

January - March 2016

# Kissimmee River Restoration Project and Kissimmee Basin Environmental and Restoration Features



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**December 12, 2015**

Looking north (upstream) from the southern end of the MacArthur Ditch backfill project where a rock plug was installed. Backfilling of the ditch has been resumed.



**February 3, 2015**

Looking north (upstream) from the southern end of the MacArthur Ditch backfill project where a rock plug was installed. Backfilling of the ditch has been resumed.



**February 9, 2015**

Looking north (upstream) from the southern end of the MacArthur Ditch backfill project where a rock plug was installed. Backfilling of the ditch has been resumed.



February 24, 2015

Looking north (upstream) from the southern end of the MacArthur Ditch backfill project where a rock plug was installed. Backfilling of the ditch has been resumed.



February 3, 2016

Looking south (downstream) at the MacArthur Ditch backfill progress.



**February 3, 2016**

Looking south (downstream) at the MacArthur Ditch backfill progress.



**February 9, 2016**

Looking south (downstream) at the MacArthur Ditch backfill progress.



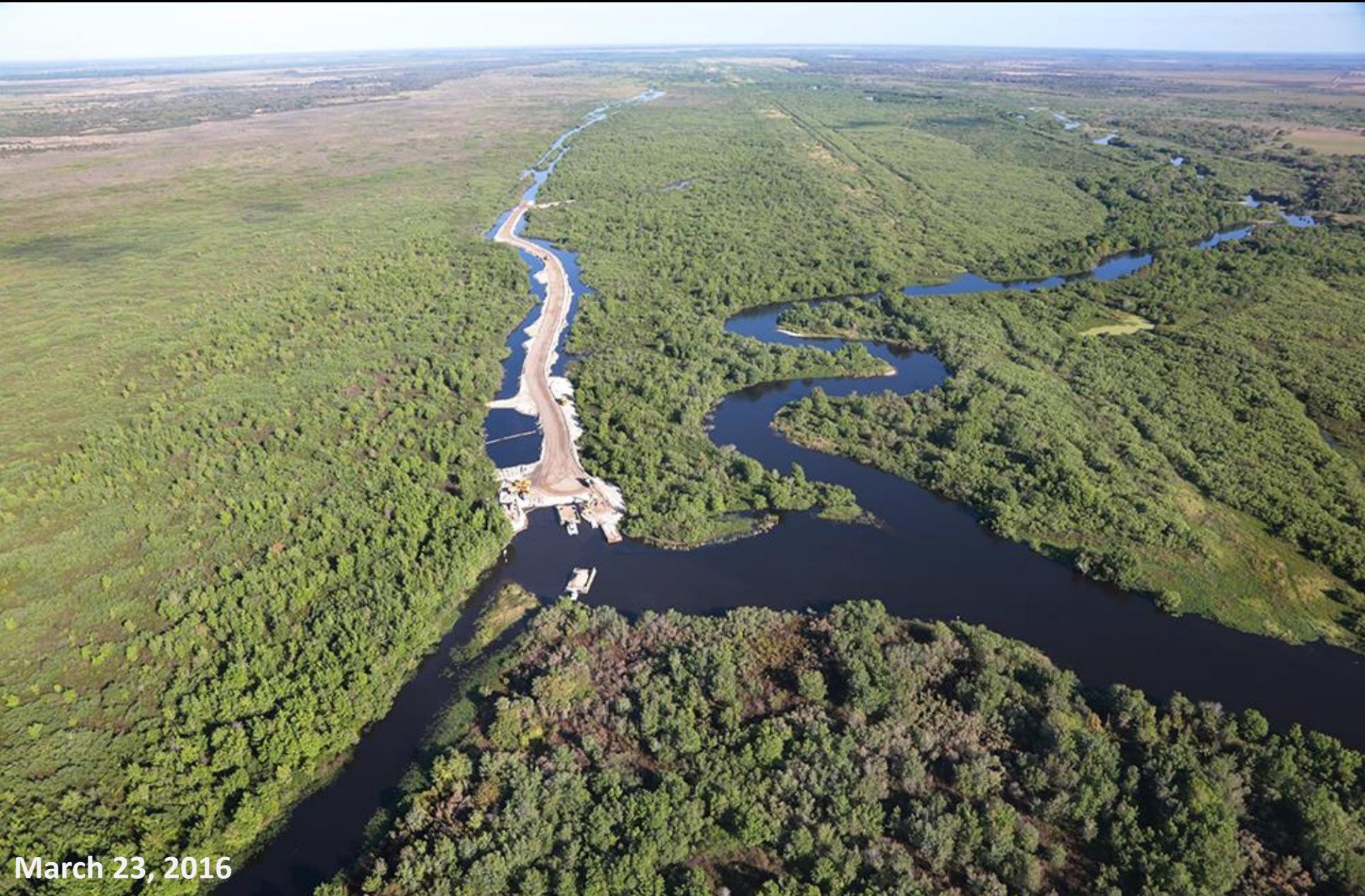
March 2, 2016

Looking south (downstream) at the MacArthur Ditch backfill progress.



