

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

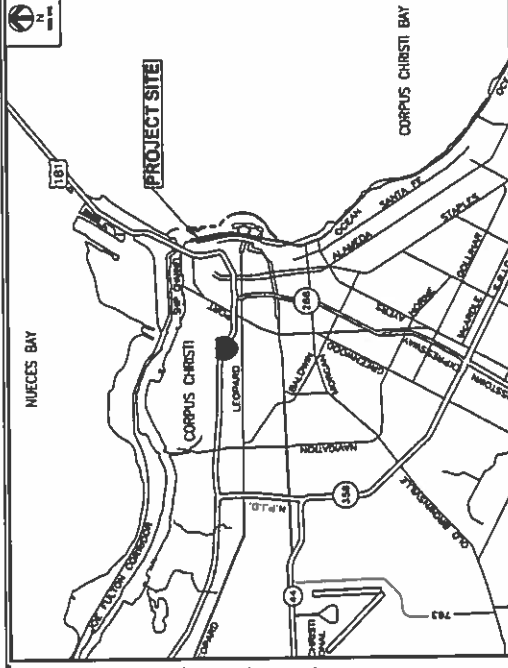
Sequence #16

PROJECT TITLE: Seawall Capital Repairs

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

The Corpus Christi Seawall was originally constructed from 1939 to 1942. With initiation of the Seawall Maintenance sales and use tax, a major project was completed in 2007 (\$43.4 million) to address advanced levels of deterioration of the Seawall system. Funding levels programmed in the CIP are anticipated to address routine maintenance issues. Subsequent major reconstruction is scheduled after expiration of current one-eighth cent sales and use tax. A small A/E will be issued to review current condition of the seawall this FY.



PROJECT NOTES:

Project No. E17041
E11090
Munoz Eng
TBD
A/E Consultant:
Contractor:
Award Design: FY 2017
Award Construction: TBD
Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		100.0	40.0	80.0	40.0	920.0	1,180,000
Construction			400.0	800.0	100.0	2,300.0	3,600,000
Contingency			40.0	80.0	20.0	460.0	600,000
Inspection/Other		100.0	20.0	40.0	40.0	920.0	1,120,000
TOTAL:		200.0	500.0	1,000.0	200.0	4,600.0	\$ 6,500,000
Source of Funds							
Sales Tax Proceeds		200.0	500.0	1,000.0	200.0	4,600.0	6,500,000
TOTAL:		200.0	500.0	1,000.0	200.0	4,600.0	\$ 6,500,000

OPERATIONAL IMPACT:

Providing minor, routine repairs can defer potentially costly major structural reconstruction efforts.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

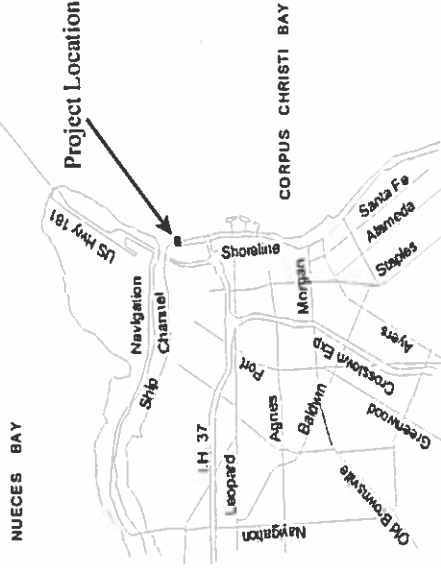
Sequence #17

PROJECT TITLE: Barge Dock Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48:
3 & 6

DESCRIPTION:

The Barge Dock (commonly referred to as the Art Museum Barge Dock) is located on N. Shoreline Boulevard north end of Corpus Christi Seawall adjacent to the Art Museum of South Texas. Its proximity to the entrance of the Port of Corpus Christi, the American Bank Center, Selena Auditorium, the Museum of Science and History and the Art Museum make the Barge Dock an integral part of these facilities. The Barge Dock area consists of a concrete paved area over fill material, contained along Corpus Christi Bay by a sheet-pile supported structure topped with a concrete pile cap. The barge dock is frequently swamped by high tides limiting its usefulness. A previous concept of this project contemplated raising the structure and enhancing its use. The current program includes funds for maintenance activities only.



