

West Shore Lake Pontchartrain

Stakeholder Update

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Agenda

- Project Overview
- General Status
- Right-of-Entry
- Vegetation Clearing Contract
- Stock Pile Contract
- Pump Station Alternatives and Recommendation
- St. James Parish Update

<https://www.mvn.usace.army.mil/About/Projects/West-Shore-Lake-Pontchartrain/>

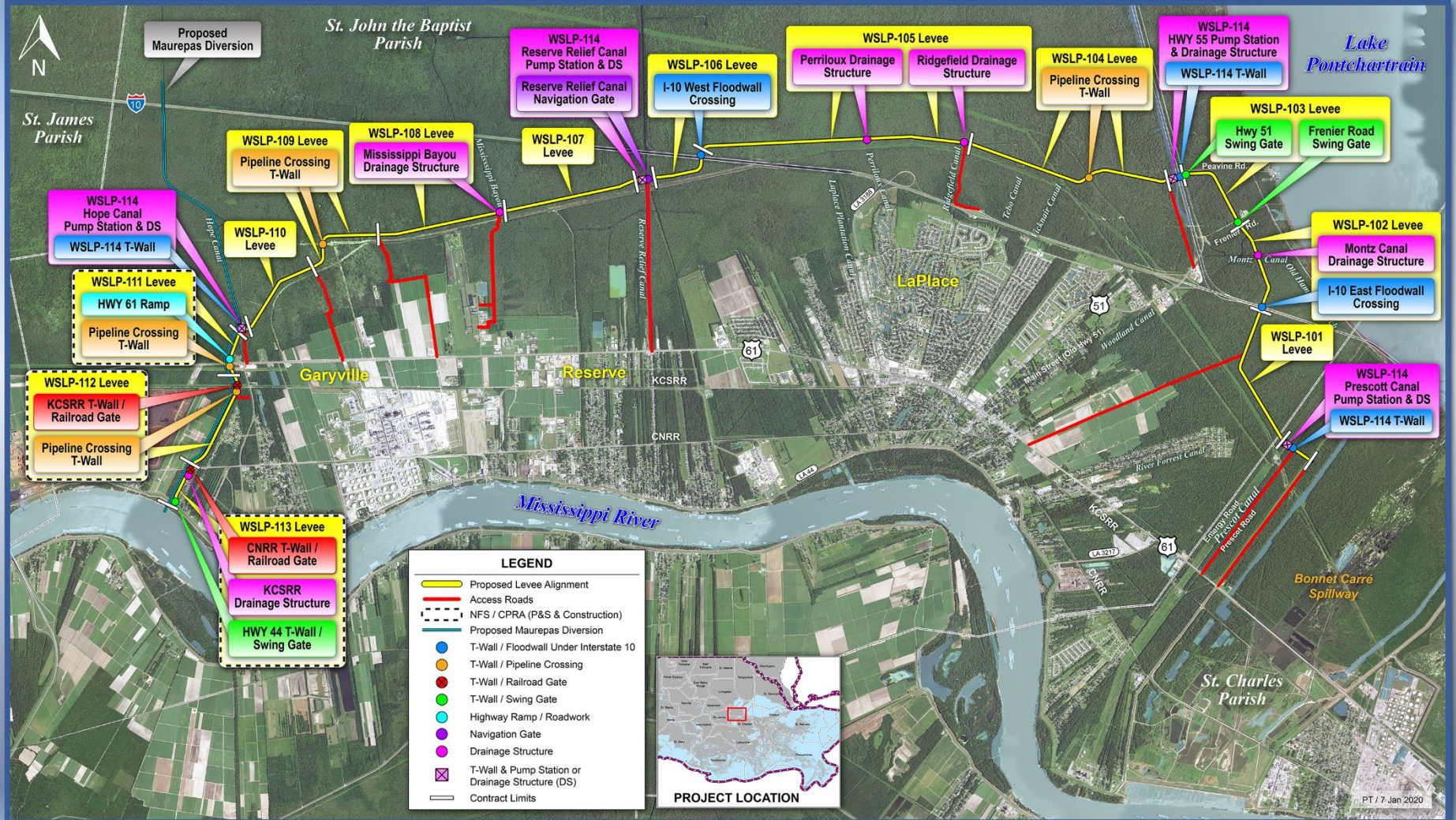
WEST SHORE LAKE PONTCHARTRAIN

PROJECT OVERVIEW

- Authorized as part of the Bipartisan Budget Act of 2018
 - ▶ Public Law 114-322; Section 1401(3)(5)
 - ▶ Authorized as a Hurricane and Storm Damage Risk Reduction System project
 - ▶ CPRA and Pontchartrain Levee District are the non-Federal Sponsors
 - ▶ Cost share – 65% Federal and 35% non-Federal
- **Project Description / Scope**
- Alignment is approximately 23 miles in length, consisting of 22.0 miles of levee and 1 mile of T-wall:
 - St. Charles Parish = 0.5 miles; St. John Parish = 18.0 miles; St. James Parish = 4.5 miles.
- The project includes 4 pump stations, 8 drainage structures, 3 gated road crossings, 2 railroad gates, approximately 35 utility relocations, 145 culvert valves / gates, and raising / floodproofing of a limited number of structures.
- 7.0 – 9.0 million cy of embankment material needed for levee construction.
- In excess of 1,000 acres of new right of way will need to be acquired.
- Habitat impacts will require compensation for approximately 1,090 AAHU's
- \$760M appropriation (includes real estate, design, construction, etc.)



West Shore Lake Pontchartrain





WSLP - St James Parish



General Status

- Levee construction reaches have been optimized to maximize construction access (shown on following page)
 - ▶ Currently have 13 levee contracts and 1 pump station contract
