



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090651

Mode: Highway

Status: Submitted

SR-1004 (Old Oxford Highway)

From/Cross Street: US 501 Business (Roxboro Road) Specific Improvement Type: 1 - Widen Existing Roadway

To: Hamlin Road

Project Category: Division Needs

Length: 1.52

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$14,103,000

Description:

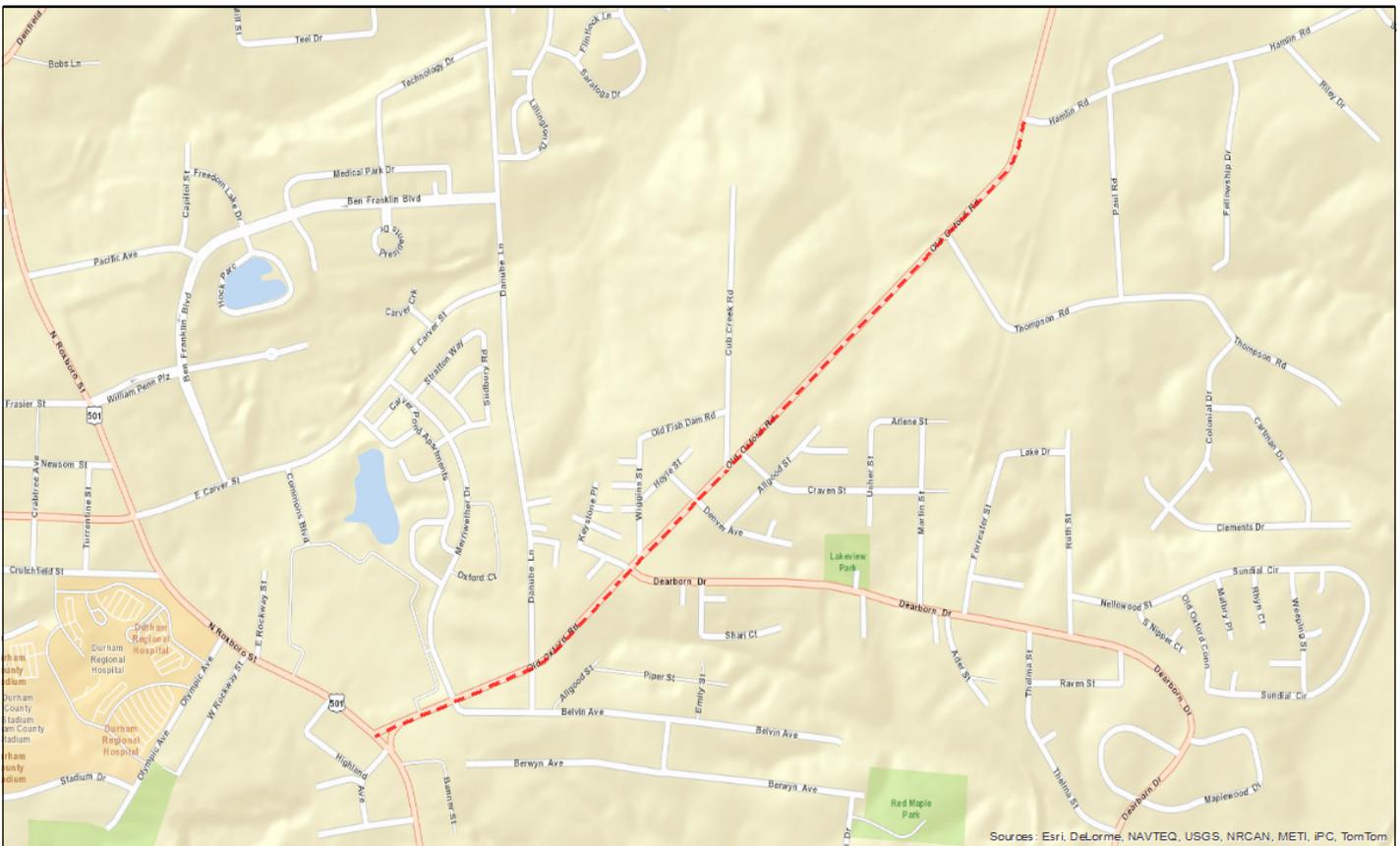
Old Oxford Highway (Roxboro Road to Hamlin Road) Expand Capacity, Bike Lanes, and Sidewalks.

Division(s): Division 5

County(s): DURHAM

MPOS(s)/RPO(s): Durham Chapel Hill Carrboro MPO

Project Location



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

Statewide Mobility Total Score: 0

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: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 0% Weighted Score: 0		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (20%) 2.59 Congestion (V/C) (20%) 44.77 Safety (10%) 79.92	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 17.46		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	38
Length (miles);	1.52
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	10666.16
Capacity:	15800.16
Volume/Capacity Ratio:	0.68
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.8
Crash Severity:	69.74
Critical Crash Rate:	70.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	33.75
Travel Time Index:	1.14

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.52
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1660641.79
Travel Time Savings for 30 Years (Autos):	1660641.79
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
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!line 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
Durham Chapel Hill Carrboro MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$10,830,000	TIP Unit
Right-of-Way Cost:	\$2,922,000	Cost Estimation Tool
Utilities Cost:	\$351,000	Cost Estimation Tool
Total Project Cost:	\$14,103,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$14,103,000	