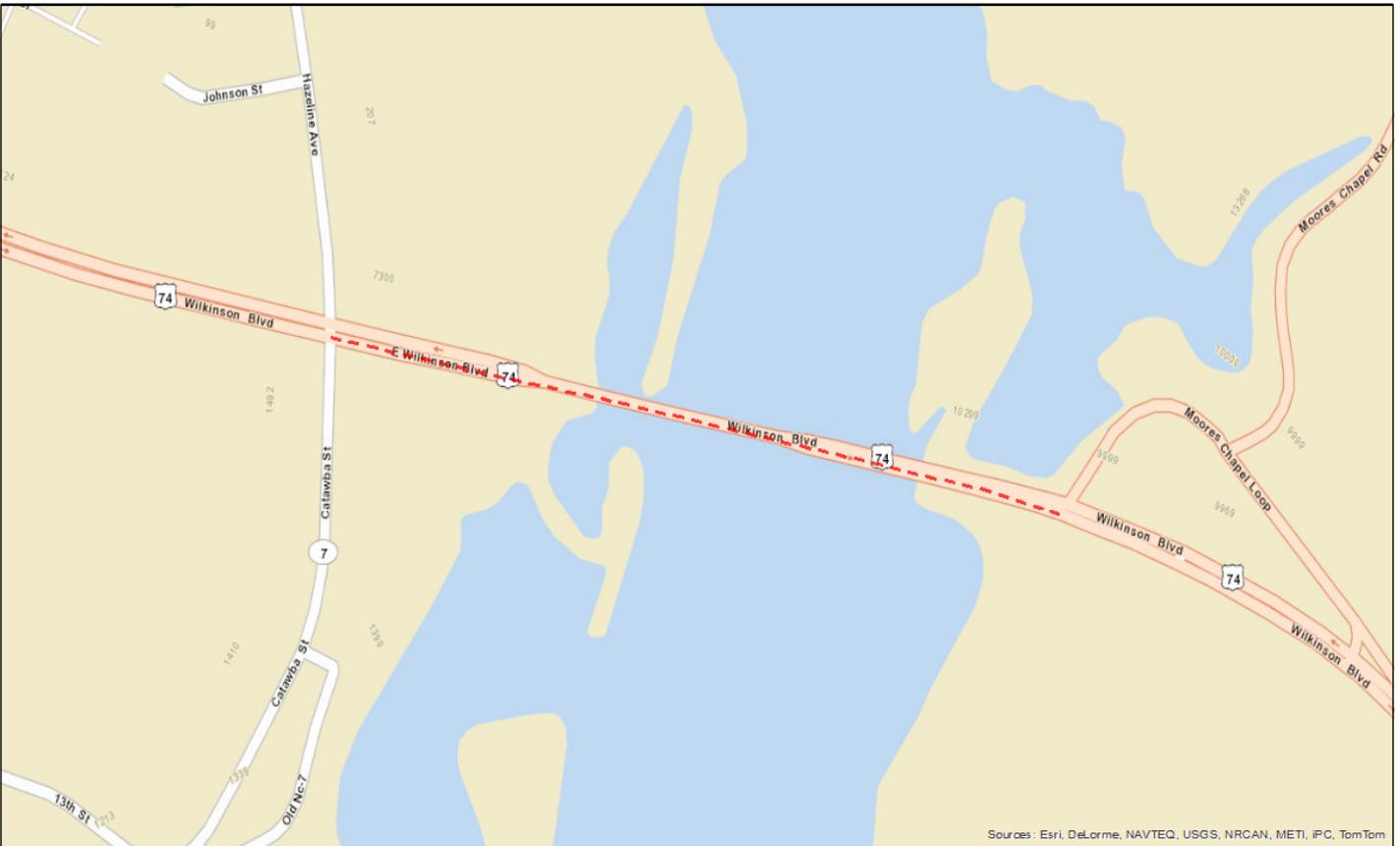
Widen existing four-lane bridge and cross section to six-lanes. The road on both sides of the bridge will be widened to six lanes

**Division(s):** Division 12, Division 10

**County(s):** GASTON, MECKLENBURG

**MPOS(s)/RPO(s):** Gaston-Cleveland-Lincoln MPO, Charlotte Regional Transportation Planning Organization

### 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
	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
[Travel Time] Benefit/Cost (25%) 1.09	Percent: 15% Points:	Percent: 15% Points:
Accessibility / Connectivity (10%) 53.33		
Congestion (V/C) (25%) 31.42		
Safety (10%) 64.18		
<b>Totals: Weight: 70% Weighted Score: 19.88</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 64.18	Percent: 25% Points:	Percent: 25% Points:
[Travel Time] Benefit/Cost (20%) 1.09		
Congestion (V/C) (20%) 31.42		
<b>Totals: Weight: 50% Weighted Score: 12.92</b>		

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

Existing Cross-Section:	
Speed Limit:	43
Length (miles):	0.46
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	Yes
Volume (AADT):	17000.04
Capacity:	41426.26
Volume/Capacity Ratio:	0.41
% Autos:	92%
% Trucks:	8%
Truck Volume:	1285.54
Crash Density:	59.2
Crash Severity:	79.63
Critical Crash Rate:	53.73
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:	83
Actual Congested Speed:	39
Travel Time Index:	0.9

**Project Benefits**

Project Cross-Section:	6B - 6 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	55
Length (miles):	0.46
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	1323656.8
Travel Time Savings for 30 Years (Autos):	1223562.32
Travel Time Savings for 30 Years (Trucks):	100094.48
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:	2040 MTP
CTP/LRTP Completion Year:	2014
Submitted by:	Gaston-Cleveland-Lincoln MPO

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 12	61%	0	0
Division 10	39%	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>
Gaston-Cleveland-Lincoln MPO	63%	0	0
Charlotte Regional Transportation Planning Organization	37%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$25,262,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,309,000	Cost Estimation Tool
Utilities Cost:	\$277,000	Cost Estimation Tool
Total Project Cost:	\$27,848,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$27,848,000</b>	