



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141244

Mode: Highway

Status: Submitted

## US-220 BUS

From/Cross Street: NC 42 / Salisbury St

Specific Improvement Type: 1 - Widen Existing Roadway

To: Academy St

Project Category: Regional Impact

Length: 0.62

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$1,848,000

### Description:

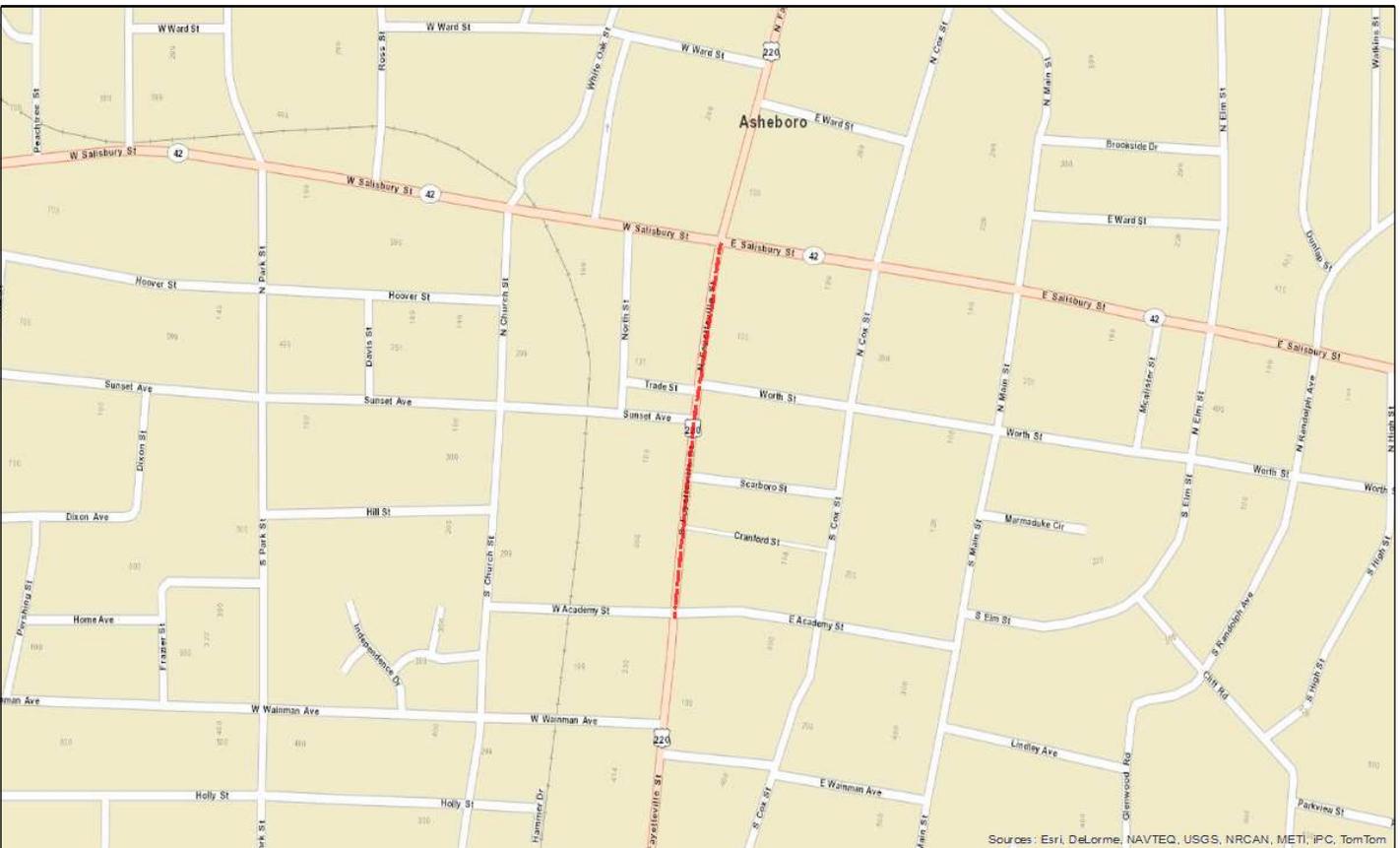
Reconfigure roadway reducing 4 lanes to 2 lanes with a 2 dedicated left turn lanes at key intersections

Division(s): Division 8

County(s): RANDOLPH

MPOS(s)/RPO(s): Piedmont Triad RPO

### 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
Congestion (V/C) (25%) 26.56	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 69.80		
[Travel Time] Benefit/Cost (25%) 4.38		
Accessibility / Connectivity (10%) 7.72		
<b>Totals: Weight: 70% Weighted Score: 15.49</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 26.56	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 69.80		
[Travel Time] Benefit/Cost (20%) 4.38		
<b>Totals: Weight: 50% Weighted Score: 13.17</b>		

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

Existing Cross-Section:	
Speed Limit:	20
Length (miles);	0.62
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	11585.14
Capacity:	31700
Volume/Capacity Ratio:	0.37
% Autos:	96%
% Trucks:	4%
Truck Volume:	437.33
Crash Density:	71.47
Crash Severity:	66.48
Critical Crash Rate:	71.47
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	87
Actual Congested Speed:	28
Travel Time Index:	0.71

**Project Benefits**

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	25
Length (miles):	0.62
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	362155.64
Travel Time Savings for 30 Years (Autos):	348484.55
Travel Time Savings for 30 Years (Trucks):	13671.09
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:	Piedmont Triad RPO

\* 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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	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>
Piedmont Triad RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$1,092,000	Cost Estimation Tool
Right-of-Way Cost:	\$675,000	Cost Estimation Tool
Utilities Cost:	\$81,000	Cost Estimation Tool
Total Project Cost:	\$1,848,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$1,848,000</b>	