



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090177

Mode: Highway

Status: Submitted

US-15, US-501

From/Cross Street: NC 87

Specific Improvement Type: 5 - Construct Roadway on New Location

To: US 64

Project Category: Regional Impact

Length: 4.42

TIP#: R-2628

Fully Funded in Draft STIP? No

Cost to NCDOT: \$53,193,000

Description:

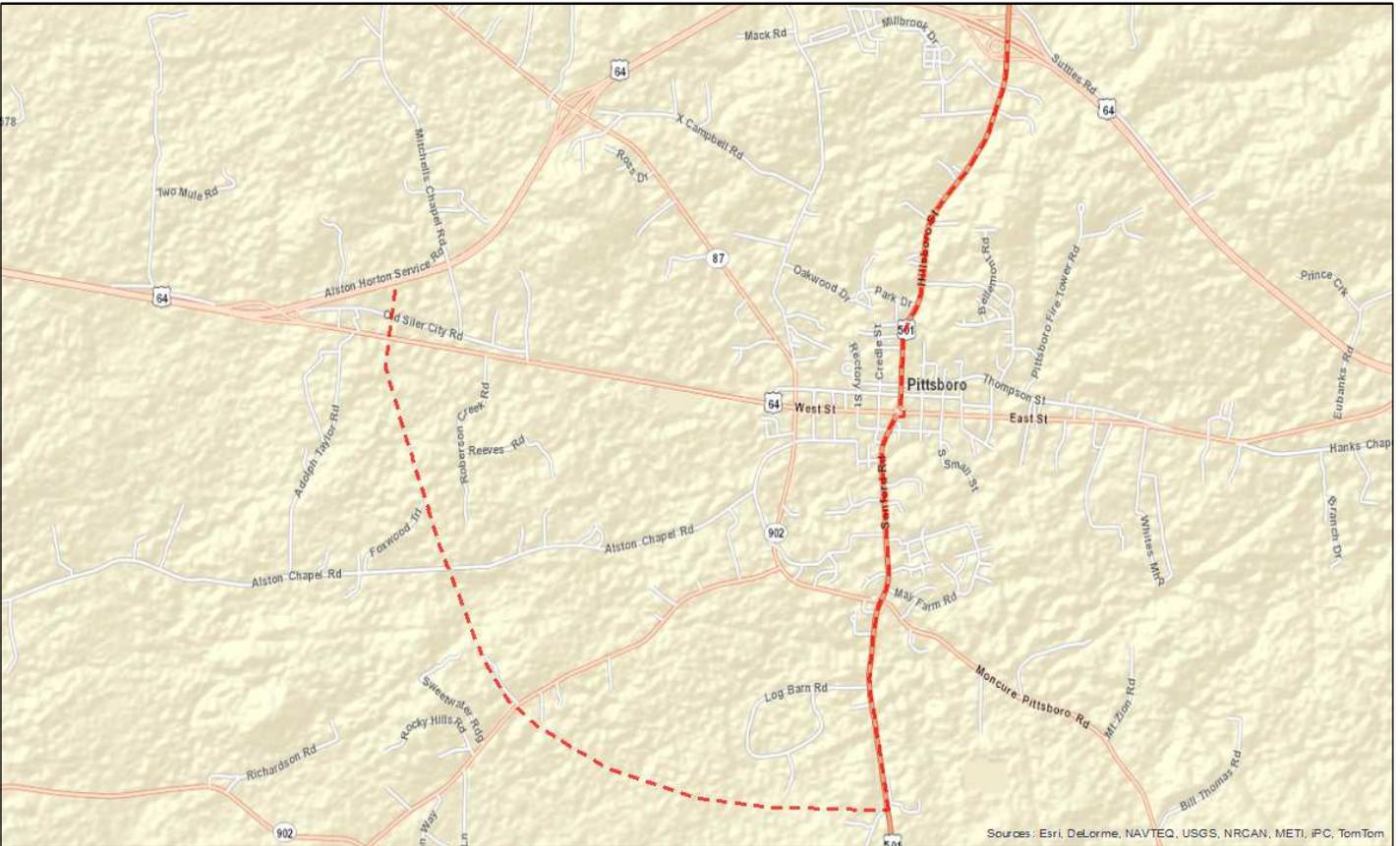
Pittsboro, NC 87 to US 64. Two Lanes on Multi-Lane Right of Way, New Location.

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area 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
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%) 48.49	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 38.96		
[Travel Time] Benefit/Cost (25%) 6.53		
Accessibility / Connectivity (10%) 11.83		
Totals: Weight: 70% Weighted Score: 18.84		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 48.49	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 38.96		
[Travel Time] Benefit/Cost (20%) 6.53		
Totals: Weight: 50% Weighted Score: 14.9		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles);	5.7
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	11500.58
Capacity:	15721.72
Volume/Capacity Ratio:	0.73
% Autos:	94%
% Trucks:	6%
Truck Volume:	651.36
Crash Density:	50.69
Crash Severity:	25.24
Critical Crash Rate:	40.97
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	69
Actual Congested Speed:	38.59
Travel Time Index:	1.08

Project Benefits

Project Cross-Section:	2A - 2 Lane Undivided with Paved Shoulders, 55 mph
Speed Limit:	55
Length (miles):	4.42
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	15432321
Travel Time Savings for 30 Years (Autos):	14558283.97
Travel Time Savings for 30 Years (Trucks):	874037.03
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 8

* 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 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$52,098,000	TIP Unit
Right-of-Way Cost:	\$978,000	Cost Estimation Tool
Utilities Cost:	\$117,000	Cost Estimation Tool
Total Project Cost:	\$53,193,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$53,193,000	