



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090017

Mode: Highway

Status: Submitted

I-85

From/Cross Street: US 1

Specific Improvement Type: 8 - Improve Interchange

To:

Project Category: Statewide Mobility

Length: 2

TIP#: I-3812

Fully Funded in Draft STIP? No

Cost to NCDOT: \$24,442,000

Description:

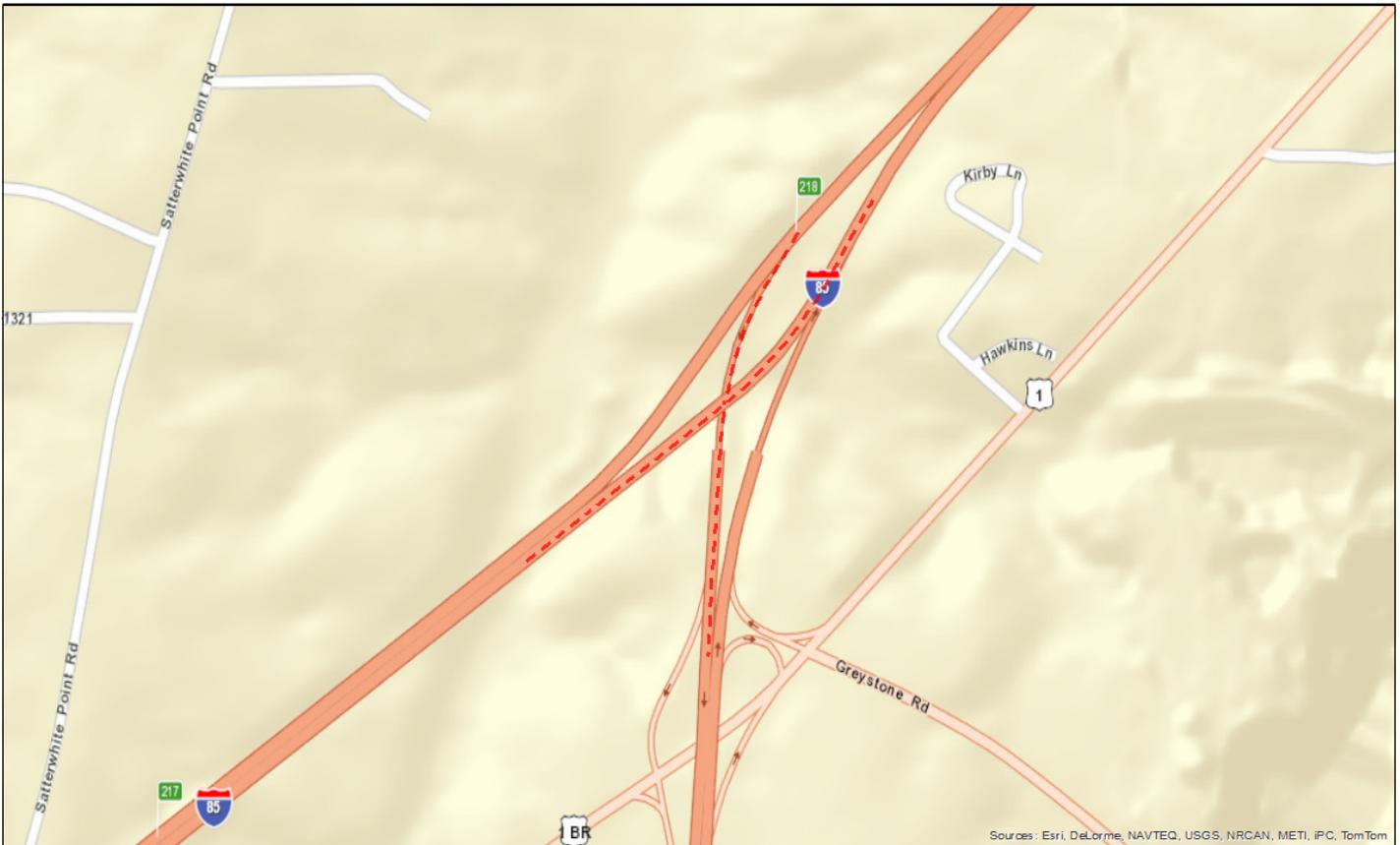
Provide Additional Traffic Movements

Division(s): Division 5

County(s): VANCE

MPOS(s)/RPO(s): Kerr-Tar RPO

Project Location



Statewide Mobility Total Score: 13.15

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 24.95	N/A	N/A
Safety (10%) 16.65		
Economic Competitiveness (10%) 0.53		
[Travel Time] Benefit/Cost (30%) 0.35		
Multimodal + [Freight & Military] (20%) 19.24		
Totals: Weight: 100% Weighted Score: 13.15		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 24.95	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 16.65		
[Travel Time] Benefit/Cost (25%) 0.35		
Accessibility / Connectivity (10%) 45.95		
Totals: Weight: 70% Weighted Score: 12.58		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 0.35	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%) 24.95		
Safety (10%) 16.65		
Totals: Weight: 50% Weighted Score: 6.72		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles);	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	29951.29
Capacity:	138597.16
Volume/Capacity Ratio:	0.22
% Autos:	87%
% Trucks:	13%
Truck Volume:	3847.59
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	28
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	100
Actual Congested Speed:	61.89
Travel Time Index:	1.05

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2
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):	368000
Travel Time Savings for 30 Years (Autos):	320726.16
Travel Time Savings for 30 Years (Trucks):	47273.84
Long-Term Employment:	6.09
% Change in Economy:	4.41E-06
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 5

* 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 5	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Kerr-Tar RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$23,712,000	TIP Unit
Right-of-Way Cost:	\$730,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$24,442,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$24,442,000	