

Transportation Planning Division

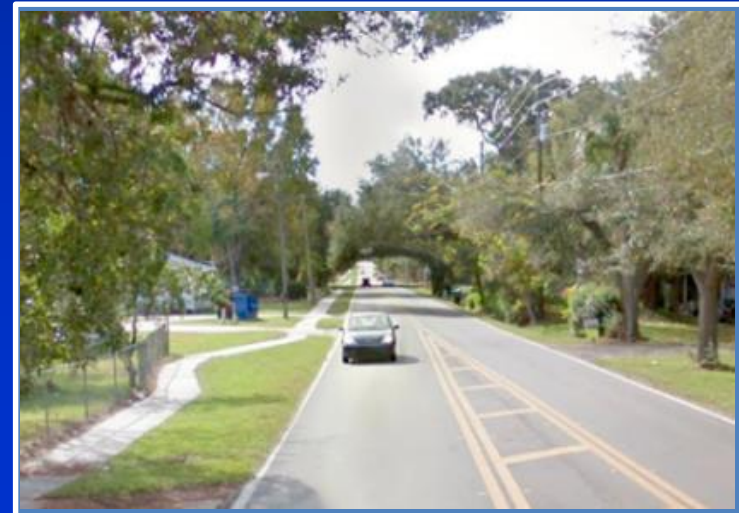
Public Hearing
for the
Avalon Road RCA Study
to the
**Board of County
Commissioners**

June 4, 2019



Presentation Outline

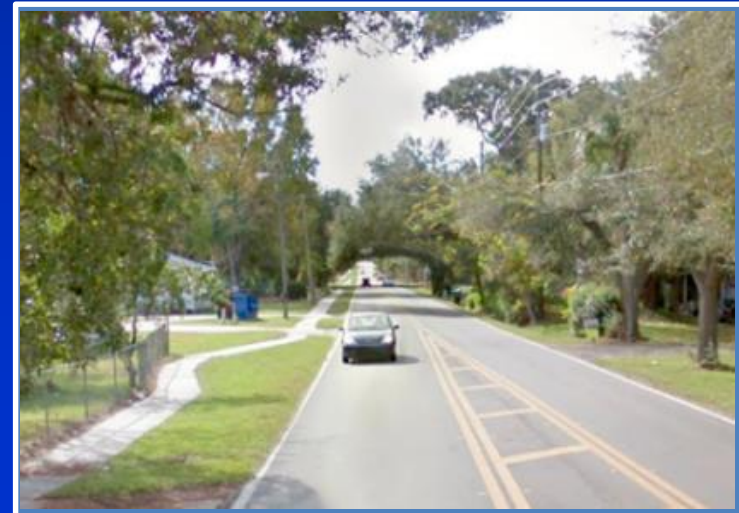
- Study Overview
- Existing Conditions
- Public Involvement
- Alternatives & Recommendation





