

**TARGET SPEED RECOMMENDATION REPORT**  
**FY 26 Resurfacing – SR 434**



**General Roadway Information**

<b>FIN#:</b> 452912-1	<b>FDOT Project Manager:</b> Aleacia Spann
<b>State Road Number (Local Name):</b> SR 434 (Alafaya Trl/S Central Ave)	<b>Roadway ID:</b> 77170000
<b>Project Limits:</b> From Orange County Line to north of Clonts St	<b>MP:</b> 0.000 to <b>MP:</b> 3.170
<b>County:</b> Seminole	<b>City/Town:</b> Oviedo (1.895-3.170)
<b>PROPOSED TARGET SPEED:</b>	<b>Project Type (Description):</b> Resurfacing
<b>EXISTING TYPICAL SECTION</b>	
2-6 lanes divided with 11-ft to 12-ft lane widths. 4' complete paved outside shoulder with complete curb and gutter (6' total shoulder). Medians are a combination of traffic separator and paved.	

**Step 1: Identify Need**

<b>SAFETY CONCERNS:</b>	620 total crashes (2 fatalities) 6 pedestrian crashes (2 fatalities) 11 bicycle crashes (0 fatalities)
<b>LOCAL INPUT:</b>	
<b>OTHER:</b>	

**Step 2: Determine FDM Consistency**

<b>CONTEXT CLASSIFICATION:</b>	C3C – Suburban Commercial (0.000-1.377, 2.025-3.170) C3R – Suburban Residential (1.377-2.025)
<b>STRATEGIC INTERMODAL SYSTEM (SIS):</b>	No
<b>POSTED SPEED (CURRENT):</b>	45 mph (0.000-0.200, 2.582-3.170) 50 mph (0.200-2.582)
<b>DESIGN SPEED:</b>	45 mph

**OPTIONAL: Speed Study Information**

<b>Allowable range of design speeds:</b> (per FDM table 201.5.1)	C3: 35-55 mph
---------------------------------------------------------------------	---------------

**Step 3: Identify Important Roadway Features**

<b>THROUGH LANES &amp; LANE WIDTHS:</b>	6 lanes divided (3 each direction) Left – 11' widths (0.000-0.149) 11.6' widths (0.149-3.028) Right – 11' widths (0.000-0.149) 11.6' widths (0.149-3.028)
-----------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

**TARGET SPEED RECOMMENDATION REPORT**  
**FY 26 Resurfacing – SR 434**

	3 lanes divided (2 left, 1 right) Left – 11.5' widths (3.028-3.157) Right – 11' width (3.028-3.157) 2 lanes divided (1 each direction) Left – 12' widths (3.157-3.170) Right – 12' width (3.157-3.170)
<b>TRANSIT:</b>	20 stops (Lynx bus route 434)
<b>BICYCLISTS / PEDESTRIANS FACILITY CONDITIONS:</b>	Complete sidewalk coverage. Right – 5' widths (0.000-0.560, 0.620-1.865, 1.985-2.035, 2.075-2.530, 2.600-3.045, 3.150-3.170) 4' widths (0.560-0.620) 6' widths (1.865-1.985, 2.035-2.075, 2.530-2.600, 3.045-3.150) Left – 5' widths (0.000-0.299, 0.399-0.424, 0.734-1.824, 1.964-3.170) 6' widths (0.299-0.399, 1.824-1.964) 4' width (0.424-0.734) No bicycle lane coverage.
<b>ACCESS MANAGEMENT:</b>	Class 3
<b>CURRENT ANNUAL AVERAGE DAILY TRAFFIC (AADT):</b>	42,500 (0.000-2.025) 33,500 (2.025-3.028) 14,200 (3.028-3.170)
<b>% TRUCK USAGE:</b>	10.6% (0.000-2.025, 3.028-3.170) 2.7% (2.025-3.028)

**Step 4: Potential Countermeasures**

<b>POTENTIAL COUNTERMEASURES to help Achieve the Target Speed (Refer to Spreadsheet):</b> <i>Other countermeasures may be considered. {It is understood that the project team will make every effort to implement the proposed countermeasures. However, due to limits in budget or time (R/W, etc.) not all may be implemented in this project.}</i>	
<b>Other Improvements within or outside of the Right-of-Way (R/W):</b>	

**TARGET SPEED RECOMMENDATION REPORT**  
**FY 26 Resurfacing – SR 434**

**Step 5: Determine Target Speed**

CONCLUSIONS AND RECOMMENDATION				
	Posted Speed	Design Speed	Target Speed	Ultimate Target Speed (If Applicable)
<b>Current:</b>	45 mph (0.000-0.200) 50 mph (0.200-2.582) 45 mph (2.582-3.170)	45 mph		
<b>Recommended</b>			<b>45 mph (0.000-3.170)</b>	

**TARGET SPEED MEETINGS:**

<b>Target Speed (TS) Request Received:</b>	
<b>TS Determination Date:</b>	<b>03/06/2023</b>
<b>Initial District TS Concurrence:</b>	
<b>TS Local Agency Concurrence:</b>	
<b>Final TS District Approval:</b>	
<b>TS Report Submitted to PM:</b>	