



# Transportation Advisory Board Regular Meeting

## Agenda

**November 17, 2025 @ 4:00 PM**

City Hall Commission Chambers  
401 S. Park Avenue

### welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at [cityofwinterpark.org/meetings/](http://cityofwinterpark.org/meetings/) and include virtual meeting instructions.

### assistance & appeals

Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office ([407-599-3277](tel:407-599-3277)) at least 48 hours in advance of the meeting.

"If a person decides to appeal any decision made by the Board with respect to any matter considered at this hearing, a record of the proceedings is needed to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F.S. 286.0105).

### please note

Times are projected and subject to change.

**1. Call to Order**

**2. Approval of Minutes**

- a. Approve the minutes for the September 15, 2025 regular meeting 1 minute

**3. Public Comments (for items not on the agenda): Three minutes allowed for each speaker**

**4. Action Items**

**5. Non-Action Items**

- a. ADA Transition Plan update 5 minutes
- b. Technology Integration: Flow Labs Software 10 minutes

**6. Staff Updates**

- a. Police Department Update 5 minutes
- b. Fairbanks Ave. and Denning Dr. Intersection Modification 5 minutes
- c. Golfside Dr. Sidewalk, Curb, & Repaving Project 5 minutes
- d. Webster Ave Roadway Improvement 2 minutes
- e. Lyman Ave. Crosswalk 2 minutes
- f. Northwood Blvd and Northwood Terrace Dr. Parking Zone Update 2 minutes

**7. Board Comments**

**8. Upcoming Agenda Items**

**9. Adjournment**



# Transportation Advisory Board Regular Meeting Minutes

**September 15, 2025 at 4:00 PM**

City Hall Commission Chambers  
401 S. Park Avenue

## **Present**

Peter Gottfried, Kenneth Lineberger, Andrew Irvin, Jeffrey Sievers, Benjamin Robinson and Thomas Lochrane, Ruben Paige, and Benjamin Robinson.

Staff: Director of Public Works Charles Ramdatt, Assistant Director of Public Works Don Marcotte, Transportation Manager Jamel Hibbert, Sargent Combas and Recording Secretary Noemi Schudel.

## **1. Call to Order**

Board Chair Jeffrey Sievers called the meeting to order at 4:00 p.m.

## **2. Approval of Minutes**

- a. Approve the July 21, 2025, regular meeting minutes

Motion made by Kenneth Lineberger to approve July 21, 2025, regular meeting minutes, seconded by Andrew Irvin. Motion carried unanimously 6-0

## **3. Public Comments (for items not on the agenda)**

- a. No public comments

## **4. Action Items**

- a. No action items

## **5. Non-Action Items**

- a. No non-action items

## **6. Staff Updates**

### **a. Police Department Update**

Sergeant Combas presented crash data collected from January 1 – August 26, 2025, and provided an update on speeding reports along Aloma Avenue.

Mr. Lineberger raised questions about possible striping improvements along Capen Avenue. Mr. Ramdatt, the Police Department, and the City's engineering staff will evaluate feasible options and report back to the Board at the November meeting.

The Board also discussed e-bike regulations, crash factors, and speeding concerns. Both Charles Ramdatt and the Chief of Police participated in an open discussion. Mr. Sievers will gather additional information regarding the new e-bike legislation and prepare a possible recommendation for the City Commission.

#### **b. Orlando Gifted Charter School**

Jamel Hibbert provided an overview of traffic issues observed since the relocation of the Orlando Gifted Charter School to Webster Avenue. The City determined that inadequate signal timing contributed to congestion, delays, and potential pedestrian safety risks. In coordination with the Police Department, resource officers manually controlled the signal operations during the evaluation period. Based on the data collected, signal cycle lengths were increased during peak hours, resulting in significant traffic flow improvements.

#### **c. The Hills of Winter Park Repaving**

Mr. Ramdatt explained that the City routinely evaluates street conditions through its pavement management system (PACER rating). When a roadway's condition reaches a defined threshold, the City schedules resurfacing or preventive maintenance. A major resurfacing project was recently completed in The Hills neighborhood.

#### **d. Lake Bell Drive Repaving**

The resurfacing of Lake Bell Drive and Dupont Avenue was completed in August 2025

#### **e. Lake Front Blvd. Repaving**

The Lake Front Boulevard area required curb reconstruction and resurfacing, which have now been completed.

#### **f. Knowles Ave. Parking Lot**

The Knowles Avenue Parking Lot project included sidewalk reconstruction, curb work, crosswalk enhancements, and parking adjustments. This project was successfully completed in August 2025.

### **7. Board Comments**

Residents and business owners along Railroad Avenue expressed appreciation for the recently installed speed tables and "No Parking" signs. However, similar concerns have emerged on Calahan Street. Mr. Paige will document the peak speeding times for City review. The Police Chief will deploy a speed monitoring device to collect data before further action is considered.

