



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090175

Mode: Highway

Status: Submitted

SR-1107

From/Cross Street: US 321A

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 321 in Granite Falls

Project Category: Division Needs

Length: 0.47

TIP#: R-2619

Fully Funded in Draft STIP? No

Cost to NCDOT: \$15,729,000

Description:

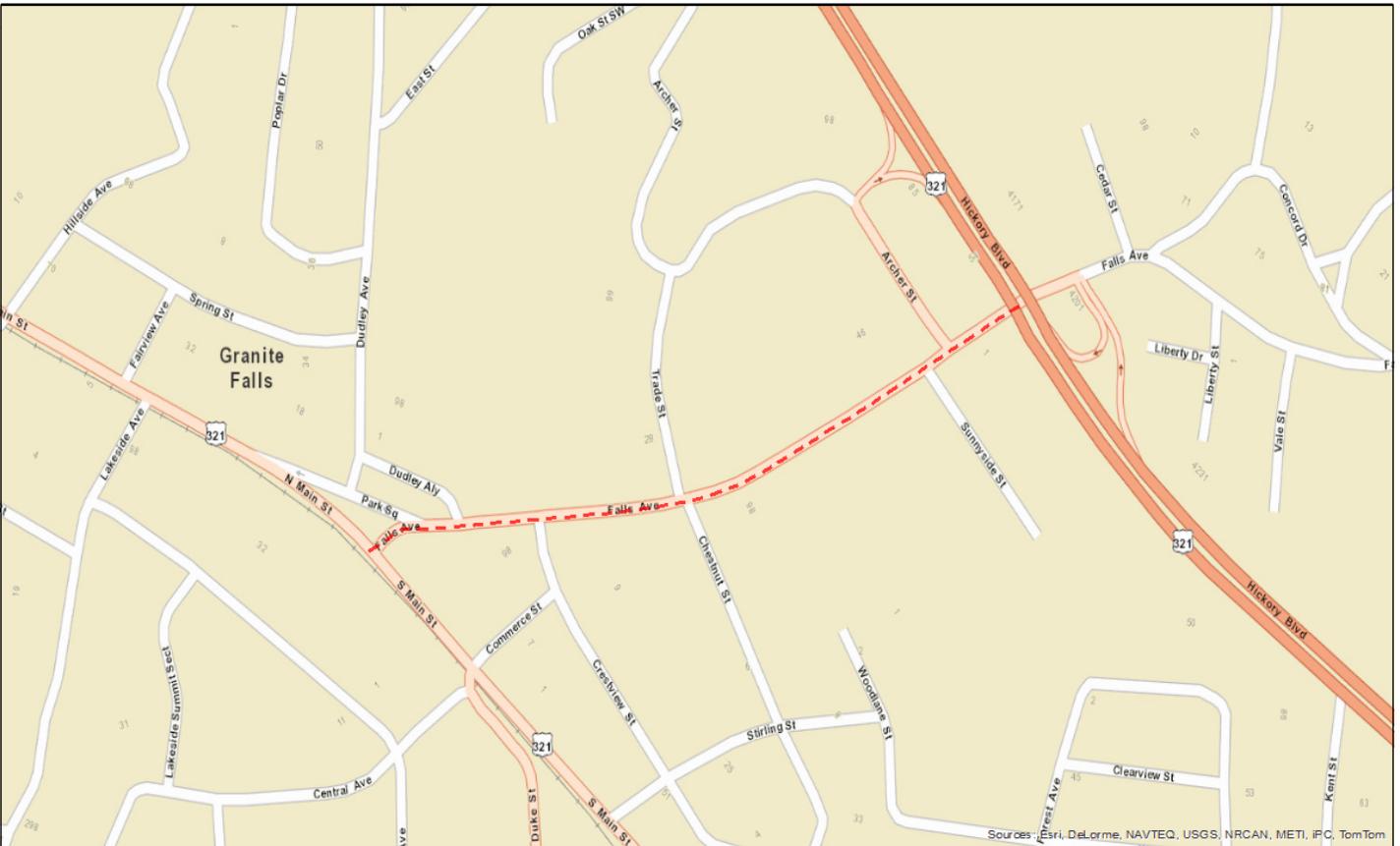
US 321A to US 321 in Granite Falls. Widen to Multi-Lanes and Modify interchange.

Division(s): Division 11

County(s): CALDWELL

MPOS(s)/RPO(s): Greater Hickory MPO

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:	Percent: 15% Points:
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 30.22	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.92		
Totals: Weight: 50% Weighted Score: 6.23		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	24
Length (miles):	0.47
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7200.01
Capacity:	15800.02
Volume/Capacity Ratio:	0.46
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	96
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	35
Length (miles):	0.47
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	656915.9
Travel Time Savings for 30 Years (Autos):	656915.9
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 11

* 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 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$13,224,000	TIP Unit
Right-of-Way Cost:	\$2,237,000	Cost Estimation Tool
Utilities Cost:	\$268,000	Cost Estimation Tool
Total Project Cost:	\$15,729,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$15,729,000	