- Continue to coordinate with CPRA regarding design and construction of the west alignment and the State's Maurepas Diversion Project
 - ▶ Have begun field investigations for three reaches, with designs to follow
- Detailed designs for most reaches began in January 2020.
 - ▶ WSLP 109 design task order awarded on 06 Mar 2020
 - ▶ WSLP 114 (pump station design) design contract awarded and underway
 - ▶ WSLP 105/108 design contract awarded and underway
 - ▶ WSLP 102/106 design task order scheduled to be awarded soon
- Real Estate efforts on-going.
- Pushing to begin constructing access roads and sand **stockpile** in 2020. Scheduled to award first levee construction **early 2021**.
- Project Website: www.mvn.usace.army.mil/About/Projects/West-Shore-Lake-Pontchartrain/
 - ▶ Google "West Shore Lake Pontchartrain"
- **Virtual Industry Day** scheduled for 30 Jul 2020
 - ▶ www.beta.sam.gov and search "Virtual Industry Day 2020"
 - ▶ **Via Facebook Live on the USACE New Orleans District's [Facebook Page](#)**

Levee Borrow Requirements

- Currently estimating a need of about 7.0M – 9.0M cubic yards of levee material for construction
 - ▶ Will cause a significant increase in truck traffic in St. John during construction
- Bonnet Carre' Spillway (BCS)
 - ▶ BCS currently has 3.5M CY readily available
 - ▶ Access issues due to high stages on Mississippi River
- Will continue to pursue additional Government Furnished borrow
- Previously used Contractor Furnished Borrow List not authorized to be used for the WSLP project
- Approved to use commercially available borrow sources
 - ▶ Sources Sought issued to identify commercial borrow sources
 - ▶ Requirements to become a commercial borrow source are included in the Sources Sought solicitation
 - ▶ Sources Sought closes on 5 Nov 2020
 - ▶ www.beta.sam.gov – search “2020-WSLP”

