



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129619-CA

Mode: Highway

Status: Submitted

I-295 (Fayetteville Outer Loop)

From/Cross Street: South of US 401

Specific Improvement Type: 5 - Construct Roadway on New Location

To: South of SR 1400 (Cliffdale Road)

Project Category: Statewide Mobility

Length: 8.5

TIP#: U-2519CA

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

Cost to NCDOT: \$79,900,000

Description:

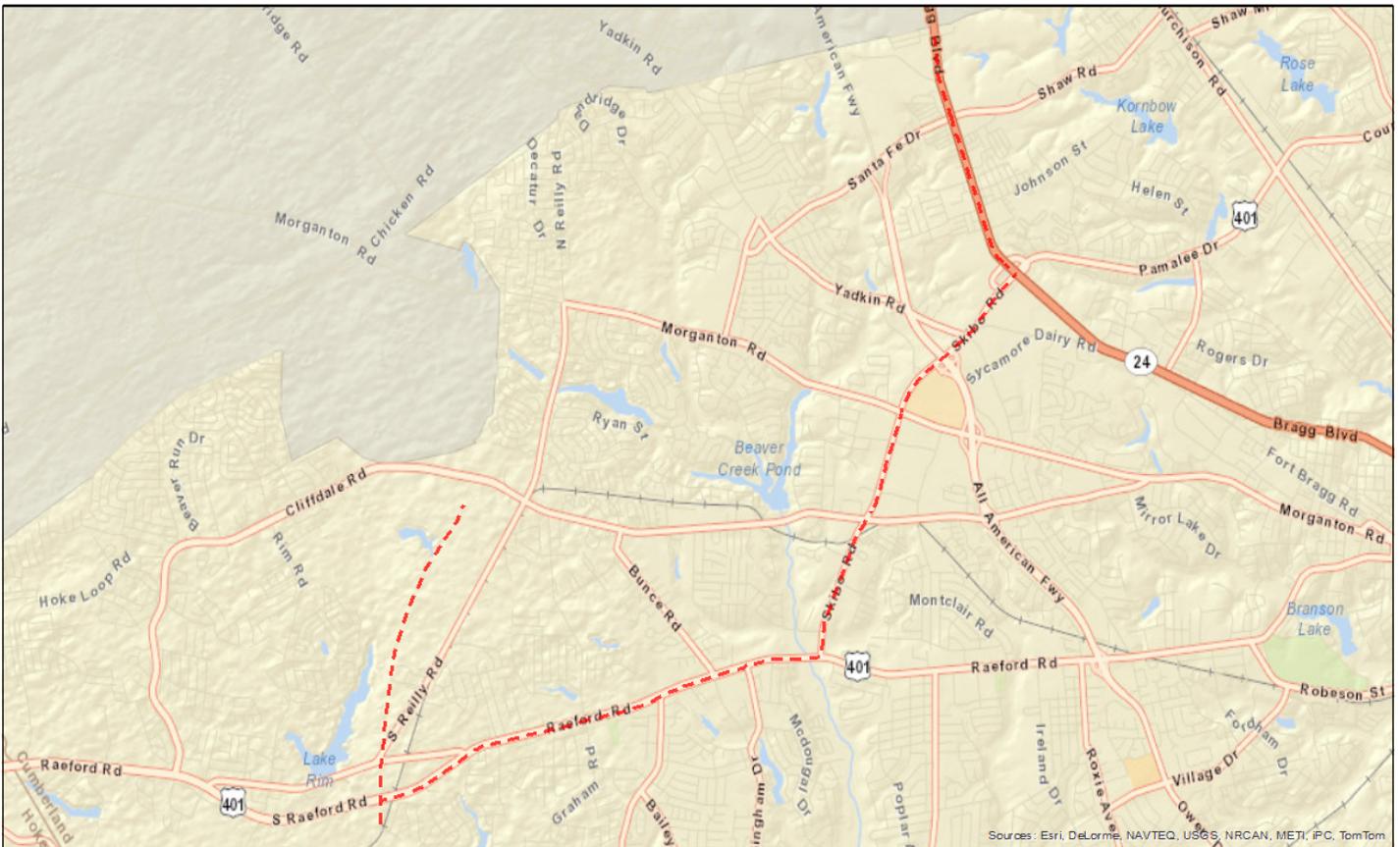
Construct Freeway on New Location.

Division(s): Division 6

County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

Project Location



Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, IPC, TomTom

Statewide Mobility Total Score: 50.46

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Economic Competitiveness (10%) 100.00 Congestion (V/C) (30%) 65.43 Safety (10%) 80.60 Multimodal + [Freight & Military] (20%) 29.37 [Travel Time] Benefit/Cost (30%) 23.00	N/A	N/A
Totals: Weight: 100% Weighted Score: 50.46		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 65.43 Safety (10%) 80.60 [Travel Time] Benefit/Cost (25%) 23.00 Accessibility / Connectivity (10%) 95.83	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 39.75		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 80.60 [Travel Time] Benefit/Cost (20%) 23.00 Congestion (V/C) (20%) 65.43	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 25.75		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles):	9.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	35934.82
Capacity:	42231.83
Volume/Capacity Ratio:	0.85
% Autos:	95%
% Trucks:	5%
Truck Volume:	1618.54
Crash Density:	86.81
Crash Severity:	69.8
Critical Crash Rate:	85.22
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	88
Actual Congested Speed:	31.48
Travel Time Index:	1.54

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	8.5
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	81983903.56
Travel Time Savings for 30 Years (Autos):	78291268.14
Travel Time Savings for 30 Years (Trucks):	3692635.42
Long-Term Employment:	1397
% Change in Economy:	0.00177915
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* 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 6	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$70,300,000	TIP Unit
Right-of-Way Cost:	\$9,600,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$79,900,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$79,900,000	