Presentation Outline

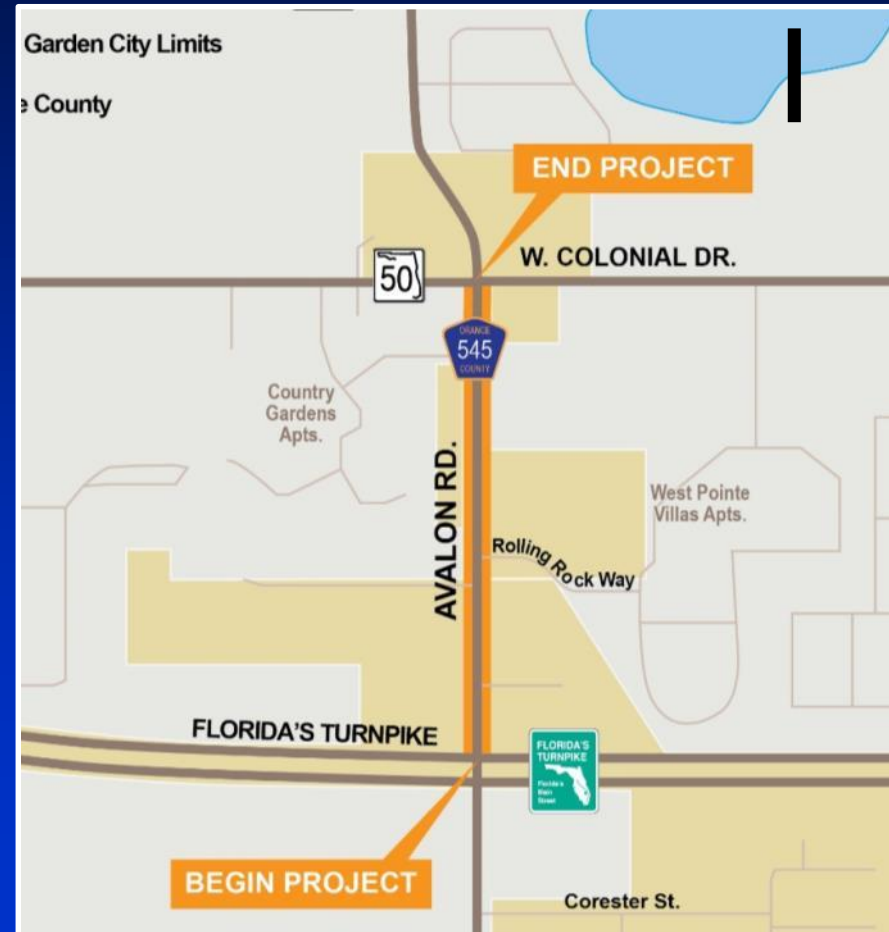
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Study Overview

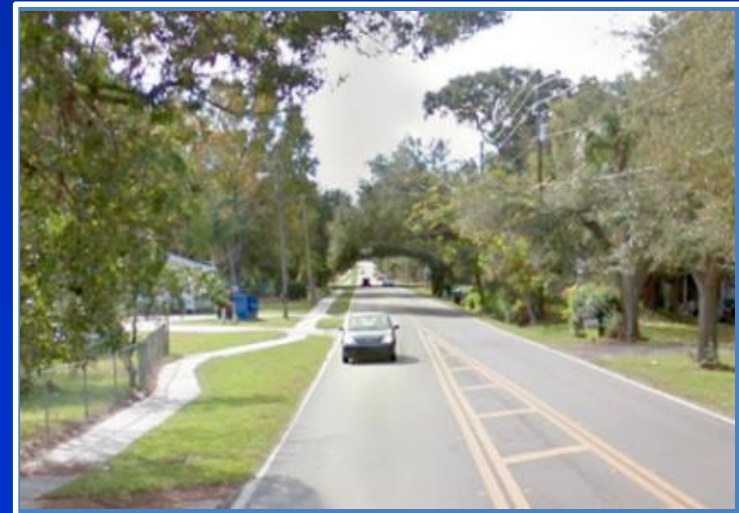
- **Avalon Road from Florida's Turnpike to SR 50 (W. Colonial Drive)**
 - Proposed widening to 4-Lanes
 - SR 50 intersection improvements
 - Access management improvements
 - Bicycle & pedestrian enhancements





Presentation Outline

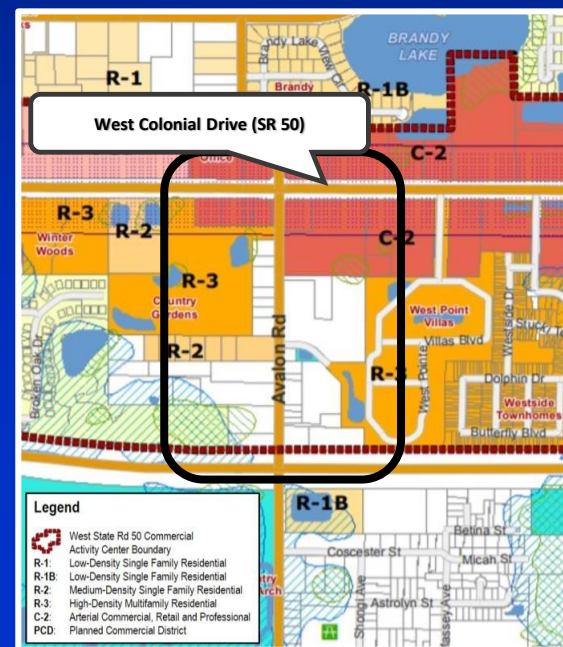
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Existing Conditions

