



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111080

Mode: Highway

Status: Submitted

US-64

From/Cross Street: SR 1100 in Clay County

Specific Improvement Type: 1 - Widen Existing Roadway

To: East of NC 141 (end of R-0977C in Cherokee County)

Project Category: Regional Impact

Length: 8.71

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$73,153,000

Description:

Widen Roadway to Four Lanes with a Median

Division(s): Division 14

County(s): CLAY, CHEROKEE

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

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 6.66 Congestion (V/C) (25%) 28.31 Safety (10%) 42.84 [Travel Time] Benefit/Cost (25%) 0.00	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 12.03		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 42.84 Congestion (V/C) (20%) 28.31 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 9.95		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.71
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	6664.1
Capacity:	15594.38
Volume/Capacity Ratio:	0.43
% Autos:	92%
% Trucks:	8%
Truck Volume:	553.69
Crash Density:	51.57
Crash Severity:	41.35
Critical Crash Rate:	35.63
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:	93
Actual Congested Speed:	47.86
Travel Time Index:	1.1

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	8.71
Facility Type:	Arterial
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):	-5158232.4
Travel Time Savings for 30 Years (Autos):	-4729657.03
Travel Time Savings for 30 Years (Trucks):	-428575.37
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 14

* 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 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

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