



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090061-DA

Mode: Highway

Status: Submitted

US-64

From/Cross Street: SR 1409 (Lake Park Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: Proposed Asheboro Bypass

Project Category: Statewide Mobility

Length: 6.56

TIP#: R-2220DA

Fully Funded in Draft STIP? No

Cost to NCDOT: \$51,300,000

Description:

Widen to Multi-Lanes.

Division(s): Division 8

County(s): RANDOLPH

MPOS(s)/RPO(s): Piedmont Triad RPO

Project Location



Statewide Mobility Total Score: 20.67

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 52.36 Congestion (V/C) (30%) 45.13 Economic Competitiveness (10%) 4.95 Multimodal + [Freight & Military] (20%) 5.96 [Travel Time] Benefit/Cost (30%) 0.71	N/A	N/A
Totals: Weight: 100% Weighted Score: 20.67		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 32.17 Congestion (V/C) (25%) 45.13 Safety (10%) 52.36 [Travel Time] Benefit/Cost (25%) 0.71	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 19.91		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 45.13 Safety (10%) 52.36 [Travel Time] Benefit/Cost (20%) 0.71	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 14.4		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	6.56
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	10565.62
Capacity:	15500
Volume/Capacity Ratio:	0.68
% Autos:	89%
% Trucks:	11%
Truck Volume:	1192.7
Crash Density:	65.5
Crash Severity:	49.25
Critical Crash Rate:	42.35
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	99
Actual Congested Speed:	55.36
Travel Time Index:	0.99

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	6.56
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1572193.4
Travel Time Savings for 30 Years (Autos):	1394716.45
Travel Time Savings for 30 Years (Trucks):	177476.95
Long-Term Employment:	28
% Change in Economy:	7.1E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
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
Piedmont Triad RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$38,300,000	TIP Unit
Right-of-Way Cost:	\$10,500,000	TIP Unit
Utilities Cost:	\$2,500,000	TIP Unit
Total Project Cost:	\$51,300,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$51,300,000	