SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Water Resources Advisory Committee
Recreational Issues Meeting
Okeechobee Service Center
March 14, 2016

Kissimmee River Restoration
Construction Update

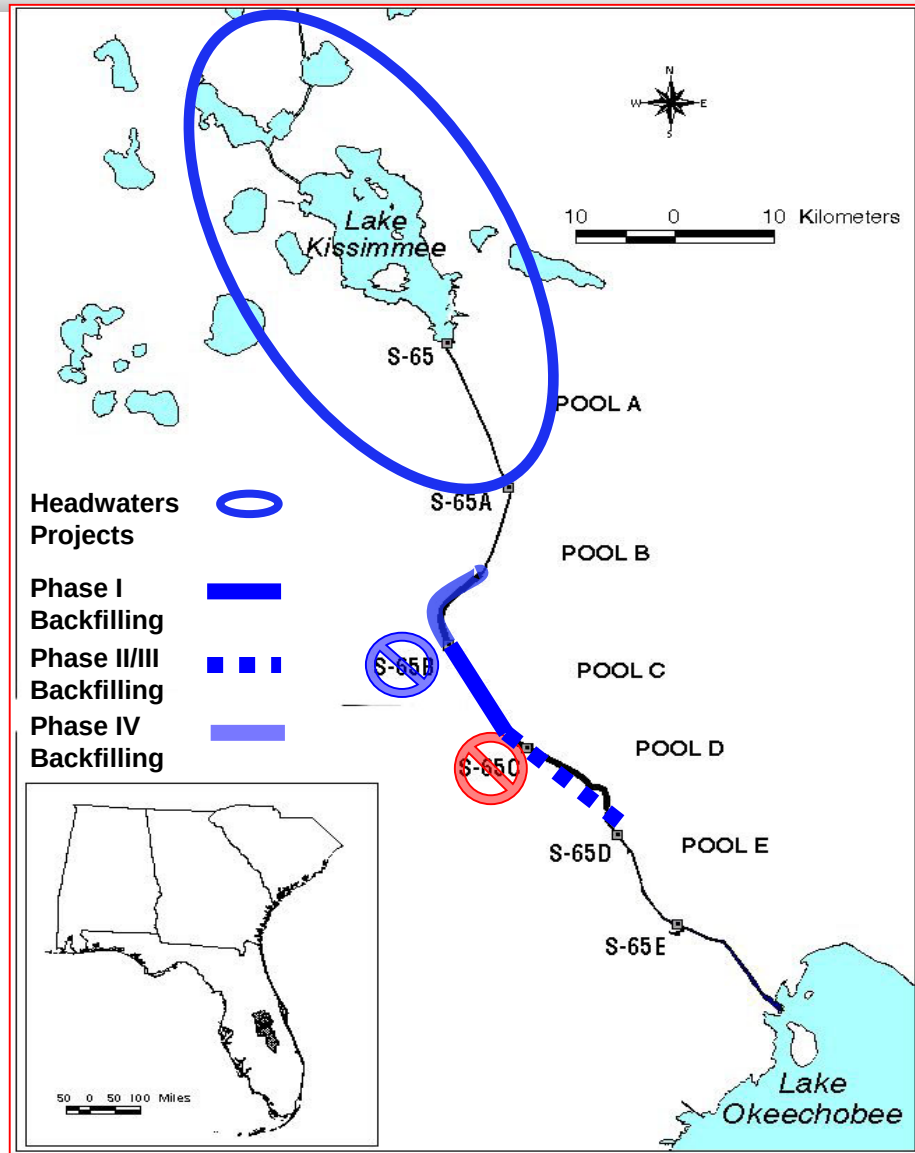
Dave Colangelo
Office of Everglades Policy and Coordination