The Denning & Fairbanks traffic signal continues to experience short green-time cycles, causing backups. Mr. Ramdatt noted that FDOT has developed a plan that includes this intersection, and the City will review it to ensure the issue is properly addressed.

### **8. Upcoming Agenda Items**

- Review of Capen & Fairbanks intersection
- Discussion on e-bike regulations

### **9. Adjournment**

The meeting adjourned at 5:14 p.m.

Respectfully, Noemi Schudel, Board Secretary

# ADA Transition Plan Update



# ADA Transition Plan Purpose

- Annual ADA Transition Plan Update as required each October.
- Provides status of ADA improvements from the previous fiscal year.
- Opportunity for residents to report ADA-related issues occurring within the public right-of-way.



# Resident Input on ADA Accessibility

- The City is requesting residents' help identifying sidewalk and curb ramp accessibility issues.
- Report areas with missing domes, lifted sections, or major cracks affecting mobility.
- Residence feedback helps guide future ADA improvement projects.



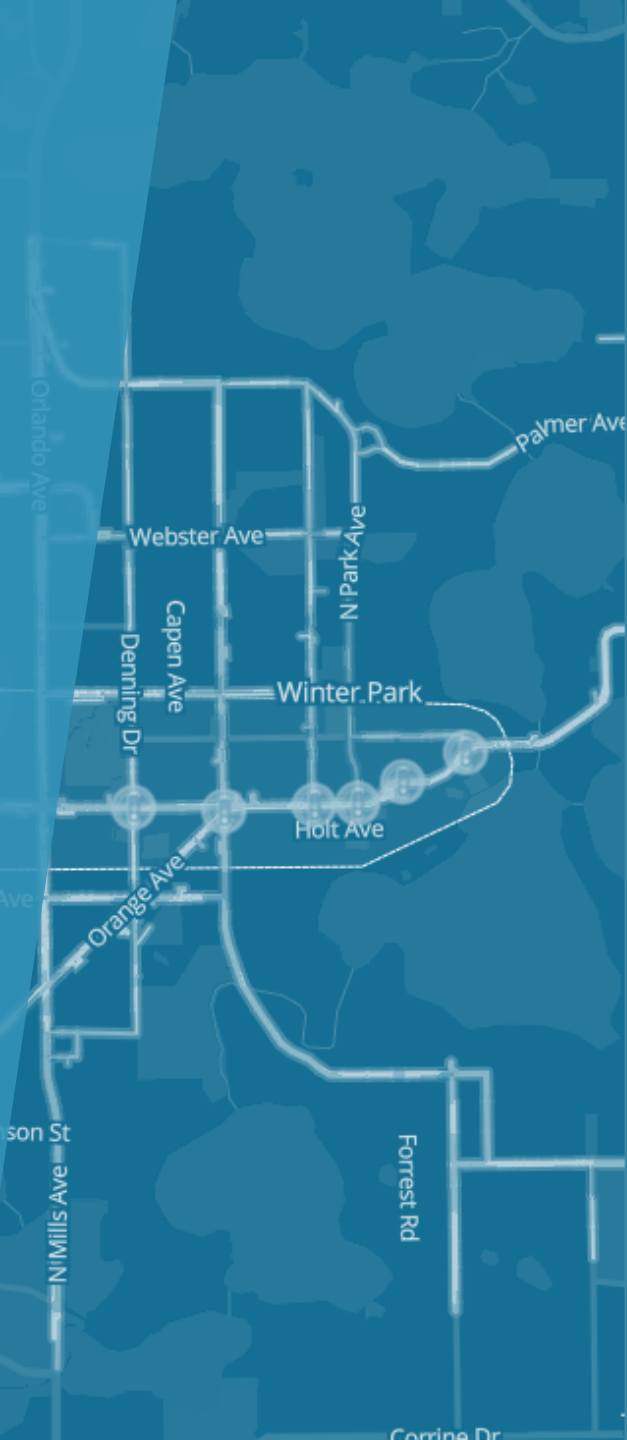
# ADA Improvement Progress

- The City's fiscal year runs from October 1 to September 30.
- Sidewalks and curb ramps repaired/replaced:
  - FY2024: 38,332 square feet ( $\approx$  7,666 linear feet)
  - FY2025: 31,455 square feet ( $\approx$  6,291 linear feet)
- The decrease from FY2024 reflects funding shifts to major curb replacement projects.
- Large-scale curb improvements were initiated, affecting total repair quantities.



# ADA Transition Plan - Looking Ahead

- Anticipated activity like FY2025 levels.
- Major curb replacement planned for Golfside Drive Neighborhood.
- Scope and quantity to be determined following upcoming field assessments.



