



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090933

Mode: Highway

Status: Submitted

SR-1904, SR-1833 (Long Island Road, Kale Road)

From/Cross Street: End of SR 1904 (Kale Rd) at Long Island Marina

Specific Improvement Type: 16 - Modernize Roadway

To: SR 1004 (Hudson Chapel Road)

Project Category: Division Needs

Length: 1.65

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$4,674,000

Description:

Construct Paved Shoulders

Division(s): Division 12

County(s): CATAWBA

MPOS(s)/RPO(s): Greater Hickory 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:	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
Congestion (V/C) (20%) 3.57	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 45.43		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 5.26		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	1.65
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	850.01
Capacity:	15800.21
Volume/Capacity Ratio:	0.05
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	69.41
Crash Severity:	30.29
Critical Crash Rate:	36.59
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	37
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	1.65
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
TerrainType:	Rolling
DOT Design Lane Width:	11
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
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?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 12

* 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 12	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$4,674,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$4,674,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$4,674,000	