Kissimmee River Restoration Construction Update

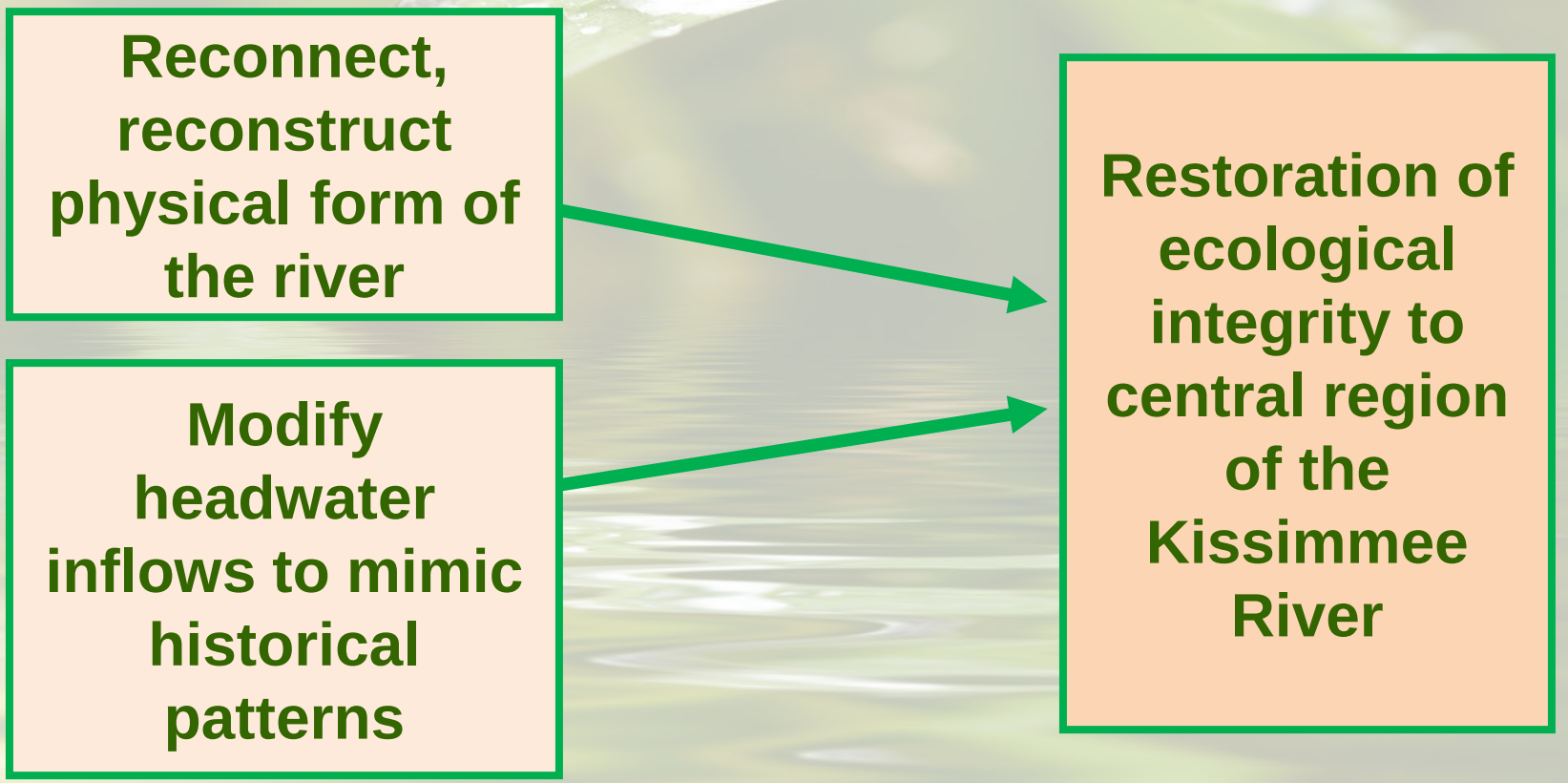
- Project Overview
- Restoration Evaluation
- Construction Update
- Question/Discussion

Kissimmee River Restoration Project

- 50/50 Cost share State/Federal
  - USACE: Engineering planning and construction
  - SFWMD: Land acquisition and restoration evaluation
- Backfill 22 miles of C-38 canal
- Reconnect 45 miles of river channel
- Remove 2 water control structures
- Mimic historic inflows – 2020
- Restoration Evaluation Program through 2025
  - Evaluate project success