- **Roadway Features**
 - Two-lane roadway
 - Sidewalk on east side
 - No bicycle facilities
 - Swale drainage
 - No lighting
- **Existing Zoning**
 - Land uses (R-1B, R-2, R-3, C-2)





Existing Conditions

- **Historic Resources**
 - 19 Sites listed on the Department of Historical Resources - Florida Master Site File
 - Six site structures demolished
 - Two structures within proposed alignment
 - Historic marker consideration



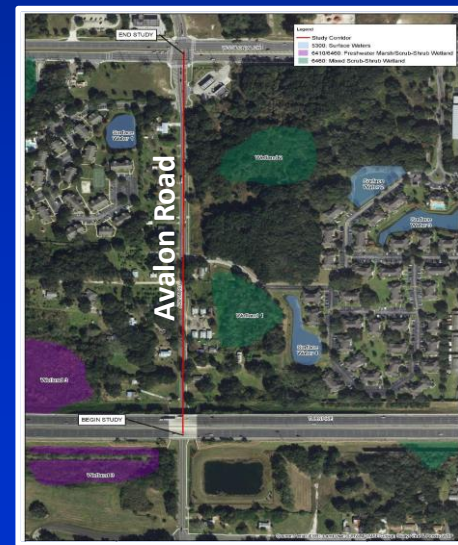


Existing Conditions

- **Drainage**
 - St. John's River Water Management District
- **Wildlife**
 - No federal or state listed species or wildlife corridors
- **Wetlands**
 - Three Wetland Systems in vicinity of Avalon Road



Wildlife Zones

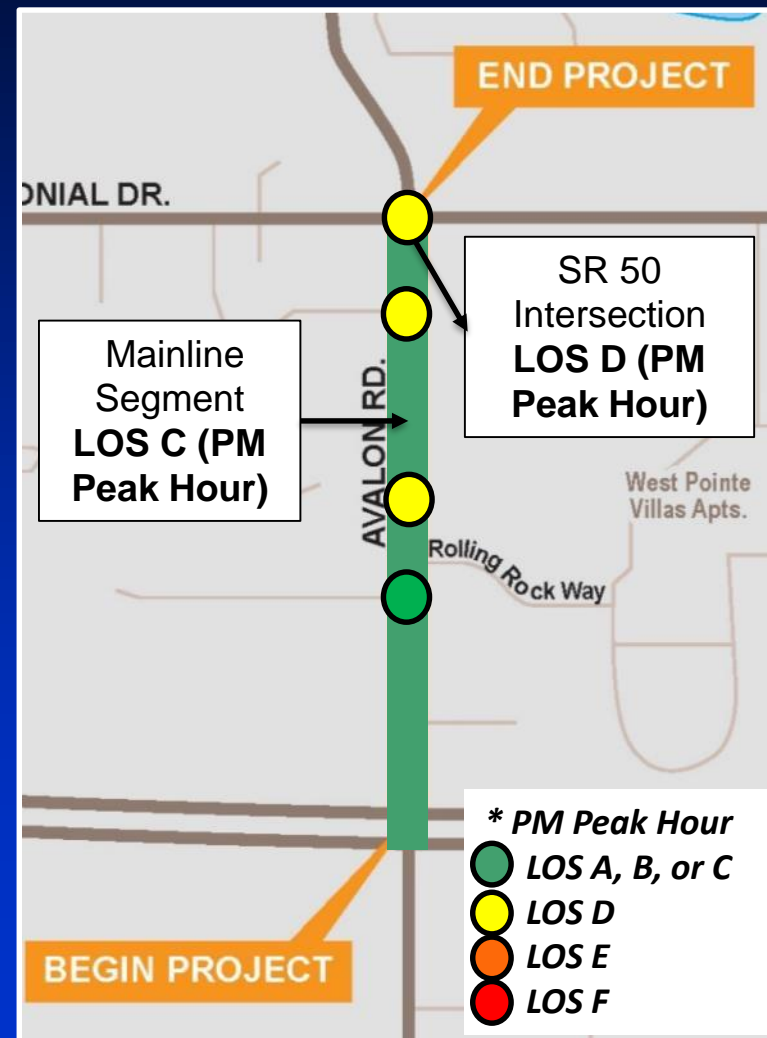


Wetland Zone Types



Existing Conditions

- **Traffic Conditions**
 - Segment Level of Service (LOS) C*
- **Crash Experience**
 - 66 Total Crashes in Study Area From 2014-2017, no Fatalities

