



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090320

Mode: Highway

Status: Submitted

## SR-1009 (Charlotte Avenue)

From/Cross Street: CSX Railroad

Specific Improvement Type: 1 - Widen Existing Roadway

To: Concord Avenue

Project Category: Division Needs

Length: 0.32

TIP#: U-0213

Fully Funded in Draft STIP? No

Cost to NCDOT: \$41,229,000

### Description:

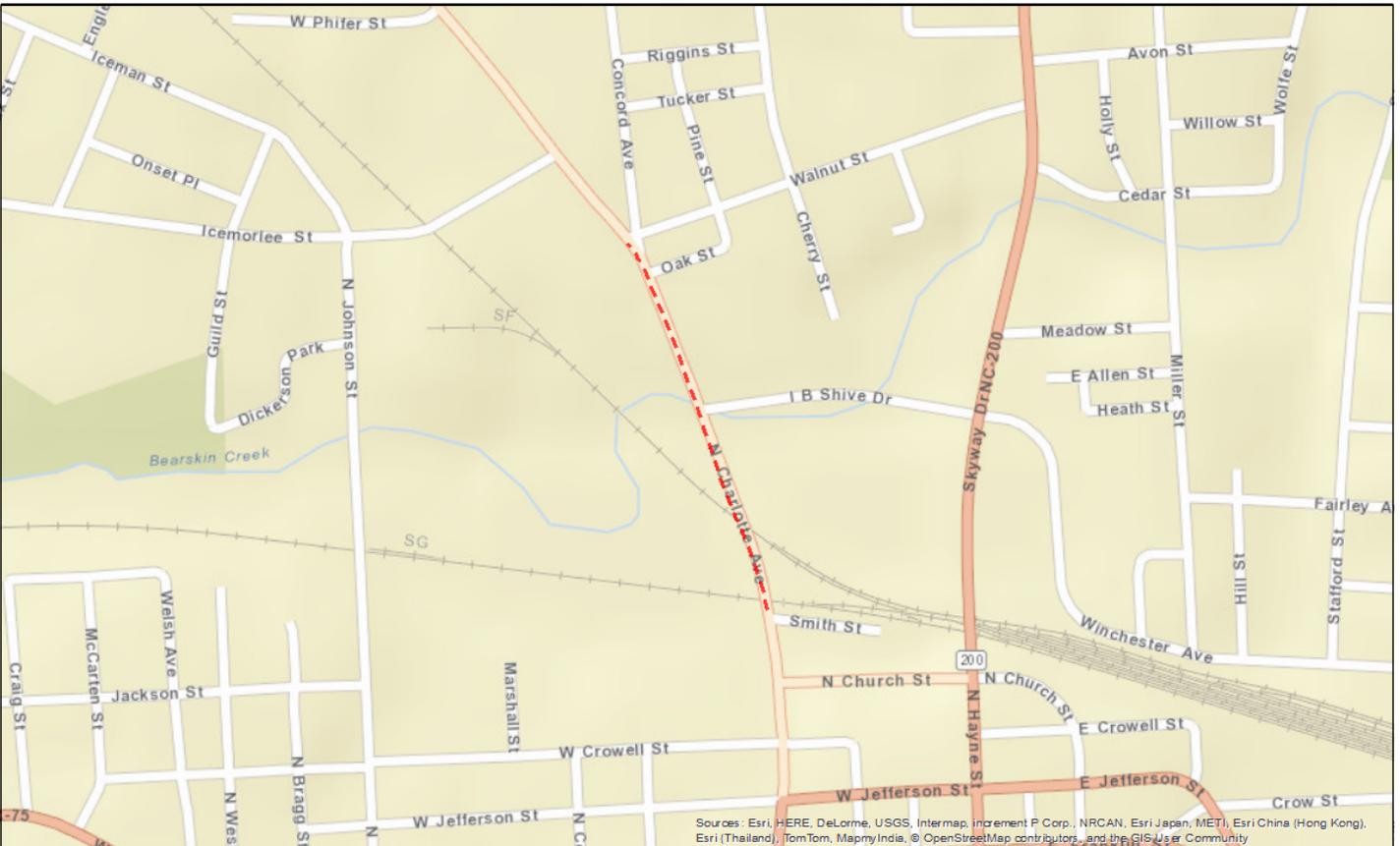
Csx Railroad to Concord Avenue. Widen to Multi-Lanes.

Division(s): Division 10

County(s): UNION

MPOS(s)/RPO(s): Charlotte Regional Transportation Planning Organization

### 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: 0**

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

**Division Needs Total Score: 50.19**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)                      80.57	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%)                                      88.89		
[Travel Time] Benefit/Cost (20%)            0.95		
<b>Totals: Weight: 50% Weighted Score: 25.19</b>		

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

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.32
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	19195.29
Capacity:	15800.21
Volume/Capacity Ratio:	1.21
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	100
Crash Severity:	66.7
Critical Crash Rate:	100
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	28
Travel Time Index:	1.25

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	0.32
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1785090.72
Travel Time Savings for 30 Years (Autos):	1785090.72
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 10

\* 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 10	100%	0	0
	0%	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>
Charlotte Regional Transportation Planning Organization	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$40,463,000	TIP Unit
Right-of-Way Cost:	\$359,000	TIP Unit
Utilities Cost:	\$407,000	TIP Unit
Total Project Cost:	\$41,229,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$41,229,000</b>	