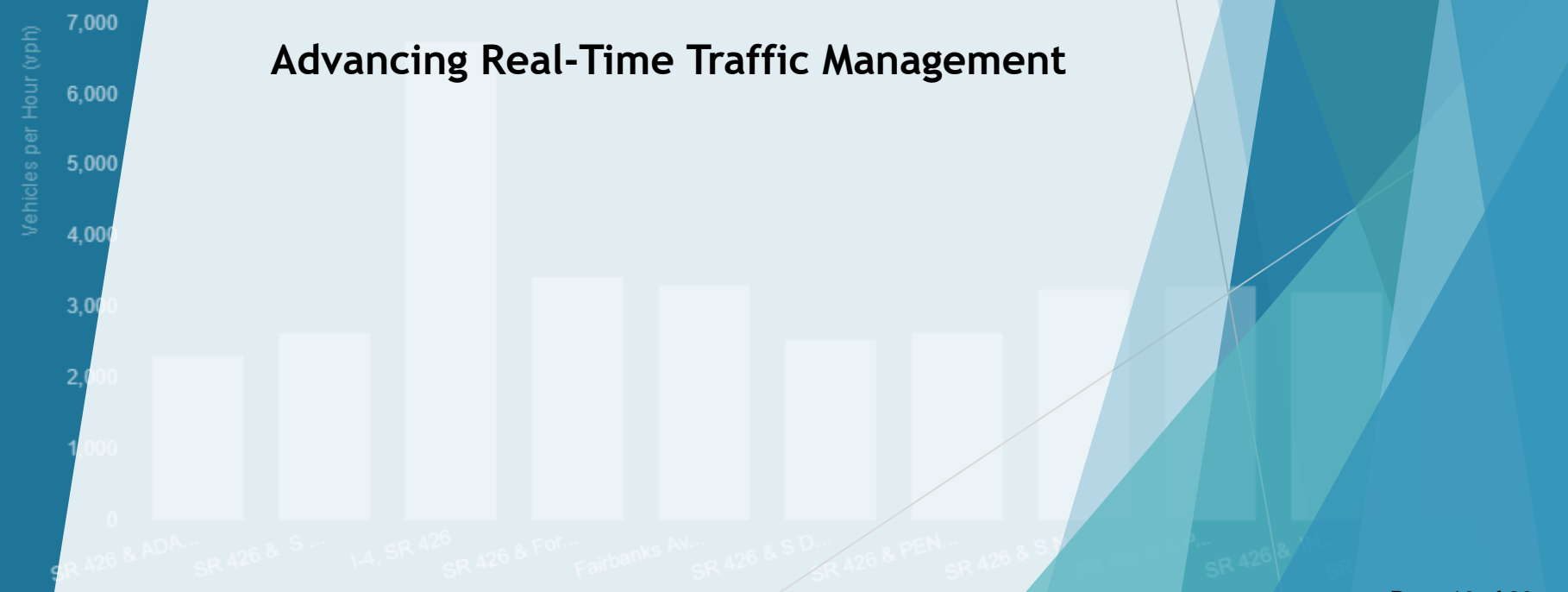
Network Operations • Mobility Environmental

Hourly Volume	36647	VC Ratio	0.49	Programmed Cycle	104.1s	Control Delay Mean	10.2s
Queue Length	424.1 ft	Number of Stops	0.41	Arrivals on Green	70.3 %	Platoon Ratio	0.13
Split Failures	2.6 %						

