



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090861

Mode: Highway

Status: Submitted

US-311

From/Cross Street: NC 65

Specific Improvement Type: 1 - Widen Existing Roadway

To: NC 89

Project Category: Regional Impact

Length: 2.42

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$22,416,000

Description:

Widen US 311 to Four Lane Facility in Two Different Locations Where there Is No on-Street Parking. - NC 65 to Second Street in Walnut Cove. - Seventh Street to NC-89 intersection in Walnut Cove. - Second Street to Seventh Street Will Be Left Alone Du

Division(s): Division 9

County(s): STOKES

MPOS(s)/RPO(s): Northwest Piedmont 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
[Travel Time] Benefit/Cost (25%) 1.19	Percent: 15% Points:	Percent: 15% Points:
Accessibility / Connectivity (10%) 12.77		
Congestion (V/C) (25%) 42.85		
Safety (10%) 25.20		
Totals: Weight: 70% Weighted Score: 14.81		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 25.20	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%) 42.85		
[Travel Time] Benefit/Cost (20%) 1.19		
Totals: Weight: 50% Weighted Score: 11.33		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	39
Length (miles):	2.42
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	10157.63
Capacity:	15714.1
Volume/Capacity Ratio:	0.65
% Autos:	95%
% Trucks:	5%
Truck Volume:	528.21
Crash Density:	27.49
Crash Severity:	34.37
Critical Crash Rate:	13.75
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	33.64
Travel Time Index:	1.2

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	40
Length (miles):	2.42
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1191033.71
Travel Time Savings for 30 Years (Autos):	1129098.85
Travel Time Savings for 30 Years (Trucks):	61934.86
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 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
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$17,214,000	TIP Unit
Right-of-Way Cost:	\$4,645,000	Cost Estimation Tool
Utilities Cost:	\$557,000	Cost Estimation Tool
Total Project Cost:	\$22,416,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$22,416,000	