



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090364-A

Mode: Highway

Status: Submitted

## US-25 ALT (Sweeten Creek Road)

From/Cross Street: US 25 (Hendersonville Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 3081 (Rock Hill Road)

Project Category: Regional Impact

Length: 5.43

TIP#: U-2801A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$27,300,000

### Description:

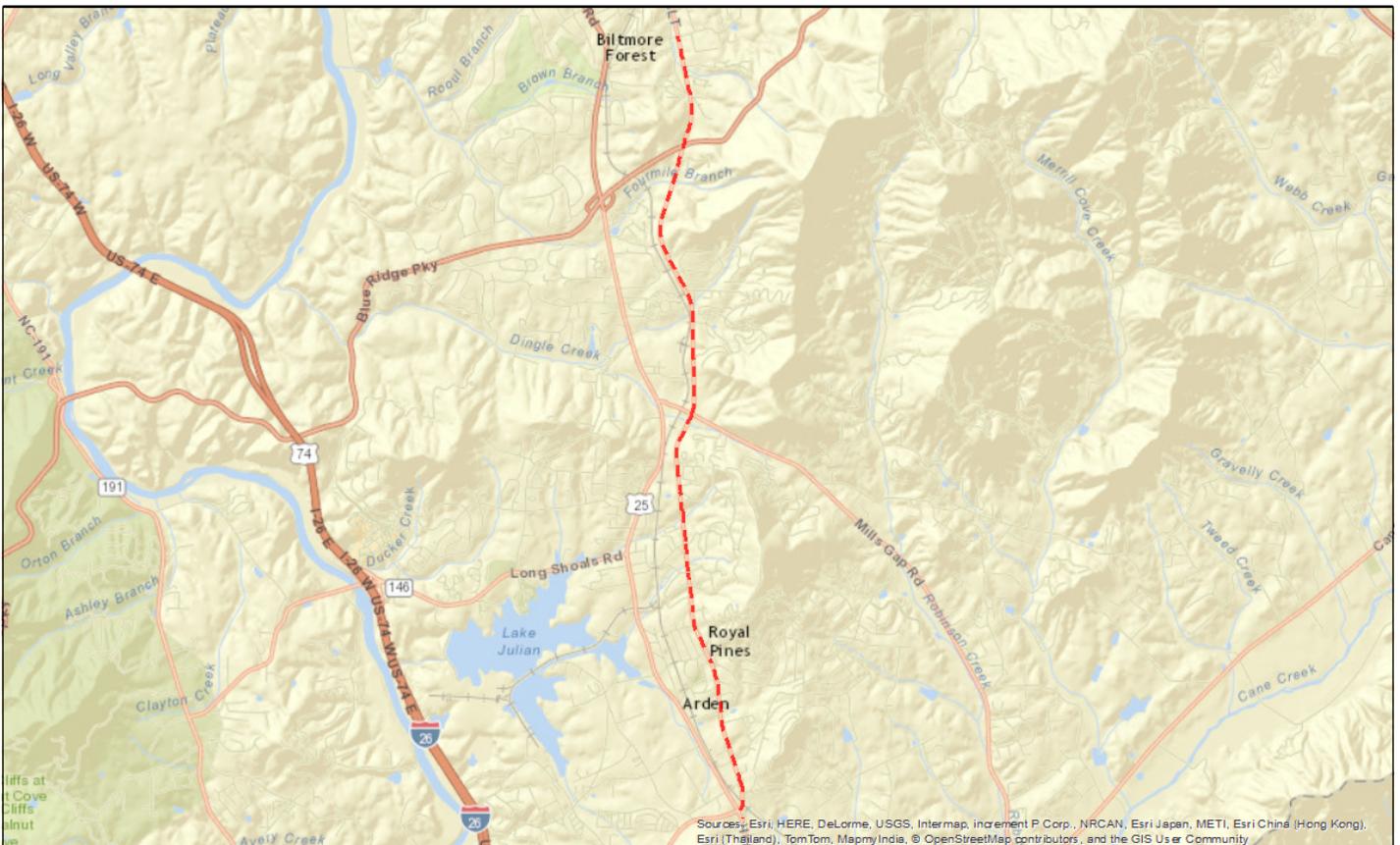
Widen to Multi-Lanes

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River 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: 57.07**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 67.64	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 72.44		
[Travel Time] Benefit/Cost (25%) 9.53		
Accessibility / Connectivity (10%) 5.37		
<b>Totals: Weight: 70% Weighted Score: 27.07</b>		

**Division Needs Total Score: 47.68**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 67.64	Percent: 25% Points: 100	Percent: 25% Points: 0
Safety (10%) 72.44		
[Travel Time] Benefit/Cost (20%) 9.53		
<b>Totals: Weight: 50% Weighted Score: 22.68</b>		

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

Existing Cross-Section:	
Speed Limit:	45
Length (miles);	5.43
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	16115.16
Capacity:	15800.03
Volume/Capacity Ratio:	1.02
% Autos:	96%
% Trucks:	4%
Truck Volume:	636.2
Crash Density:	84.56
Crash Severity:	69.61
Critical Crash Rate:	63.18
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	74
Actual Congested Speed:	0
Travel Time Index:	0

**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):	5.43
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	11629384.93
Travel Time Savings for 30 Years (Autos):	11170273.11
Travel Time Savings for 30 Years (Trucks):	459111.82
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 13

\* 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**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 13	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$20,100,000	TIP Unit
Right-of-Way Cost:	\$7,200,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$27,300,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$27,300,000</b>	