



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111224

Mode: Highway

Status: Submitted

## (Great Wagon Road Extension)

From/Cross Street: Lewisville-Vienna Road (SR 1308) (SR 1173)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: Shallowford Road(SR 1173)

Project Category: Division Needs

Length: 0.88

TIP#: U-5536

Fully Funded in Draft STIP? No

Cost to NCDOT: \$14,204,000

### Description:

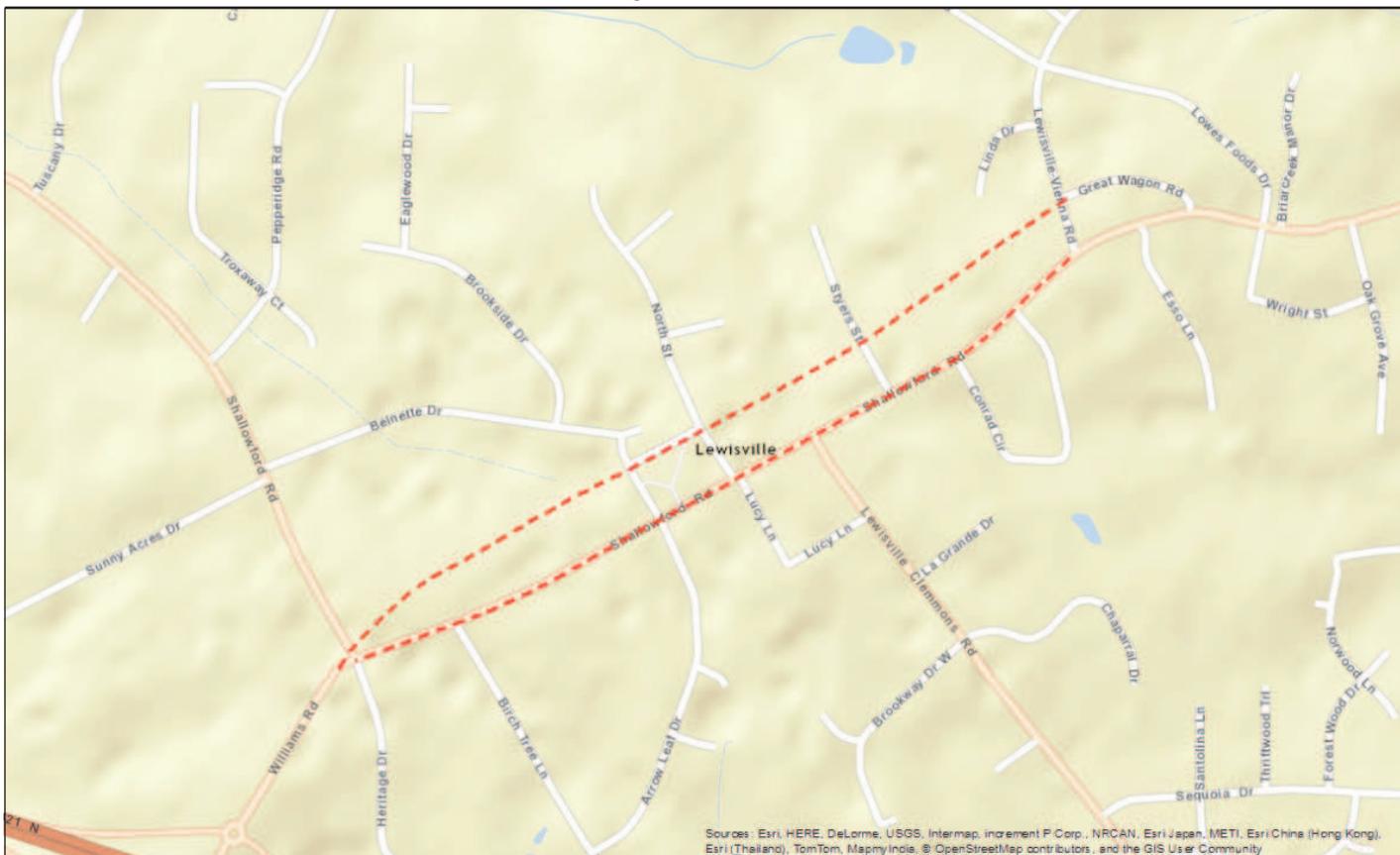
the Great Wagon Road/Lewisville-Clemmons Road Extension-New 3 Lanew/Bike andsidewalk

Division(s): Division 9

County(s): FORSYTH

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

### Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

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

**Division Needs Total Score: 64.15**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 46.85 Safety (10%) 46.35 [Travel Time] Benefit/Cost (20%) 0.72	Percent: 25% Points: 100	Percent: 25% Points: 100
<b>Totals: Weight: 50% Weighted Score: 14.15</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	11160.62
Capacity:	15800.09
Volume/Capacity Ratio:	0.71
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	79.68
Crash Severity:	39.6
Critical Crash Rate:	19.77
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	55
Actual Congested Speed:	33.95
Travel Time Index:	1.03

**Project Benefits**

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	35
Length (miles):	0.88
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	464746.41
Travel Time Savings for 30 Years (Autos):	464746.41
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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 9	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>100</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$5,928,000	TIP Unit
Right-of-Way Cost:	\$8,272,000	Cost Estimation Tool
Utilities Cost:	\$993,000	Cost Estimation Tool
Total Project Cost:	\$15,193,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$14,204,000</b>	