March 23, 2016

Looking south (downstream) at the MacArthur Ditch backfill progress.



March 23, 2016

Looking north (upstream) at the MacArthur Ditch backfill progress.



February 3, 2016

Looking southeast (downstream) at the MacArthur Ditch backfill as dirt is barged in from the south along the C-38.



Kissimmee River Phase I restoration area floodplain.



February 3, 2016

Kissimmee River Phase I restoration area.



February 3, 2016

An American alligator suns himself on a sandbar along the Phase I restoration area Kissimmee River.



February 3, 2016

Kissimmee River Phase I restoration area.



January 21, 2015

In the Phase I restoration area floodplain, an immature little blue heron gets a surprise when a large snapping turtle clamps onto his leg. The little blue later managed to escape the deadly jaws of the snapper and head to higher ground for safety.



**February 3, 2016**

Environmental scientists use box traps in the floodplain of the Kissimmee River Phase I restoration area to evaluate prey availability for the wading birds.



February 3, 2016

Kissimmee River Phase I restoration area.



February 3, 2016

Osprey in the Kissimmee River Phase I restoration area.



February 3, 2016

Kissimmee River Phase I restoration area.



**February 9, 2016**

Kissimmee River Phase IVB restoration area floodplain – Kissimmee Prairie State Park.



February 9, 2016

Kissimmee River Phase IVB restoration area – Kissimmee Prairie State Park.



**February 9, 2016**

Kissimmee River Phase IVB restoration area – Kissimmee Prairie State Park.



**February 18, 2016**

In the lower reaches of the Kissimmee River Phase I restoration area, Micco Run cuts through a strand of red maples.



**February 18, 2016**

Kissimmee River Phase I restoration area (discharge at water control structure S65A was 2112 cubic feet per second (cfs)).



February 9, 2016

Kissimmee River Phase I restoration area (discharge at S65A was 2112 cfs).



**February 18, 2016**

Phase IVB restoration area floodplain in Avon Park Bombing Range.



February 18, 2016

White-tailed deer forage in the Kissimmee Prairie State Preserve.



March 2, 2016

Kissimmee River Phase I restoration area (discharge at s65A was 1400 cfs).



**March 9, 2016**

Kissimmee River Phase I and Phase IV restoration area (discharge at S65A was 400 cfs).



March 2, 2016

Kissimmee River Phase I restoration area (discharge at S65A was 1400 cfs).

Kissimmee River Restoration Project  
Reach 3 C-38 Backfill  
Construction Progress  
February 2016



**February 3, 2016**

Kissimmee River Reach 3 restoration area. Contractors are preparing Reach 3 of C-38 backfill by clearing and burning the vegetation from the spoil next to the C-38 canal. The spoil will be used to backfill the canal.



HWY 98 Bridge

Spoil Mound  
Prepped for  
Backfilling

Plug Construction

Recarved River Section

Chandler Slough Run

N

February 24, 2016

Kissimmee River Restoration Project Reach 3 construction looking north. Contractors have almost finished the initial plug for Reach 3 backfilling.



**February 24, 2016**

Kissimmee River Reach 3 restoration area looking north. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



February 17, 2016

Kissimmee River Reach 3 restoration area. Contractors are degrading the spoil pile and preparing for C-38 canal backfill.



February 17, 2016

Kissimmee River Reach 3 restoration area. Contractors are degrading the spoil pile and preparing for C-38 canal backfill.



February 17, 2016

Kissimmee River Reach 3 restoration area. Contractors are degrading the spoil pile and preparing for C-38 canal backfill.



**February 18, 2016**

Kissimmee River Reach 3 restoration area. Bulldozers push spoil to the edge of the C-38 canal in preparation for backfill.



February 18, 2016

Kissimmee River Reach 3 restoration area looking south. Contractors are degrading the spoil pile and preparing for C-38 canal backfill as they begin at the lower reach to use the spoil to construct a plug across the C-38 canal.



**February 24, 2016**

Kissimmee River Reach 3 restoration area looking south. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



February 24, 2016

Kissimmee River Reach 3 restoration area looking east. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



Kissimmee River Reach 3 restoration area looking northwest. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



**February 24, 2016**

Kissimmee River Reach 3 restoration area looking northwest. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



March 2, 2016

Kissimmee River Reach 3 restoration area looking northwest. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



