



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129004-B

Mode: Highway

Status: Submitted

## US-220 (Battleground Avenue)

From/Cross Street: Westridge Road

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#: U-5306B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$3,530,000

### Description:

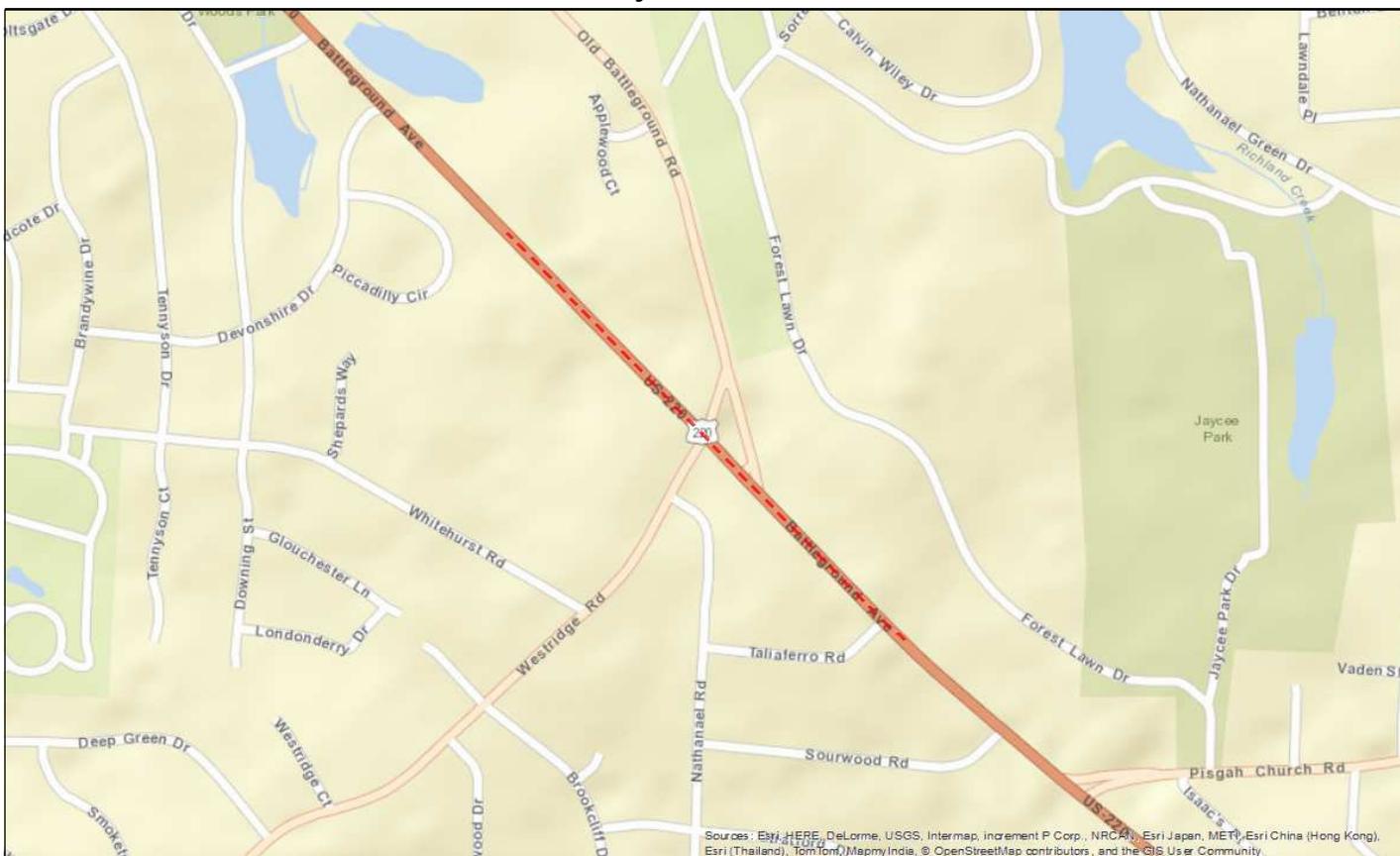
Improve Intersection

Division(s): Division 7

County(s): GUILFORD

MPOS(s)/RPO(s): Greensboro Urban Area MPO

### 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: 74.76**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 43.85	Percent: 15% Points: 0	Percent: 15% Points: 100
Congestion (V/C) (25%) 88.55		
Safety (10%) 83.35		
[Travel Time] Benefit/Cost (25%) 99.62		
<b>Totals: Weight: 70% Weighted Score: 59.76</b>		

**Division Needs Total Score: 70.97**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 83.35	Percent: 25% Points: 0	Percent: 25% Points: 100
[Travel Time] Benefit/Cost (20%) 99.62		
Congestion (V/C) (20%) 88.55		
<b>Totals: Weight: 50% Weighted Score: 45.97</b>		

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

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	65769.86
Capacity:	63400
Volume/Capacity Ratio:	1.04
% Autos:	97%
% Trucks:	3%
Truck Volume:	1826.56
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	82
Actual Congested Speed:	32.5
Travel Time Index:	1.38

**Project Benefits**

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
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):	15801000
Travel Time Savings for 30 Years (Autos):	15362173.72
Travel Time Savings for 30 Years (Trucks):	438826.28
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	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
Greensboro Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$3,100,000	TIP Unit
Right-of-Way Cost:	\$430,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$3,530,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$3,530,000</b>	