



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111173

Mode: Highway

Status: Submitted

SR-1246

From/Cross Street: SR 1206 (Alcove Road)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: Fairview Rd. (SR 1246)

Project Category: Division Needs

Length: 0.11

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,098,000

Description:

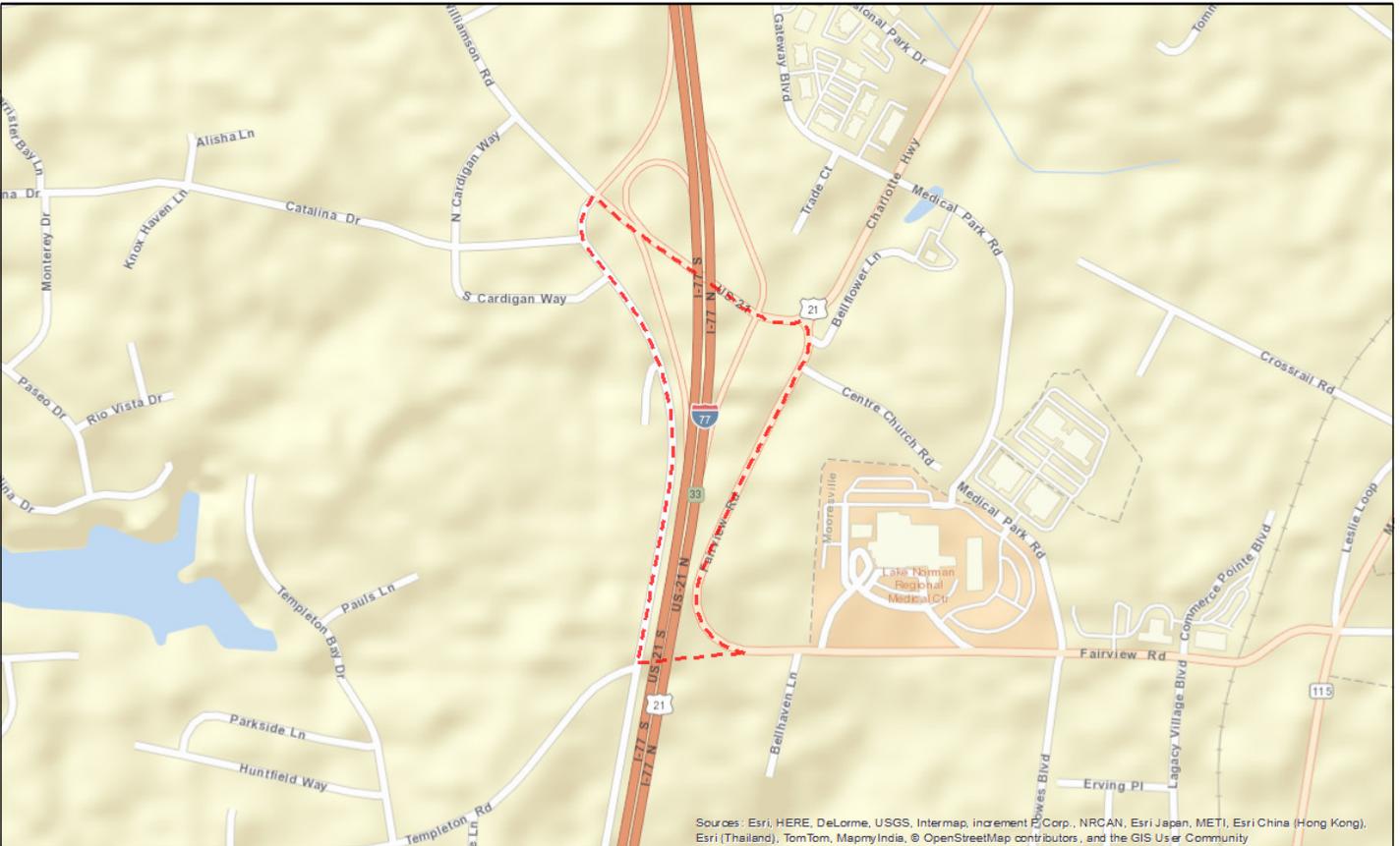
Construct Fairview Rd, Overpass Over I-77 to Alcove Rd.

Division(s): Division 12

County(s): IREDELL

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: 83.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 41.75 [Travel Time] Benefit/Cost (20%) 47.80 Congestion (V/C) (20%) 98.64	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 33.46		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	1.2
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	24350.48
Capacity:	16434.9
Volume/Capacity Ratio:	1.48
% Autos:	96%
% Trucks:	4%
Truck Volume:	1039.97
Crash Density:	56.06
Crash Severity:	42.59
Critical Crash Rate:	26.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	29
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	72
Actual Congested Speed:	5.91
Travel Time Index:	1.5

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	40
Length (miles):	0.11
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	13017649.8
Travel Time Savings for 30 Years (Autos):	12461688.34
Travel Time Savings for 30 Years (Trucks):	555961.46
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 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	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:	\$4,756,000	TIP Unit
Right-of-Way Cost:	\$1,122,000	TIP Unit
Utilities Cost:	\$220,000	TIP Unit
Total Project Cost:	\$6,098,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$6,098,000	