



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090287-B

Mode: Highway

Status: Submitted

US-74, US-76

From/Cross Street: SR 1001 (Hallsboro Road)

Specific Improvement Type: 7 - Upgrade At-grade Intersection to Interchange or Grade Separation

To:

Project Category: Statewide Mobility

Length: 2

TIP#: R-4462

Fully Funded in Draft STIP? No

Cost to NCDOT: \$5,750,000

Description:

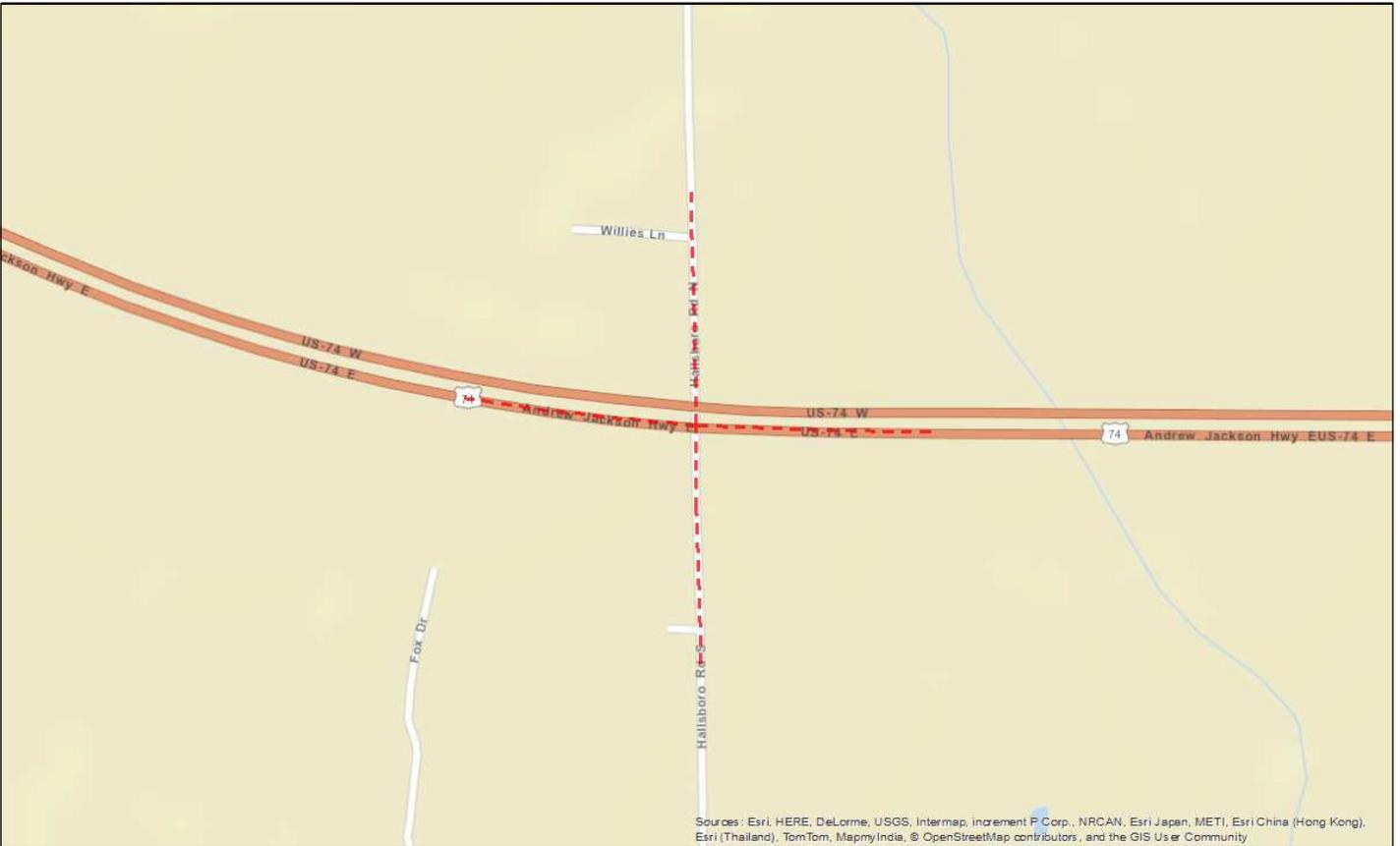
Upgrade At-grade Intersection to Interchange

Division(s): Division 6

County(s): COLUMBUS

MPOS(s)/RPO(s): Cape Fear RPO

Project Location



Statewide Mobility Total Score: 10.8

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 15.23 Safety (10%) 50.00 Economic Competitiveness (10%) 0.59 Multimodal + [Freight & Military] (20%) 3.98 [Travel Time] Benefit/Cost (30%) 1.27	N/A	N/A
Totals: Weight: 100% Weighted Score: 10.8		

Regional Impact Total Score: 29.38

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 15.23 Safety (10%) 50.00 [Travel Time] Benefit/Cost (25%) 1.27 Accessibility / Connectivity (10%) 52.60	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 14.38		

Division Needs Total Score: 58.3

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 15.23 Safety (10%) 50.00 [Travel Time] Benefit/Cost (20%) 1.27	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 8.3		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	63
Length (miles);	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	14201.14
Capacity:	89255.2
Volume/Capacity Ratio:	0.16
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	0
Severity Index:	100
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	93
Actual Congested Speed:	31
Travel Time Index:	1.77

Project Benefits

Project Cross-Section:	
Speed Limit:	70
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	332000
Travel Time Savings for 30 Years (Autos):	332000
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	5
% Change in Economy:	6.82E-06
Provides Direct Connection to Transportation Terminal?	No
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 Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Cape Fear RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$0	TIP Unit
Right-of-Way Cost:	\$0	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$5,750,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,750,000	