



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090799

Mode: Highway

Status: Submitted

SR-1631 (New Route - Frontage Road)

From/Cross Street: SR 1631 (Frontage Road)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: NC 213

Project Category: Division Needs

Length: 0.36

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$1,980,000

Description:

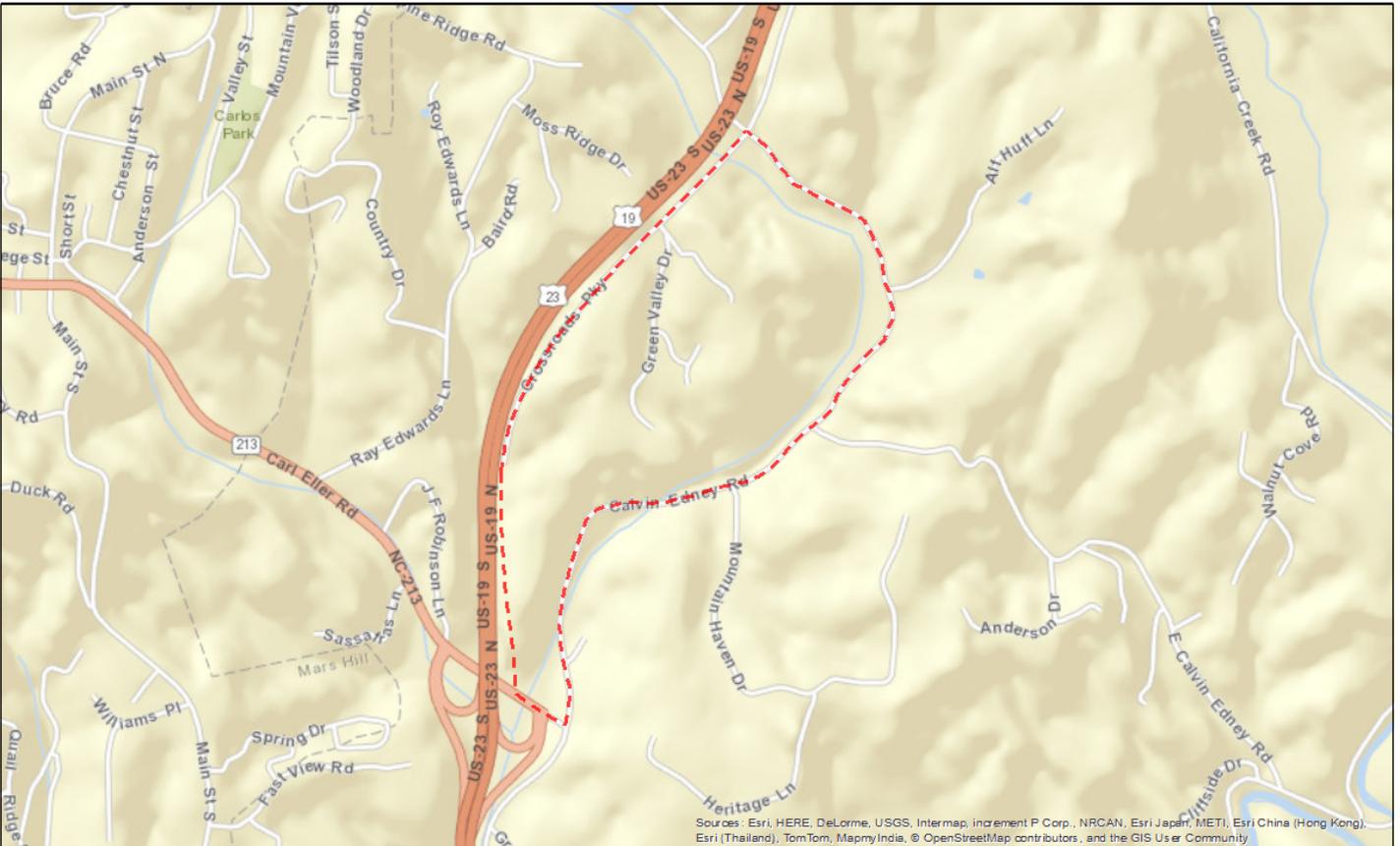
I-26/Hwy 213 interchange - Connect Frontage Road to Highway 213 Or I-26 Exit.

Division(s): Division 13

County(s): MADISON

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
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	Percent: 15% Points: 0	Percent: 15% Points: 0
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 31.28

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 10.95	Percent: 25% Points: 0	Percent: 25% Points: 100
Safety (10%) 20.31		
[Travel Time] Benefit/Cost (20%) 10.30		
Totals: Weight: 50% Weighted Score: 6.28		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	1.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Mountainous
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	2600
Capacity:	15736.03
Volume/Capacity Ratio:	0.17
% Autos:	96%
% Trucks:	4%
Truck Volume:	91
Crash Density:	42.69
Crash Severity:	0
Critical Crash Rate:	18.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	55
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	40
Length (miles):	0.36
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	914030.54
Travel Time Savings for 30 Years (Autos):	882039.47
Travel Time Savings for 30 Years (Trucks):	31991.07
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**

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	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$1,824,000	TIP Unit
Right-of-Way Cost:	\$139,000	Cost Estimation Tool
Utilities Cost:	\$17,000	Cost Estimation Tool
Total Project Cost:	\$1,980,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,980,000	