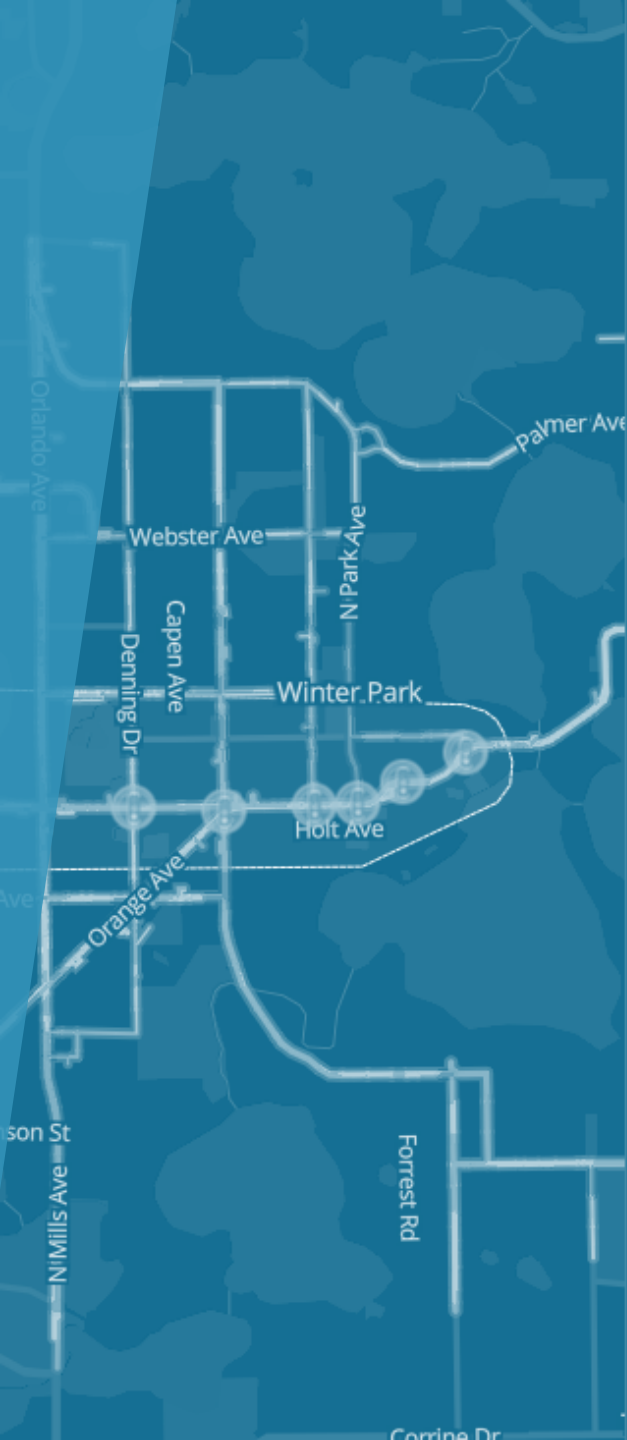
Cross-Section • Hourly Volume

# Technology Integration: Flow Labs Software

Average Hourly Volume by Intersection



Advancing Real-Time Traffic Management



Analytics & Diagnostics
Project Performance

# Citywide Transportation Vision

Hourly Volume 36647

Queue Length 424.1 ft

Split Failures

Cross-Section

VC Ratio 9

Number of Stops 0.41

Hourly Volume X

Programmed Cycle 104.1s

Arrivals on Green 70.3%

Control Delay Mean 10.2s

Platoon Ratio 1.0

Expand

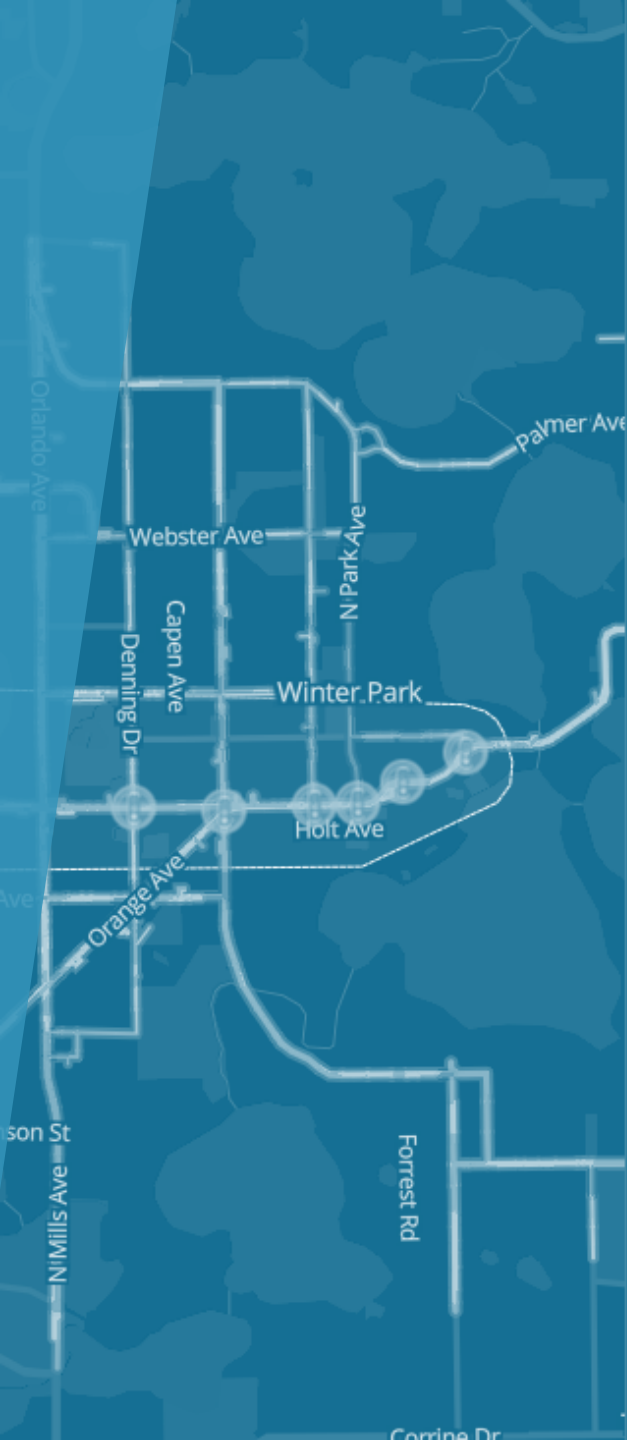
Export

## Smart Mobility and Transportation Master Plan (TMP) alignment

- Enhance safety, accessibility, and mobility across the transportation modes.
- Adopt data-driven, proactive traffic management strategies.
- Support Vision Zero and Transportation Master Plan Goal 1 (optimize signal performance).
- Integrate real-time analytics for corridor-level performance.

