



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090254

Mode: Highway

Status: Submitted

NC-8

From/Cross Street: NC 89 (Southern intersection)
North of Walnut Cove

Specific Improvement Type: 16 - Modernize Roadway

To: Virginia State Line

Project Category: Regional Impact

Length: 15.39

TIP#: R-3801

Fully Funded in Draft STIP? No

Cost to NCDOT: \$54,455,000

Description:

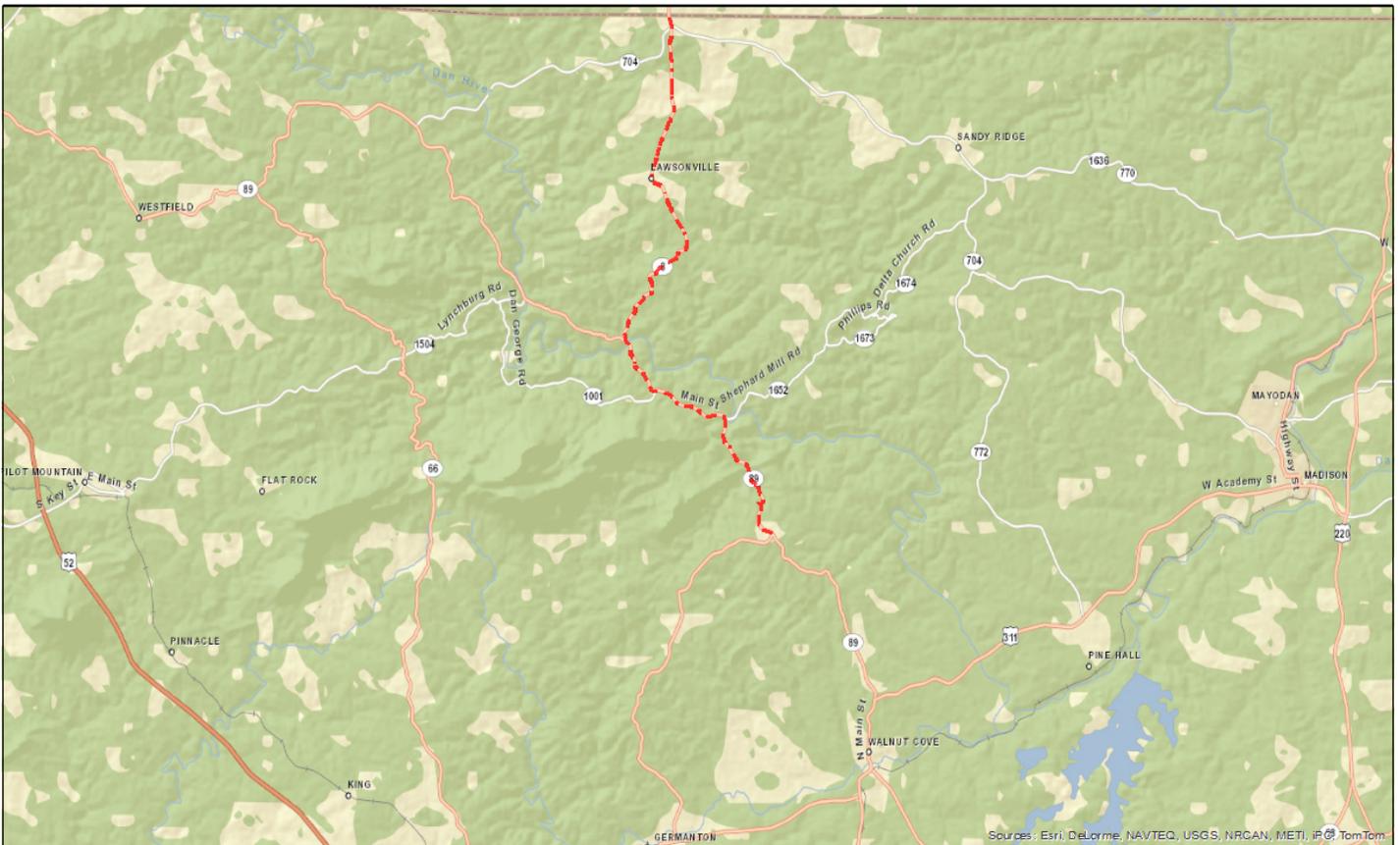
NC 65 at Germantown to the Virginia State Line. Upgrade Two Lane Facility to Two 12-Foot Lanes. This Project Has Been Completed from NC 65/NC8 intersection in Germantown to NC 8/NC 89 intersection North of Walnut Cove.

Division(s): Division 9

County(s): STOKES

MPOS(s)/RPO(s): Northwest Piedmont RPO, Winston Salem 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
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%) 9.14	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 49.10		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 19.43		
Totals: Weight: 70% Weighted Score: 9.14		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 9.14	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 49.10		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 6.74		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles);	15.39
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	2144.97
Capacity:	15540.54
Volume/Capacity Ratio:	0.14
% Autos:	92%
% Trucks:	8%
Truck Volume:	163.48
Crash Density:	49.21
Crash Severity:	45.81
Critical Crash Rate:	52.28
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	29
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	71
Actual Congested Speed:	34.27
Travel Time Index:	1.41

Project Benefits

Project Cross-Section:	
Speed Limit:	48
Length (miles):	15.39
Facility Type:	Two Lane Highway
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 9

* 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 9	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
Winston Salem Urban Area MPO	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$43,800,000	TIP Unit
Right-of-Way Cost:	\$5,300,000	TIP Unit
Utilities Cost:	\$5,355,000	TIP Unit
Total Project Cost:	\$54,455,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$54,455,000	