Approach for the Kissimmee River Restoration Project



Reconstruct the Physical Form

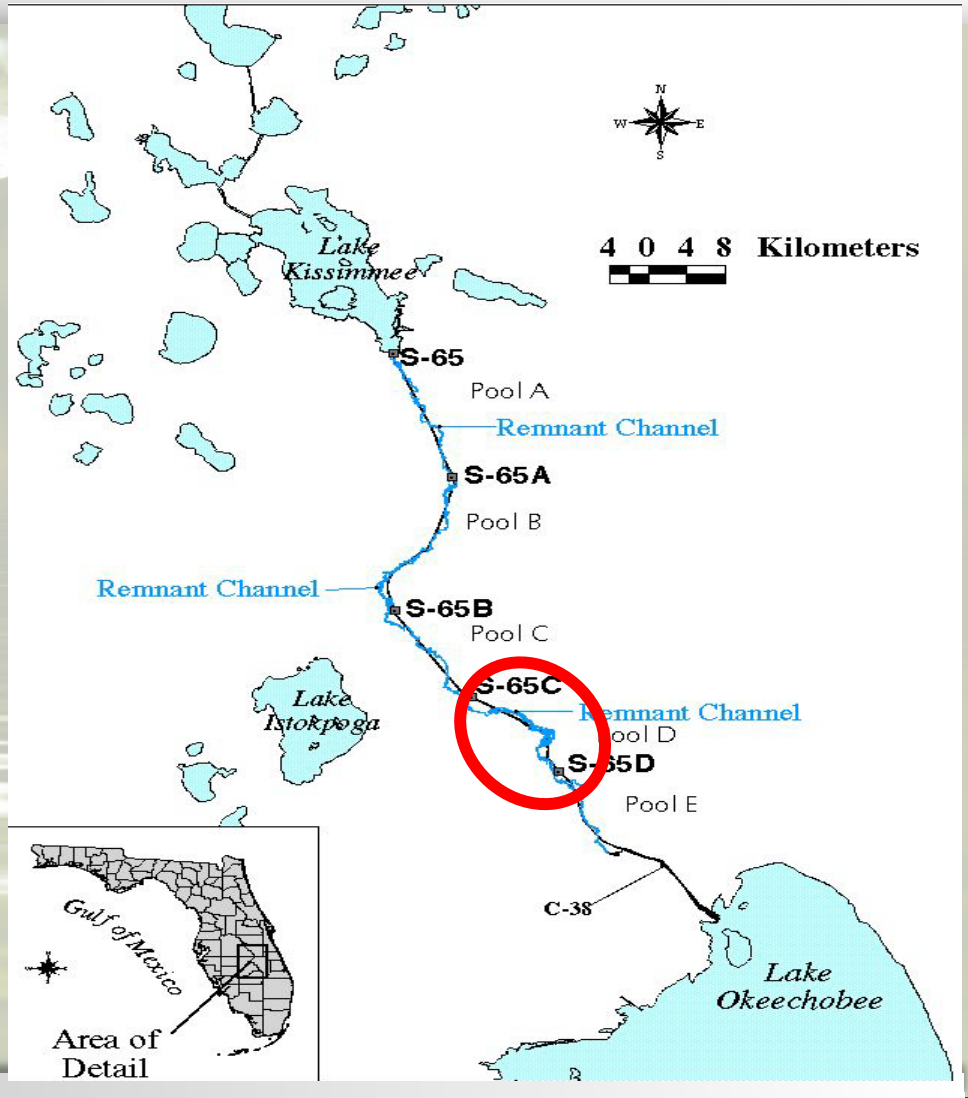
USACE Construction Contracts

Contract Number	Project Name
1	Test Backfilling
2A	C-35 Dredging
2B	C-36 Enlargement
2B1	C-37 Enlargement
3	S-65 Enlargement
4	Local Levee Degradation
5	S-65A Tieback Levee
6A1A	C-83A/84A Spillways
6A1B	S-68A Spillway
6A2	Istokpoga Canal
6B	Basinger Grove
7	Reach 1 Backfilling
7B	Radio Tower

Contract Number	Project Name
8	Hwy 98 Causeway
9	CSX Railroad Bridge
10A	Oxbow Dredging
11	S-65D Control Structure
13A	Reach 4A Backfilling
13B	Reach 4B Backfilling
14	Pool A Spoil Mound
15	River Acres Flood Reduction
15A	River Acres Supplemental
18	Pool D Oxbows
18A	S-65E Spillway
18B	Pool D Boat Ramp

Remaining Construction Features

Contract Number	Project Name
10	Reach 2 Backfilling
10B	MacArthur Ditch Backfilling
12	Reach 3 Backfilling
12A	S-69 Weir



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Phase II/III ~ Pool C and D Construction Features

