



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090342

Mode: Highway

Status: Submitted

US-70

From/Cross Street: Haw River Bypass

Specific Improvement Type: 1 - Widen Existing Roadway

To: Mebane City Limits

Project Category: Regional Impact

Length: 4.59

TIP#: U-2546

Fully Funded in Draft STIP? No

Cost to NCDOT: \$47,624,000

Description:

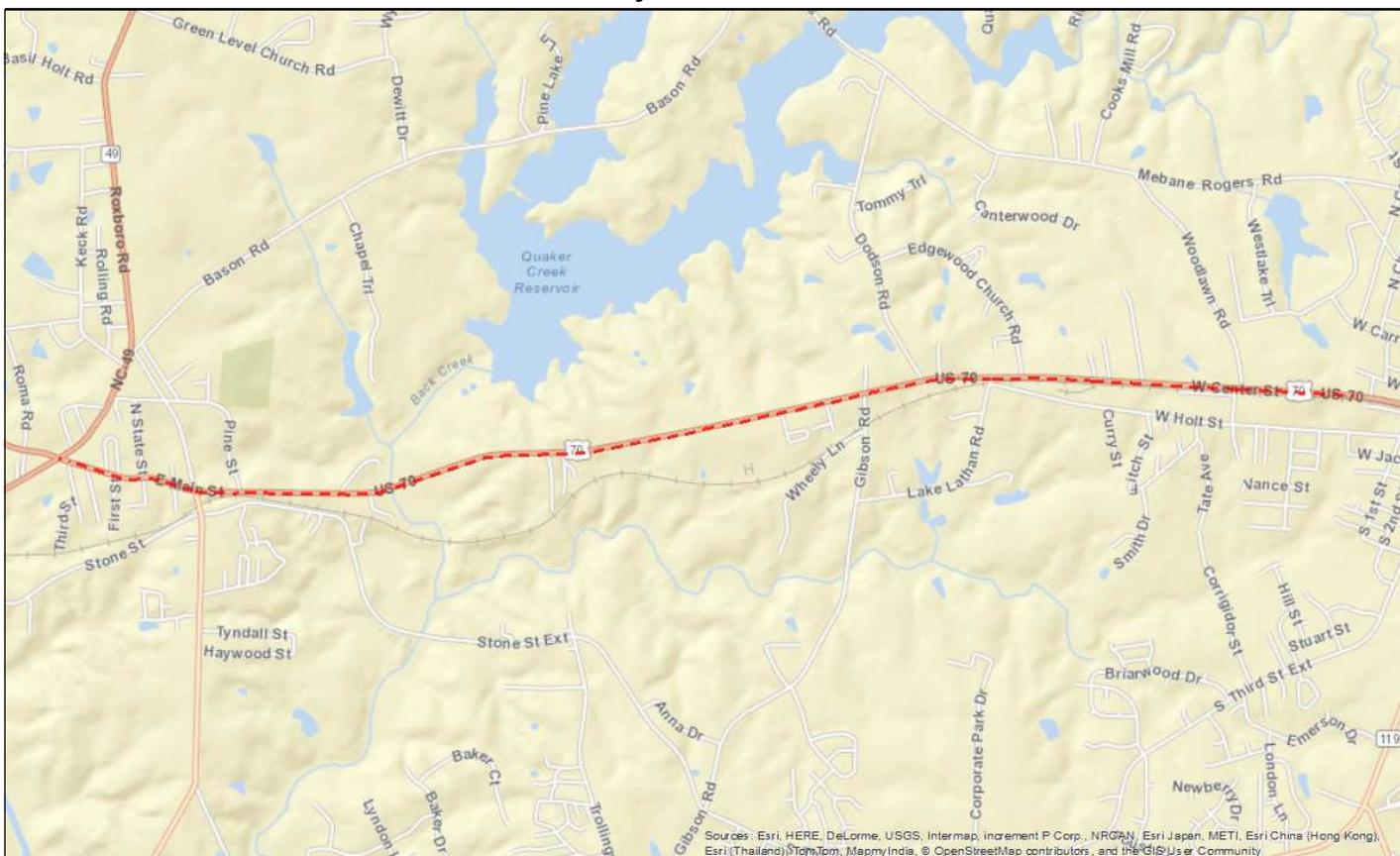
Haw River Bypass to Mebane City Limits. Widen to Multi-Lanes.

Division(s): Division 7

County(s): ALAMANCE

MPOS(s)/RPO(s): Burlington Graham 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: 29.25

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 29.18	Percent: 15% Points: 0	Percent: 15% Points: 100
Safety (10%) 61.76		
[Travel Time] Benefit/Cost (25%) 0.45		
Accessibility / Connectivity (10%) 6.63		
Totals: Weight: 70% Weighted Score: 14.25		

Division Needs Total Score: 12.1

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 29.18	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 61.76		
[Travel Time] Benefit/Cost (20%) 0.45		
Totals: Weight: 50% Weighted Score: 12.1		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	4.59
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	6950.79
Capacity:	15800
Volume/Capacity Ratio:	0.44
% Autos:	95%
% Trucks:	5%
Truck Volume:	363.72
Crash Density:	64.87
Crash Severity:	62.81
Critical Crash Rate:	57.61
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	39.81
Travel Time Index:	1.07

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	45
Length (miles):	4.59
Facility Type:	Arterial
Access Control:	Partial
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):	961415.66
Travel Time Savings for 30 Years (Autos):	911107.18
Travel Time Savings for 30 Years (Trucks):	50308.48
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 7

* 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 7	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Burlington Graham MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$25,878,000	TIP Unit
Right-of-Way Cost:	\$19,416,000	Cost Estimation Tool
Utilities Cost:	\$2,330,000	Cost Estimation Tool
Total Project Cost:	\$47,624,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$47,624,000	