



# NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141059

Mode: Highway

Status: Submitted

## SR-1010 (Ten Ten Rd)

From/Cross Street: SR 1386 (Bells Lake Rd)

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1006 (Old Stage Rd)

Project Category: Division Needs

Length: 5.06

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$50,081,000

### Description:

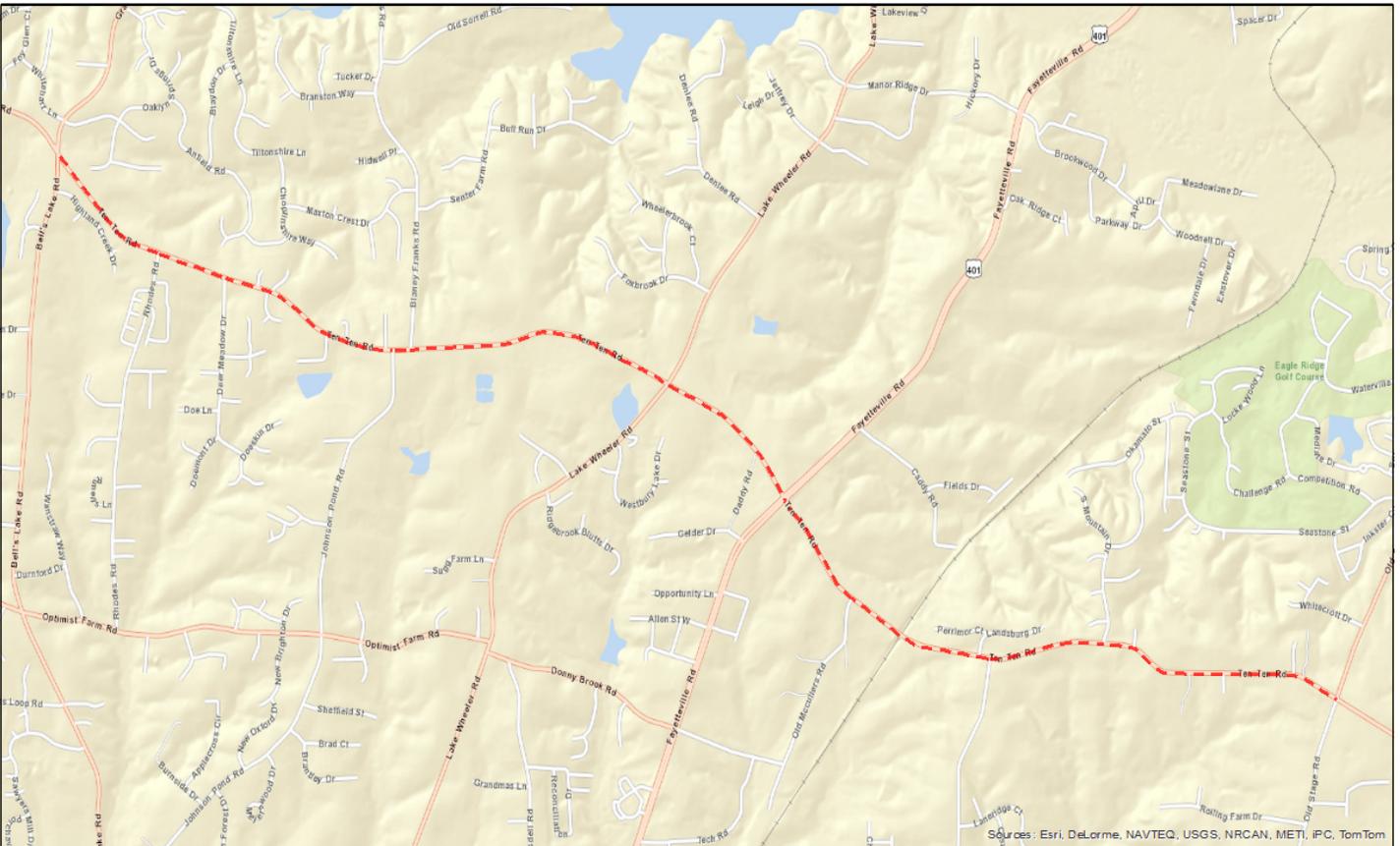
Widen to 4 lane divided

Division(s): Division 5

County(s): WAKE

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

### Project Location



**Statewide Mobility Total Score: 0**

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

**Regional Impact Total Score: 0**

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

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)                      53.06	Percent: 25% Points:	Percent: 25% Points:
Safety (10%)                                      76.52		
[Travel Time] Benefit/Cost (20%)            1.71		
<b>Totals: Weight: 50% Weighted Score: 18.61</b>		

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

Existing Cross-Section:	
Speed Limit:	49
Length (miles);	5.06
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	12641.92
Capacity:	15800
Volume/Capacity Ratio:	0.8
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.8
Crash Severity:	66.53
Critical Crash Rate:	63.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	29
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	89
Actual Congested Speed:	39.1
Travel Time Index:	1.15

**Project Benefits**

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	49
Length (miles):	5.06
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	3901934.88
Travel Time Savings for 30 Years (Autos):	3901934.88
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?	Yes
CTP/LRTP Name:	2040 MTP
CTP/LRTP Completion Year:	2012
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:	\$37,801,000	Cost Estimation Tool
Right-of-Way Cost:	\$10,964,000	Cost Estimation Tool
Utilities Cost:	\$1,316,000	Cost Estimation Tool
Total Project Cost:	\$50,081,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$50,081,000</b>	