



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129051

Mode: Highway

Status: Submitted

US-221 ALT

From/Cross Street: SR 1920 (Main Street) in Henrietta **Specific Improvement Type:** 16 - Modernize Roadway

To: SR 1941 (Melton Street) in Caroleen

Project Category: Regional Impact

Length: 1.05

TIP#: R-3612

Fully Funded in Draft STIP? No

Cost to NCDOT: \$5,800,000

Description:

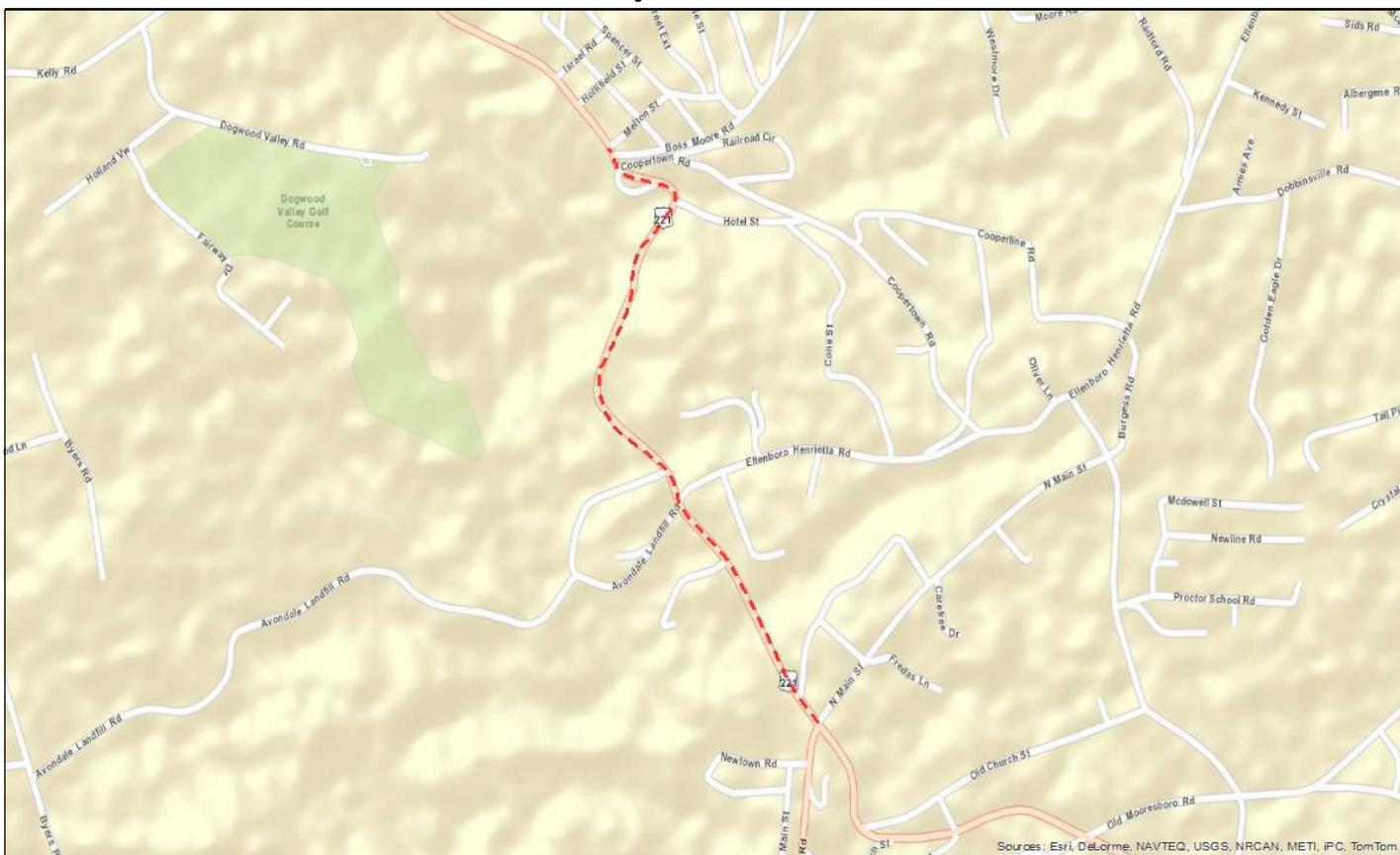
Modernize Roadway

Division(s): Division 13

County(s): RUTHERFORD

MPOS(s)/RPO(s): Isothermal RPO

Project Location



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
Congestion (V/C) (25%) 11.70	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 39.54		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 16.79		
Totals: Weight: 70% Weighted Score: 8.56		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%) 11.70		
Safety (10%) 39.54		
Totals: Weight: 50% Weighted Score: 6.29		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles);	1.05
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	2788.36
Capacity:	15800
Volume/Capacity Ratio:	0.18
% Autos:	97%
% Trucks:	3%
Truck Volume:	82.04
Crash Density:	48.96
Crash Severity:	5.03
Critical Crash Rate:	64.64
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	78
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	35
Length (miles):	1.05
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
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?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* 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 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$4,600,000	TIP Unit
Right-of-Way Cost:	\$900,000	TIP Unit
Utilities Cost:	\$300,000	TIP Unit
Total Project Cost:	\$5,800,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,800,000	