



Acme Basin B Drainage Project

WRAC

June 2007

Water Preserve Area Projects

Palm Beach County

Acme Basin B

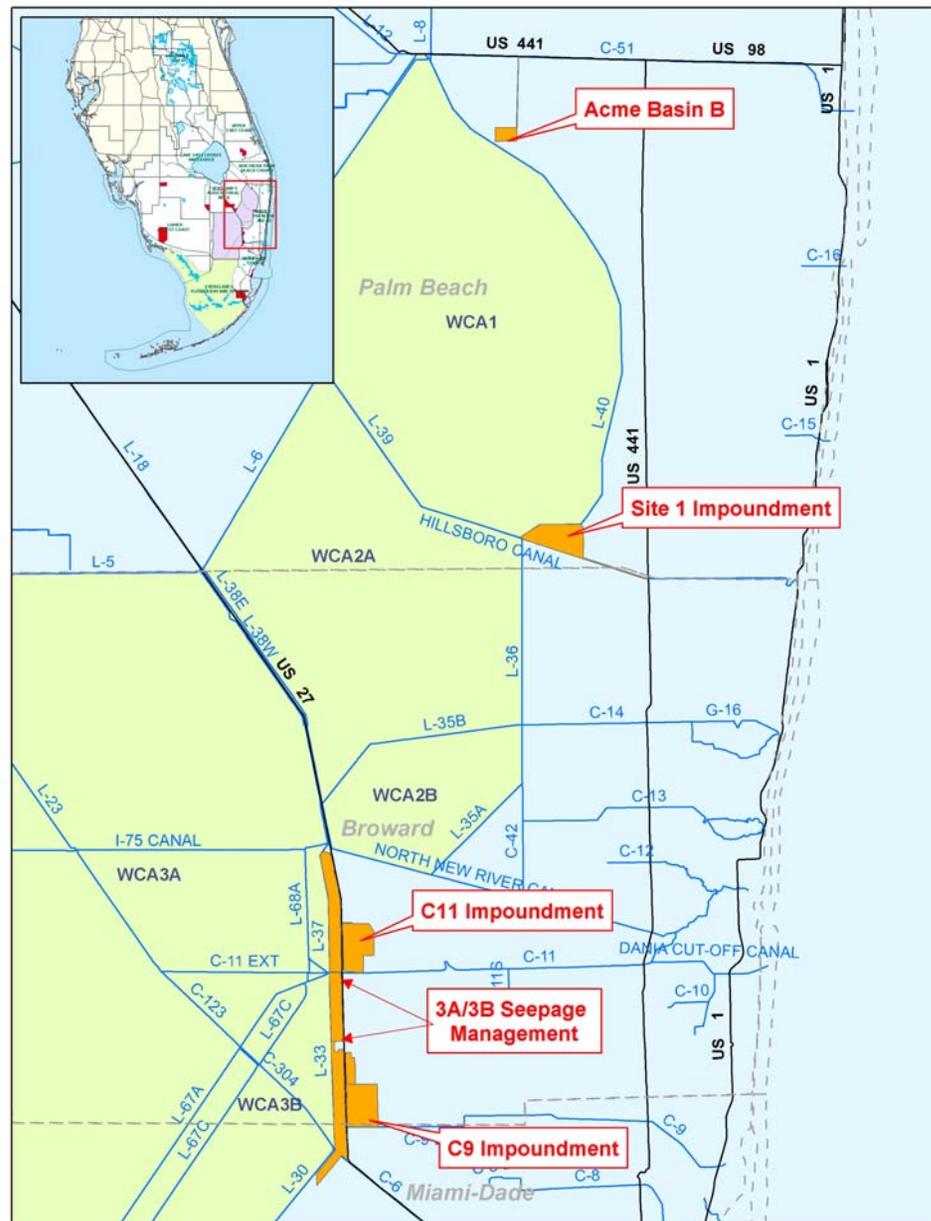
Fran Reich Preserve
(formerly Site 1 Impoundment)