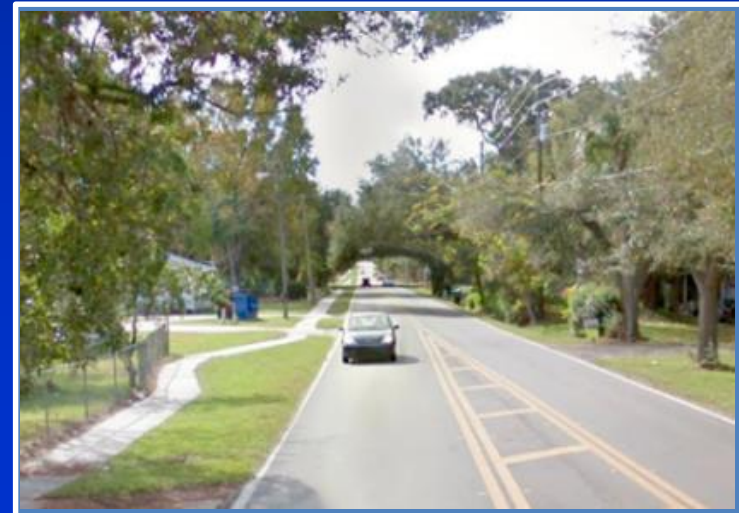


Note: For unsignalized intersections south of SR 50, LOS shown is for minor street movement



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Project Schedule

SCHEDULE

Project Schedule Avalon Road

Roadway Conceptual Analysis (RCA) Study

2017

2018

2019

O N D

J F M A M J J A S O N D

J F M A M J J J



Data Collection

Study Begins

Corridor Analysis



Public Meeting No. 1

Improvement Alternatives Identified & Studied



Public Meeting No. 2

Preferred Improvement Identified & Studied



Newsletter



Orange County LPA Workshop



Orange County BCC Workshop



Community Meeting



Orange County LPA Hearing



Orange County BCC Hearing

Workshops



Hearings

Study Approval

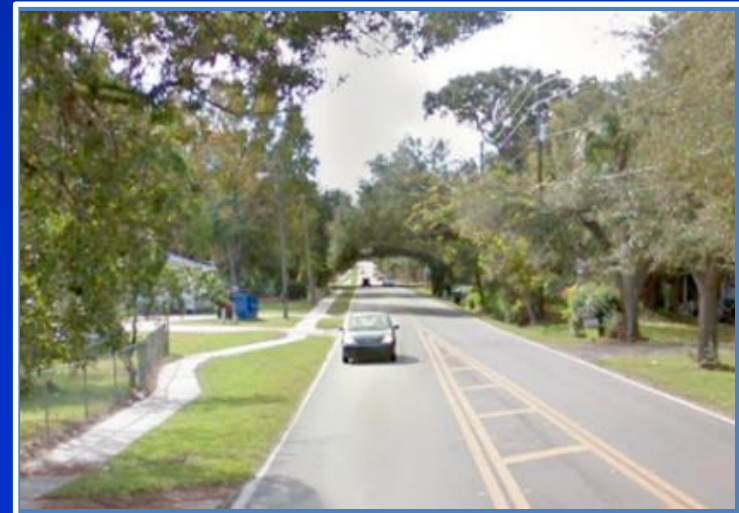


Today



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Alternatives & Recommendation

