



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090028-B

Mode: Highway

Status: Submitted

I-26

From/Cross Street: NC 146 (Long Shoals Road)

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-40

Project Category: Statewide Mobility

Length: 6.18

TIP#: I-4700B

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

Cost to NCDOT: \$98,768,000

Description:

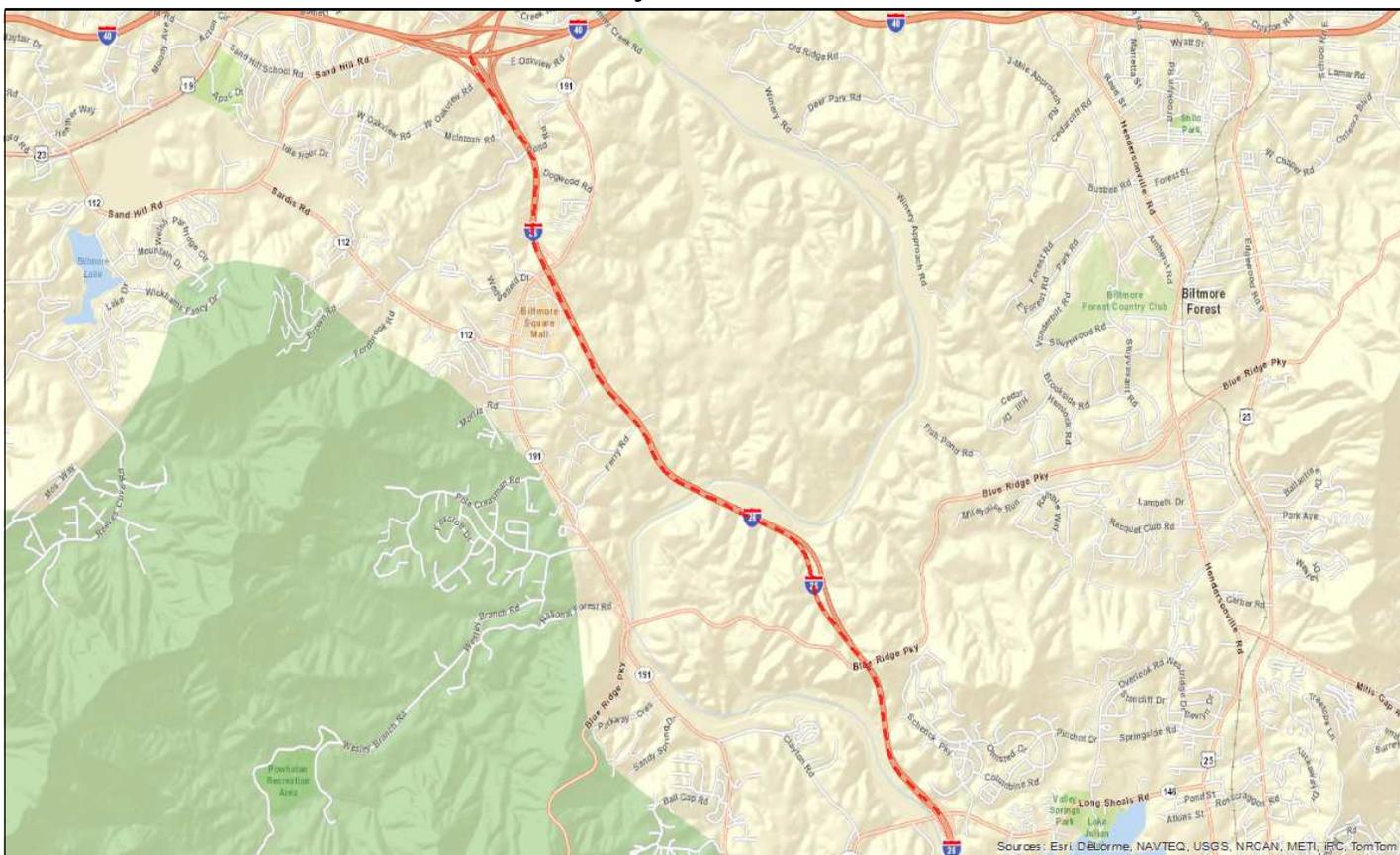
Add Additional Lanes.

Division(s): Division 13

County(s): BUNCOMBE

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

Project Location



Statewide Mobility Total Score: 55

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Economic Competitiveness (10%) 61.85	N/A	N/A
Multimodal + [Freight & Military] (20%) 44.83		
Congestion (V/C) (30%) 94.31		
Safety (10%) 78.87		
[Travel Time] Benefit/Cost (30%) 12.25		
Totals: Weight: 100% Weighted Score: 55		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 94.31	Percent: 15% Points:	Percent: 15% Points:
Accessibility / Connectivity (10%) 25.58		
Safety (10%) 78.87		
[Travel Time] Benefit/Cost (25%) 12.25		
Totals: Weight: 70% Weighted Score: 37.08		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 94.31	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 78.87		
[Travel Time] Benefit/Cost (20%) 12.25		
Totals: Weight: 50% Weighted Score: 29.2		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles):	6.18
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):	76751.57
Capacity:	72400.17
Volume/Capacity Ratio:	1.06
% Autos:	88%
% Trucks:	12%
Truck Volume:	8965.18
Crash Density:	83.35
Crash Severity:	67.25
Critical Crash Rate:	86.04
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	98
Actual Congested Speed:	57.16
Travel Time Index:	1.04

Project Benefits

Project Cross-Section:	8B - 8 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	60
Length (miles):	6.18
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	52444417.52
Travel Time Savings for 30 Years (Autos):	46318504.67
Travel Time Savings for 30 Years (Trucks):	6125912.85
Long-Term Employment:	996
% Change in Economy:	0.00024098
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**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

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

Project Cost and Source

Construction Cost:	\$97,768,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$98,768,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$98,768,000	