
CITY OF PORT LAVACA

PORT COMMISSION MEETING: AUGUST 19, 2025

DATE: 08.15.2025

TO: PORT COMMISSION BOARD MEMBERS CC: JIM RUDELLAT, HARBOR MASTER

FROM: JODY WEAVER, INTERIM CITY MANAGER

SUBJECT: DISCUSS POTENTIAL CAPITAL IMPROVEMENT PROJECT TO BULKHEAD THE NORTH SIDE OF SMITH HARBOR PER USACE PERMIT

Background:

Considering the bid unit prices we received for the Downtown Waterfront Access Improvement Project, we are estimating the cost to complete the bulkheading of the north side of Smith Harbor, which we have in-hand a USACE construction permit for, to be approximately \$200,000.

To also construct the 3 additional finger piers and mooring piles that are shown in the permit drawings, would be approximately \$115,000.

We will have a better idea of what the cost will be to complete the parking and cul-de-sac area once we receive bids for the Nautical Landings Parking Improvements.

Financial Impact:

As of the end of the current fiscal year, we are projected to have \$1.25M available to spend on capital improvement projects.

So the question is, at this time, does the Port Commission want to go ahead and contract with Urban Engineering to prepare a bid package to construct the remaining Smith Harbor bulkheading that is permitted? The additional finger pier and mooring piles can be included as alternates. The design can include a conceptual design of future improvements to the parking and cul-de-sac.

We would coordinate the design with Poor Boy bait as the project will require them to relocate their leased tract further east to the 50' x 30' bulkeaded tract

Recommendation:

Staff is recommending to the Port Commission to authorize staff to solicit a Task Order from Urban Engineering for consideration and approval by the Port Commission at the September 16 regular meeting. If required, the Task Order can be approved by Council at the October 13 regular meeting.

Attachments:

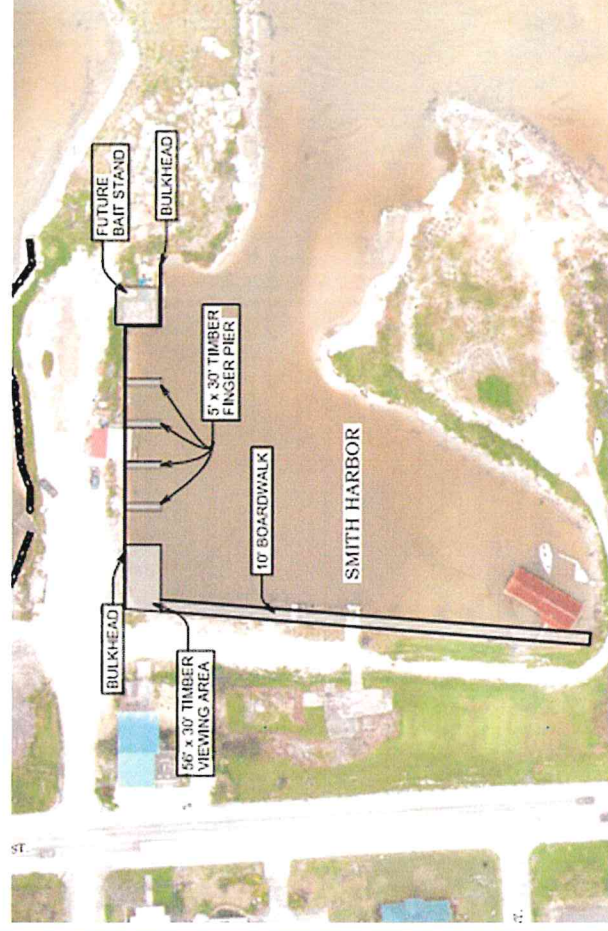
- CIP summary sheet for Bulkheading along the North Side of Smith Road.
- Bid Tabulation of recent Downtown waterfront Public Access Improvement
- USCOE permitted site plan
- Overall Smith Harbor Masterplan Site Plan