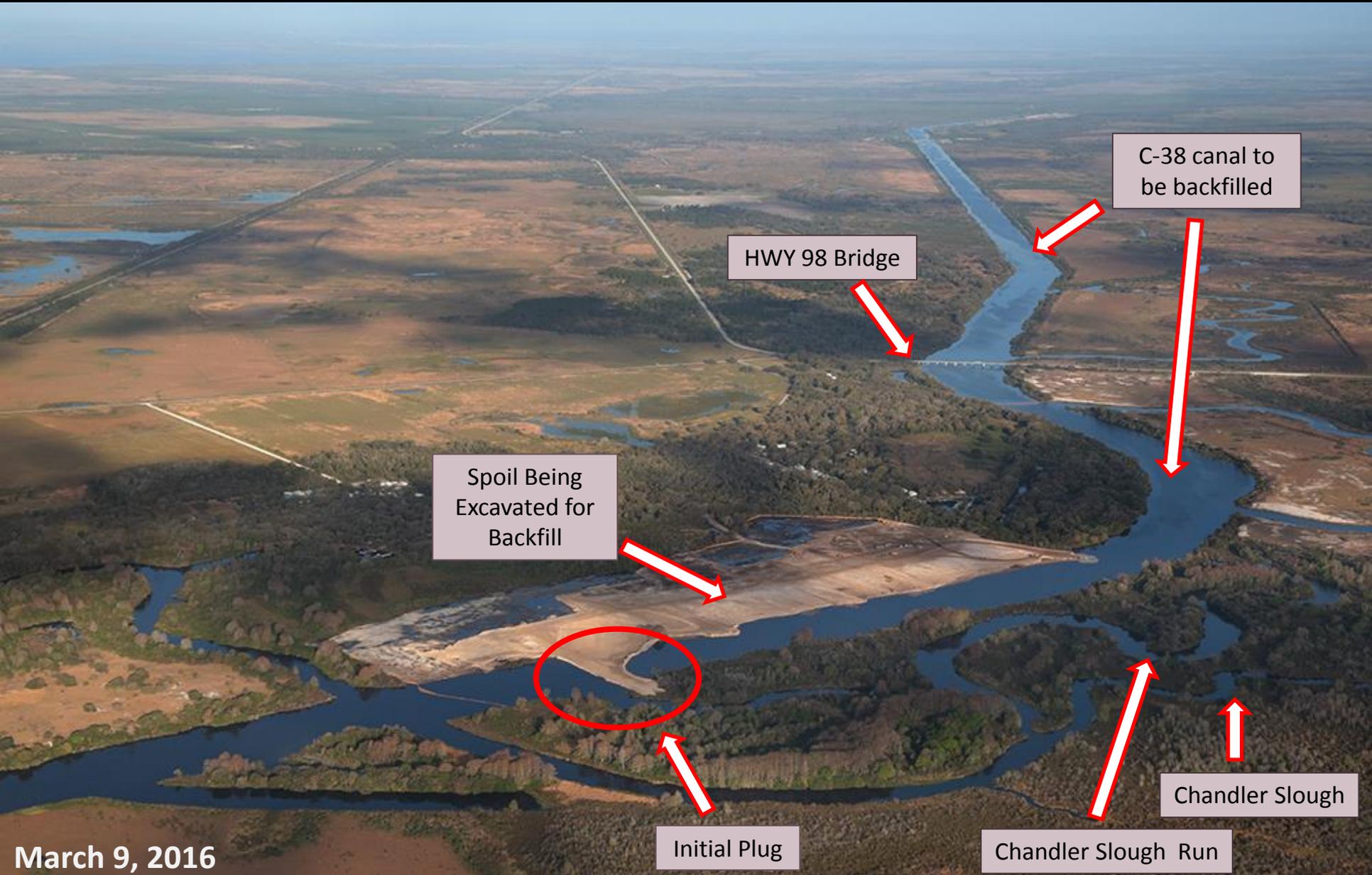
March 2, 2016

Kissimmee River Reach 3 restoration area looking south. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



March 9, 2016

Kissimmee River Reach 3 restoration area looking south. Contractors have successfully completed the initial plug of C-38 canal Reach 3 backfill.



March 9, 2016

Kissimmee River Phase III/Reach 3 restoration area looking northwest. Contractors have successfully completed the initial plug of C-38 canal Reach 3 backfill. They will now continue their way northwest backfilling the canal. Phase III/Reach 3 continues upstream to HW98 bridge. Phase II/Reach 2 will continue further upstream to connect with Phase I/Reach 1 backfill completed in 2001.



**March 2, 2016**

Kissimmee River Reach 3 restoration area looking west. Contractors are pushing spoil across the C-38 canal to create the initial plug of Reach 3 backfill.



**March 9, 2016**

Kissimmee River Reach 3 restoration area looking west. Contractors have successfully completed the initial plug of C-38 canal Reach 3 backfill. They will now continue their way northwest backfilling the canal.



March 23, 2016

Looking west at Reach 3 restoration area.



Looking west at Reach 3 restoration area.



March 30, 2016

Looking northwest at Reach 3 restoration area.



Looking north at Reach 3 restoration area. Contractors are constructing a plug across the short circuit oxbow to divert flows through the main Chandler River Channel.