



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090397-B

Mode: Highway

Status: Submitted

SR-1394 (Poplar Tent Road)

From/Cross Street: Kannapolis Parkway

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 29/601

Project Category: Division Needs

Length: 3.08

TIP#: U-3415B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,119,000

Description:

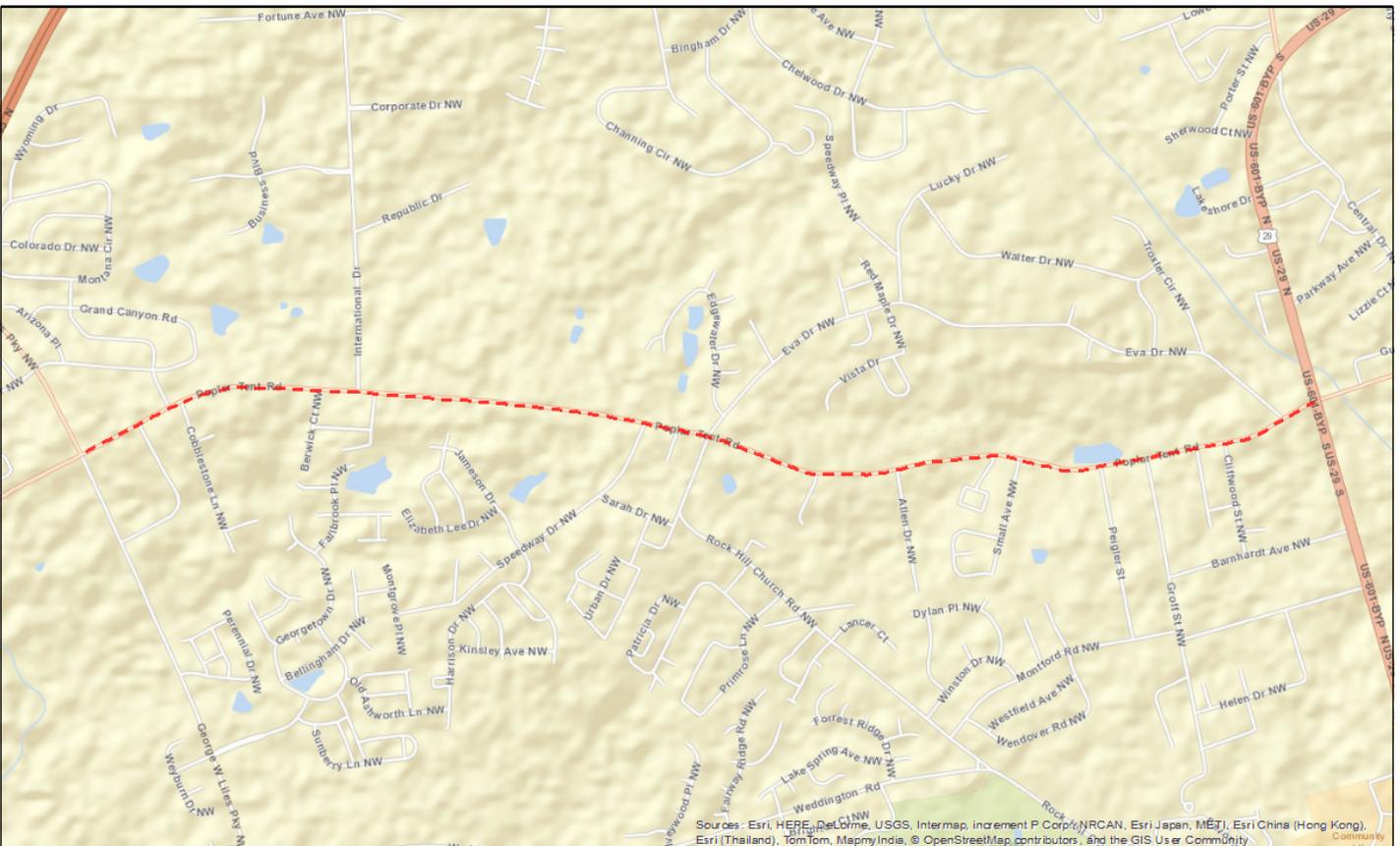
Widen to Multi-Lanes

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
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	Percent: 15% Points: 0	Percent: 15% Points: 0
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 71.67

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 60.65	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 85.41		
[Travel Time] Benefit/Cost (20%) 4.99		
Totals: Weight: 50% Weighted Score: 21.67		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	3.08
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	15227.64
Capacity:	16745.33
Volume/Capacity Ratio:	0.91
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.81
Crash Severity:	83.62
Critical Crash Rate:	72.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	25
Actual Congested Speed:	34
Travel Time Index:	1.32

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	3.08
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4339729.85
Travel Time Savings for 30 Years (Autos):	4339729.85
Travel Time Savings for 30 Years (Trucks):	0
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	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$19,000	TIP Unit
Right-of-Way Cost:	\$11,600,000	TIP Unit
Utilities Cost:	\$7,500,000	TIP Unit
Total Project Cost:	\$19,119,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$19,119,000	