FY 2026-2030 Capital Improvement Program
Smith Harbor

Bulkheading along the North Side of Smith Road

Category	Fund Source	Total Estimated Costs	Expended through FY25	2026	2027	2028	2029	2030
Supporting Economic Development	Port Fund	\$200,000	-	\$200,000	-	-	-	-
	Total	\$200,000	-	\$200,000	-	-	-	-

Project Plan



Description: This project involves the installation of a new bulkhead along the north side of Smith Road to stabilize the shoreline and prevent further erosion. The bulkhead will be constructed using durable marine-grade materials to protect public infrastructure and adjacent properties from tidal impacts, storm surge, and long-term shoreline degradation.

Justification: The north side of Smith Road has experienced significant erosion over time due to wave action and weather events, posing a threat to nearby roadways, utilities, and public spaces. This bulkhead is necessary to ensure long-term structural stability of the area, maintain public safety, and support potential future development along the waterfront. The project aligns with the City's ongoing coastal resilience and infrastructure protection initiatives.

Schedule:

Special Consideration: Environmental permits and coordination with appropriate regulatory agencies will be required prior to construction due to the project's proximity to coastal waters. Additionally, consideration will be given to incorporating features such as riprap toe protection or vegetative elements to minimize environmental impact while enhancing shoreline protection.

BID TABULATION									
CITY OF PORT LAVACA									
DOWNTOWN WATERFRONT PUBLIC ACCESS IMPROVEMENTS PROJECT 1 - BULKHEAD & DOCKS									
BID OPENING: AUGUST 7, 2025									
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	SHIRLEY & SONS CONSTRUCTION CO., INC.		DERRICK CONSTRUCTION CO., INC.		SR TRIDENT, INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
BASE BID									
GENERAL									
1.	Mobilization, Insurance and Bonds (Maximum 10% of Base Bid)	1	LS	\$	25,000.00	\$	9,350.00	\$	43,330.00
	Barbading & Traffic Control (Furnish, Install, Maintain & Remove Signs & Warning Devices) (Includes Flagmen, Traffic Handling, Traffic Control Plan & Temporary Striping)	1	LS	\$	2,000.00	\$	1,000.00	\$	38,625.00
3.	Construction Staking	1	LS	\$	3,000.00	\$	2,200.00	\$	5,270.00
TOTAL GENERAL				\$	30,000.00	\$	12,550.00	\$	87,225.00
IMPROVEMENTS									
	Remove & Dispose of Existing Concrete, Piling, Etc., required for construction	1	LS	\$	10,000.00	\$	4,100.00	\$	9,300.00
5.	Construct Vinyl Bulkhead	125	LF	\$	728.00	\$	1,112.00	\$	2,678.00
6.	Construct Timber Deck (30' x 56')	1	LS	\$	73,000.00	\$	128,000.00	\$	142,250.00
7.	Construct Timber Pier (30' x 5')	1	LS	\$	27,000.00	\$	32,848.00	\$	49,685.00
8.	Construct Mooring Piling	6	EA	\$	1,500.00	\$	366.00	\$	1,270.00
9.	Install Pier Cleat	12	EA	\$	200.00	\$	36.00	\$	850.00
10.	Limestone Base (As Directed By the Engineer)	50	TON	\$	40.00	\$	119.00	\$	205.00
11.	Concrete Sidewalk (6")	1,150	SF	\$	18.00	\$	14.00	\$	25.00
TOTAL IMPROVEMENTS				\$	232,800.00	\$	328,626.00	\$	592,555.00
TOTAL BASE BID				\$	262,800.00	\$	341,176.00	\$	679,780.00
ALTERNATE NO. 1									
A1.	Replace Timber Decking with ThruFlow Decking on Deck	1	LS	\$	12,000.00	\$	27,546.00	\$	22,280.00
A2.	Replace Timber Decking with ThruFlow Decking on Pier	1	LS	\$	3,000.00	\$	5,902.00	\$	2,000.00
TOTAL ALTERNATE NO. 1				\$	15,000.00	\$	33,448.00	\$	24,260.00
TOTAL BASE BID + ALTERNATE NO. 1				\$	277,800.00	\$	374,624.00	\$	704,040.00
CALENDAR DAYS TO SUBSTANTIAL COMPLETION									
				60		90		50	

