



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090599

Mode: Highway

Status: Submitted

I-85 BUS , US-29, US-70

From/Cross Street: SR 1798 (Old Greensboro Road)

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

To:

Project Category: Regional Impact

Length: 2

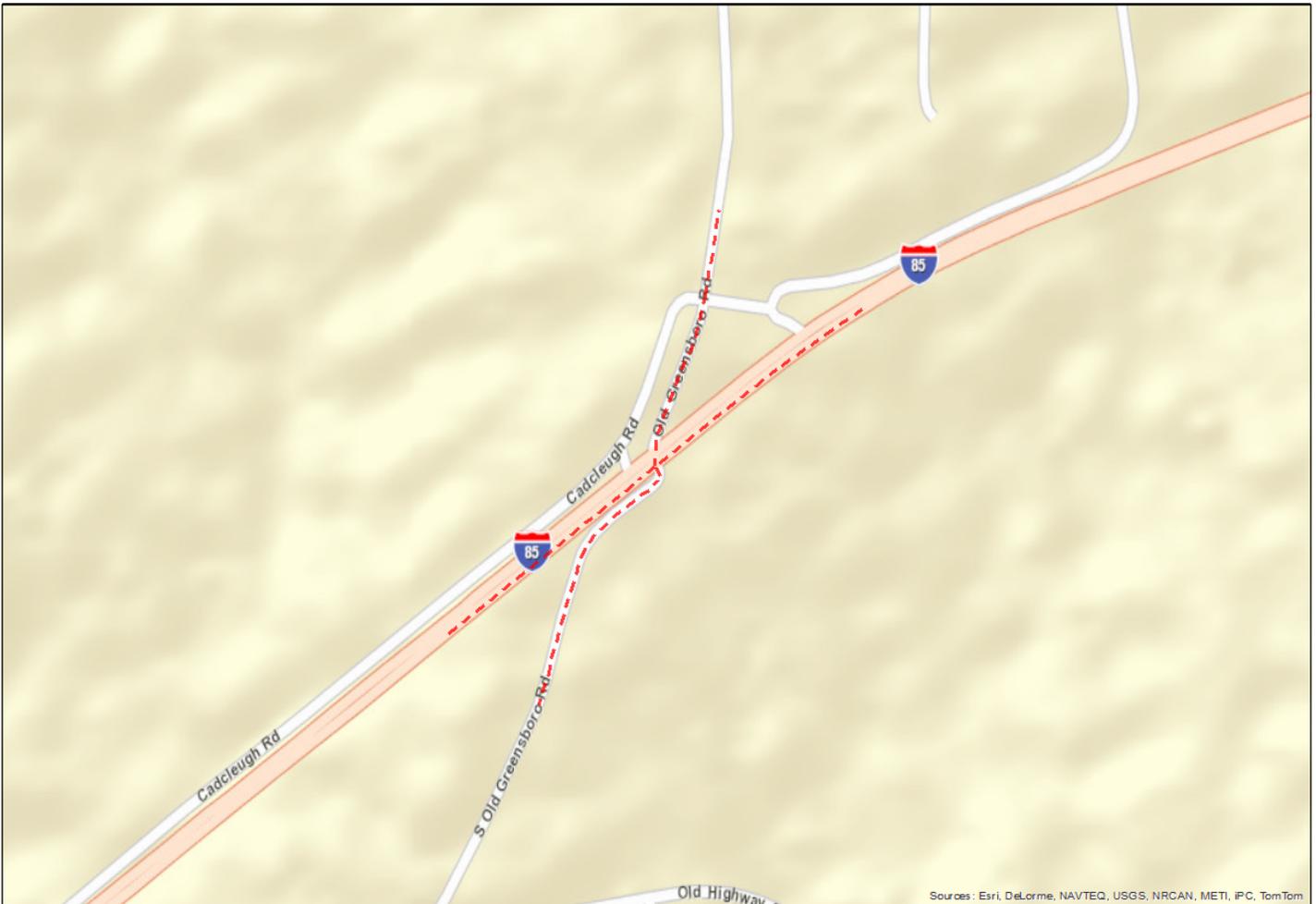
TIP#:

Cost to NCDOT: \$12,450,000

Description:

Construct a New interchange at the intersection of I-85 Business/US 29/70 and Old Greensboro Road

Project Location



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

Statewide Mobility Total Score

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

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 16.58 Safety (10%) 66.65 Accessibility / Connectivity (10%) 36.21 [Travel Time] Benefit/Cost (25%) 100.00	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 39.43		

Division Needs Total Score

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 16.58 Safety (10%) 66.65 [Travel Time] Benefit/Cost (20%) 100.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 29.98		

Existing Conditions

Volume (AADT)	15,077
Capacity	85,772.31
Volume/Capacity Ratio	0.18
Speed Limit	55
Existing Facility Type	Multi-Lane Highway

Other Funding \$2,900,000

Other Funding Source DCCC

Ranking Criteria Score



Project Data

Existing Conditions:

Volume (AADT):	15077
Capacity:	85772.31
Volume/Capacity Ratio:	0.18
Actual Congested Speed:	28.05
Speed Limit:	55
Travel Time Index:	1.96
Truck Volume:	524.68
Pavement Condition Rating:	86
Crash Density:	69.85
Crash Severity:	49.11
Critical Crash Rate:	56.88
Crash Frequency:	33.3
Severity Index:	100
Lane Width:	12
Shoulder Width:	0
Non-Interstate STRAHNET Route?	N
Provides Direct Connection to Transportation Terminal?	N
County Tier Designation:	2
Existing Facility Type:	Multi-Lane Highway
Average Commuting Time:	18

Project Benefits:

Travel Time Savings (Autos):	0
Travel Time Saving (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Project Facility Type	Multi-Lane Highway

Project Cost:

Construction Cost:	\$10,260,000
Right-of-Way Cost:	\$2,190,000
Utilities Cost:	\$0
Total Project Cost:	\$12,450,000
Other Funding:	\$2,900,000
Other Funding Source:	Davidson County Community College
Cost to NCDOT :	\$12,450,000

Local Input Points:

First Divison:	Division 9
First Division %:	100
Second Division:	
Second Division %:	0
Third Division:	
Third Division % :	0
First MPO/RPO:	High Point Urban Area MPO
First MPO/RPO %:	100
Second MPO/RPO:	
Second MPO/RPO %:	0
Third MPO/RPO:	
Third MPO/RPO %:	0

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