WEST SHORE LAKE PONTCHARTRAIN

TENTATIVE *DELIVERY PLAN*

Contract ID	Description	Acquisition Strategy	Construction Complete Date	Estimated Contract Value
WSLP 101	Levee	Small Business	3Q 2023	\$25M - \$50M
WSLP 102	Levee, Floodwall, Drainage Structure(s)	Small Business	4Q 2022	\$25M - \$50M
WSLP 103	Levee, Floodwall, Flood Gate	Small Business	1Q 2023	\$15M - \$25M
WSLP 104	Levee, Floodwall, Utility Crossings	Small Business	3Q 2023	\$25M - \$50M
WSLP 105	Levee, Floodwall, Drainage Structure(s)	Small Business	2Q 2023	\$35M - \$55M
WSLP 106	Levee and Floodwall	Small Business	2Q 2023	\$15M - \$25M
WSLP 107	Levee, Floodwall, Drainage Structure(s)	Small Business	1Q 2023	\$15M - \$25M
WSLP 108	Levee	Small Business	1Q 2023	\$15M - \$25M
WSLP 109	Levee, Floodwall, Utility Crossings	Small Business	1Q 2023	\$5M - \$20M
WSLP 110	Levee	Small Business	1Q 2023	\$5M - \$20M
WSLP 111	Levee, Highway Ramp, Utility Crossings	Small Business	4Q 2022	\$20M - \$40M
WSLP 112	Levee, Rail Road Gate, Floodwall, Utility Crossings	Small Business	3Q 2023	\$5M - \$20M
WSLP 113	Levee, Floodwall, Rail Road Gate	Small Business	2Q 2023	\$5M - \$20M
WSLP 114	Pump Stations	Unrestricted/Best Value	3Q 2023	\$150M - \$250M

Note: Project requirements and schedule are subject to change as designs are refined and impacts identified.

WEST SHORE LAKE PONTCHARTRAIN MISCELLANEOUS CONTRACTS

- Currently Plan to issue several smaller contracts for various pre-construction efforts
 - ▶ Stock pile contracts
 - Stockpile Contract #1 – Solicitation on hold
 - Stockpile Contract #2 – awarded on 20 Dec 2019, NTP issued 02 Jan 2020, **work on-going**
 - Sand Stockpile Contract – P&S being developed
 - ▶ **Possible** sand base/**stockpile** and/or Access Road contract(s)
 - ▶ Additional vegetation clearing contract(s) unlikely
- May issue separate contracts or combine the above efforts

Environmental Clearances

- Additional environmental clearances are required before construction can begin due to shift in portions of the levee alignment
- Supplemental Environmental Assessment for Construction is underway
 - ▶ Updating the project description
 - ▶ Updating project impacts
 - Direct
 - Indirect
- Public review ended on 23 Apr 20
 - ▶ Comments being compiled and responses prepared
- **Environmental clearances complete**

Real Estate/Right-of-Entry

- All ROE obtained for field investigations
- Right-of-Way for Construction Activities
 - ▶ PLD and CPRA have begun title research for the currently identified properties
- All ROW requests for construction of the entire project scheduled to be provided to NFS by end of May