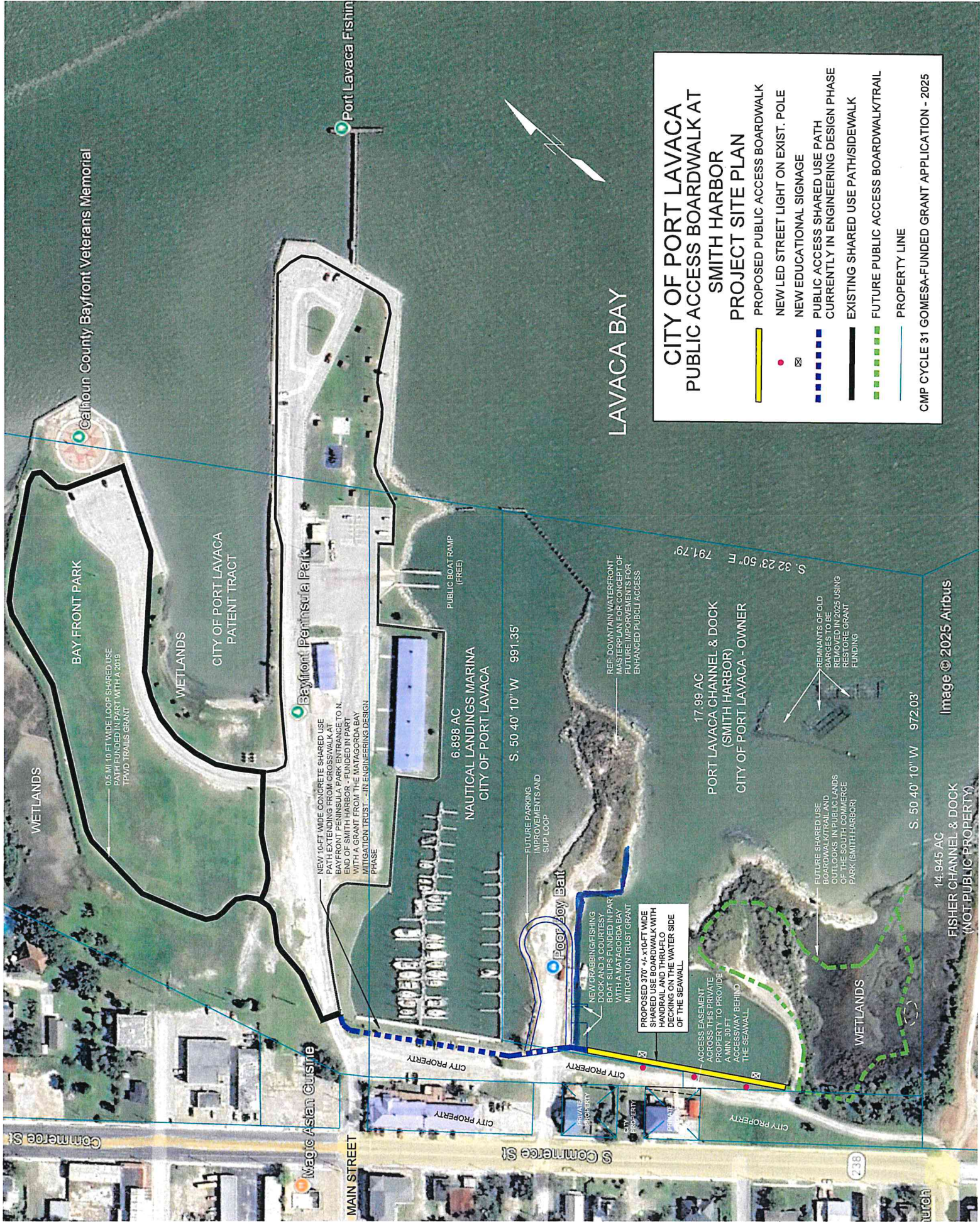


CITY OF PORT LAVACA - DOWNTOWN WATERFRONT ACCESS IMPROVEMENTS

PIER & BULKHEAD PLAN & DETAILS



2004 N. Commerce, Victoria, Texas 77901 • 361.578.9836
urbanvictoria.com • TREF# F-160



CITY OF PORT LAVACA PUBLIC ACCESS BOARDWALK AT SMITH HARBOR PROJECT SITE PLAN

PROPOSED PUBLIC ACCESS BOARDWALK

NEW LED STREET LIGHT ON EXIST. POLE

NEW EDUCATIONAL SIGNAGE

PUBLIC ACCESS SHARED USE PATH
CURRENTLY IN ENGINEERING DESIGN PHASE

EXISTING SHARED USE PATH/SIDEWALK

FUTURE PUBLIC ACCESS BOARDWALK/TRAIL

PROPERTY LINE

CMP CYCLE 31 GOMESA-FUNDED GRANT APPLICATION - 2025

Calloun County Bayfront Veterans Memorial

BAY FRONT PARK

0.5 MI 10 FT WIDE LOOP SHARED USE
PATH FUNDED IN PART WITH A 2019
TPWD TRAILS GRANT

WETLANDS

CITY OF PORT LAVACA
PATENT TRACT

Bayfront Peninsula Park

NEW 10-FT WIDE CONCRETE SHARED USE
PATH EXTENDING FROM CROSSWALK AT
BAYFRONT PENINSULA PARK ENTRANCE TO N.
END OF SMITH HARBOR - FUNDED IN PART
WITH A GRANT FROM THE MATAGORDA BAY
