



Orange County Public Works Department

Avalon Road (CR 545)

US 192 to Hartzog Road

Project Development and Environment (PD&E) Reevaluation

Upcoming BCC Agenda Items: May 5, 2026

BCC Agenda Item Details:

Public Hearing Item: 26-0487 (Commission District 1)

Background:

The RCA (Roadway Conceptual Analysis) study was approved by the Board on March 16, 2023. The Avalon Road design was executed on April 1, 2025.

Avalon Road (C.R. 545) is planned to be widened from two lanes to four lanes between U.S. 192 and Hartzog Road, a distance of approximately 1.6 miles. The project includes a sidewalk on the east side of the roadway and a shared use path on the west side. Additional improvements will include upgraded drainage systems, new traffic signalization, enhanced roadway lighting, intersection upgrades, and landscaping.

The selected/preferred typical section consists of 12' four-lane divided arterial roadway, 40 & 45 mph speed limit, curb and gutter, 22' median, 10' multi-use path, 6' sidewalk, roadway lighting, 4 stormwater management ponds.

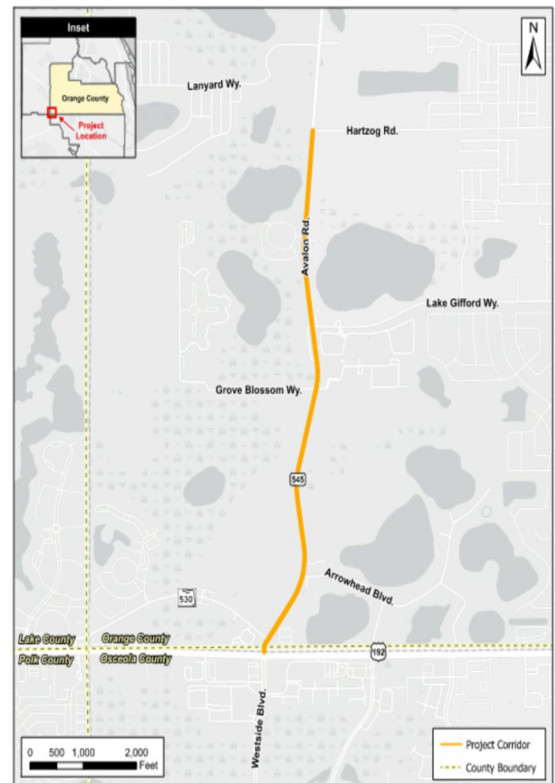
Existing Conditions

Avalon Road between U.S. 192 and Hartzog Road is a 12' two-lane rural undivided road with unpaved shoulders, it contains no continuous sidewalks, no stormwater ponds and several horizontal curves in southern portion.

Update to Study

- The RCA (Roadway Conceptual Analysis) evaluation was based on the State's stormwater rule. The new rule went into effect on June 28, 2024 and includes grandfathering provisions.
- This project is currently under design using the previously approved standards. Design phase is at 30% plans
- Detailed survey and data collection were obtained during design.
- Permit preapplication meeting with SFWMD (South Florida Water Management District) was in September 2025. and provided instructions to submit a permit application with updated RCA.
- PD&E update provides additional elements to meet grandfather provision.

PROJECT MAP



Project Contact

For more information:

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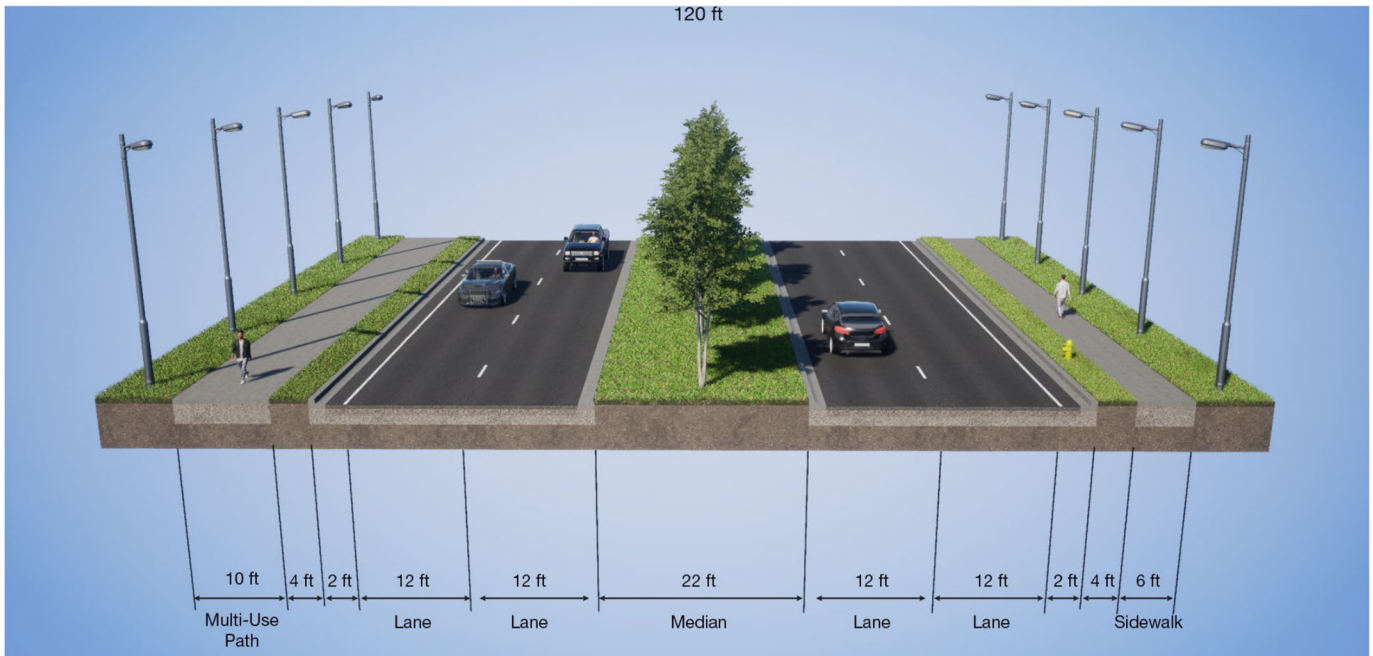
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Proposed Condition:



Action Requested

Approval of update to the Avalon Road RCA Study to the Avalon Road PD&E Study and allow for the continuation for design, right-of-way acquisition, and construction.

Project Contact

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