



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141623

Mode: Highway

Status: Submitted

US-601, US-52

From/Cross Street: US 52

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,325,000

Description:

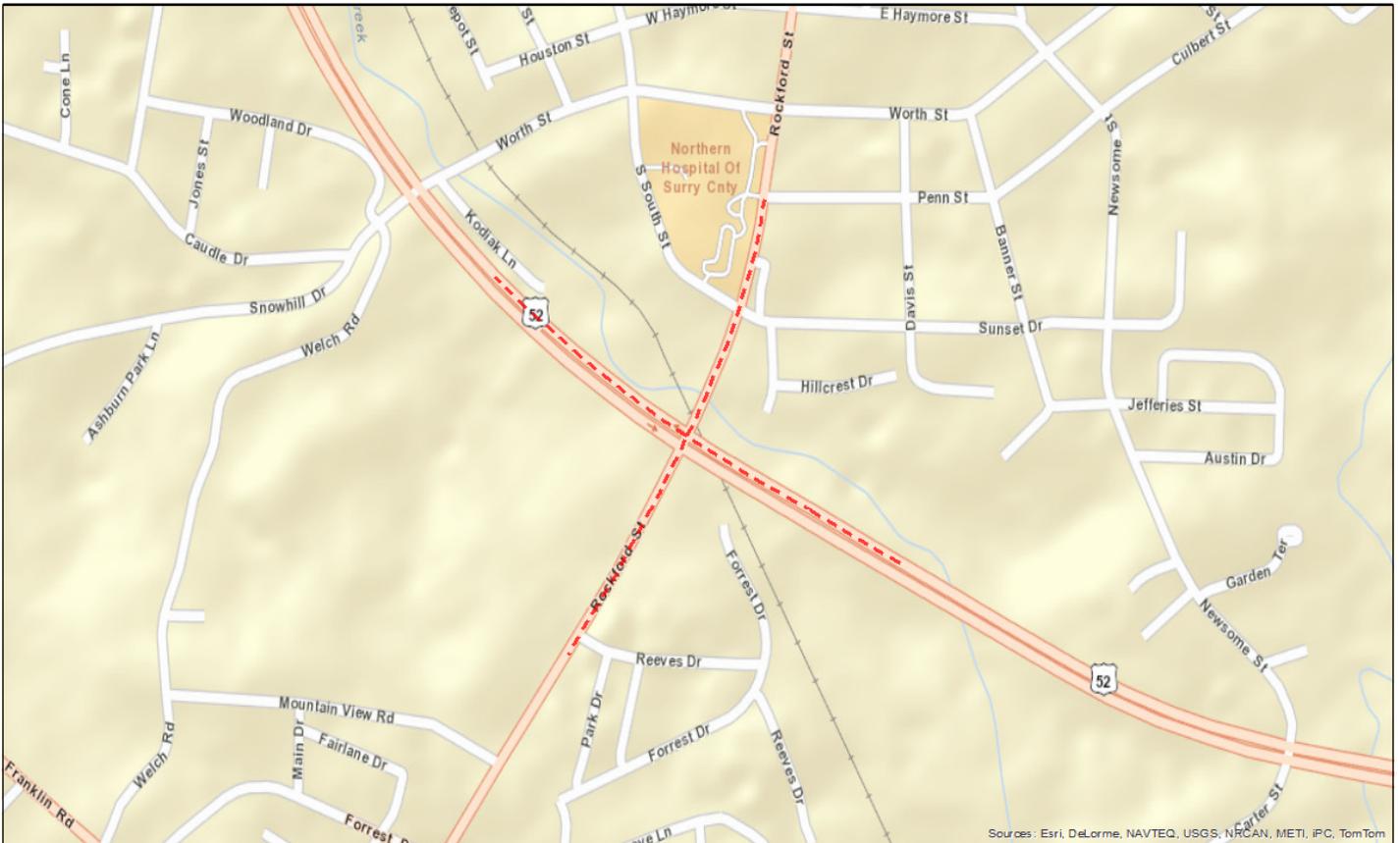
Improve intersection by upgrading signalization, installing pedestrian crossings, and improving railroad crossing

Division(s): Division 11

County(s): SURRY

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

Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IFC, TomTom

Statewide Mobility Total Score: 0

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

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 36.99	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (25%) 62.33		
Safety (10%) 50.00		
[Travel Time] Benefit/Cost (25%) 0.00		
Totals: Weight: 70% Weighted Score: 24.28		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 62.33	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 50.00		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 17.47		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	37485.66
Capacity:	47511.4
Volume/Capacity Ratio:	0.79
% Autos:	95%
% Trucks:	5%
Truck Volume:	1839.84
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	66.7
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	94
Actual Congested Speed:	32.72
Travel Time Index:	1.38

Project Benefits

Project Cross-Section:	
Speed Limit:	48
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):	0
Travel Time Savings for 30 Years (Autos):	0
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?	Yes
CTP/LRTP Name:	Surry County CTP
CTP/LRTP Completion Year:	2012
Submitted by:	Northwest Piedmont 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**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$1,875,000	Cost Estimation Tool
Right-of-Way Cost:	\$450,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$2,325,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,325,000	