PROJECT NOTES:

Project No. E03426
3426
A/E Consultant: LJA (RVE)
Contractor: TBD
Award Design: Sept 2012
Award Construction: FY 2017
Anticipated Completion: FY 2018

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering	351.1	500.0	400.0			100.0	451,100
Construction	163.8					900.0	1,963,800
Contingency			50.0			70.0	120,000
Inspection/Other	148.2		50.0			30.0	228,200
TOTAL:	663.1	500.0	500.0			1,100.0	\$ 2,763,100
Source of Funds							
Sales Tax Proceeds	663.1	500.0	500.0			1,100.0	2,763,100
TOTAL:	663.1	500.0	500.0			1,100.0	\$ 2,763,100

OPERATIONAL IMPACT:

There is not a direct operational cost at this time.

PROJECT DESCRIPTION

Sequence #18

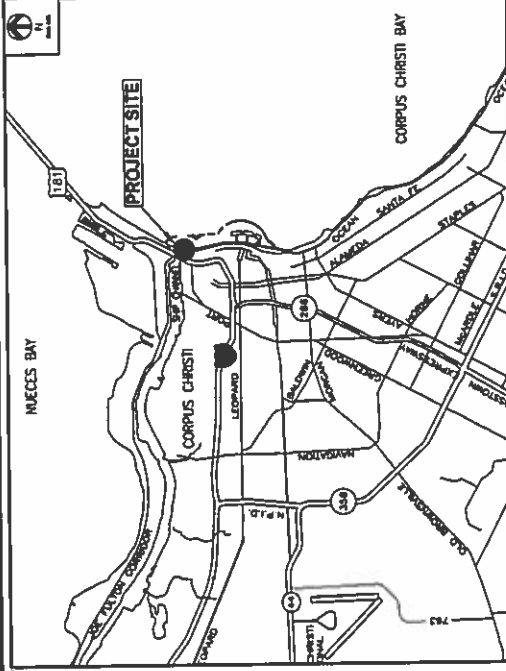
DEPARTMENT: Public Health and Safety

PROJECT TITLE: United States Army Corps of Engineers Bulkhead Repairs

Consistency with the Comprehensive Plan: Policy Statements pg. 48:
3 & 6

DESCRIPTION:

This project will include construction of a new bulkhead along south shoreline of the Corpus Christi Ship Channel from the northern end of the existing floodwall on Port of Corpus Christi Authority (PCCA) property eastward across the United States Army Corps of Engineers (USACE) property and terminating at the northwest corner of recently constructed bulkhead in front of South Texas Art Museum. The low lying areas on the USACE and PCCA property would be filled to an elevation approximately same as that in front of the Art Museum. Area paving could be constructed between the new bulkhead and existing floodwall.



PROJECT NOTES:

Project No. E16317

A/E Consultant: TBD

Contractor: TBD

Award Design: TBD

Award Construction: TBD

Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering				450.0	900.0	100.0	1,450,000
Construction					3,700.0	4,000.0	7,700,000
Contingency				50.0	100.0	400.0	500,000
Inspection/Other					300.0	500.0	850,000
TOTAL:				500.0	5,000.0	5,000.0	\$ 10,500,000
Source of Funds							
Sales Tax Proceeds				500.0	5,000.0	5,000.0	10,500,000
TOTAL:				500.0	5,000.0	5,000.0	\$ 10,500,000

OPERATIONAL IMPACT:

There is no operational impact with this project.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

