

ORLO VISTA FLOOD MITIGATION PROJECT UPDATE – MARCH 1, 2024

❖ CONSTRUCTION PROGRESS

The Notice To Proceed for the Orlo Vista Flood Mitigation Construction project was issued on March 13, 2023. To date we have completed approximately 60% of the total project.

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.

Table 1 - Project Summary Table

Item	Total	To Date	% Completed
Excavation	439,030 cy	312,076 cy	71%
Geoweb Installation	785,999 sf	455,831 sf	58%
48" RCP Installation	713 lf	296 lf	42%
48" HDPE Force Main Pipe	1074 lf		0%
48" Steel Pipe	71 lf		0%
Pump Station	1		15%

While great progress has been made, there has been a delay procuring the Pump Station components which include the Electrical Building, Permanent Generator, Permanent Pumps, Electrical Components, and Instrumentation Components. The delay is due to nationwide supply chain issues which has affected most large-scale construction projects. The Pump Station components mentioned also require an extensive review process of submittals associated with these complex items.

- The work related to the excavation of the ponds will be substantially complete by the beginning of the 2024 hurricane season and the geoweb will be completely installed by summer of 2024.
- Utilizing the additional storage provided by the recently excavated ponds as well as temporary pumps, the surrounding neighborhood will be protected against a 100-year / 24-hour design storm event for the 2024 hurricane season.
- The electrical building is expected to be delivered and installed in early 2025. The excavation of the North and South Ponds is fully completed.
- To date, a total of 312,076 cubic yards of material have been excavated. This is equivalent of 95 Olympic sized swimming pools.
- The overall project is expected to be completed by Spring 2025. To date, the project is on budget.