



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140326

Mode: Highway

Status: Submitted

US-25 ALT , SR-3214 BUS (Biltmore Avenue, Biltmore Avenue)

From/Cross Street: I-40

Specific Improvement Type: 11 - Access Management

To: SR 3284 Charlotte Street/US 25 Southside Ave

Project Category: Regional Impact

Length: 2.1

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$49,027,000

Description:

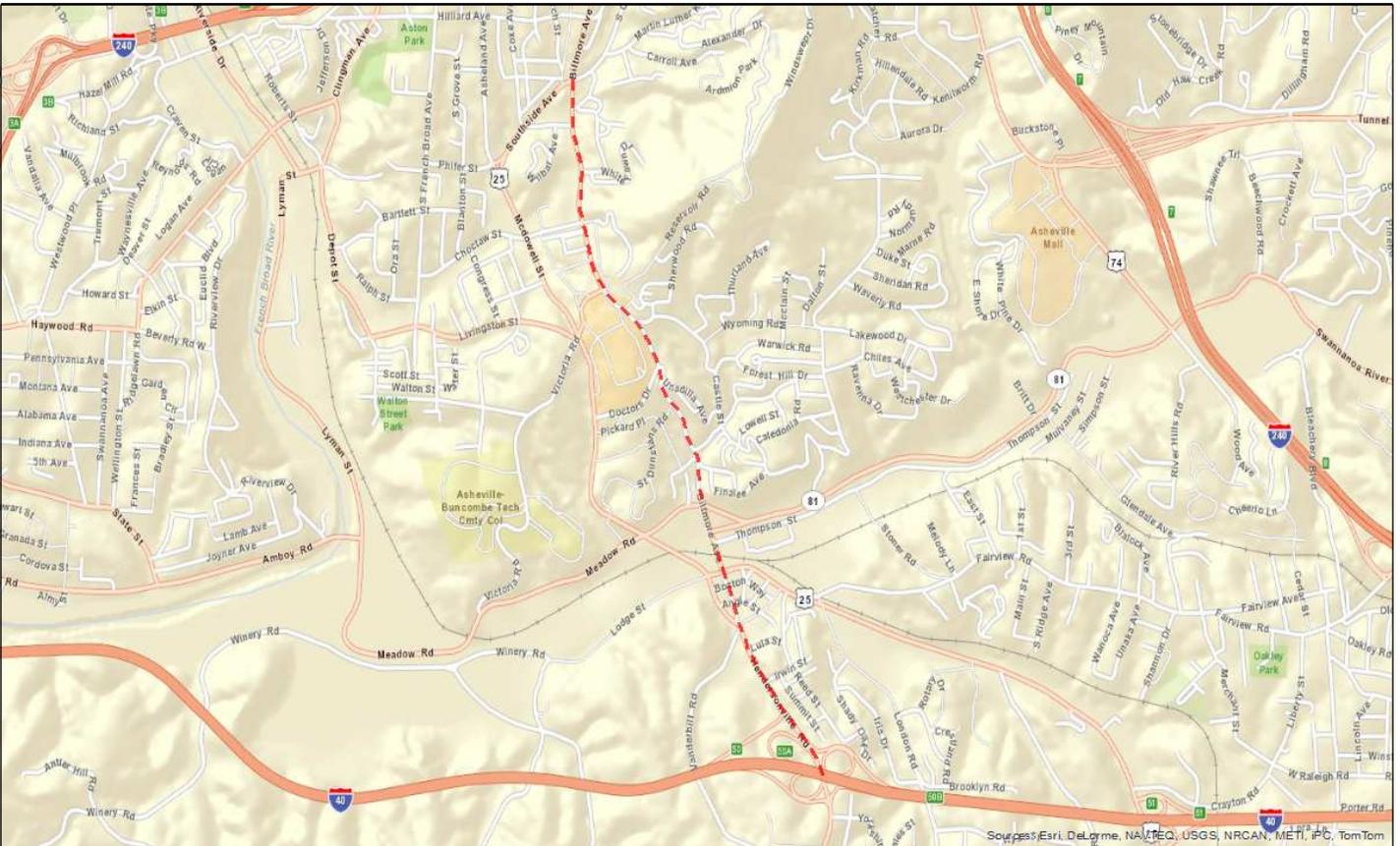
Access Management, spot intersection, and other operational improvements.

Division(s): Division 13

County(s): BUNCOMBE

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
Congestion (V/C) (25%) 56.73	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 78.95		
[Travel Time] Benefit/Cost (25%) 0.54		
Accessibility / Connectivity (10%) 7.28		
Totals: Weight: 70% Weighted Score: 22.94		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 56.73	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 78.95		
[Travel Time] Benefit/Cost (20%) 0.54		
Totals: Weight: 50% Weighted Score: 19.35		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles);	2.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Mountainous
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	21851.22
Capacity:	27320.53
Volume/Capacity Ratio:	0.8
% Autos:	97%
% Trucks:	3%
Truck Volume:	676.91
Crash Density:	84.08
Crash Severity:	60.83
Critical Crash Rate:	91.97
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	68
Actual Congested Speed:	6.7
Travel Time Index:	5.22

Project Benefits

Project Cross-Section:	4G - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	2.1
Facility Type:	Arterial
Access Control:	Partial
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):	1195121.53
Travel Time Savings for 30 Years (Autos):	1158098.86
Travel Time Savings for 30 Years (Trucks):	37022.67
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?	Yes
CTP/LRTP Name:	FBRMPO CTP
CTP/LRTP Completion Year:	2008
Submitted by:	French Broad River MPO

* 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**

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:	\$25,741,000	Cost Estimation Tool
Right-of-Way Cost:	\$20,791,000	Cost Estimation Tool
Utilities Cost:	\$2,495,000	Cost Estimation Tool
Total Project Cost:	\$49,027,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$49,027,000	