



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090557

Mode: Highway

Status: Submitted

## SR-1114 (Buckhorn Road)

From/Cross Street: SR 1144 (West Ten Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 70

Project Category: Division Needs

Length: 1.1

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,641,000

### Description:

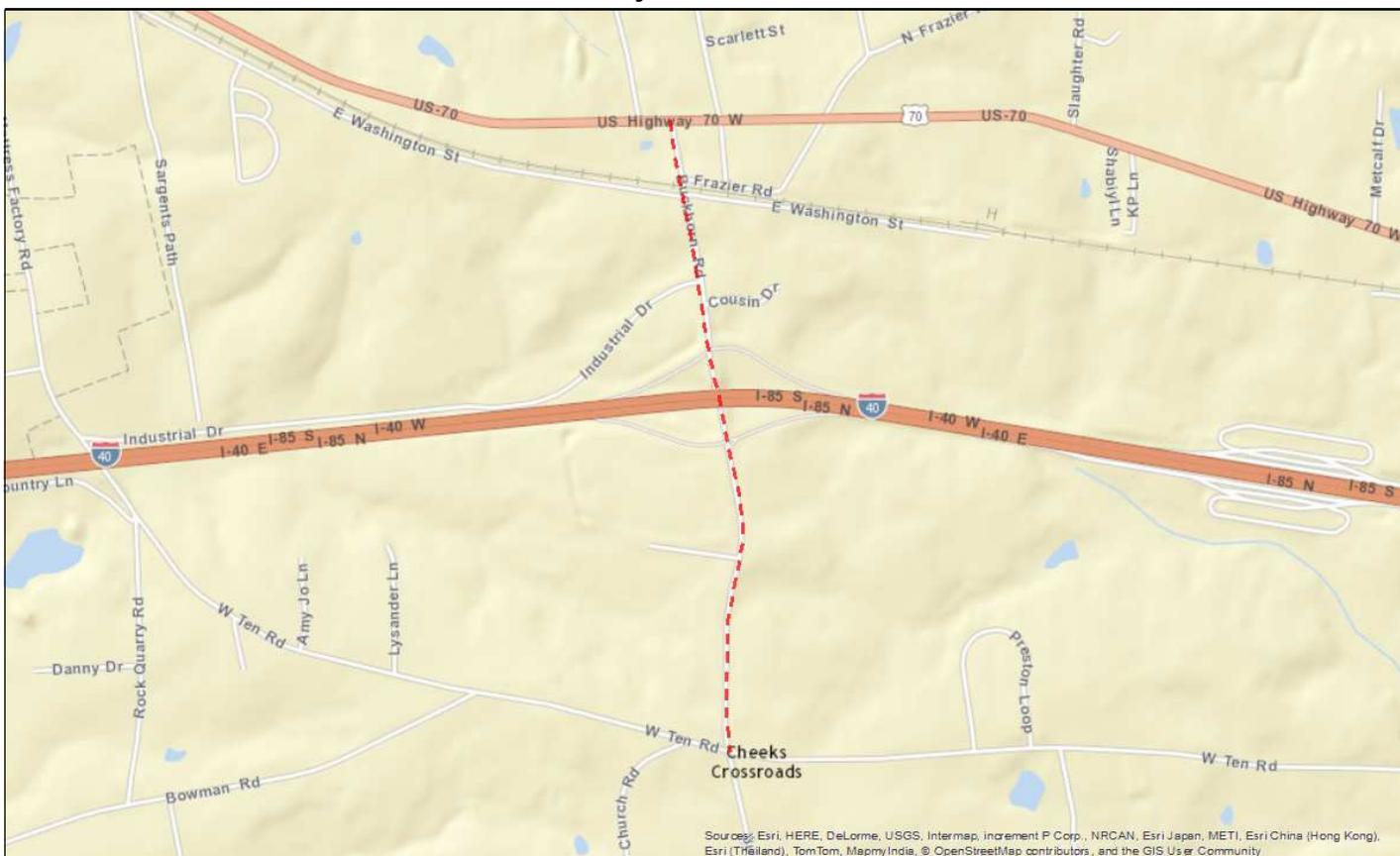
Widen to Multi-Lanes with Bicycle and Pedestrian Accommodations.

Division(s): Division 7

County(s): ORANGE

MPOS(s)/RPO(s): Burlington Graham MPO, Durham Chapel Hill Carrboro 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
	Percent: 15% Points: 0	Percent: 15% Points: 0
<b>Totals: Weight: 0% Weighted Score: 0</b>		

**Division Needs Total Score: 36.38**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)                      17.48	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%)                                      78.69		
[Travel Time] Benefit/Cost (20%)            0.06		
<b>Totals: Weight: 50% Weighted Score: 11.38</b>		

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

Existing Cross-Section:	
Speed Limit:	41
Length (miles);	1.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	4164.81
Capacity:	15800
Volume/Capacity Ratio:	0.26
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.82
Crash Severity:	66.58
Critical Crash Rate:	69.69
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	76
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	41
Length (miles):	1.1
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	29103.86
Travel Time Savings for 30 Years (Autos):	29103.86
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 7

\* 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 7	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Burlington Graham MPO	93%	0	93
Durham Chapel Hill Carrboro MPO	7%	0	7
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$8,550,000	TIP Unit
Right-of-Way Cost:	\$1,867,000	Cost Estimation Tool
Utilities Cost:	\$224,000	Cost Estimation Tool
Total Project Cost:	\$10,641,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$10,641,000</b>	