



# NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090827

**Mode:** Highway

**Status:** Submitted

## (New Route - Timber/Jones Sausage Connector)

**From/Cross Street:** Jones Sausage Road

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** Timber Drive

**Project Category:** Division Needs

**Length:** 1.02

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$7,217,000

### Description:

Construct Multi-Lanes on New Location

**Division(s):** Division 5

**County(s):** WAKE

**MPOS(s)/RPO(s):** Capital Area MPO

### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

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

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 29.37 Safety (10%) 64.18 [Travel Time] Benefit/Cost (20%) 4.99	Percent: 25% Points:	Percent: 25% Points:
<b>Totals: Weight: 50% Weighted Score: 13.29</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.6
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	11066.52
Capacity:	26614.87
Volume/Capacity Ratio:	0.42
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	67.97
Crash Severity:	74.09
Critical Crash Rate:	50.51
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	13.88
Travel Time Index:	1.56

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	40
Length (miles):	1.02
Facility Type:	Arterial
Access Control:	None
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):	1636647.59
Travel Time Savings for 30 Years (Autos):	1636647.59
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!ine tool and associated databases.

**Project Ownership**

**Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 5	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Capital Area MPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$4,446,000	TIP Unit
Right-of-Way Cost:	\$2,474,000	Cost Estimation Tool
Utilities Cost:	\$297,000	Cost Estimation Tool
Total Project Cost:	\$7,217,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$7,217,000</b>	