Broward County

3A/3B Seepage Management Area

C-11 Impoundment

C-9 Impoundment



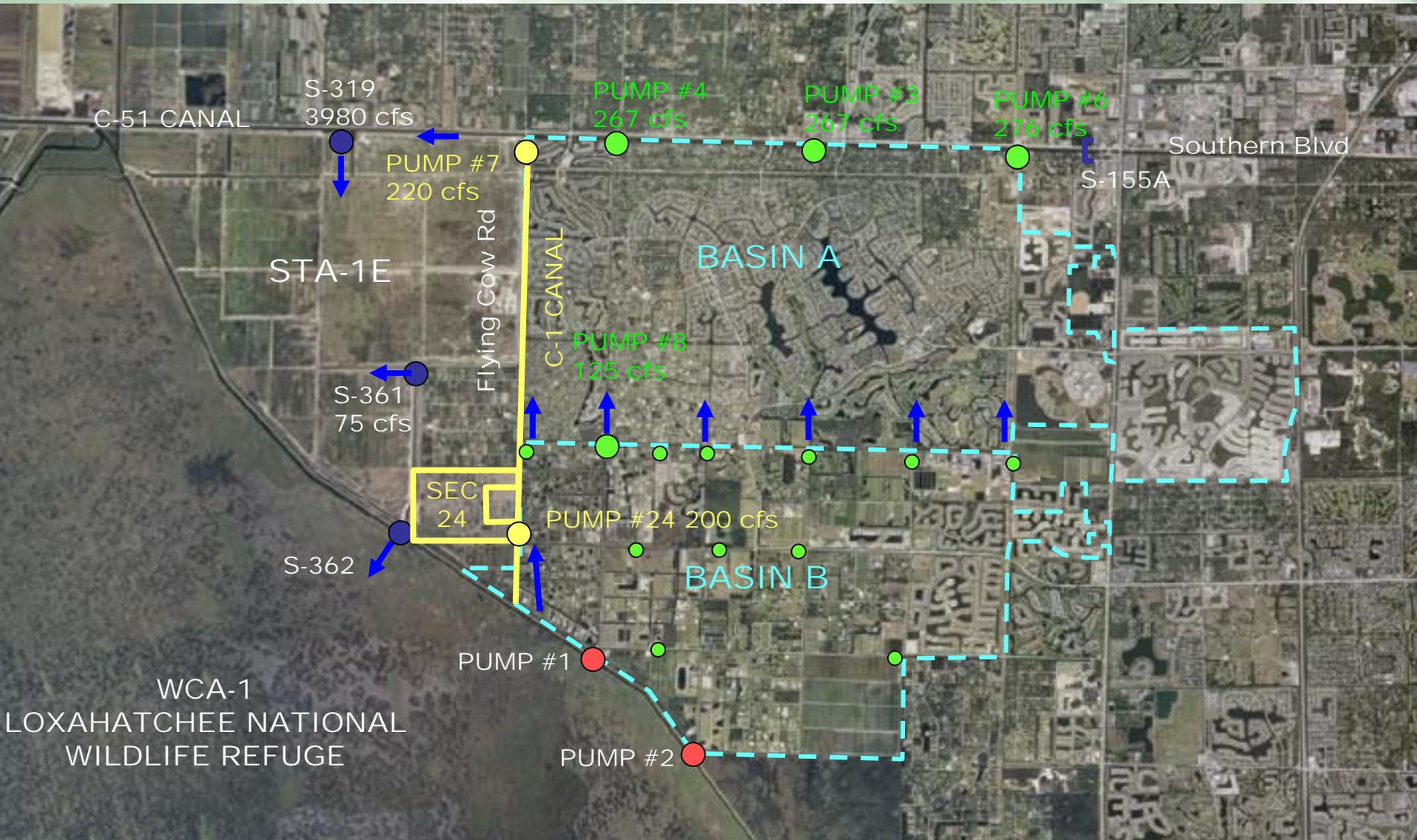
Purpose

Divert stormwater run off from Acme Basin B to C-51 West Canal

To STA-1E for treatment prior to discharge to Refuge

Excess water may be used to meet water supply demands in central and southern Palm Beach County

