



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090791

Mode: Highway

Status: Submitted

## (New Route - Davidson River Village)

From/Cross Street: US 64

Specific Improvement Type: 5 - Construct Roadway on New Location

To: US 64/276 in Pisgah Forest

Project Category: Division Needs

Length: 0.75

TIP#: R-5605

Fully Funded in Draft STIP? No

Cost to NCDOT: \$10,900,000

### Description:

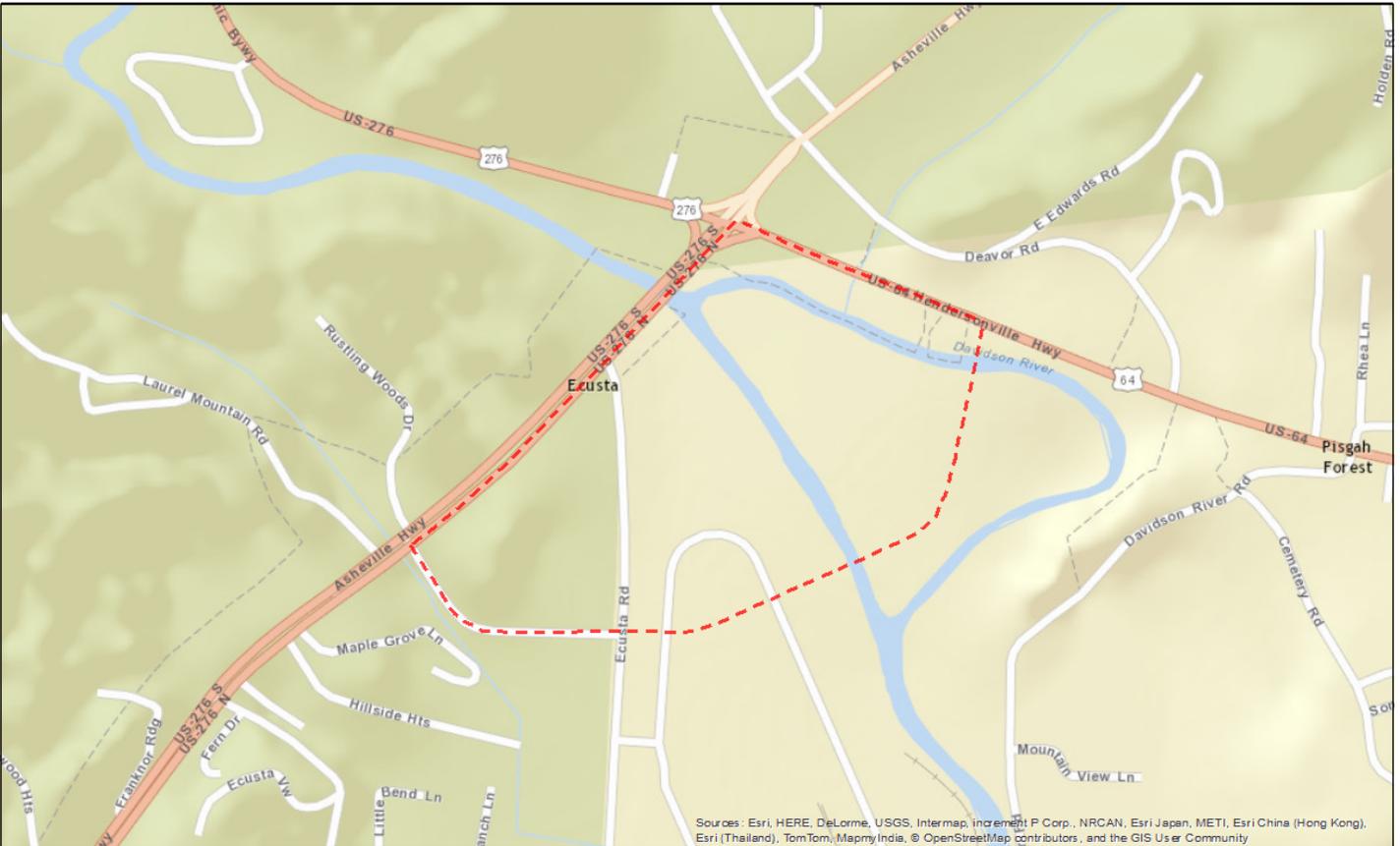
Construct Multi-Lanes on New Location

Division(s): Division 14

County(s): TRANSYLVANIA

MPOS(s)/RPO(s): Land-of-Sky RPO

### 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: 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>	Percent: 15% Points: 0	Percent: 15% Points: 0

**Division Needs Total Score: 64.4**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 44.29 Safety (10%) 55.46 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points: 100	Percent: 25% Points: 100
<b>Totals: Weight: 50% Weighted Score: 14.4</b>		

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

Existing Cross-Section:	
Speed Limit:	38
Length (miles);	0.7
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	16247.22
Capacity:	25798.22
Volume/Capacity Ratio:	0.63
% Autos:	96%
% Trucks:	4%
Truck Volume:	691.86
Crash Density:	33.25
Crash Severity:	85.4
Critical Crash Rate:	47.75
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	98
Actual Congested Speed:	58.99
Travel Time Index:	0.98

**Project Benefits**

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	0.75
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-181587.09
Travel Time Savings for 30 Years (Autos):	-173854.53
Travel Time Savings for 30 Years (Trucks):	-7732.56
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 14

\* 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 14	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>100</b>

**MPO/RPO**

MPO/RPO	Percent	Regional Impact	Division Needs
Land-of-Sky RPO	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$10,500,000	TIP Unit
Right-of-Way Cost:	\$0	TIP Unit
Utilities Cost:	\$400,000	TIP Unit
Total Project Cost:	\$10,900,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$10,900,000</b>	