

SOO LOCKS UPDATE

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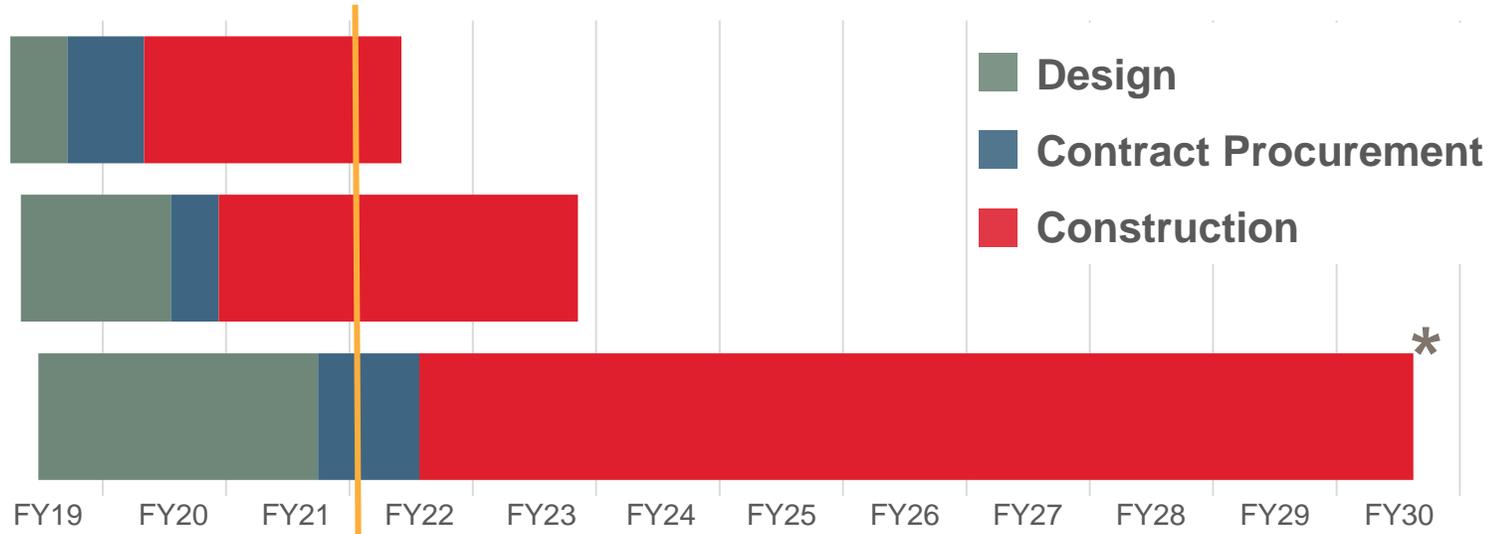
NEW LOCK AT THE SOO - STATUS



Phase 1: Upstream Channel Deepening (UCD)

Phase 2: Upstream Approach Walls (UAW)

Phase 3: New Lock Chamber (NLC)



WE ARE HERE

* Early completion could be realized with efficient funding, and favorable weather conditions