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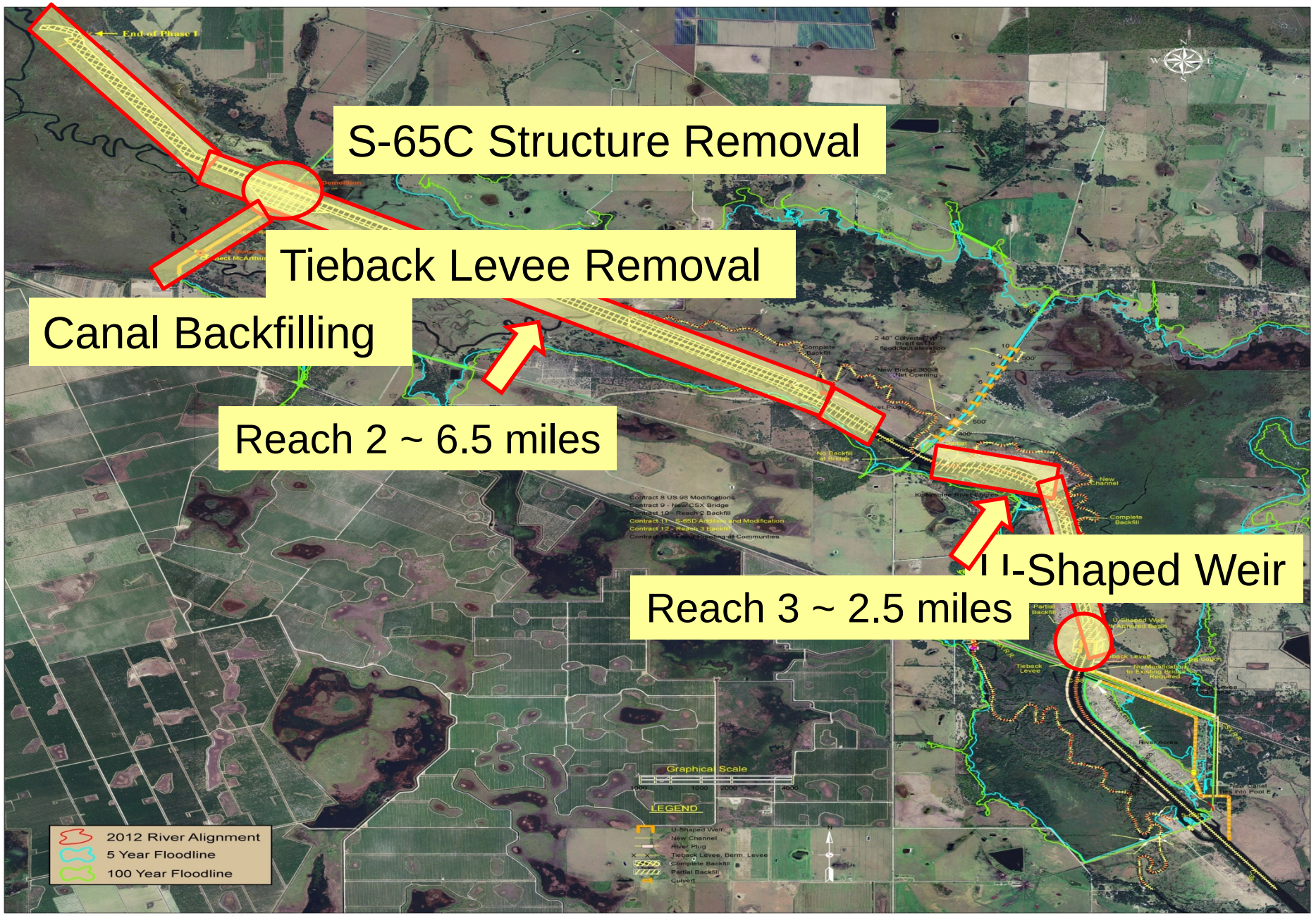

0 0.5 1 Miles

N

0 0.5 1 Kilometers

The Pool D Construction Features were provided by the U.S. Army Corps of Engineers. Imagery data provided by the South Florida Water Management District (SFWMD). Map compiled by the Kissimmee Division, Watershed Management Department, SFWMD. The SFWMD makes no representation as to the suitability or accuracy of these data for any other purpose and disclaims any liability for errors that the data may contain. \\ad.sfwmd.gov\DFSRoot\data\fa_bus\arcgis\mxd\projmgmt\Construction\Phase2-3_PoolC-D_ConstructionFeatures.mxd. May 2007 bmr.

