



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090397-A

Mode: Highway

Status: Submitted

SR-1394 (Poplar Tent Road)

From/Cross Street: SR 1445 (Derita Road / Woodhaven Place / Gable Oaks Lane)

Specific Improvement Type: 1 - Widen Existing Roadway

To: George Liles Parkway

Project Category: Division Needs

Length: 1.35

TIP#: U-3415A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$25,800,000

Description:

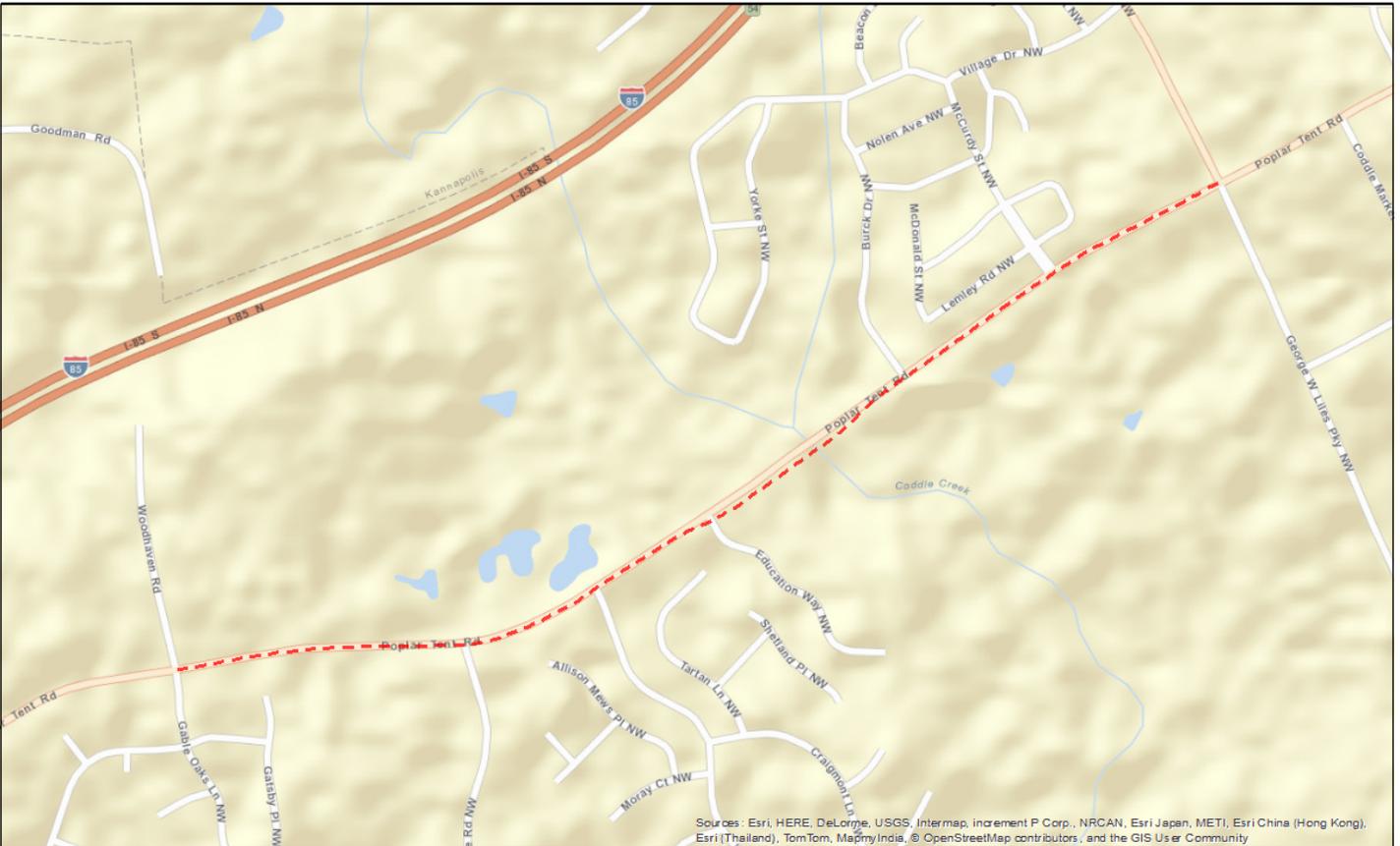
Widen to Multi-Lanes

Division(s): Division 10

County(s): CABARRUS

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

Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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: 43.27

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.76	Percent: 25% Points: 0	Percent: 25% Points: 100
Congestion (V/C) (20%) 50.51		
Safety (10%) 80.22		
Totals: Weight: 50% Weighted Score: 18.27		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	1.35
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	14236.34
Capacity:	19061.21
Volume/Capacity Ratio:	0.75
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.85
Crash Severity:	76.59
Critical Crash Rate:	64.23
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	14
Actual Congested Speed:	34.99
Travel Time Index:	1.29

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	1.35
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):	886380.74
Travel Time Savings for 30 Years (Autos):	886380.74
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	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	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$15,800,000	TIP Unit
Right-of-Way Cost:	\$6,300,000	TIP Unit
Utilities Cost:	\$3,700,000	TIP Unit
Total Project Cost:	\$25,800,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$25,800,000	