MITIGATION TRUST - IN ENGINEERING DESIGN
PHASE

6,888 AC
NAUTICAL LANDINGS MARINA
CITY OF PORT LAVACA

PUBLIC BOAT RAMP
(FREE)

FUTURE PARKING
IMPROVEMENTS AND
SUP LOOP

S. 50 40' 10" W 991.35'

REF. DOWN TOWN WATERFRONT
MASTER PLAN FOR CONCEPT OF
FUTURE IMPROVEMENTS FOR
ENHANCED PUBLIC ACCESS

NEW GRABBER/FISHING
DOCK AND 3 COURTESY
BOAT SLIPS FUNDED IN PART
WITH A MATAGORDA BAY
MITIGATION TRUST GRANT

PROPOSED 270' x 4' x 10-FT WIDE
SHARED USE BOARDWALK WITH
HANDRAIL AND THRU-FLOR
DECKING ON THE WATER SIDE
OF THE SEAWALL

ACCESS EASEMENT
ACROSS THIS PRIVATE
PROPERTY TO PROVIDE
A MIN. 30 FT
ACCESSWAY BEHIND
THE SEAWALL

17.99 AC
PORT LAVACA CHANNEL & DOCK
(SMITH HARBOR)
CITY OF PORT LAVACA - OWNER

REMNANTS OF OLD
BARGES TO BE
REMOVED IN 2025 USING
RESTORE GRANT
FUNDING

FUTURE SHARED USE
BOARDWALK/TRAIL AND
BOAT SLIPS FUNDED IN PART
WITH A MATAGORDA BAY
MITIGATION TRUST GRANT

WETLANDS

S. 50 40' 10" W 972.03'

14.945 AC

FISHER CHANNEL & DOCK
(NOT PUBLIC PROPERTY)

Image © 2025 Airbus