NOTE: Construction features last updated in February 2005.

http://www.sfwmd.gov/site/index.php?id=15#sites

KISSIMMEE RIVER RESTORATION

MacArthur Ditch Backfill

Construction Progress

March 2016

N
MacArthur Ditch
July 7, 2015

S
Backfill material
Downstream plug
July 7, 2015

July 7, 2015

July 7, 2015

December 12, 2015

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February 24, 2015

KISSIMMEE RIVER RESTORATION

Reach III C-38 Backfill

Construction Progress

March 2016

February 3, 2016

February 17, 2016

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February 18, 2016

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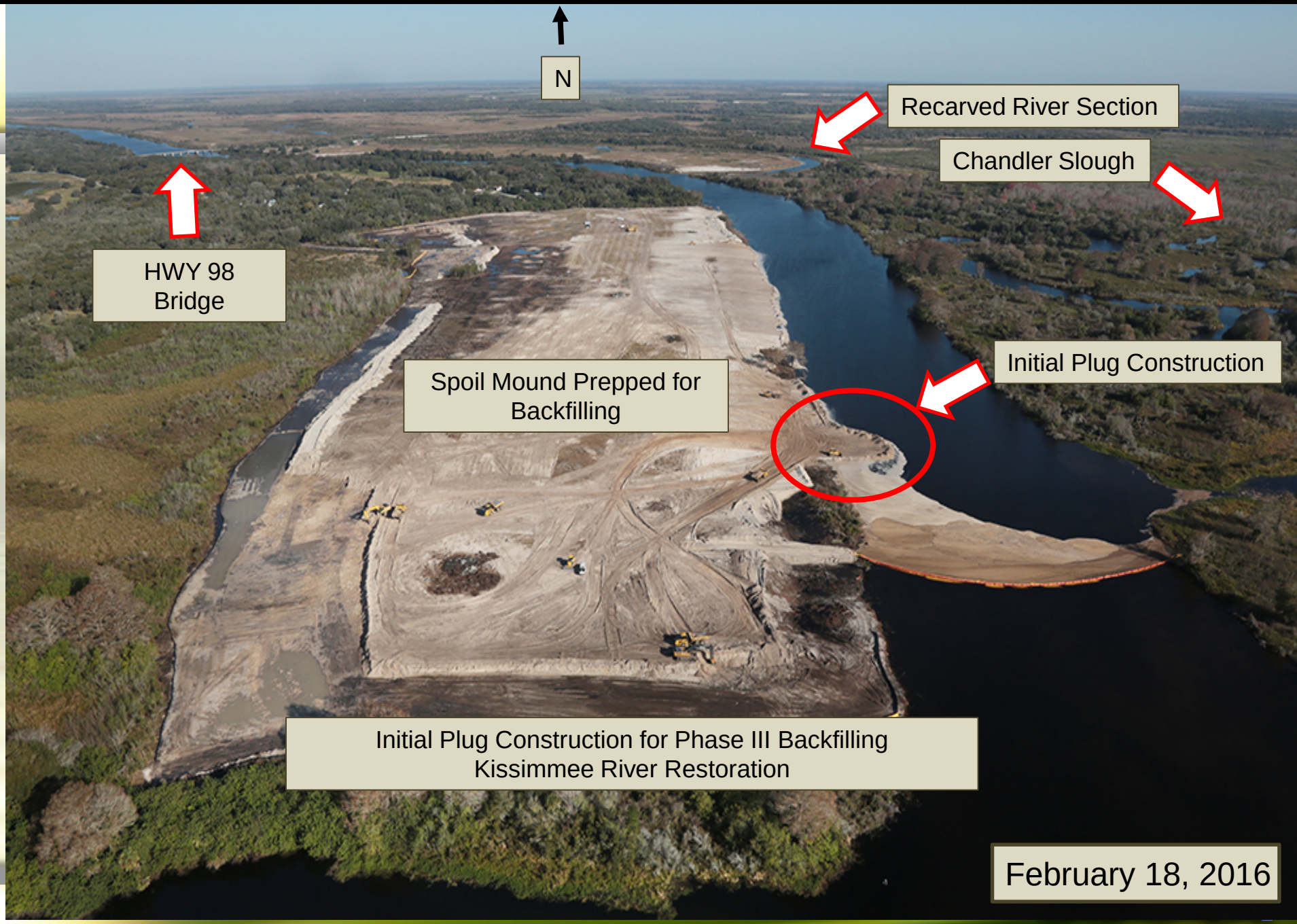

THANK YOU!