



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090590

Mode: Highway

Status: Submitted

US-15

From/Cross Street: I-85

Specific Improvement Type: 16 - Modernize Roadway

To: Southern Creedmoor Planning Boundary

Project Category: Regional Impact

Length: 13.36

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$35,682,000

Description:

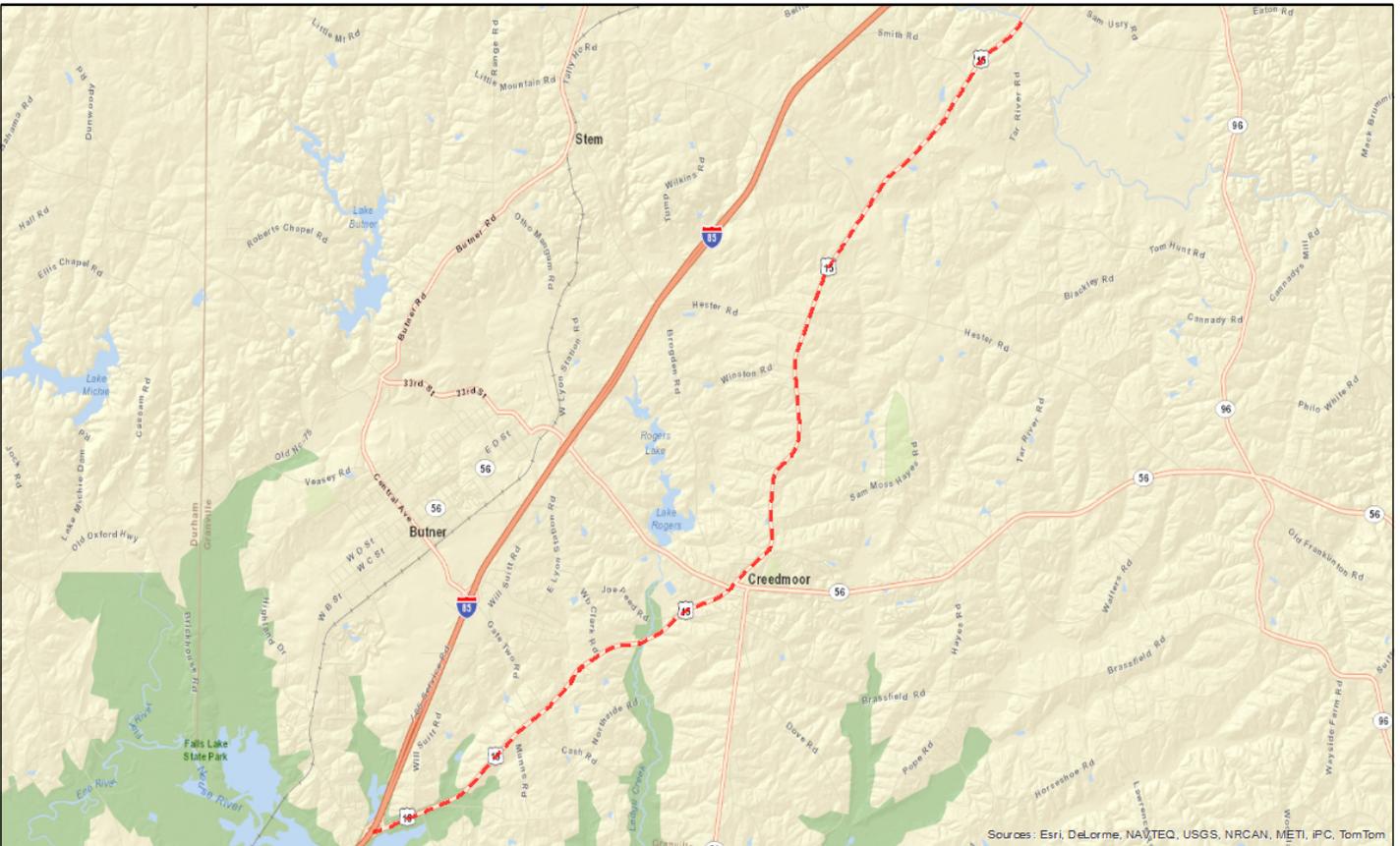
Rehab pavement and widen to 24' cross section including wide outside shoulders.

Division(s): Division 5

County(s): GRANVILLE

MPOS(s)/RPO(s): Capital 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
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%) 19.96	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 47.06		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 17.12		
Totals: Weight: 70% Weighted Score: 11.41		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 47.06	Percent: 25% Points:	Percent: 25% Points:
[Travel Time] Benefit/Cost (20%) 0.00		
Congestion (V/C) (20%) 19.96		
Totals: Weight: 50% Weighted Score: 8.7		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles);	13.36
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4684.43
Capacity:	15537.4
Volume/Capacity Ratio:	0.3
% Autos:	94%
% Trucks:	6%
Truck Volume:	282.32
Crash Density:	51.48
Crash Severity:	49.9
Critical Crash Rate:	39.81
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	63
Actual Congested Speed:	50.11
Travel Time Index:	0.96

Project Benefits

Project Cross-Section:	
Speed Limit:	48
Length (miles):	13.36
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
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 5

* 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 5	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$35,682,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$35,682,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$35,682,000	