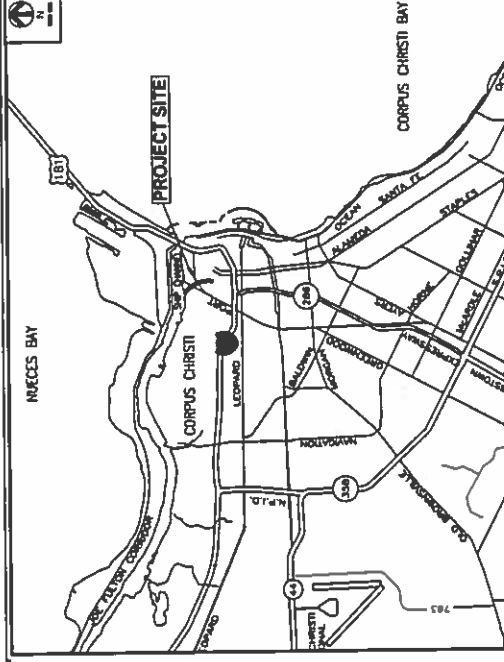
Sequence #19

PROJECT TITLE: Salt Flats Levee Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

The Salt Flats Levee System (originally referred to as the Backwater Levee) is an integral component of the downtown flood protection system. The levee requires improvements and maintenance to ensure system will function as originally designed. The levee is susceptible to various modes of failure. The City is not currently pursuing FEMA accreditation for the Salt Flats Levee, including its accreditation as a freeboard-deficient levee. However, the planned improvements will repair functional deficiencies in the levee.



PROJECT NOTES:

Project No. E12070
E03428
A/E Consultant: HDR
Contractor: TBD
Award Design: FY 2017
Award Construction: TBD
Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering	384.0	150.0	250.0	40.0		250.0	824,000
Construction	48.0	700.0	400.0	400.0		1,400.0	2,798,000
Contingency		70.0	25.0	40.0		150.0	285,000
Inspection/Other	119.5	80.0	25.0	20.0		200.0	444,500
TOTAL:	551.5	1,000.0	300.0	500.0		2,000.0	\$ 4,351,500
Source of Funds							
Sales Tax Proceeds	551.5	1,000.0	300.0	500.0			2,351,500
TOTAL:	551.5	1,000.0	300.0	500.0		2,000.0	\$ 4,351,500

OPERATIONAL IMPACT:

There is not a direct operational cost at this time.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

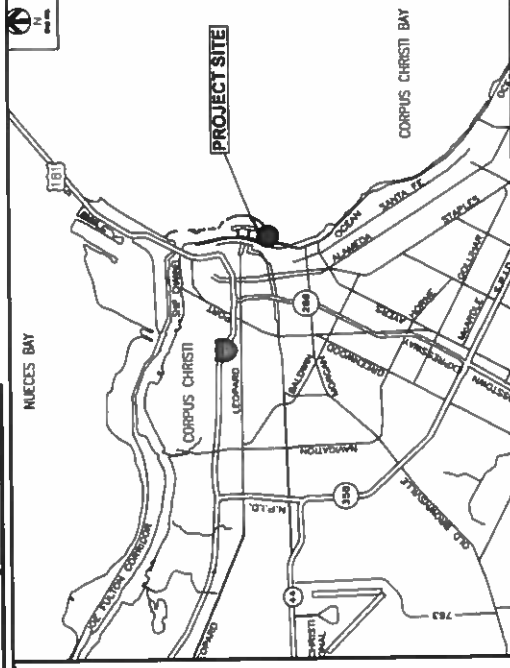
Sequence #20

PROJECT TITLE: Marina Breakwater at McGee Beach Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

Proposed improvements will repair existing McGee Beach Pier and the rock breakwater and concrete cap. Pier repairs consist of structural repair of concrete pier deck understructure, new shade structure, electrical service extension, pier lighting, and breakaway panels on the pier outer structure to slow sand migration. The McGee Beach Pier Improvements are proposed to be completed by the current Design/Build contract for the Bayfront Master Plan, Ph 3. Breakwater repairs consist of demolishing existing, damaged concrete cap, repairing rock breakwater, and installing a new, wider concrete cap. The breakwater improvements will help fortify the seawall against wave attack by preventing failure of the breakwater and excessive erosion of McGee Beach.



