

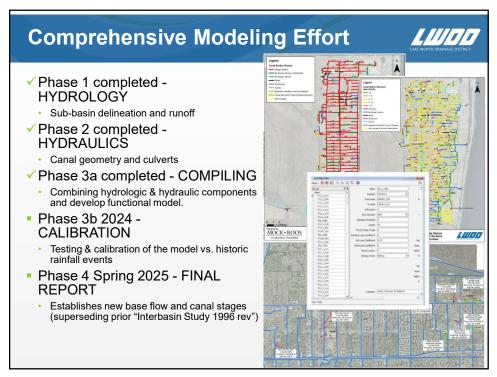


Control Structure 9 Refurbishment

LAKE WORTH DRAINAGE DISTRICT

- Construction completed in 2023:
 - Demolished existing pump houses
 - Installed pumps and control systems (including SCADA)
 - Installed variable frequency drives for pumps and needle racks which significantly improve operation and performance
- Radial Gates to be replaced in January 2024

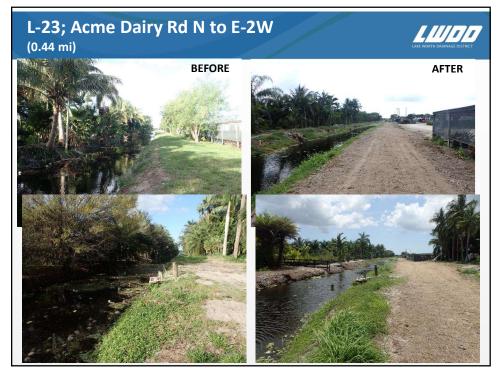
















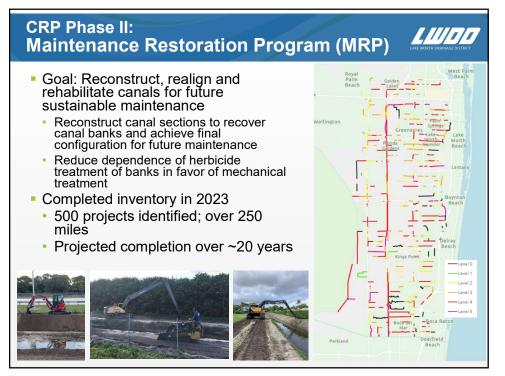


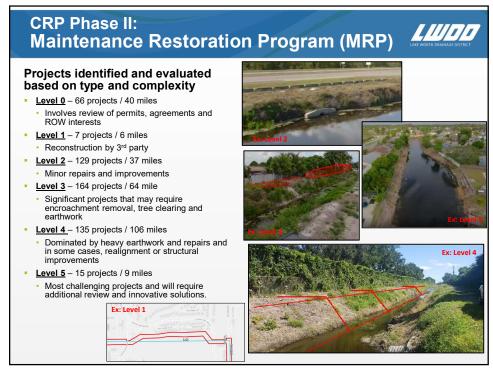




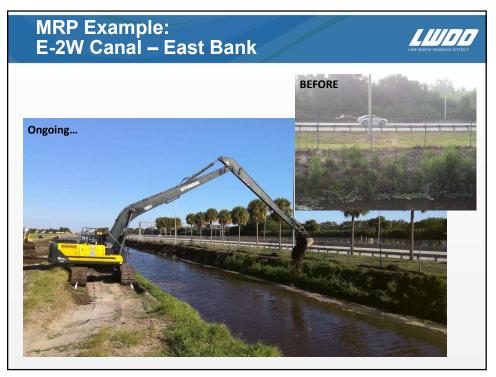


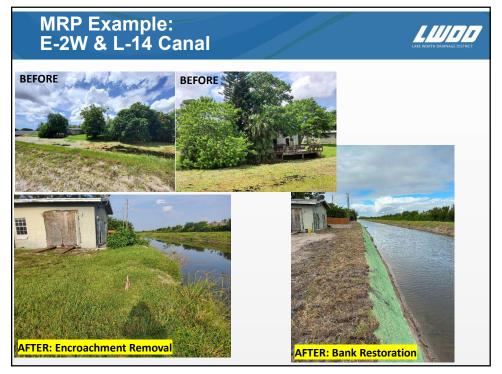








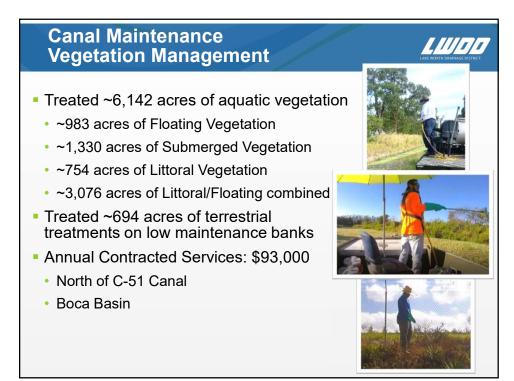












Canal Maintenance Vegetation Management

- Currently maintaining 183 boom sites throughout District canals
- Replaced 18 booms due to wear and/or boat traffic
- Continued mechanical removal of aquatic vegetation to supplement chemical treatment
- Removed debris from channel to maintain continuous flow





Structure Maintenance



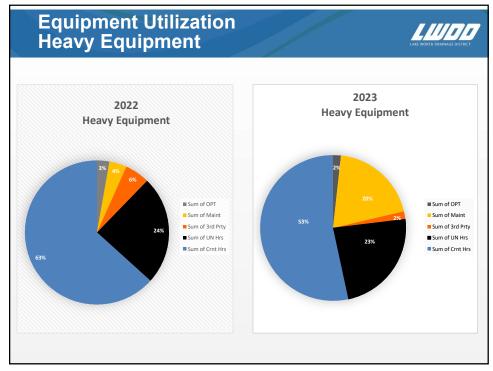
