



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H142120

Mode: Highway

Status: Submitted

SR- , SR-1009, SR-? (Rama Road (City Street, Monroe Road, Idlewild Road (City Street))

From/Cross Street: SR- Rama Road (City Street, SR- Idlewild Road (City Street) Specific Improvement Type: 10 - Improve Intersection

To: Project Category: Division Needs

Length: 0.5 TIP#: None

Fully Funded in Draft STIP? No Cost to NCDOT: \$1,395,000

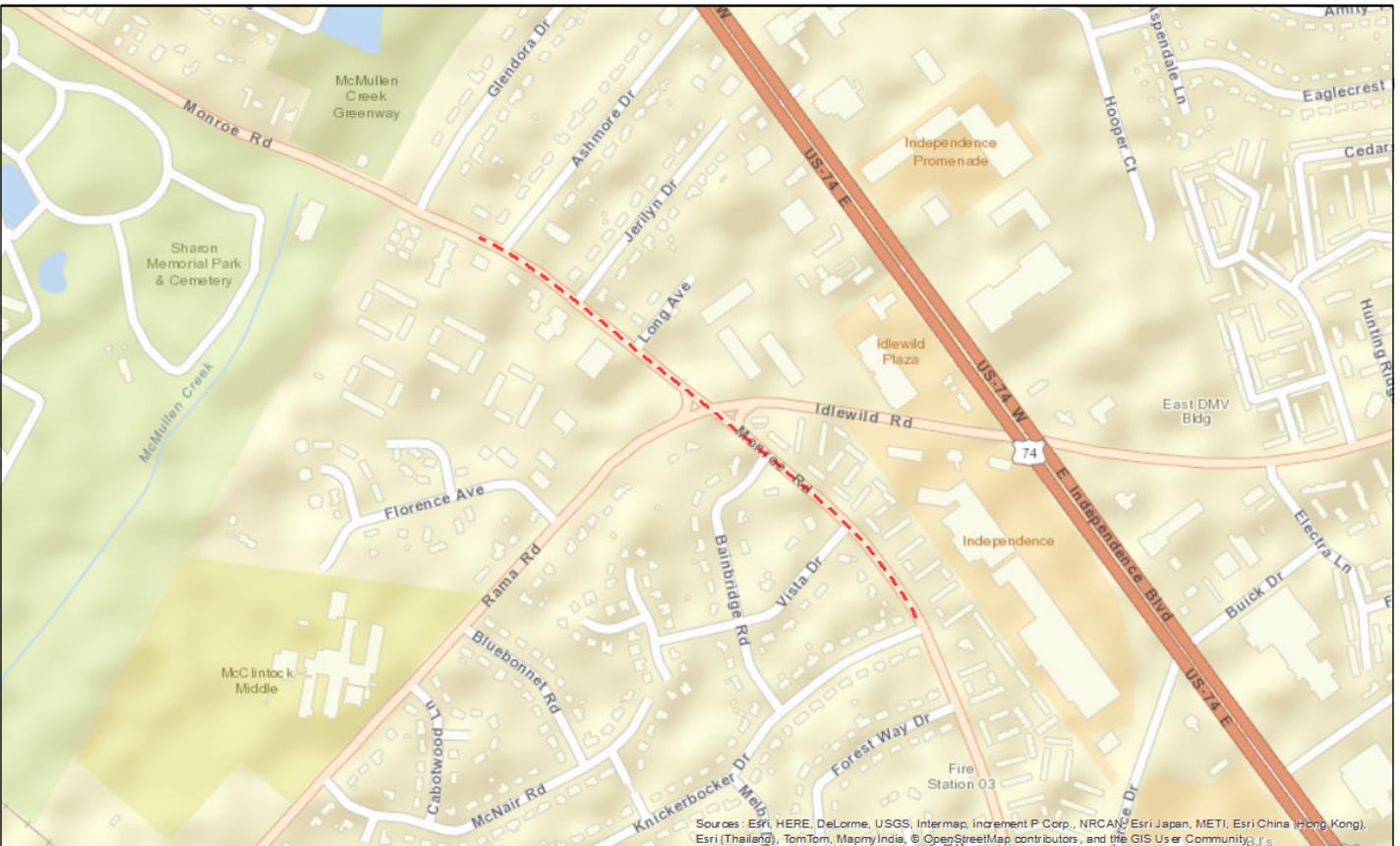
Description:

Improve intersection by adding capacity on each approach. This intersection is being modified slightly by U-209B, currently under construction. City of Charlotte has done traffic analysis to determine most effective improvements and has developed concept plan (attached), estimated cost \$8.6M

Division(s): Division 10 County(s): MECKLENBURG

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

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: 85.83

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 57.89	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 83.35		
[Travel Time] Benefit/Cost (20%) 79.56		
Totals: Weight: 50% Weighted Score: 35.83		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	40
Length (miles);	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	8
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	42997.12
Capacity:	63400
Volume/Capacity Ratio:	0.68
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	66.7
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	87
Actual Congested Speed:	32.69
Travel Time Index:	1.22

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	5045000
Travel Time Savings for 30 Years (Autos):	5045000
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
Charlotte Regional Transportation Planning Organization	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$1,125,000	Cost Estimation Tool
Right-of-Way Cost:	\$270,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$1,395,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,395,000	