The Project



Project Components

Package/Phase 1

- C-1 Canal widening
- Pump Station #7

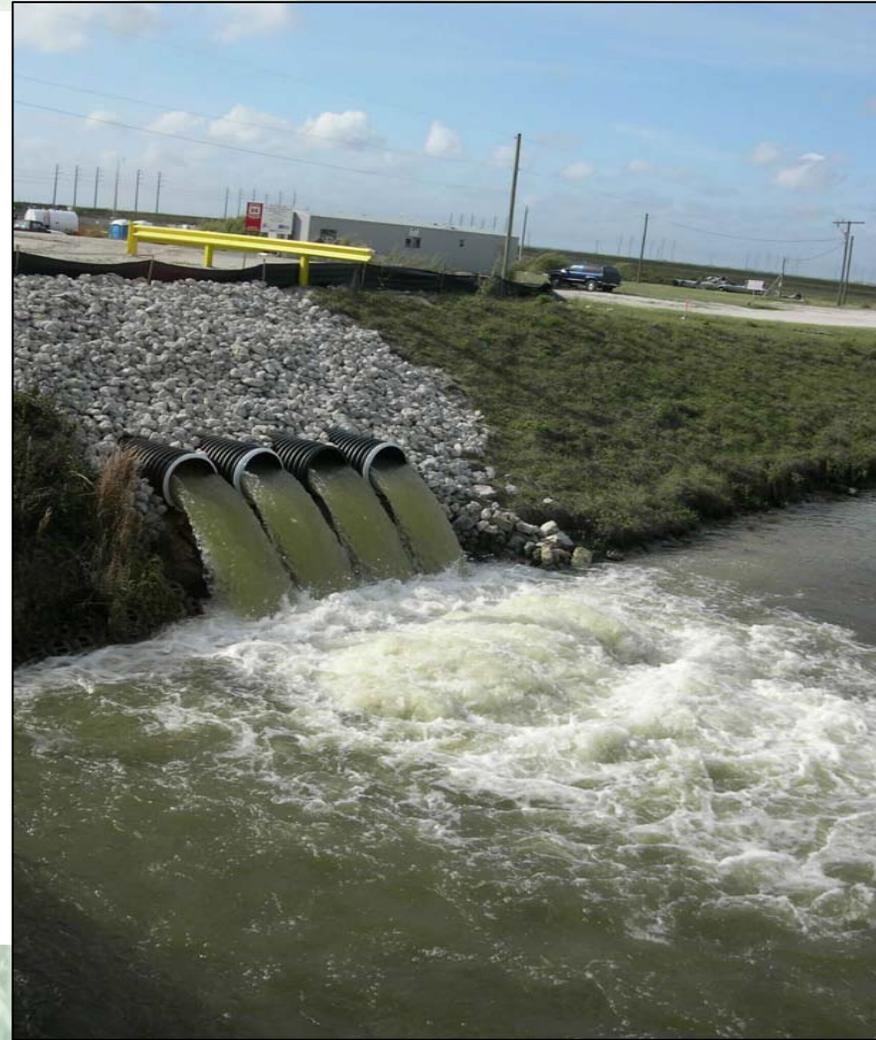
Package/Phase 2

- Section 24 Impoundment
- Pump Station #24

Phase 1 C-1 Canal Widened



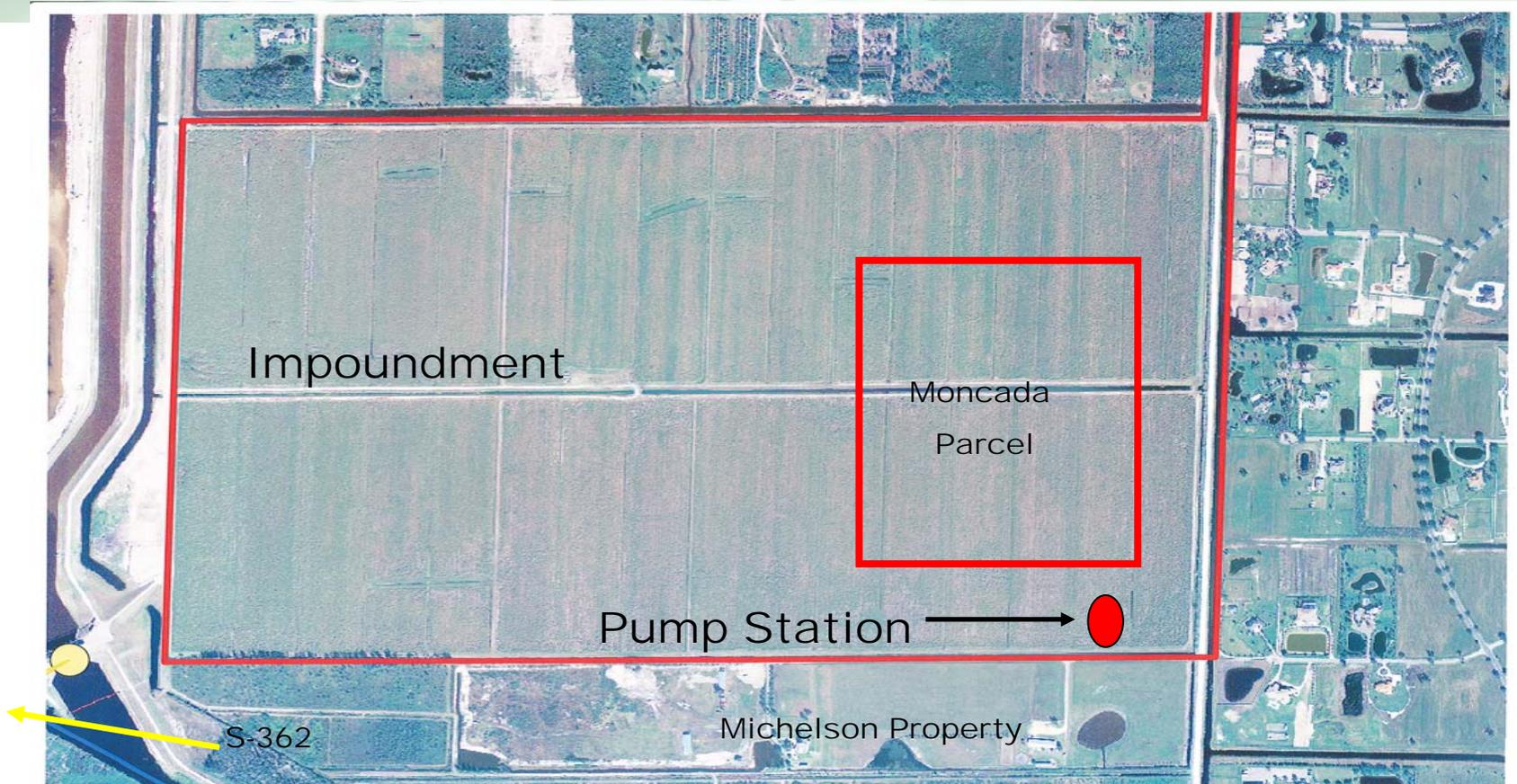
Phase 1 Temporary Pump System



Remaining Phase 1 works

- Permanent PS7 (VOW electric pumps)
- Crossing of Flying Cow Road (east to west)
- Miscellaneous landscaping + finishing works
- Being accomplished in partnership with VOW

Section 24 Impoundment



View across Section 24 land

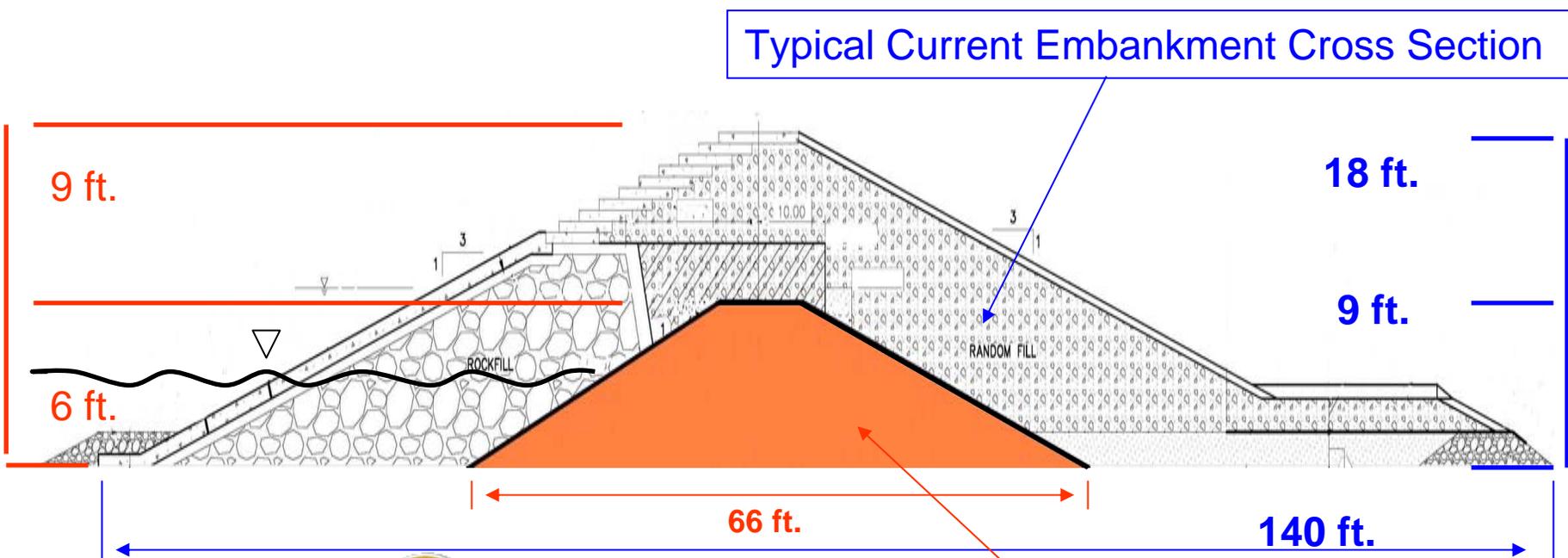


Phase 2 Status

- Preliminary Design completed
- Estimated construction cost has increased
 - General increase in construction price index
 - Design standards for embankments
 - Reduction in footprint size
 - Introduction of seepage control system
- Value engineering review commenced
- Opportunities for further joint working being investigated with VOW

Compliance with Federal Engineering Standards

Typically, four times more engineered fill required for Acceler8 embankment cross section to safeguard public safety



Typical Yellow Book Embankment Cross Section

Phase 2 Schedule

Value Engineering review	1 – 3 months
Design	9 – 12 months
Bid and Award	2 – 3 months
Construction	12 – 18 months
Total	24 – 36 months
Date range for completion	June 2009 – June 2010