



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141896

Mode: Highway

Status: Submitted

SR-1008 (Waxhaw-Indian Trail Road)

From/Cross Street: SR-1346 Beulah Church Road

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Division Needs

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$775,000

Description:

Realign intersection and construct Roundabout

Division(s): Division 10

County(s): UNION

MPOS(s)/RPO(s): Charlotte Regional Transportation Planning Organization

Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

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

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 49.19 Congestion (V/C) (20%) 17.32 Safety (10%) 50.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 18.3		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7536.08
Capacity:	31600
Volume/Capacity Ratio:	0.24
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	33.3
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	30
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	76
Actual Congested Speed:	18.02
Travel Time Index:	2.5

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	1733000
Travel Time Savings for 30 Years (Autos):	1733000
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
Charlotte Regional Transportation Planning Organization	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$625,000	Cost Estimation Tool
Right-of-Way Cost:	\$150,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$775,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$775,000	