



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129200-E

Mode: Highway

Status: Submitted

I-95

From/Cross Street: NC 53

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-95 Business/US 301 (Exit 56)

Project Category: Statewide Mobility

Length: 5.58

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$61,631,000

Description:

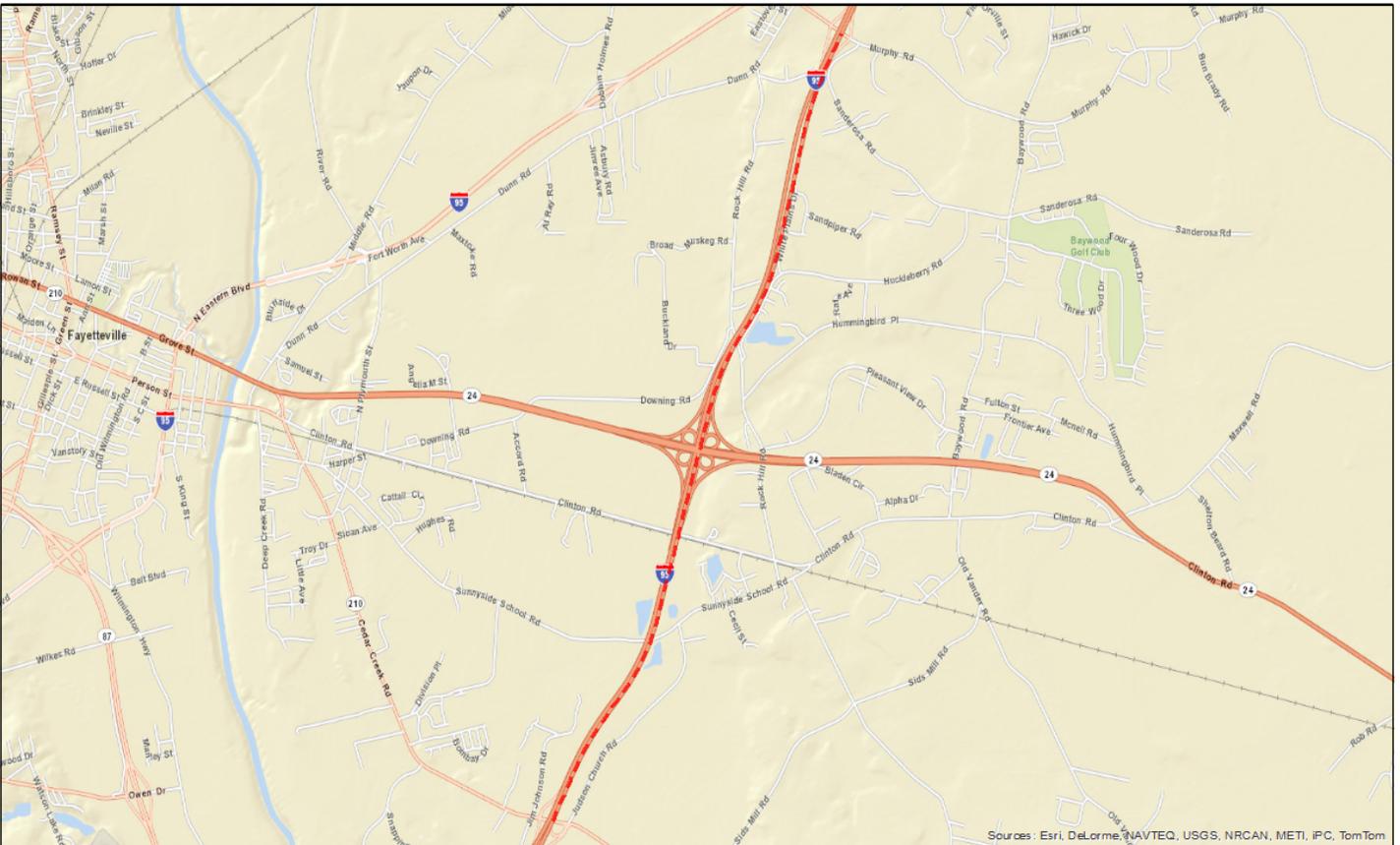
Widen Roadway to 8 Lanes

Division(s): Division 6

County(s): CUMBERLAND

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

Project Location



Statewide Mobility Total Score: 25.76

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%)	0.37	N/A	N/A
Congestion (V/C) (30%)	48.04		
Safety (10%)	45.52		
Economic Competitiveness (10%)	1.88		
Multimodal + [Freight & Military] (20%)	32.48		
Totals: Weight: 100% Weighted Score: 25.76			

Regional Impact Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%)	0.37	Percent: 15% Points:	Percent: 15% Points:
Accessibility / Connectivity (10%)	32.07		
Congestion (V/C) (25%)	48.04		
Safety (10%)	45.52		
Totals: Weight: 70% Weighted Score: 19.86			

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	0.37	Percent: 25% Points:	Percent: 25% Points:
Safety (10%)	45.52		
Congestion (V/C) (20%)	48.04		
Totals: Weight: 50% Weighted Score: 14.24			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	70
Length (miles):	5.58
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	39102.08
Capacity:	72406.74
Volume/Capacity Ratio:	0.54
% Autos:	83%
% Trucks:	17%
Truck Volume:	6496.95
Crash Density:	25.6
Crash Severity:	72.98
Critical Crash Rate:	38
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	95
Actual Congested Speed:	66
Travel Time Index:	1.06

Project Benefits

Project Cross-Section:	8A - 8 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	5.58
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):	972458.5
Travel Time Savings for 30 Years (Autos):	810881.11
Travel Time Savings for 30 Years (Trucks):	161577.39
Long-Term Employment:	16
% Change in Economy:	2.16E-05
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 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:	\$61,241,000	Cost Estimation Tool
Right-of-Way Cost:	\$348,000	Cost Estimation Tool
Utilities Cost:	\$42,000	Cost Estimation Tool
Total Project Cost:	\$61,631,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$61,631,000	