



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090180

**Mode:** Highway

**Status:** Submitted

## NC-268

**From/Cross Street:** South Key Street

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** Old US 52

**Project Category:** Regional Impact

**Length:** 1.8

**TIP#:** R-2640

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$11,141,000

### Description:

Pilot Mountain, South Key Street to Old US 52. Two Lanes on Multi- Lane Right of Way, New Location.

**Division(s):** Division 11

**County(s):** SURRY

**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
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 31.46	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 35.23		
[Travel Time] Benefit/Cost (25%) 2.31		
Accessibility / Connectivity (10%) 15.00		
<b>Totals: Weight: 70% Weighted Score: 13.47</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 31.46	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 35.23		
[Travel Time] Benefit/Cost (20%) 2.31		
<b>Totals: Weight: 50% Weighted Score: 10.28</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	2.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7495.59
Capacity:	15800
Volume/Capacity Ratio:	0.47
% Autos:	96%
% Trucks:	4%
Truck Volume:	335.86
Crash Density:	27.93
Crash Severity:	33.17
Critical Crash Rate:	44.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	83
Actual Congested Speed:	34.76
Travel Time Index:	0.72

**Project Benefits**

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	35
Length (miles):	1.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	1147227.2
Travel Time Savings for 30 Years (Autos):	1095822.33
Travel Time Savings for 30 Years (Trucks):	51404.87
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 11

\* 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 11	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$10,032,000	TIP Unit
Right-of-Way Cost:	\$990,000	Cost Estimation Tool
Utilities Cost:	\$119,000	Cost Estimation Tool
Total Project Cost:	\$11,141,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$11,141,000</b>	