■ Future Traffic Conditions

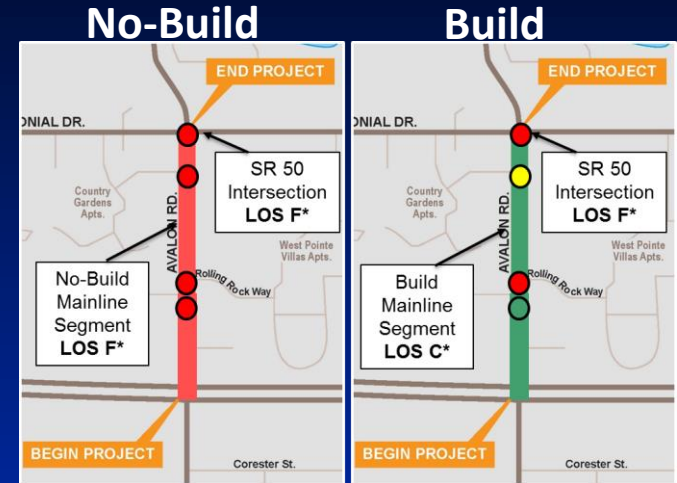
- 2045 No-Build LOS F
- 2045 Build LOS C

■ Typical Section

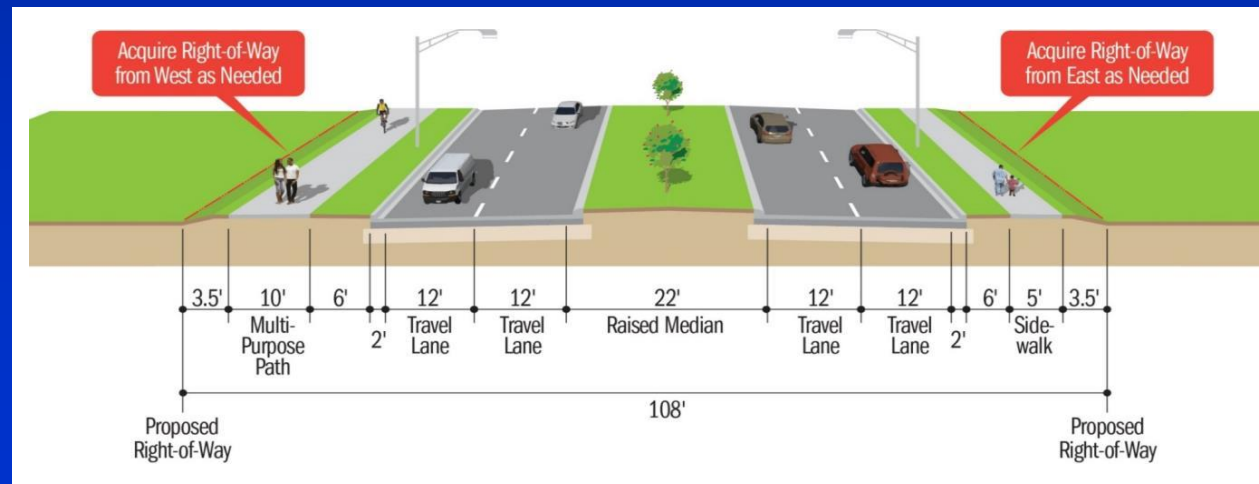
- 4-Lane divided section
- Ped/bike

■ Alignments

- 4 studied



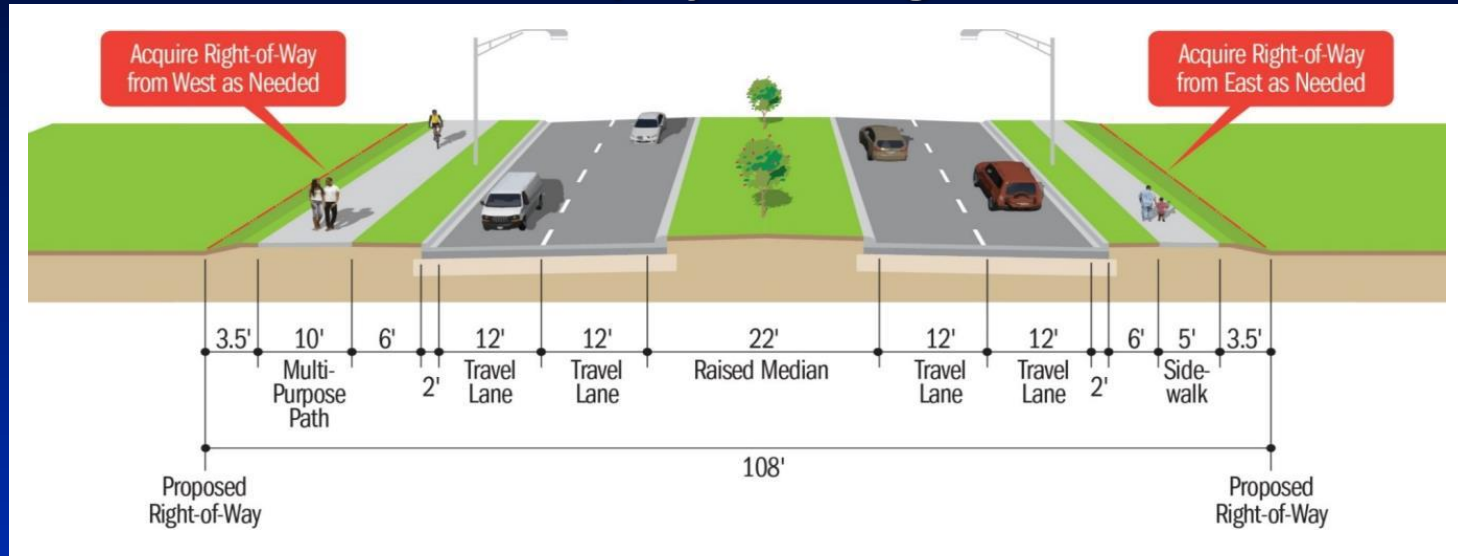
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Alternatives & Recommendation

Centered/Hybrid Alignment



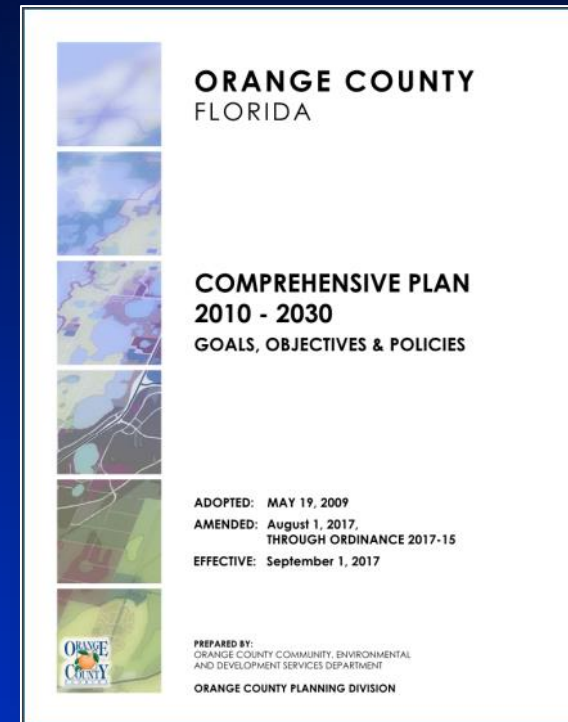
Preliminary Cost Estimate

Category	Estimated Cost
Design	\$495,000
Right-of-Way Acquisition	\$321,000
Roadway Construction & CEI	\$3,797,000
Total Cost	\$4,613,000



Alternatives & Recommendation

- **Consistency with the Comprehensive Plan**
 - Implement Long Range Transportation Plan (Obj. T1.1)
 - Implement financially-feasible multimodal transportation system (Obj. T1.3)
 - Ensure LOS standards are met on County roads within unincorporated Orange County (Obj. T1.3)
 - Support strategies which promote convenient & efficient mobility system for all modes (Obj. T3.1)
 - Build street, pedestrian and bicycle networks that provide interconnectivity and access to multimodal transportation facilities (Obj. T3.2)





Action Requested

- Find the Avalon Road Roadway Conceptual Analysis Study consistent with the Comprehensive Plan
- Approval of the study and advance the project to roadway design, right-of-way acquisition, and construction phases when funding becomes available.