Average Hourly Volume by

Location	Average Hourly Volume (vph)
SR 426 & ADA...	~2,300
SR 426 & S...	~2,600
I-4, SR 426	~3,400
SR 426 & For...	~3,400
Fairbanks Av...	~3,300
SR 426 & S D...	~2,500
SR 426 & PEN...	~2,600
SR 426 & S T...	~3,200
SR 426 & ...	~3,100
SR 426 & ...	~3,100



Analytics & Diagnostics
Project Performance

# From Traditional Retiming to Intelligent Optimization

**Network Operations**

Hourly Volume: 368

Queue Length: 424.1 ft

Split Failures

Cross-Section

Control Delay Mean: 10.41s

Number of Stops: 0.41

Arrivals on Green: 70.1%

Aspect	Traditional Method	Flow Labs Method
Process	Manual, periodic updates every 3-5 years based on complaints or limited data.	Continuous, real-time optimization using connected vehicle and probe data.
Data Source	Manual travel-time studies or small sample datasets.	Integrates live data from thousands of vehicles and signal controllers.
Analysis	"Before-and-after" comparisons or simulations with limited scope.	Automated analytics and performance dashboards through ISPM & HEIDI platforms.
Responsiveness	Reactive—issues addressed after congestion or complaints arise.	Proactive—detects inefficiencies instantly and supports dynamic retiming.
Cost & Efficiency	Labor-intensive and costly; often requires field studies.	Lower operational cost, continuous monitoring, and faster decision-making.
Outcome	Incremental, periodic improvements.	Sustained, adaptive optimization for safety, mobility, and travel-time reliability.

**Average Hourly Volume**

Vehicles per Hour (vph)



Analytics & Diagnostics
Project Performance

# Apply Flow Labs for Local Operations

**Hourly Volume** 36647

**Queue Length** 424.1 ft

**Split Failures**

**Cross-Section**

**VC Ratio**

**Number of Stops** 0.41

**Arrivals on Green** 70.3 %

**Control Delay Mean**

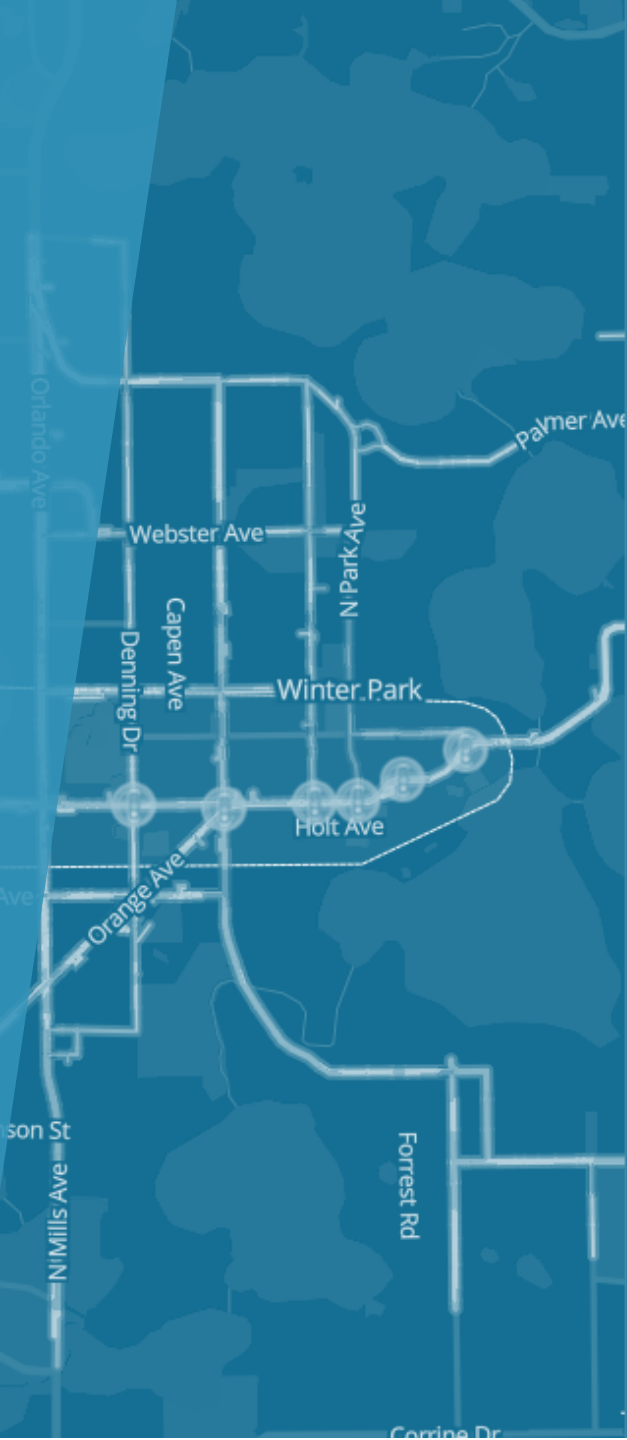
**Platoon Ratio**

## Benefits to Winter Park

- Provides 24/7 visibility into signal and corridor performance.
- Enables remote retiming and incident response coordination.
- Reduces congestion, emissions, and improves travel reliability.
- Integrates with City fiber network and Advance Traffic Management System(ATMS) migration projects.

