



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090325-B

Mode: Highway

Status: Submitted

## (Eastside Thoroughfare/McDonald Pkwy)

From/Cross Street: SR 1453 (Springs Road),

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 127

Project Category: Division Needs

Length: 3.19

TIP#: U-2307B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$36,998,000

### Description:

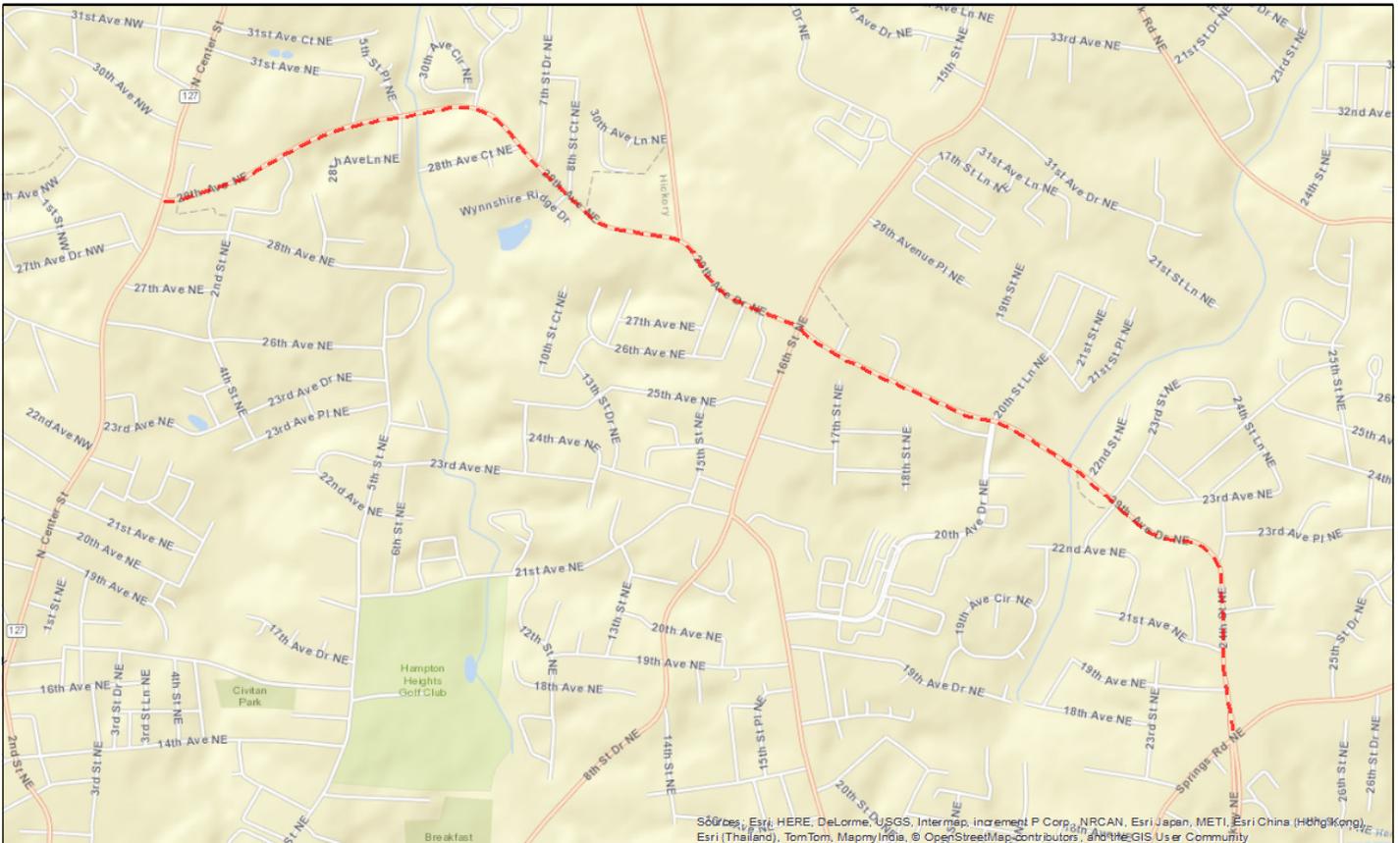
US 70-321 to NC 127. Multi-Lanes, Part on New Location. Section B: SR 1453 (Springs Road) to NC 127.

Division(s): Division 12

County(s): CATAWBA

MPOS(s)/RPO(s): Greater Hickory MPO

### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
	N/A	N/A
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
	Percent: 15% Points: 0	Percent: 15% Points: 0
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Division Needs Total Score: 29.86**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%)                      41.87	Percent: 25% Points: 0	Percent: 25% Points: 70
Safety (10%)                                      38.56		
[Travel Time] Benefit/Cost (20%)            0.66		
<b>Totals: Weight: 50% Weighted Score: 12.36</b>		

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

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	3.19
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10157.2
Capacity:	16120.51
Volume/Capacity Ratio:	0.63
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	47.34
Crash Severity:	31.32
Critical Crash Rate:	37.03
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:	74
Actual Congested Speed:	0
Travel Time Index:	0

**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):	3.19
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1102400.38
Travel Time Savings for 30 Years (Autos):	1102400.38
Travel Time Savings for 30 Years (Trucks):	0
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 12

\* 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 12	100%	0	0
	0%	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
Greater Hickory MPO	100%	0	70
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>70</b>

**Project Cost and Source**

Construction Cost:	\$26,676,000	TIP Unit
Right-of-Way Cost:	\$9,216,000	Cost Estimation Tool
Utilities Cost:	\$1,106,000	Cost Estimation Tool
Total Project Cost:	\$36,998,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$36,998,000</b>	