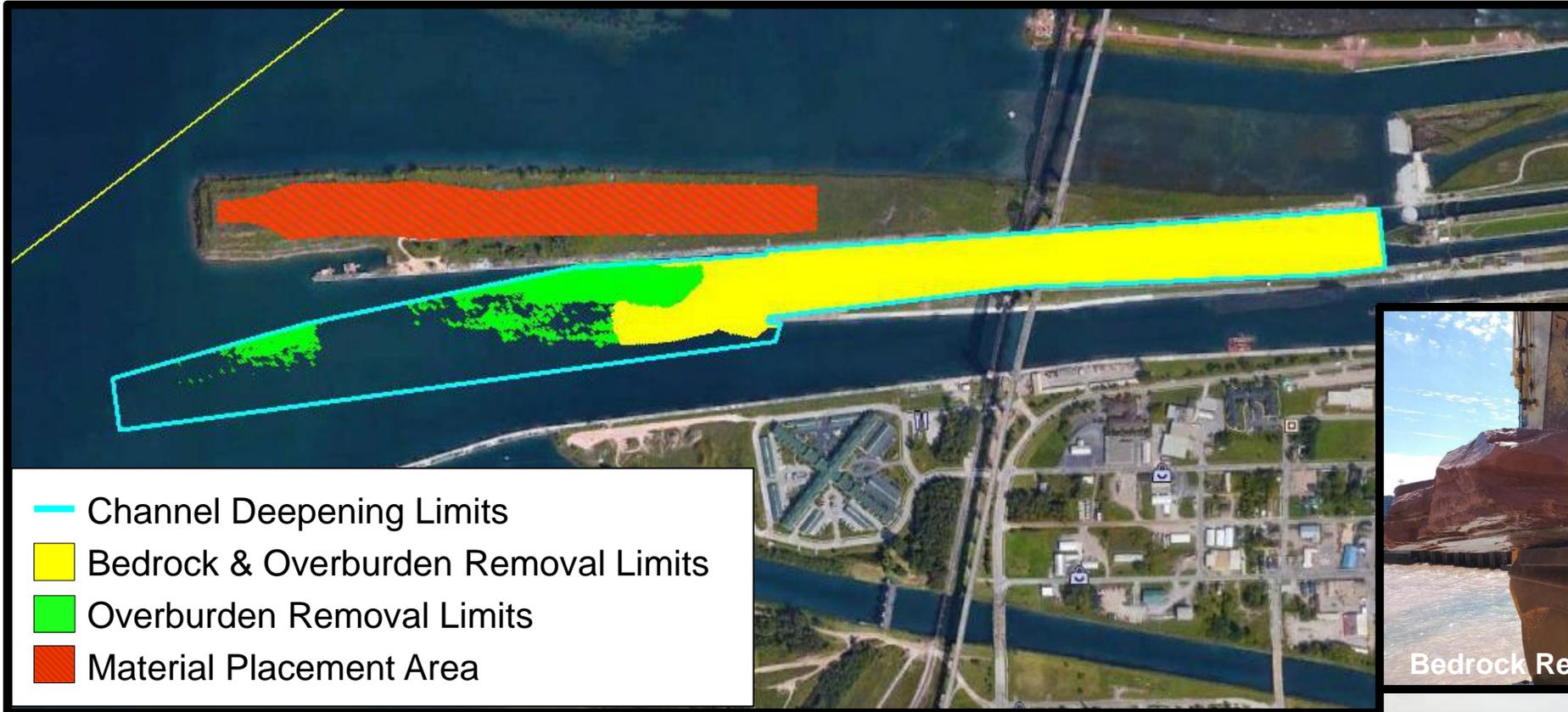


NEW LOCK AT THE SOO – ARTISTIC RENDERING





PHASE 1: UPSTREAM CHANNEL DEEPENING SCOPE

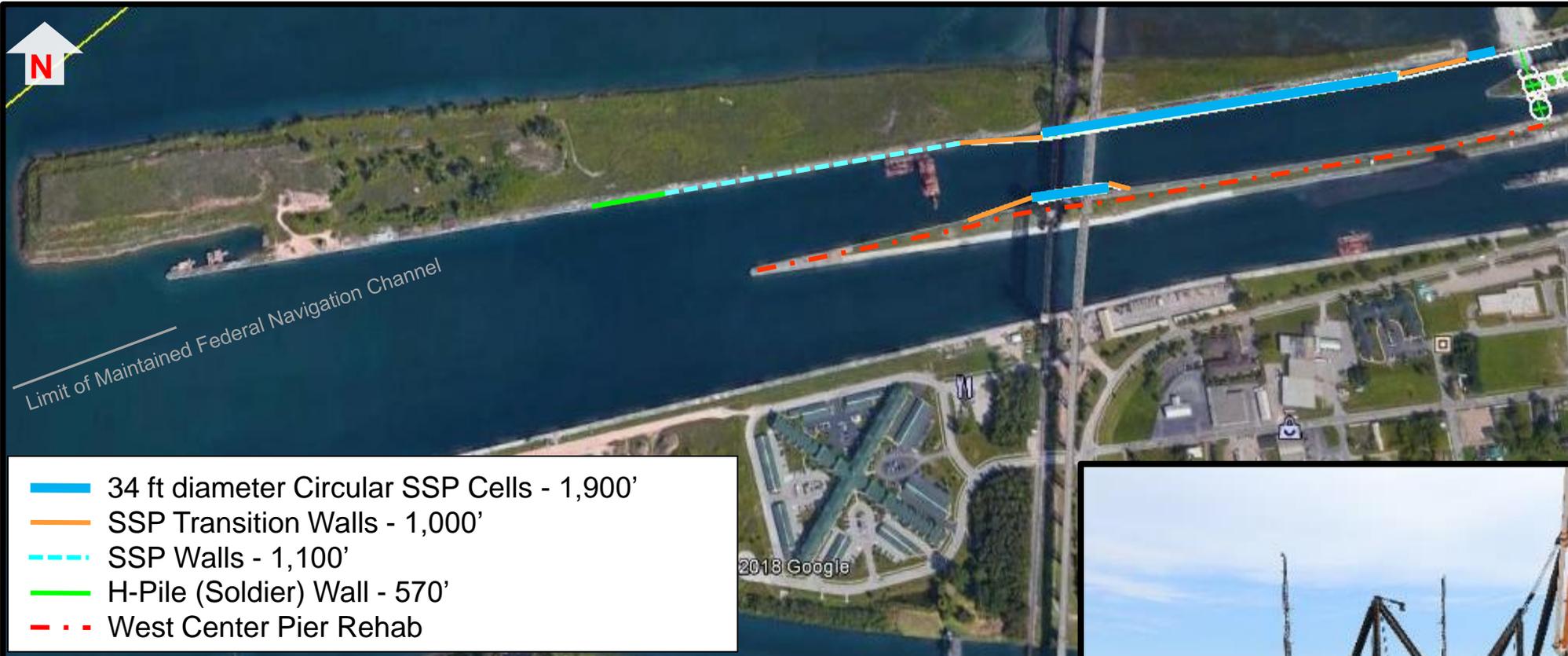


Scope: Remove 250,000 CY of Jacobsville sandstone and overburden to deepen the Upstream Approach Channel to depth of 30 feet

Construction Status:

- Contract awarded in January 2020 to Trade West Construction Co. of Nevada.
- Contractor has completed roughly 90% of the required contract work.
- Contractor is on track to substantially complete work in Nov 2021

PHASE 2: UPSTREAM APPROACH WALLS



Scope: Rehabilitate walls, concrete caps, mooring bollards, electrical, and lighting upstream of the New Soo Lock

Project Status:

- Contract awarded to Kokosing Alberici in September 2020
- Contractor arrived on site in April 2021 and is scheduled to be complete work in Fall 2023





PHASE 3: NEW LOCK CHAMBER



Scope: Construct new 1,200' long by 110' wide by 32' deep chamber and rehabilitate downstream approach walls.

Project Status:

- 100% Design completed in Aug 2021
- Construction contract solicitation in progress
- Construction contract award expected in February 2022
- Contractor mobilization expected in Spring 2022

KEY FEATURES

- Miter Gates
- Filling & Emptying System
- Ship Arrestors
- Hands Free Mooring
- New Pump Well



FY22 WINTER MAINTENANCE



- Mac Tainter (Fill/Empty) Valve Rehabilitation
- Poe Gate 1 Rehab., Coating Replacement
- MacArthur Lock Gate 5 (Downstream Operating Gate) Sill Repair
- Poe Gate 3 (Downstream Operating Gate) Structural Repair and Seal Replacement
- Poe Valve 1 North and South Pin and Bushing Replacement
- Fender Timber Replacements



TIMBER REMOVAL & SCAFFOLD INSTALL





TOP OF ENCLOSURE PRIOR TO CEILING INSTALLATION





HEATED ENCLOSURE





SANDBLASTING





VINYL PAINT SYSTEM (WHITE PRIMER)





FENDER INSTALL





DIAGONAL REPLACE/
INSTALL/STRESS