**Average Hourly Volume by Int**

Intersection	Average Hourly Volume (vph)
SR 426 & ADA...	~2,300
SR 426 & S ...	~2,600
I-4, SR 426	~3,300
SR 426 & For...	~3,300
Fairbanks Av...	~3,300
SR 426 & S D...	~2,500
SR 426 & PEN...	~2,600
SR 426 & S ...	~3,300
SR 426 & S ...	~3,300
SR 426 & S ...	~3,300



Analytics & Diagnostics
Project Performance

# Advancing Data-Driven Mobility in Winter Park

**Network Operations**

Hourly Volume: 36647

Queue Length: 424.1ft

Split Failures

Cross-Section

VC Ratio	0.49	Programmed Cycle	104.1s	Control Delay Mean	10.1s
Number of Stops	0.41	Arrivals on Green	70.3%	Platoon Ratio	1.0

## Implementation & Next Steps

- Pilot corridors: SR 426 (Aloma Avenue), Fairbanks Avenue, and US 17-92.
- Deploy real-time performance dashboards Train staff and conduct performance reviews
- Evaluate results and report progress to the Transportation Advisory Board and City Commission.

**Average Hourly Volume by Int**

Intersection	Average Hourly Volume (vph)
SR 426 & ADA...	~2,300
SR 426 & S ...	~2,600
I-4, SR 426	~7,000
SR 426 & For...	~3,400
Fairbanks Av...	~3,300
SR 426 & S D...	~2,500
SR 426 & PEN...	~2,600
SR 426 & S ...	~3,200
SR 426 & S ...	~3,200



# Transportation Advisory Board

# agenda item 6.a

**item type**

Staff Updates

**meeting date**

November 17, 2025

**prepared by**

Jamel Hibbert, Transportation Manager

**approved by**

Rene Cranis, City Clerk

**subject**

Police Department Update

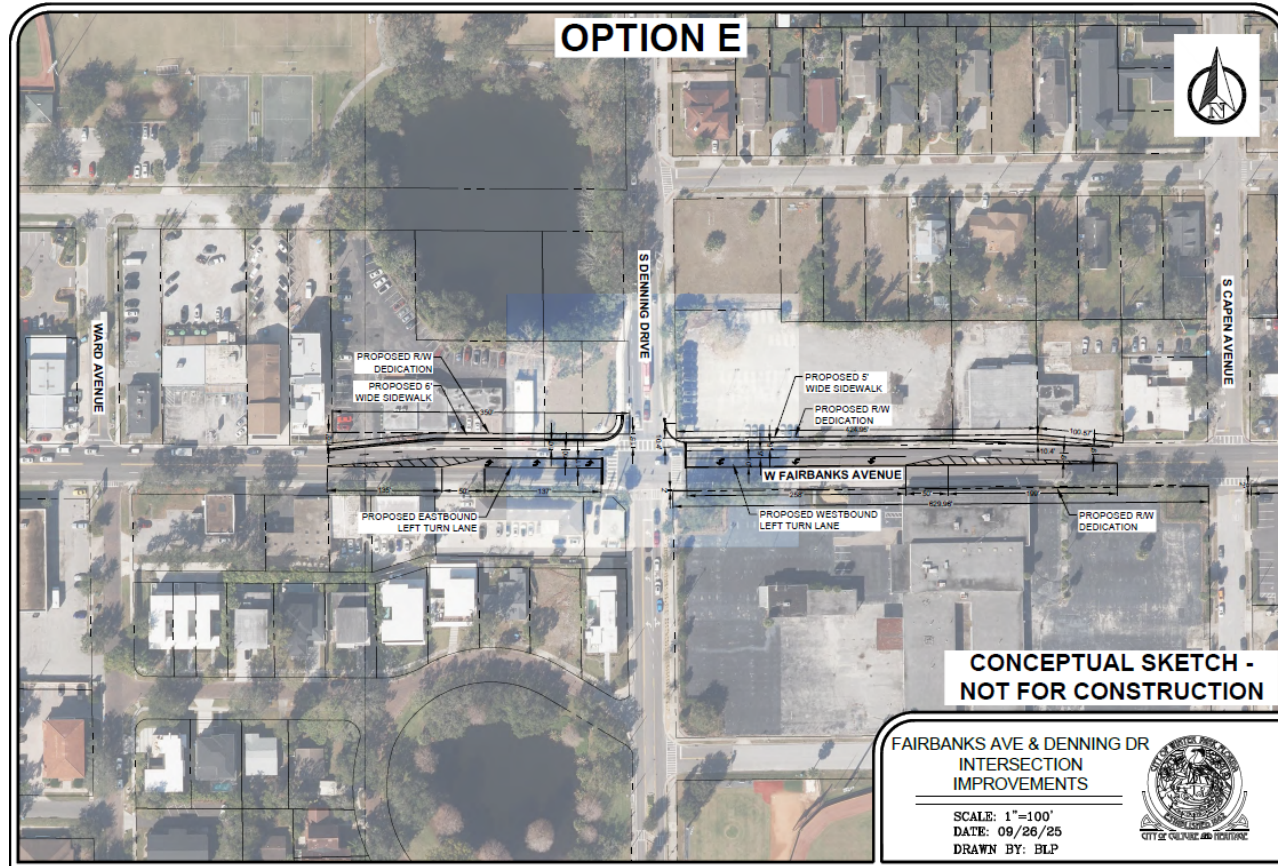
**motion | recommendation****background****alternatives | other considerations****fiscal impact****attachments**

