



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090140-B

Mode: Highway

Status: Submitted

US-158

From/Cross Street: NC 86 Near Pleasant Grove

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1159 (Thee Hester Road) in Person County

Project Category: Statewide Mobility

Length: 11.86

TIP#: R-2575B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$49,000,000

Description:

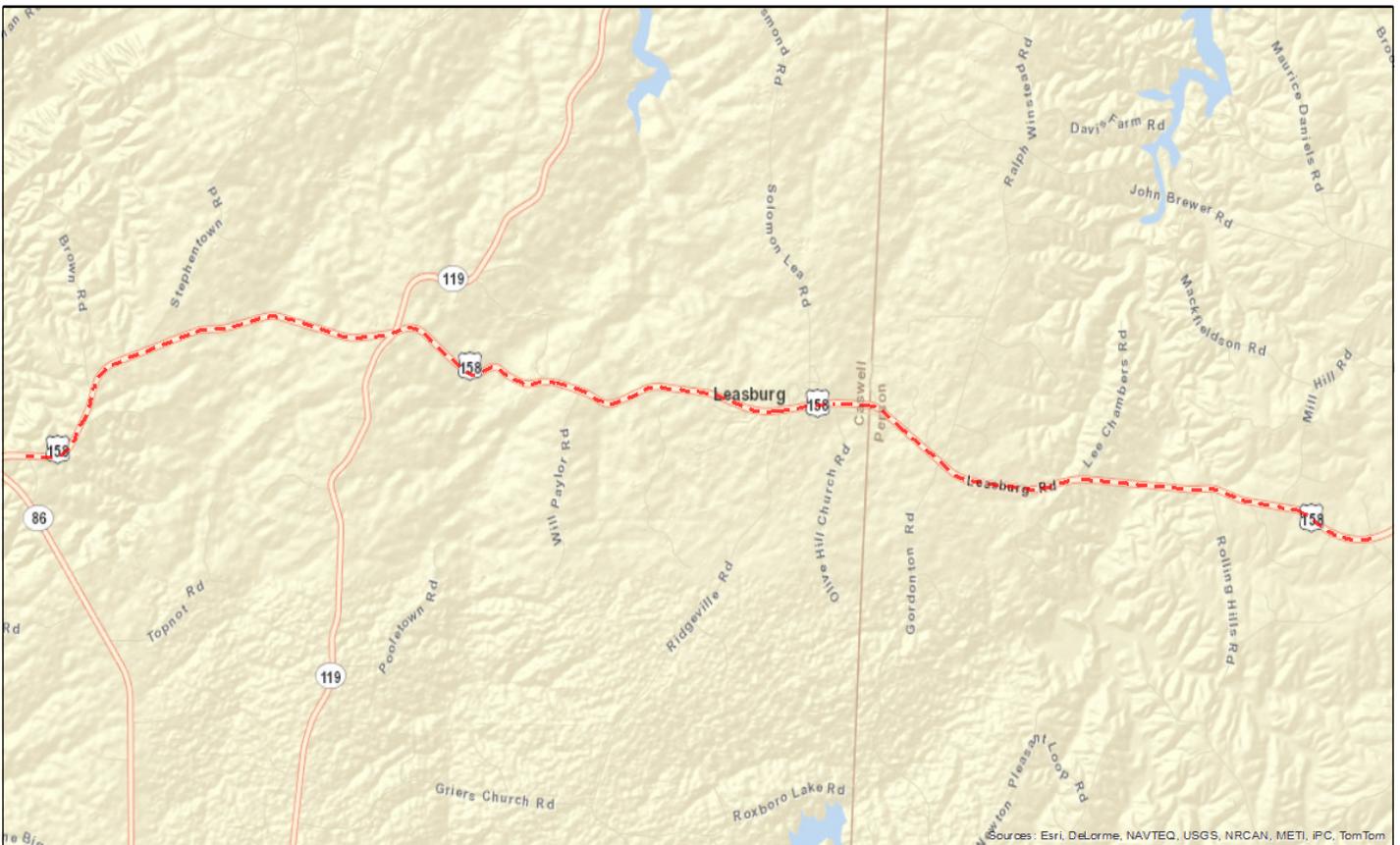
Widen to Multi-Lanes.

Division(s): Division 7, Division 5

County(s): CASWELL, PERSON

MPOS(s)/RPO(s): Piedmont Triad RPO, Kerr-Tar RPO

Project Location



Statewide Mobility Total Score: 7

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%)	0.00	N/A	N/A
Congestion (V/C) (30%)	7.65		
Economic Competitiveness (10%)	0.00		
Multimodal + [Freight & Military] (20%)	0.81		
Safety (10%)	45.42		
Totals: Weight: 100% Weighted Score: 7			

Regional Impact Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	7.65	Percent: 15% Points:	Percent: 15% Points:
Safety (10%)	45.42		
[Travel Time] Benefit/Cost (25%)	0.00		
Accessibility / Connectivity (10%)	25.38		
Totals: Weight: 70% Weighted Score: 8.99			

Division Needs Total Score: 0

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%)	0.00	Percent: 25% Points:	Percent: 25% Points:
Congestion (V/C) (20%)	7.65		
Safety (10%)	45.42		
Totals: Weight: 50% Weighted Score: 6.07			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	11.86
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	1792.32
Capacity:	15500.08
Volume/Capacity Ratio:	0.12
% Autos:	91%
% Trucks:	9%
Truck Volume:	162.48
Crash Density:	41.25
Crash Severity:	40.28
Critical Crash Rate:	54.74
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	30
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	74
Actual Congested Speed:	49.12
Travel Time Index:	1.12

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	11.86
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
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 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 7	64%	0	0
Division 5	36%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Piedmont Triad RPO	64%	0	0
Kerr-Tar RPO	36%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$40,600,000	TIP Unit
Right-of-Way Cost:	\$8,400,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$49,000,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$49,000,000	