



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090607

Mode: Highway

Status: Submitted

## NC-62

From/Cross Street: Archdale City Limits

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-74

Project Category: Regional Impact

Length: 4.52

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$47,200,000

### Description:

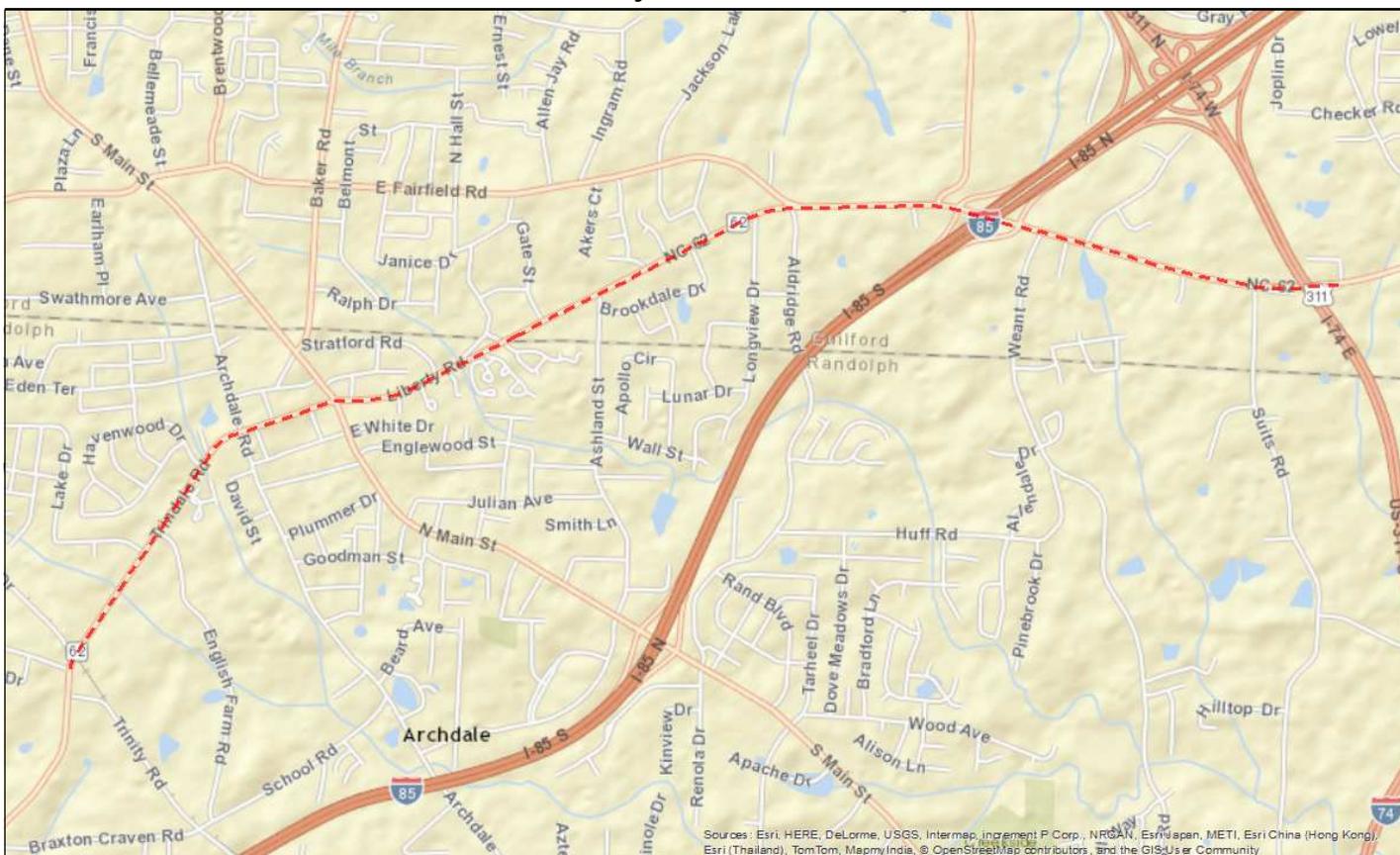
Widen NC 62 to a Multi-Lane Divided Facility with Sidewalks on Both Sides.

Division(s): Division 7, Division 8

County(s): GUILFORD, RANDOLPH

MPOS(s)/RPO(s): High Point Urban Area MPO

### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**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: 29.26**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 28.39	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 62.64		
[Travel Time] Benefit/Cost (25%) 0.18		
Accessibility / Connectivity (10%) 8.51		
<b>Totals: Weight: 70% Weighted Score: 14.26</b>		

**Division Needs Total Score: 11.98**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.18	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 62.64		
Congestion (V/C) (20%) 28.39		
<b>Totals: Weight: 50% Weighted Score: 11.98</b>		

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

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	4.52
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	6763.54
Capacity:	15799.84
Volume/Capacity Ratio:	0.43
% Autos:	95%
% Trucks:	5%
Truck Volume:	329.37
Crash Density:	68.47
Crash Severity:	63.36
Critical Crash Rate:	56.12
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	79
Actual Congested Speed:	38.05
Travel Time Index:	1.11

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	42
Length (miles):	4.52
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	378792.5
Travel Time Savings for 30 Years (Autos):	360346.26
Travel Time Savings for 30 Years (Trucks):	18446.24
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 7

\* 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 7	60%	0	0
Division 8	40%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
High Point Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$39,444,000	TIP Unit
Right-of-Way Cost:	\$6,925,000	Cost Estimation Tool
Utilities Cost:	\$831,000	Cost Estimation Tool
Total Project Cost:	\$47,200,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$47,200,000</b>	