



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090005-C

Mode: Highway

Status: Submitted

NC-69

From/Cross Street: Georgia State Line

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 64 (Hayesville Bypass)

Project Category: Statewide Mobility

Length: 3.52

TIP#: A-0011C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$43,700,000

Description:

Widen to Multi-Lanes.

Division(s): Division 14

County(s): CLAY

MPOS(s)/RPO(s): Southwestern RPO

Project Location



Statewide Mobility Total Score: 15.04

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%)	31.85	N/A	N/A
Safety (10%)	49.41		
Economic Competitiveness (10%)	0.95		
Multimodal + [Freight & Military] (20%)	2.06		
[Travel Time] Benefit/Cost (30%)	0.11		
Totals: Weight: 100% Weighted Score: 15.04			

Regional Impact Total Score: 45.17

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	31.85	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%)	49.41		
[Travel Time] Benefit/Cost (25%)	0.11		
Accessibility / Connectivity (10%)	22.37		
Totals: Weight: 70% Weighted Score: 15.17			

Division Needs Total Score: 61.33

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	31.85	Percent: 25% Points: 100	Percent: 25% Points: 100
[Travel Time] Benefit/Cost (20%)	0.11		
Safety (10%)	49.41		
Totals: Weight: 50% Weighted Score: 11.33			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	3.52
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	7457.29
Capacity:	15500.06
Volume/Capacity Ratio:	0.48
% Autos:	94%
% Trucks:	6%
Truck Volume:	412.53
Crash Density:	71.45
Crash Severity:	33.58
Critical Crash Rate:	43.2
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	67
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	3.52
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	223257.91
Travel Time Savings for 30 Years (Autos):	210907.56
Travel Time Savings for 30 Years (Trucks):	12350.35
Long-Term Employment:	4
% Change in Economy:	1.5E-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 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$29,000,000	TIP Unit
Right-of-Way Cost:	\$14,700,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$43,700,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$43,700,000	