None

# Fairbanks and Denning Drive Intersection Modification



# Conceptual Plan



# Golfside Dr. Sidewalk, Curb, and Repaving Project



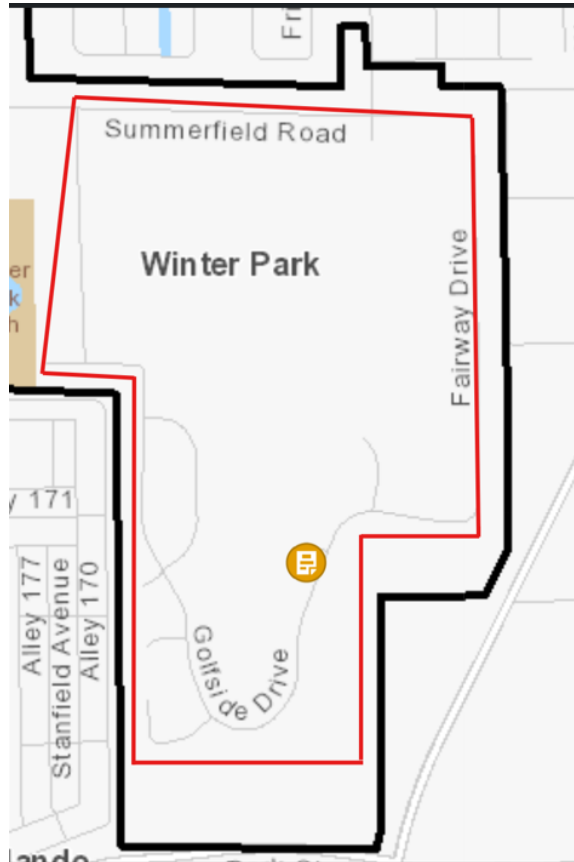
# Recent Construction



## New Sidewalk Construction:

- Locations: 922 Golfside Drive and 2744 Summerfield Road
- Completion Date: December 16-18, 2024

# Upcoming Project



## Construction Schedule:

- Work is scheduled to begin following the pre-construction meeting in January 2026. Advance notices will be distributed to nearby residents prior to the start of the construction.

## Project Scope:

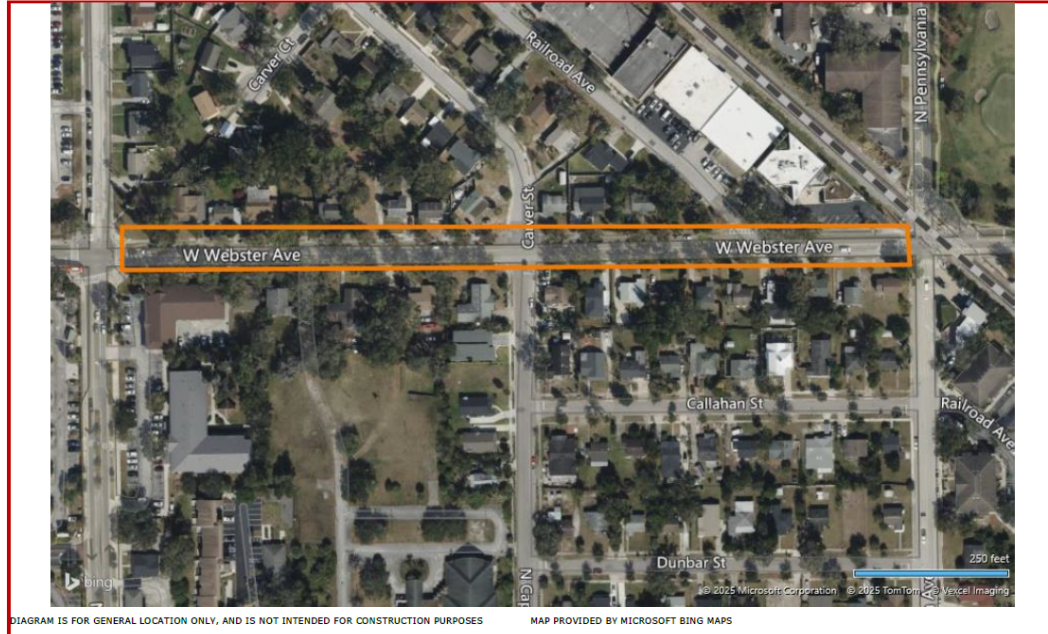
- The project includes curb replacement, driveway and sidewalk repairs where warranted, root removal, regrading, and street resurfacing. These improvements will address surface deterioration and ensure smooth, safe roadway edges.

