

# ORLO VISTA FLOOD MITIGATION PROJECT UPDATE

## December 5, 2025

### ❖ CONSTRUCTION PROGRESS

Orlo Vista Flood Mitigation Construction project is a large project that incorporates three ponds: West, North, and South ponds (see Figure 1). The project also encompasses four main items: excavation, geoweb installation (erosion control), pump station, and pipe installation. The table below shows the progress of the project for each of these items.

To date we have completed approximately 100% of the total project.

*Table 1 - Project Summary Table*

Item	Total	To Date	% Completed
<b>Excavation</b>	439,030 cy	525,978 cy	119%
<b>Geoweb Installation</b>	785,999 sf	785,999	100%
<b>48" RCP Installation</b>	713 lf	713 lf	100%
<b>48" HDPE Force Main Pipe</b>	1074 lf	1074 lf	100%
<b>48" Steel Pipe</b>	71 lf	71 lf	100%
<b>Pump Station</b>	1		100%

### FACTS:

#### CURRENT STATUS

- All major construction activities are complete.
- Pump station, generator, and electrical systems are installed and operational.
- Pumps have been running successfully for several months.
- Minor VFD-related repairs are required before final commissioning can be completed.
- Final testing will resume following repairs, with contract completion expected in January 2026.

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*Figure 1 - Orlo Vista Ponds*

Below is a detailed description of the construction progress to date.

## ❖ **Ongoing Work:**

- Repair of VFD components (scheduled for next week).
- Final operational testing and certification.
- Completion of remaining documentation and closeout items.
- Final inspections and acceptance by Orange County and EDA.
- Targeted Contract Completion: **January 2026**.

The Orlo Vista Flood Mitigation Project is now substantially complete. All major construction activities across the West, North, and South ponds have been finished, and the pump station and associated electrical systems have been constructed and placed into operation. The pumps have been fully functional for the past few months and remain operational.

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Final performance testing of the pump station began in November. During these tests, minor issues were identified with the variable frequency drives (VFDs). The contractor has scheduled the necessary VFD repair work for next week. Once repairs are completed, final system testing and certification will resume. Contract completion is anticipated in **January 2026**.