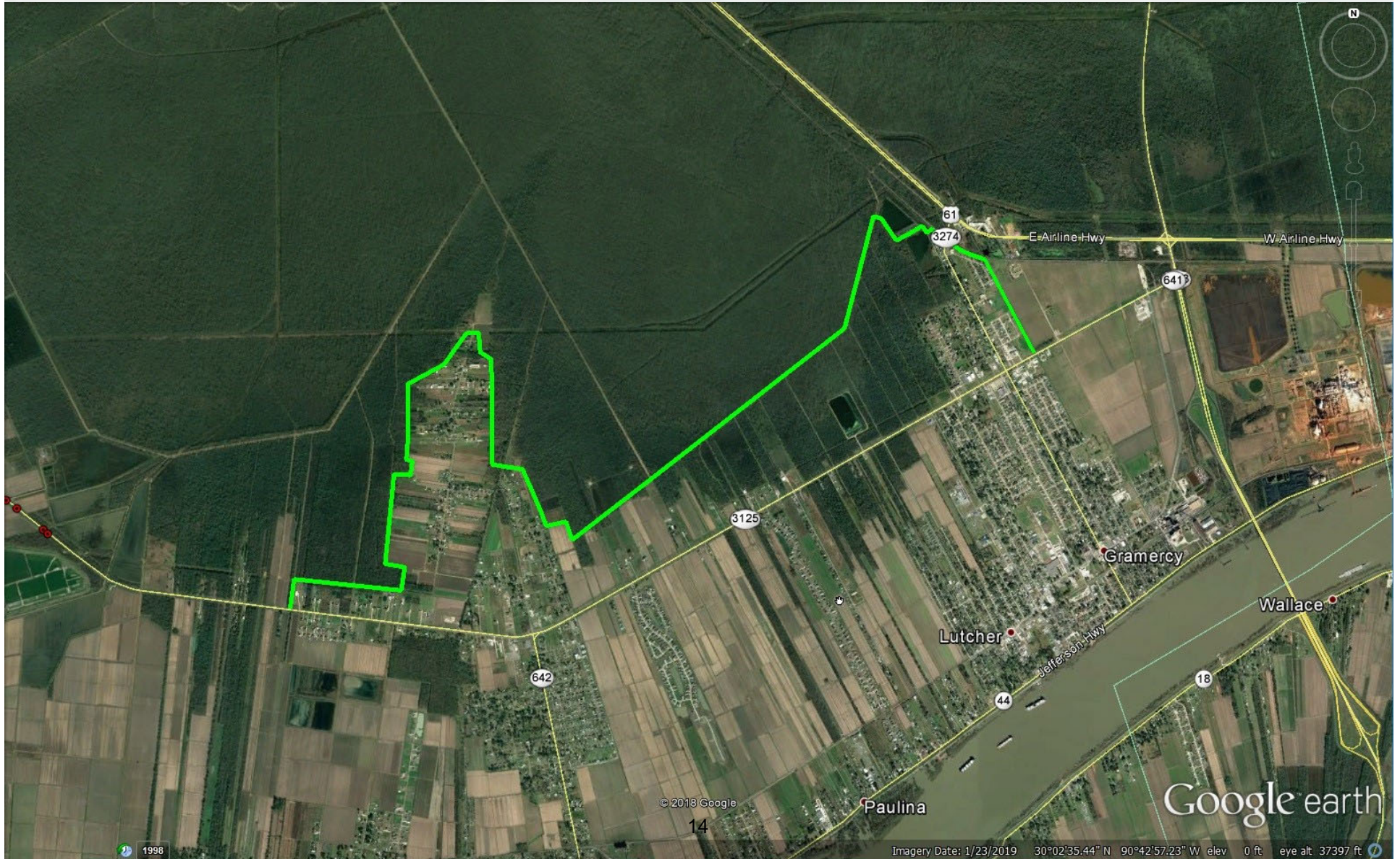
USACE Pump Station and Drainage Structure Recommendations

- Current Recommendations
 - ▶ Pump Stations
 - Hope Canal - 800 cfs
 - Reserve Canal - 2,000 cfs
 - I-55 - 2,000 cfs
 - Prescott Canal - 800 cfs
 - ▶ Drainage Structures
 - 25 total openings in 8 drainage structures
 - Increase of 13 openings
 - ▶ Interior Drainage Canal
 - 100 ft top width; 30 ft bottom width; 8 ft deep
 - ▶ Scheduling a meeting with St. John Parish to discuss drainage patterns
- Met with St. Charles Parish President
- VE Study conducted to investigate options for cost savings
 - ▶ Report received, currently determining which recommendations to pursue

St. James Parish General Status

- Currently authorized project consists of ring levees, flap valves on the culverts under Hwy 3125, flood proofing of a small number of structures
- Investigating an additional alternative to expand the ring levees and to eliminate the flap valves
 - ▶ Developing a cost for this alternative
 - ▶ Developing a cost per linear foot of levee
- Risk analysis of the flap valves scheduled to begin in early March 2020 – **no longer planning on conducting**
- Value Engineering Study scheduled **conducted week of 04 May 2020**
 - ▶ **Final report received, currently being reviewed by MVN-OC, will likely be pushing a recommended alternative to MVD soon**
- Based on the outcome of these two efforts, may be able to recommend implementation of an alternative to the flap valves
- Right-of-Entry on-going

St. James Parish



St. James Real Estate/Right-of-Entry

- All ROE obtained for field investigations
 - ▶ ROE request is being revised to account for the larger ring levee alternative
- Will notify residents prior to beginning any field investigations
- Field investigations may require entry into homeowner's back yards
- Updated ROE sent to NFS
 - ▶ USACE has asked the NFS to hold the ROE until the VE Study draft report is received

