CENTRAL
EVERGLADES
PLANNING PROJECT

Working Group
Sponsored
Public Workshop -
L-67 A/C and
L-29 Levees

PRESENTED BY
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L-67 A/C (GREENLINE) AND L-29 (BLUELINE) SCREENING
Formulation With a Spatial Perspective

**REDLINE** – Everglades Agricultural Area (EAA) and the WCA 3A (L-4, L-5 and L-6 levees and canals)

**GREENLINE** – WCA 3A and WCA 3B (L-67A and C levees and associated canals)

**BLUELINE** – WCA 3A/3B and Everglades National Park (ENP) (Tamiami Trail roadway and L-29)

**YELLOWLINE** – WCA 3A/3B and ENP to the lower east coast (east coast protective levee system, the L-30 and L-31N)
Overview of Screening

Multiple Restoration Targets

iModel to optimize operations to meet targets

Project Features
Previous Public and Agency Workshops on Features

- **Working Group workshop held March 3, 2012** –
  - Maps of features north of the Redline – Everglades Agricultural Area

- **Working Group workshop held May 15, 2012** –
  - Maps of features south of the Redline – Hydropattern Restoration Feature, Miami Canal, L-67 A/C, Tamiami Trail, and seepage management

- **Project Delivery Team meeting May 31, 2012**
  - Maps HRF and Miami Canal

- **Project Delivery Team meeting July 31, 2012**
  - Maps L-67 A/C, Tamiami Trail, and seepage management
SAMPLE MAPS FOR GREENLINE AND BLUELINE FEATURES
Remove/Gap all levees
Uncontrolled flow
Remove all levees
Uncontrolled flow
Gaps in levees
Uncontrolled flow
New bridges
Seepage
Degrade L-67C levee
New bridges
Seepage
Degrade L-28 levee
Culverts through levees (uncontrolled or control?)
Spoil mound removal
New bridges
Seepage
Gaps through levees
(uncontrolled or control?)
Spoil mound removal
New bridges
Weirs in L-67 levees -
  North and south
Plug in L-67A canal
New bridges
Weirs in L-29 levee
Seepage barrier at Pennsuco
Pump station
S-333
New bridges
Weirs in L-29 levee
Backfill L-67 Ext canal
Pump station for seepage
Degrade L-67C levee
Retain L-67A canal
New bridges
New berm/levee
Control structure L-67A levee
Remove part of L-67C levee
focus on southwest 3B
New berm/levee
New bridge
Seepage
Control structure L-67A levee
Remove part of L-67C levee
focus on southwest 3B
Culverts in L-67C levee
Shallow the L-67A canal
S-151 operations
New berm/levee
New bridge
Seepage
Control structure L-67A levee
Remove part of L-67C levee
focus on southwest 3B
New berm/levee
New bridge
Pump station for seepage
Control structure L-67A levee
focus on southwest 3B
New berm/levee
New bridge
Seepage
Preliminary Configurations

- Common themes were identified from the Working Group meetings and Project Delivery Team meetings
- Assembled the common features on one map
- Submit the combined set of features, together with restoration targets, to the iModel team
Features and Configurations for L-67 A/C and L-29 Levees

- New water control structure
- Levee degrade
- New pump station
- New bridge
- New levee
- Spoil mound removal
Next Steps

- Review output of iModel
- Identify if there are trade-offs among targets
- Identify reasonable sets of features and operations at L-67 A/C and L-29 to combine with the recommended A-2 FEB, Hydropattern Restoration Feature, and Miami Canal backfill options.
DISCUSSION