



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090428-B

**Mode:** Highway

**Status:** Submitted

## US-13 (Berkeley Boulevard)

**From/Cross Street:** SR 1003 (New Hope Road)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** North of SR 1705 (Hood Swamp Road)

**Project Category:** Regional Impact

**Length:** 1.66

**TIP#:** U-3609B

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$11,650,000

### Description:

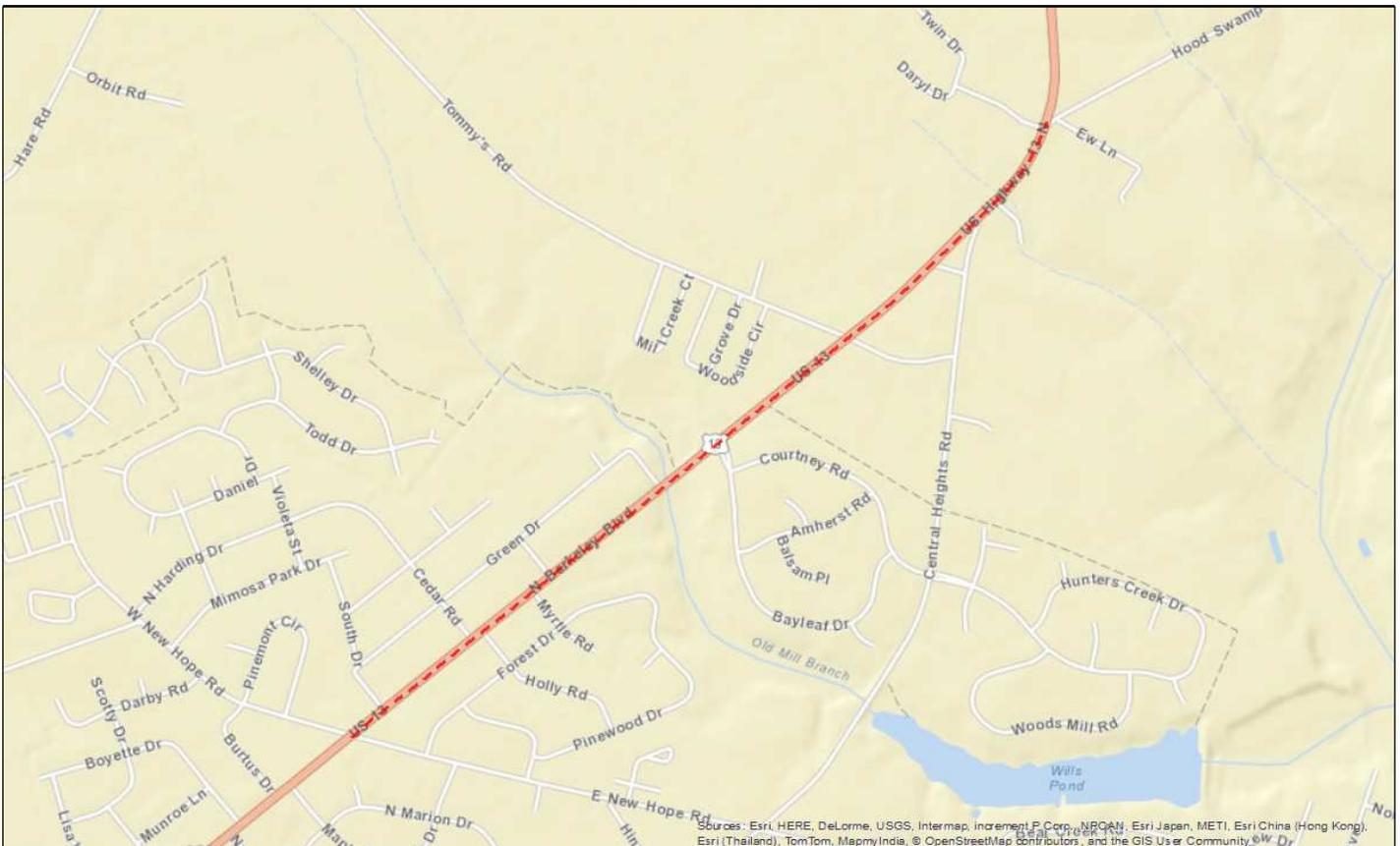
Widen to Multi-Lanes

**Division(s):** Division 4

**County(s):** WAYNE

**MPOS(s)/RPO(s):** Goldsboro Urban Area MPO

### Project Location



**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: 53.05**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (15%) 63.67	Percent: 15% Points: 100	Percent: 15% Points: 100
Lane Width (10%) 25.00		
[Paved] Shoulder Width (10%) 50.00		
Congestion (V/C) (15%) 38.97		
[Travel Time] Benefit/Cost (20%) 0.78		
<b>Totals: Weight: 70% Weighted Score: 23.05</b>		

**Division Needs Total Score: 42.84**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (10%) 38.97	Percent: 25% Points: 0	Percent: 25% Points: 100
[Paved] Shoulder Width (10%) 50.00		
[Travel Time] Benefit/Cost (10%) 0.78		
Safety (10%) 63.67		
Lane Width (10%) 25.00		
<b>Totals: Weight: 50% Weighted Score: 17.84</b>		

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

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.66
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	9284.93
Capacity:	15800.05
Volume/Capacity Ratio:	0.59
% Autos:	92%
% Trucks:	8%
Truck Volume:	762.56
Crash Density:	60.42
Crash Severity:	70.2
Critical Crash Rate:	60.42
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:	74
Actual Congested Speed:	39
Travel Time Index:	1.15

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.66
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	401361.33
Travel Time Savings for 30 Years (Autos):	368397.85
Travel Time Savings for 30 Years (Trucks):	32963.48
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 4

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 4	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

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

**Project Cost and Source**

Construction Cost:	\$7,650,000	TIP Unit
Right-of-Way Cost:	\$4,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$11,650,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$11,650,000</b>	