# Webster Avenue Roadway Improvement



# Project Limits

Exhibit E – Project Limits



## Roadway Segment:

- Denning Drive to Pennsylvania Avenue.

## Description:

- Two-lane asphalt roadway, last resurfaced approximately 20-25 years ago, with a mix of residential and limited commercial frontage.

## Objective:

- Assess pavement condition and underlying utilities to develop a comprehensive roadway improvement plan.

# Lyman Ave Crosswalk





# Implementation

## Concerns:

- High pedestrian and vehicle activity due to Rollins College sessions, Alford Inn parking limits, and nearby construction.

## Traffic Issues Identified:

- No clear pedestrian crossing between the garage and Knowles Avenue sidewalk.
- Safety concerns for pedestrians crossing mid-block.

## City Response:

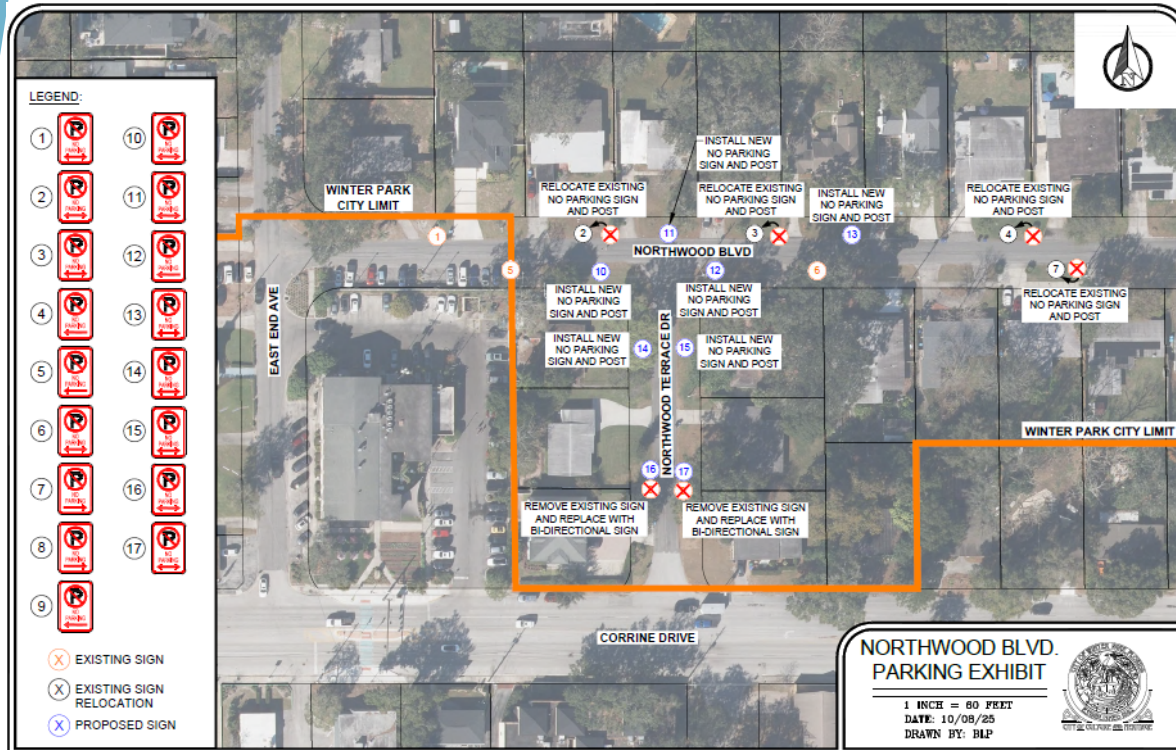
- Crosswalk with curb ramps and pedestrian paddle has been implemented, addressing the request and improving pedestrian safety.



# Northwood Blvd and Northwood Terrace Dr Parking Zone Update



# Sign Placement



## Parking Zone Update:

- Residents collaborated with the City to address ongoing parking violations in designated “No Parking” zones. Some existing signs were unclear, leading to confusion among drivers.
- To improve visibility and compliance, the City relocated certain signs and installed additional signage where need.
- Residents expressed appreciation for the improvements and will continue coordinating with City staff to ensure the effectiveness of the changes.