



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129676-B

Mode: Highway

Status: Submitted

US-13, NC-11

From/Cross Street: NC 11/NC 561 Near Ahoskie

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 158/NC 45 Near Winton

Project Category: Statewide Mobility

Length: 7.77

TIP#: R-5311B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$78,190,000

Description:

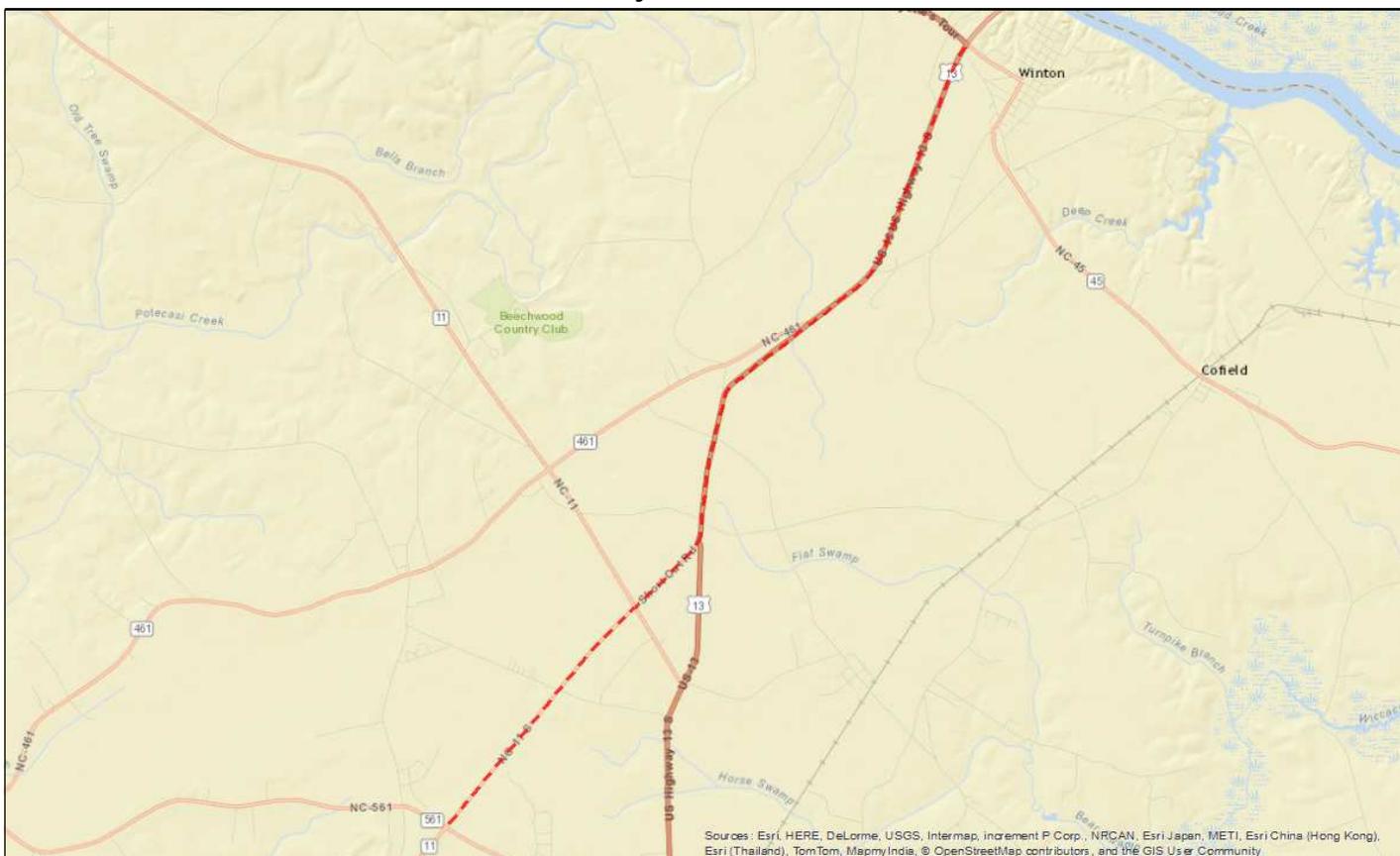
Widen to Multi-Lanes.

Division(s): Division 1

County(s): HERTFORD

MPOS(s)/RPO(s): Peanut Belt RPO

Project Location



Statewide Mobility Total Score: 14.29

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 24.00	N/A	N/A
Safety (10%) 45.09		
Economic Competitiveness (10%) 0.48		
Multimodal + [Freight & Military] (20%) 12.62		
[Travel Time] Benefit/Cost (30%) 0.04		
Totals: Weight: 100% Weighted Score: 14.29		

Regional Impact Total Score: 25.37

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 24.00	Percent: 15% Points: 100	Percent: 15% Points: 0
Safety (15%) 45.09		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.04		
Totals: Weight: 70% Weighted Score: 10.37		

Division Needs Total Score: 6.91

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 24.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%) 45.09		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.04		
Totals: Weight: 50% Weighted Score: 6.91		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	7.77
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	5623.56
Capacity:	15511.56
Volume/Capacity Ratio:	0.36
% Autos:	87%
% Trucks:	13%
Truck Volume:	711.88
Crash Density:	59.76
Crash Severity:	36.97
Critical Crash Rate:	38.55
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	96
Actual Congested Speed:	32.82
Travel Time Index:	0.94

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	51
Length (miles):	7.77
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	133634.1
Travel Time Savings for 30 Years (Autos):	116717.64
Travel Time Savings for 30 Years (Trucks):	16916.46
Long-Term Employment:	2.11
% Change in Economy:	7.59E-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 1

* 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 1	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Peanut Belt RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$73,100,000	TIP Unit
Right-of-Way Cost:	\$4,425,000	TIP Unit
Utilities Cost:	\$665,000	TIP Unit
Total Project Cost:	\$78,190,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$78,190,000	