



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090002-AB

Mode: Highway

Status: Submitted

I-26, US-19, US-23

From/Cross Street: US 25

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 2207

Project Category: Statewide Mobility

Length: 1.82

TIP#: A-0010AB

Fully Funded in Draft STIP? No

Cost to NCDOT: \$70,500,000

Description:

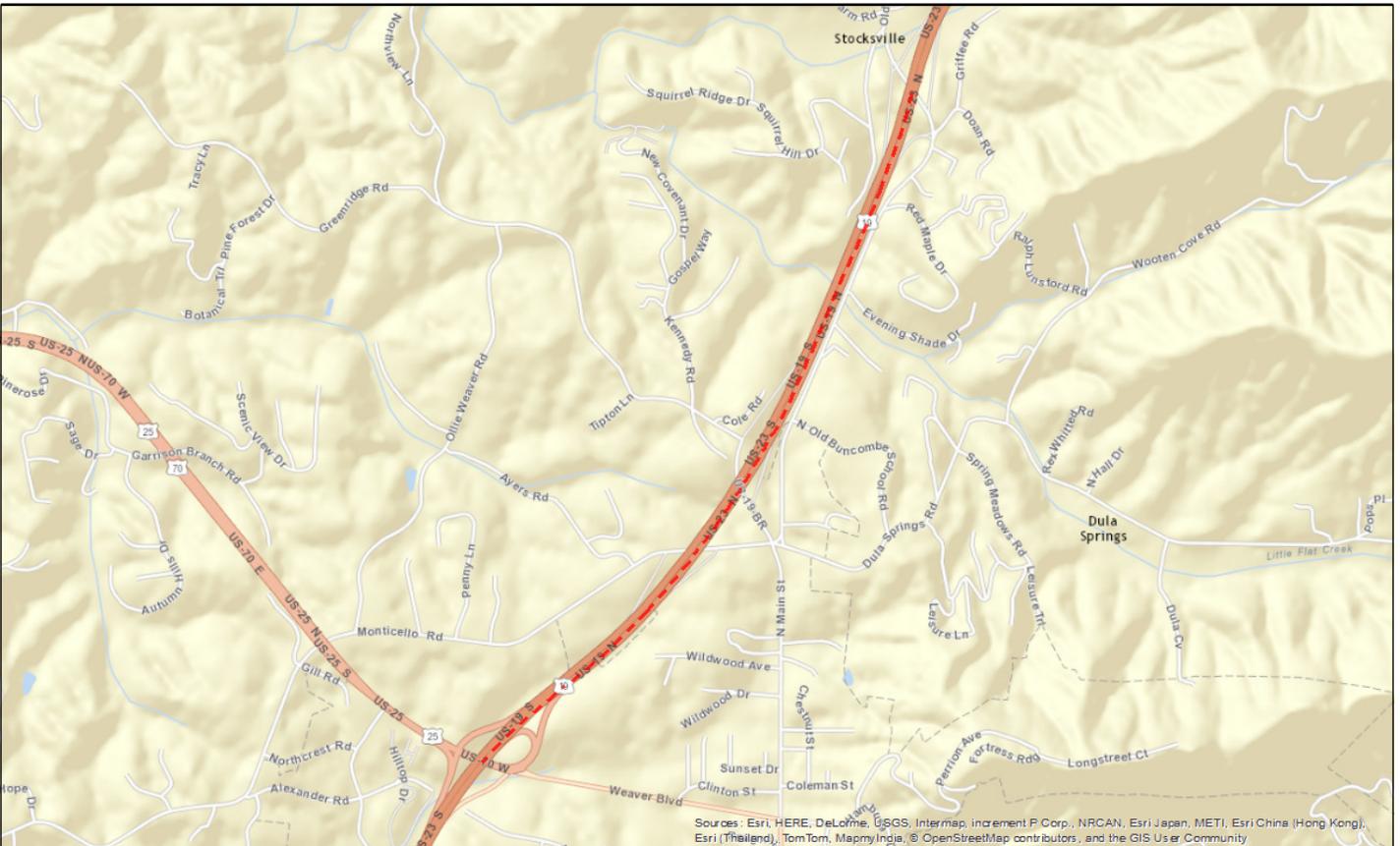
Upgrade Roadway to interstate Standards and Add Additional Lanes.

Division(s): Division 13

County(s): BUNCOMBE

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

Project Location



Statewide Mobility Total Score: 19.96

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Economic Competitiveness (10%) 0.19 Multimodal + [Freight & Military] (20%) 9.29 [Travel Time] Benefit/Cost (30%) 0.05 Congestion (V/C) (30%) 41.20 Safety (10%) 57.11	N/A	N/A
Totals: Weight: 100% Weighted Score: 19.96		

Regional Impact Total Score: 32.34

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 0.05 Congestion (V/C) (25%) 41.20 Safety (10%) 57.11 Accessibility / Connectivity (10%) 13.18	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 17.34		

Division Needs Total Score: 13.96

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 41.20 Safety (10%) 57.11 [Travel Time] Benefit/Cost (20%) 0.05	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 13.96		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles);	1.82
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	33532.2
Capacity:	72400.08
Volume/Capacity Ratio:	0.46
% Autos:	94%
% Trucks:	6%
Truck Volume:	1857.15
Crash Density:	70.63
Crash Severity:	52.35
Critical Crash Rate:	48.38
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	88
Actual Congested Speed:	59.81
Travel Time Index:	0.94

Project Benefits

Project Cross-Section:	6A - 6 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	60
Length (miles):	1.82
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):	158765.51
Travel Time Savings for 30 Years (Autos):	149972.44
Travel Time Savings for 30 Years (Trucks):	8793.07
Long-Term Employment:	3
% Change in Economy:	7.1E-07
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%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$70,000,000	TIP Unit
Right-of-Way Cost:	\$500,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$70,500,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$70,500,000	