



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090322-C

Mode: Highway

Status: Submitted

(New Route - Kannapolis Parkway)

From/Cross Street: NC 3

Specific Improvement Type: 5 - Construct Roadway on New Location

To: SR 1616 (Tuckaseegee Road)

Project Category: Division Needs

Length: 1.16

TIP#: U-2009C

Fully Funded in Draft STIP? No

Cost to NCDOT: \$13,467,000

Description:

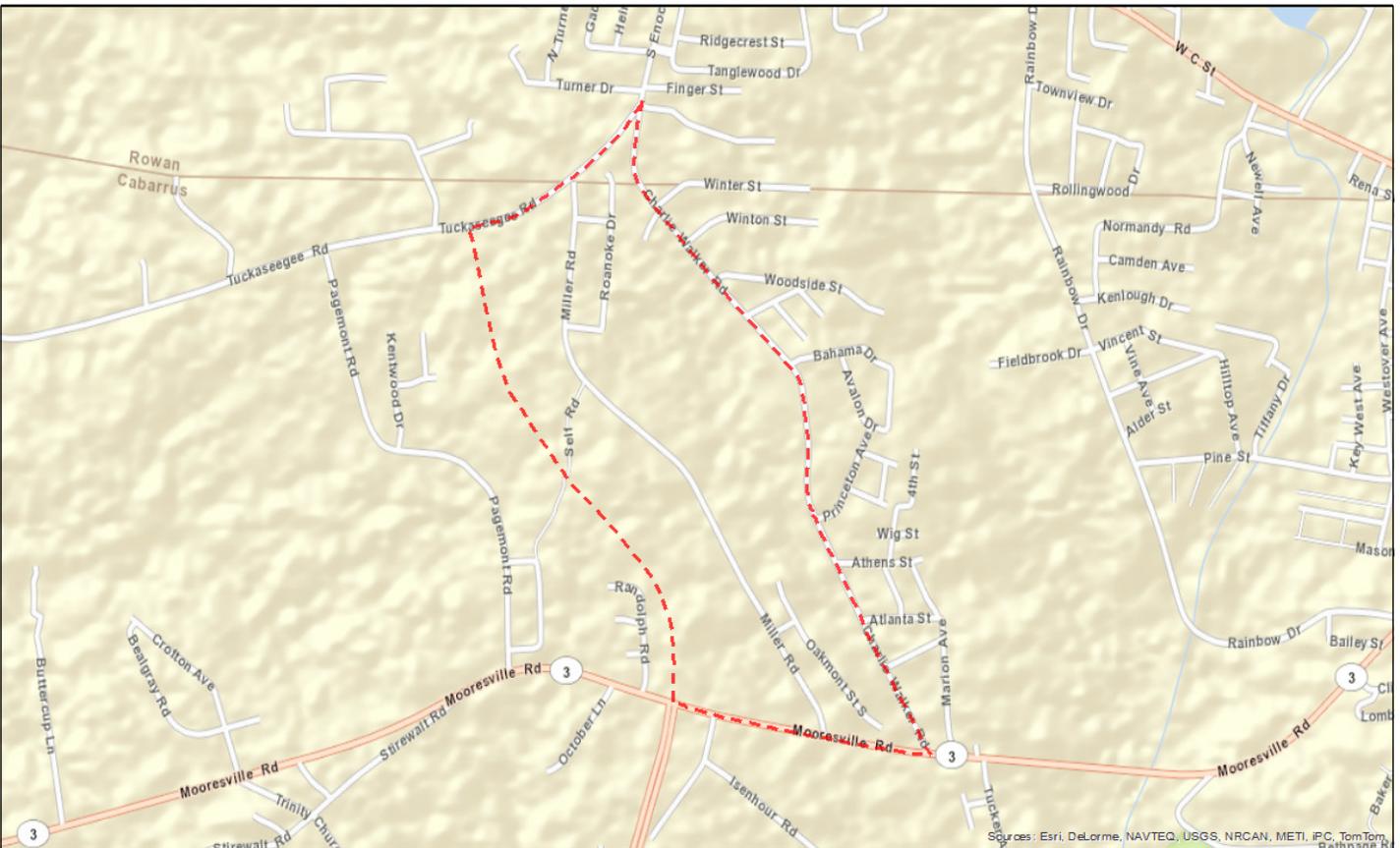
South of I-85 to SR 1616 (Tuckaseegee Road). Multi-Lanes on New Location. Section C: NC 3 to SR 1616 (Tuckaseegee Road).

Division(s): Division 10

County(s): CABARRUS

MPOS(s)/RPO(s): Cabarrus Rowan MPO

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
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 17.87 Safety (10%) 64.05 [Travel Time] Benefit/Cost (20%) 1.72	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 10.32		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	2
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):	4250.43
Capacity:	15773.48
Volume/Capacity Ratio:	0.27
% Autos:	94%
% Trucks:	6%
Truck Volume:	256.49
Crash Density:	81.19
Crash Severity:	54.15
Critical Crash Rate:	56.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	81
Actual Congested Speed:	9.5
Travel Time Index:	1.03

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	1.16
Facility Type:	Arterial
Access Control:	Partial
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):	1027626.63
Travel Time Savings for 30 Years (Autos):	965615.05
Travel Time Savings for 30 Years (Trucks):	62011.58
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 10

* 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 10	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$9,462,000	TIP Unit
Right-of-Way Cost:	\$3,576,000	Cost Estimation Tool
Utilities Cost:	\$429,000	Cost Estimation Tool
Total Project Cost:	\$13,467,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$13,467,000	