



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H128038

**Mode:** Highway

**Status:** Submitted

## I-26

**From/Cross Street:** NC 191

**Specific Improvement Type:** 8 - Improve Interchange

**To:**

**Project Category:** Statewide Mobility

**Length:** 2

**TIP#:** I-5504

**Fully Funded in Draft STIP?** Yes **Statewide Mobility**

**Cost to NCDOT:** \$5,655,000

### Description:

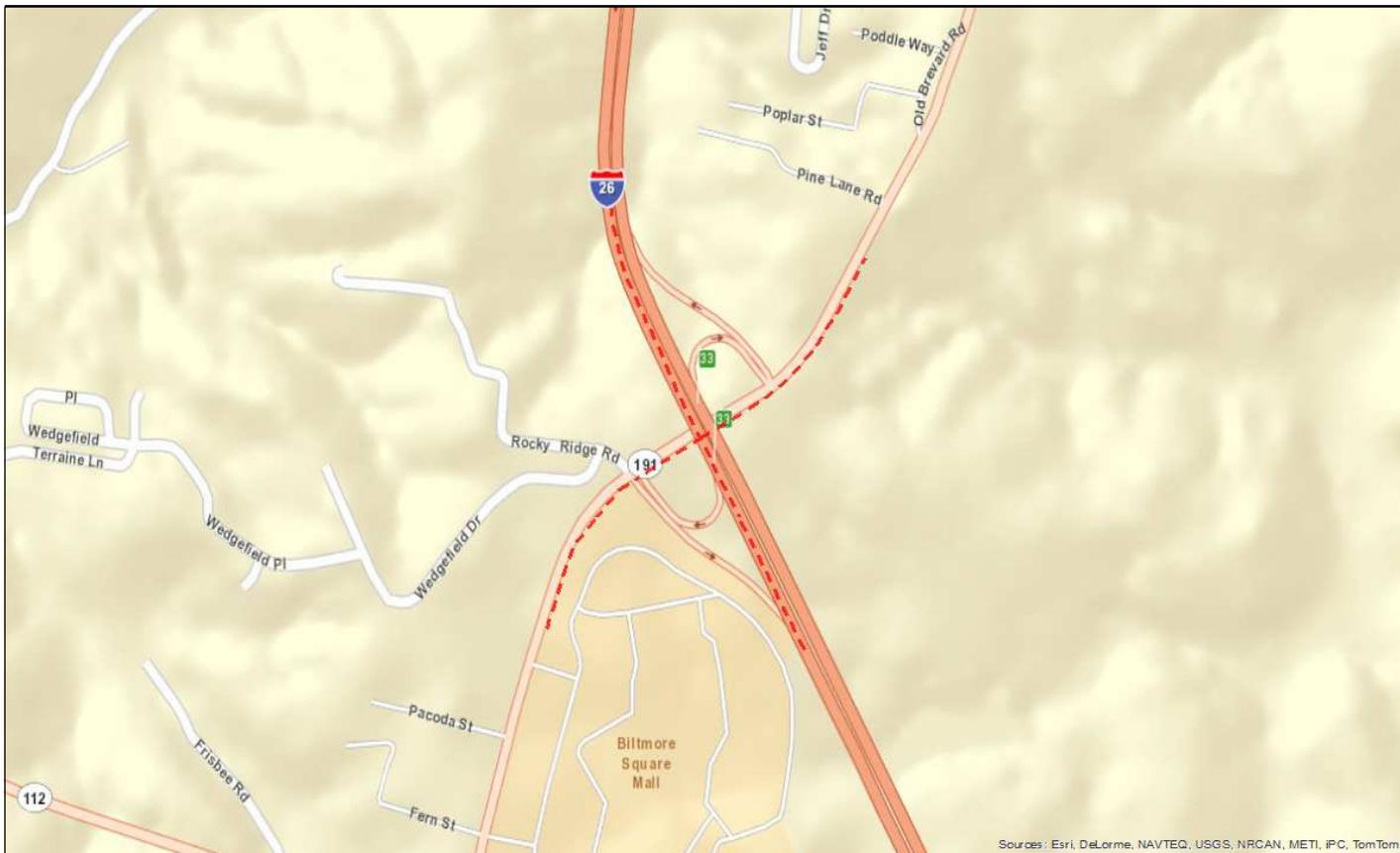
Upgrade interchange

**Division(s):** Division 13

**County(s):** BUNCOMBE

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

### Project Location



**Statewide Mobility Total Score: 52.53**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (30%) 96.74	N/A	N/A
Safety (10%) 66.65		
Economic Competitiveness (10%) 5.15		
Multimodal + [Freight & Military] (20%) 54.94		
[Travel Time] Benefit/Cost (30%) 17.81		
<b>Totals: Weight: 100% Weighted Score: 52.53</b>		

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 96.74	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 66.65		
[Travel Time] Benefit/Cost (25%) 17.81		
Accessibility / Connectivity (10%) 33.36		
<b>Totals: Weight: 70% Weighted Score: 38.64</b>		

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (10%) 66.65	Percent: 25% Points:	Percent: 25% Points:
[Travel Time] Benefit/Cost (20%) 17.81		
Congestion (V/C) (20%) 96.74		
<b>Totals: Weight: 50% Weighted Score: 29.58</b>		

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

Existing Cross-Section:	
Speed Limit:	60
Length (miles);	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	94087.87
Capacity:	95504.99
Volume/Capacity Ratio:	0.99
% Autos:	88%
% Trucks:	12%
Truck Volume:	10987.14
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	100
Severity Index:	33.3
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	97
Actual Congested Speed:	25.56
Travel Time Index:	2.35

**Project Benefits**

Project Cross-Section:	
Speed Limit:	60
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	4366000
Travel Time Savings for 30 Years (Autos):	3856158.92
Travel Time Savings for 30 Years (Trucks):	509841.08
Long-Term Employment:	83
% Change in Economy:	2E-05
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 Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 13	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>
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$4,875,000	Cost Estimation Tool
Right-of-Way Cost:	\$780,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$5,655,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$5,655,000</b>	