



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090130

Mode: Highway

Status: Submitted

US-74

From/Cross Street: East of SR 1259

Specific Improvement Type: 1 - Widen Existing Roadway

To: North Rutherford Street

Project Category: Statewide Mobility

Length: 1.61

TIP#: R-2556

Fully Funded in Draft STIP? No

Cost to NCDOT: \$19,683,000

Description:

East of SR 1259 to North Rutherford Street. Relocate Roadway

Division(s): Division 10

County(s): ANSON

MPOS(s)/RPO(s): Rocky River RPO

Project Location



Statewide Mobility Total Score: 28.97

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 55.45	N/A	N/A
Safety (10%) 50.73		
Economic Competitiveness (10%) 0.00		
Multimodal + [Freight & Military] (20%) 36.32		
[Travel Time] Benefit/Cost (30%) 0.00		
Totals: Weight: 100% Weighted Score: 28.97		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 55.45	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 50.73		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 34.19		
Totals: Weight: 70% Weighted Score: 22.36		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 55.45	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 50.73		
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 16.16		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.61
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	24186.35
Capacity:	31700
Volume/Capacity Ratio:	0.76
% Autos:	86%
% Trucks:	14%
Truck Volume:	3448.55
Crash Density:	56.63
Crash Severity:	59.22
Critical Crash Rate:	36.37
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	71
Actual Congested Speed:	39.3
Travel Time Index:	0.81

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.61
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
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:	0
% Change in Economy:	0
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
Rocky River RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$18,012,000	TIP Unit
Right-of-Way Cost:	\$1,492,000	Cost Estimation Tool
Utilities Cost:	\$179,000	Cost Estimation Tool
Total Project Cost:	\$19,683,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$19,683,000	