- Regularly service and maintain 14 major water control structures
- Continual monitoring of system components to ensure efficient operation of structures and flood control gates
 - Completed 140 routine Preventative Maintenance tasks
 - Performed unscheduled maintenance as needed

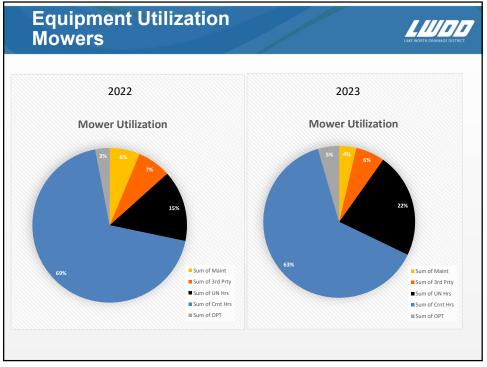


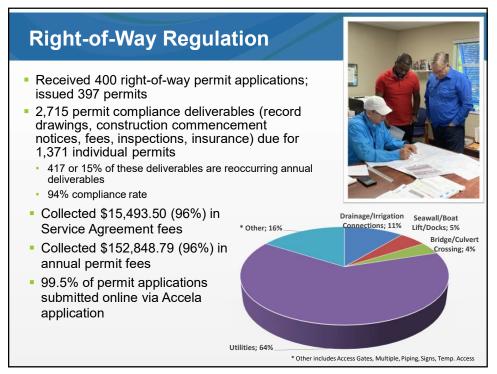




Fleet Maintenance District staff maintains a fleet of: 61 light/heavy vehicles 37 machines / heavy equipment 11 tractor mowers 8 boats Routine services completed 104 light vehicles 122 machines / heavy equipment 51 tractor mowers







Right-of-Way Regulation

- Completed mapping of remaining 16 miles of LWDD canal right-of-way ownership
 - 492.6 miles or 100% completed in FY23
- Researched and responded to 1882 Chancery Case 407 review requests
- Completed 652 plat and development reviews for county and municipality projects
- Completed 7 topographic surveys with cross sections to support canal rehabilitation projects
- Compliance Cases:
 - Opened 231 new cases
 - Resolved/closed 223 cases



