



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090400

Mode: Highway

Status: Submitted

SR-1309 (New Route - Main Street Extension)

From/Cross Street: Proposed US 17 Bypass

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 17

Project Category: Division Needs

Length: 4.5

TIP#: U-3420

Fully Funded in Draft STIP? No

Cost to NCDOT: \$37,604,000

Description:

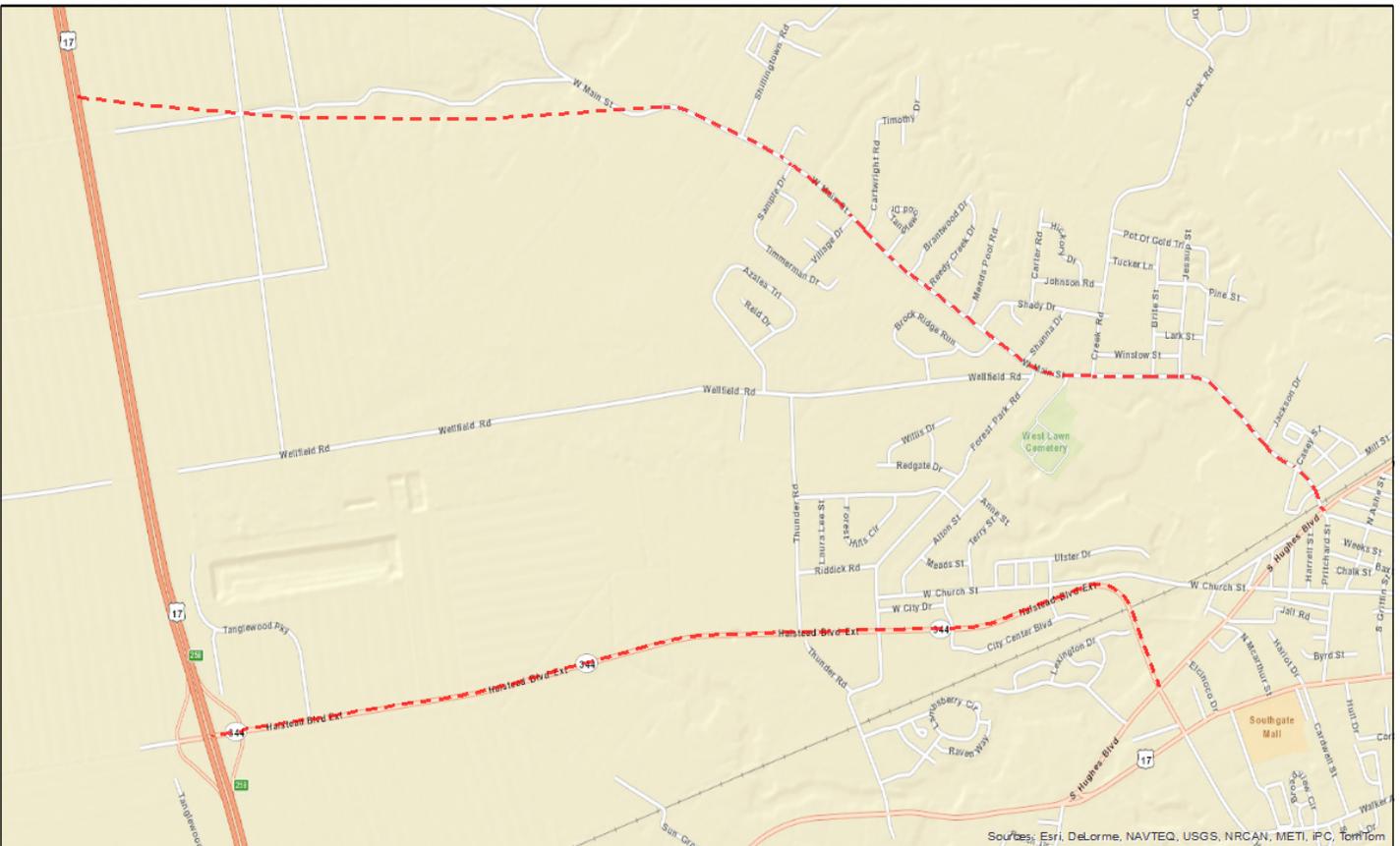
Proposed US 17 Bypass to US 17 Bypass (Hughes Boulevard). Upgrade Roadway, Some New Location with interchange at the Proposed US 17 Bypass.

Division(s): Division 1

County(s): PASQUOTANK

MPOS(s)/RPO(s): Albemarle RPO

Project Location



Source: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

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) (10%) 21.24	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 53.69		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.00		
Totals: Weight: 50% Weighted Score: 7.49		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	53
Length (miles):	8.1
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	14656.54
Capacity:	57189.06
Volume/Capacity Ratio:	0.26
% Autos:	97%
% Trucks:	3%
Truck Volume:	442.52
Crash Density:	45.39
Crash Severity:	70.29
Critical Crash Rate:	45.39
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	85
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:	45
Length (miles):	4.5
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-2344359.09
Travel Time Savings for 30 Years (Autos):	-2273577.36
Travel Time Savings for 30 Years (Trucks):	-70781.73
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 1

* 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 1	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$32,490,000	TIP Unit
Right-of-Way Cost:	\$4,566,000	Cost Estimation Tool
Utilities Cost:	\$548,000	Cost Estimation Tool
Total Project Cost:	\$37,604,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$37,604,000	