

Lake Bonnet Drainage Basin Flood Hazard Mitigation Project

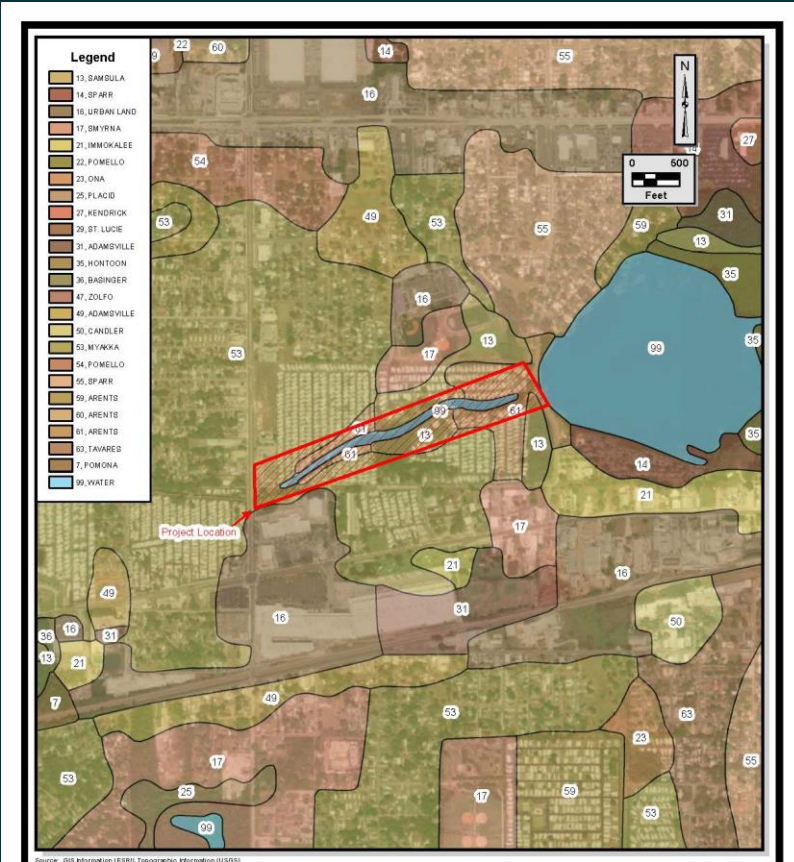
Bi-weekly Meeting with FL DOC, City
of Lakeland, and AECOM Team
Status Update (04/25/24)

- **Progress – Phase 1- Feasibility Study**
 - **Field Work** : Details on following slides
 - **Reporting**: Feasibility Study Report is being worked on.
 - **HUD**: We are continuing to work with City on Affordable Housing compliance; specifically to identify the activity or method they would like to take on in order to maintain the quarterly activity requirement.
 - **Other Items**: NA

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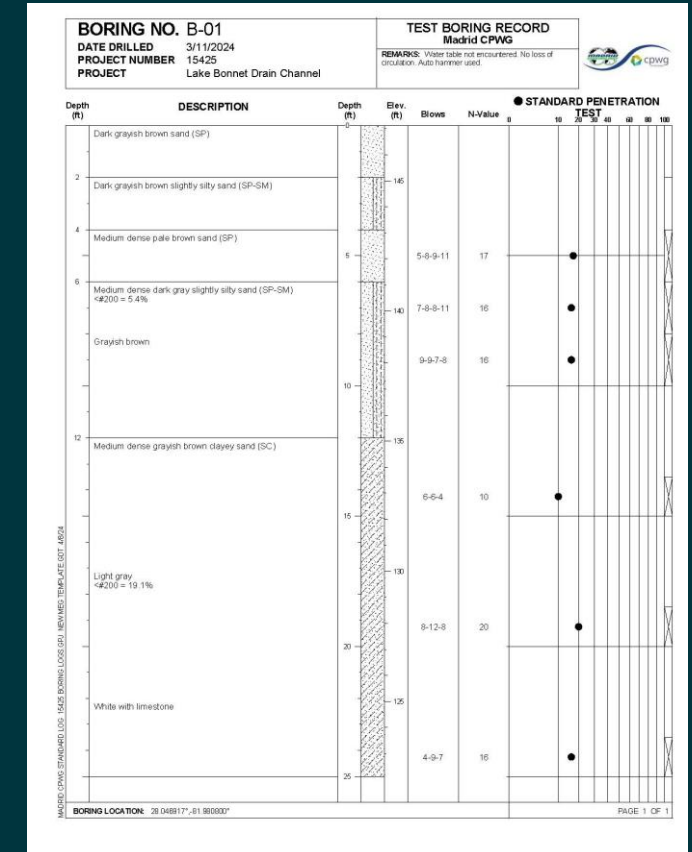
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USDA Soils Map in Project Area

- The Electrical Resistivity survey started with site reconnaissance.
- Geotechnical work was completed. Soils were identified in the project area. Slope Stability analysis was completed.
- Currently collecting data for model development and expected to complete by end of May



Typical Soil Boring

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Wetland Delineation around water body

- The wetland delineation work started.



Researching plant species to understand wetland indicator status



Tree within wetland that displays evidence of water ponding/flow



National Wetlands Inventory screenshot of water bodies within golf course area