



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090758

**Mode:** Highway

**Status:** Submitted

## NC-96

**From/Cross Street:** NC 96 Southeast of Youngsville

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** NC 96 Northwest of Youngsville

**Project Category:** Regional Impact

**Length:** 2.21

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$18,713,000

### Description:

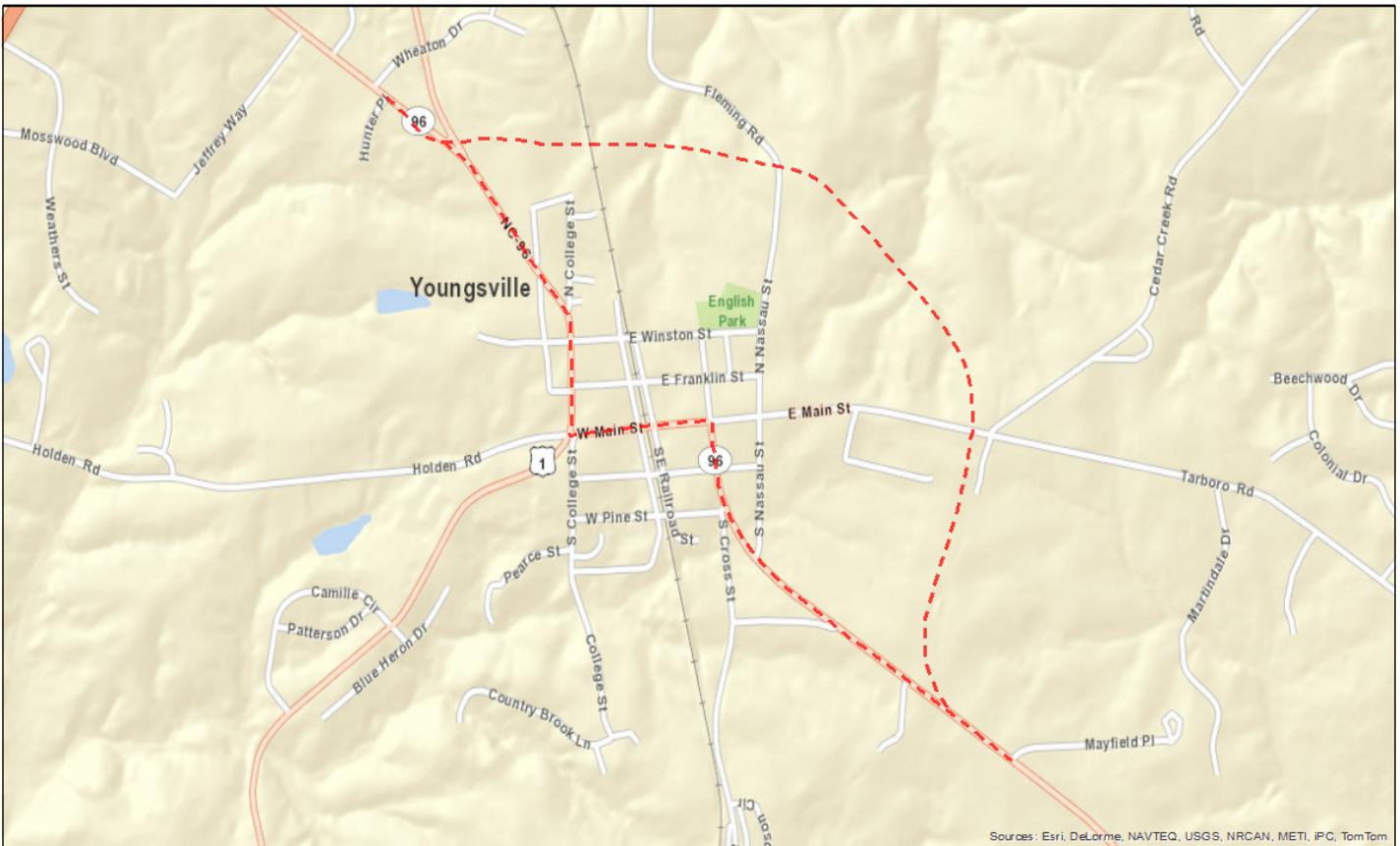
Section a - (Youngsville Bypass) from NC 96 Southeast of the Youngsville town Limits to the intersection of NC 96 and US 1A Northwest of the town Limits.

**Division(s):** Division 5

**County(s):** FRANKLIN

**MPOS(s)/RPO(s):** Capital Area MPO

### Project Location



**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 25.88	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 39.68		
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 28.06		
<b>Totals: Weight: 70% Weighted Score: 13.24</b>		

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 25.88	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 39.68		
[Travel Time] Benefit/Cost (20%) 0.00		
<b>Totals: Weight: 50% Weighted Score: 9.14</b>		

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

Existing Cross-Section:	
Speed Limit:	39
Length (miles):	1.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	6166.04
Capacity:	15800
Volume/Capacity Ratio:	0.39
% Autos:	88%
% Trucks:	12%
Truck Volume:	734.26
Crash Density:	48.8
Crash Severity:	32.26
Critical Crash Rate:	38
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	33
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	39.04
Travel Time Index:	0.77

**Project Benefits**

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	40
Length (miles):	2.21
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	-410711.97
Travel Time Savings for 30 Years (Autos):	-361804.12
Travel Time Savings for 30 Years (Trucks):	-48907.85
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 5

\* 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 5	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$18,240,000	TIP Unit
Right-of-Way Cost:	\$422,000	Cost Estimation Tool
Utilities Cost:	\$51,000	Cost Estimation Tool
Total Project Cost:	\$18,713,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$18,713,000</b>	