



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090522

Mode: Highway

Status: Submitted

SR-1103 (Lewisville-Clemmons Road)

From/Cross Street: I-40

Specific Improvement Type: 11 - Access Management

To: US 158

Project Category: Division Needs

Length: 1.42

TIP#: U-5121

Fully Funded in Draft STIP? No

Cost to NCDOT: \$75,186,000

Description:

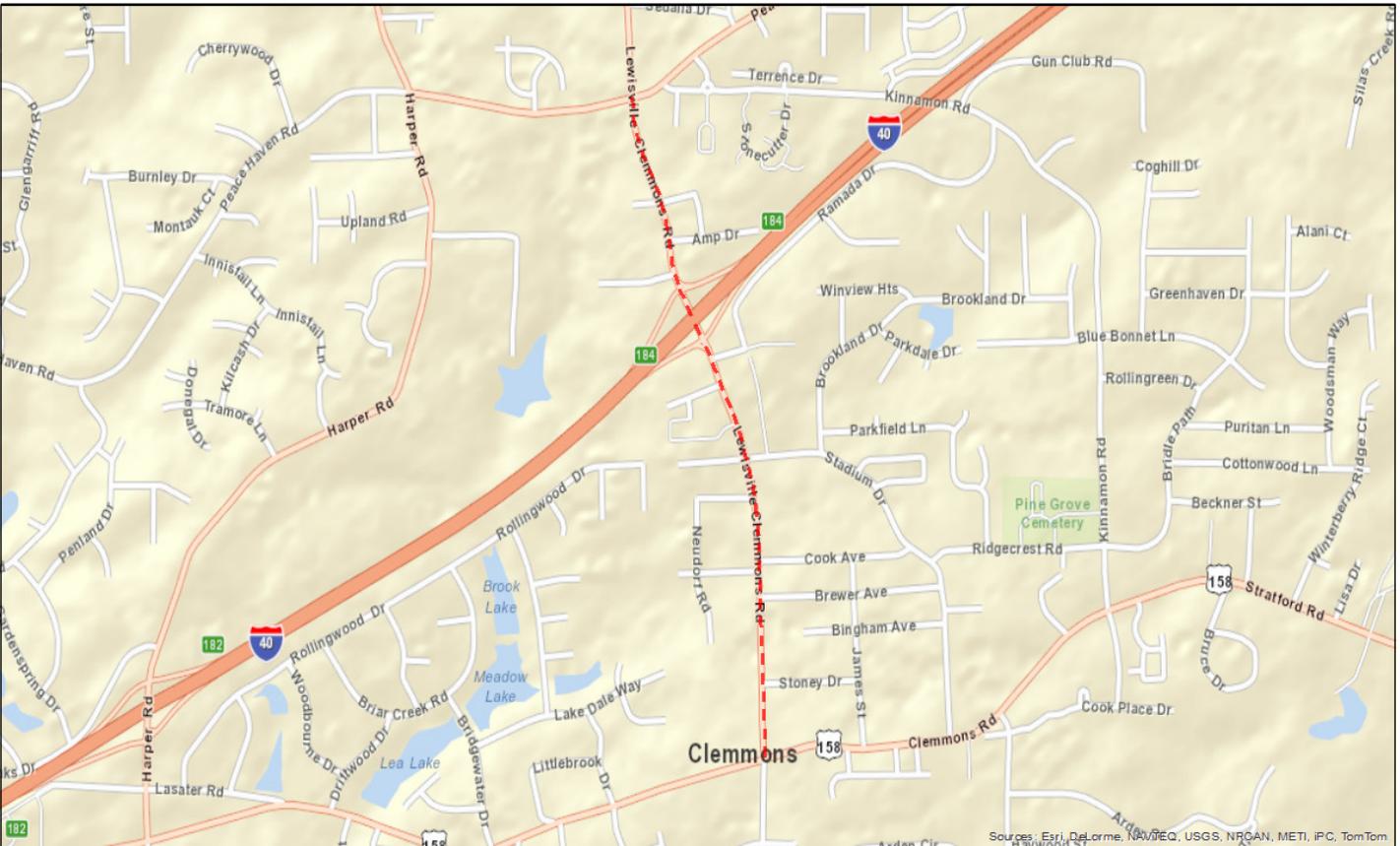
I-40 to US 158. Convert to Four Lane Median Section.

Division(s): Division 9

County(s): FORSYTH

MPOS(s)/RPO(s): Winston Salem Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 56.98 Safety (10%) 77.65 [Travel Time] Benefit/Cost (20%) 0.24	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 19.21		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	37
Length (miles);	1.42
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	27374.93
Capacity:	35684.45
Volume/Capacity Ratio:	0.77
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.85
Crash Severity:	33.25
Critical Crash Rate:	99.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	100
Actual Congested Speed:	27.61
Travel Time Index:	1.35

Project Benefits

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	37
Length (miles):	1.42
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):	822343.07
Travel Time Savings for 30 Years (Autos):	822343.07
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 9

* 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 9	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Winston Salem Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$46,056,000	TIP Unit
Right-of-Way Cost:	\$26,009,000	Cost Estimation Tool
Utilities Cost:	\$3,121,000	Cost Estimation Tool
Total Project Cost:	\$75,186,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$75,186,000	