

## **NCDOT Prioritization 3.0 Project Summary**

**SPOT ID:** H090575-A Mode: Highway Status: Submitted

### NC-54

From/Cross Street: NW Maynard Road

Specific Improvement Type: 1 - Widen Existing Roadway

To: Cary Parkway

**Project Category: Regional Impact** 

Length: 1.24

**TIP#:** FS-1005B

**Fully Funded in Draft STIP?** No Cost to NCDOT: \$16,398,000

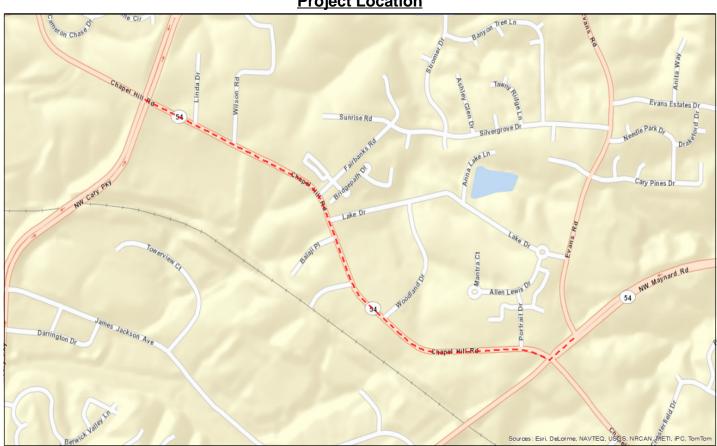
#### **Description:**

Widen from 2 to 6 Lanes.

Division(s): Division 5 County(s): WAKE

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

## **Project Location**



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## **Statewide Mobility Total Score: 0**

Quanitative 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**

Quanitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Congestion (V/C) (25%)  Totals: Weight: 70% Weighted Score	88.03 2.16 4.57 57.60	Percent: 15% Points:	Percent: 15% Points:

### **Division Needs Total Score: 0**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)  Totals: Weight: 50% Weighted Score	57.60 88.03 2.16 e: <b>20.75</b>	Percent: 25% Points:	Percent: 25% Points:

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#### Project Data \*

#### **Existing Conditions**

#### **Existing Cross-Section:** 45 Speed Limit: 1.24 Length (miles); Facility Type: Arterial Access Control: None Functional Classification: Other Principal Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 13721.84 15800.49 Capacity: Volume/Capacity Ratio: 0.87 94% % Autos: % Trucks: 6% Truck Volume: 795.65 98.79 Crash Density: 66.54 Crash Severity: Critical Crash Rate: 98.79 0 Crash Frequency: 0 Severity Index: 3 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 19 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 86 Actual Congested Speed: 33.01

1.36

Travel Time Index:

#### **Project Benefits**

6E - 6 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
45
1.24
Arterial
Partial
Other Principal Arterial
Rolling
12
4
1568637.36
1477681.41
90955.95
No
No
No
Division 5

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

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## **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
Capital Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

# **Project Cost and Source**

Construction Cost:	\$9,567,000	Cost Estimation Tool
Right-of-Way Cost:	\$6,099,000	Cost Estimation Tool
Utilities Cost:	\$732,000	Cost Estimation Tool
Total Project Cost:	\$16,398,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$16,398,000	

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