PROJECT NOTES:

Project No. Pier: E15152
Breakwater: E16318
A/E Consultant: Pier: ECMS
Breakwater: LAN
Contractor: Pier: Fulton Coastcon
Breakwater: TBD
Award Design: Pier: March 2017
Breakwater: FY 2018
Award Construction: Pier: June 2017
Breakwater: TBD
Anticipated Completion: Pier: FY 2018
Breakwater: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		300.0	1,000.0	1,500.0			300,000
Construction			100.0	150.0			2,500,000
Contingency	23.3	200.0	150.0	350.0			250,000
Inspection/Other							723,300
TOTAL:	23.3	500.0	1,250.0	2,000.0			\$ 3,773,300
Source of Funds							
Sales Tax Proceeds	23.3	500.0	1,250.0	2,000.0			3,773,300
TOTAL:	23.3	500.0	1,250.0	2,000.0			\$ 3,773,300

OPERATIONAL IMPACT:

There is no operational impact with this project.

PROJECT DESCRIPTION

DEPARTMENT: Public Health and Safety

Sequence #21

PROJECT TITLE: McGee Beach Nourishment / Boat Basin Dredging

Consistency with the Comprehensive Plan: Policy Statements pg. 48:
3 & 6

DESCRIPTION:

The proposed improvement consists of nourishing McGee Beach in order to improve potential storm damage reduction at the seawall. A wider beach will help the seawall survive a storm of longer duration or greater intensity. Sand may be trucked in from upland sources, such as quarries near Nueces River, or dredged from the marina or bay. This project would address beach renourishment as well as shoaling issues in the marina.

PROJECT SITE



PROJECT NOTES:

Project No. E16321
A/E Consultant: Govind
Contractor: TBD
Award Design: FY 2017
Award Construction: TBD
Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		100.0				100.0	200,000
Construction				900.0		1,000.0	1,900,000
Contingency				50.0		50.0	100,000
Inspection/Other		100.0		50.0		50.0	200,000
TOTAL:		200.0		1,000.0		1,200.0	\$ 2,400,000
Source of Funds							
Sales Tax Proceeds		200.0		1,000.0		1,200.0	2,400,000
TOTAL:		200.0		1,000.0		1,200.0	\$ 2,400,000

OPERATIONAL IMPACT:

There is no operational impact with this project.

PROJECT DESCRIPTION

Sequence #22

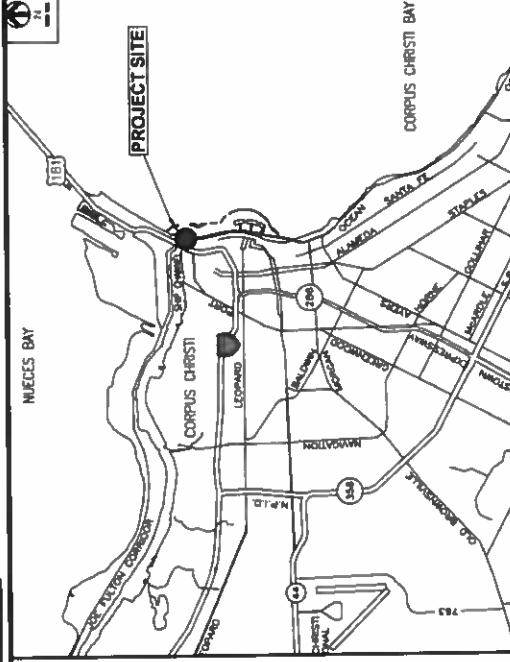
DEPARTMENT: Public Health and Safety

PROJECT TITLE: Science & History Museum Flood Wall

Consistency with the Comprehensive Plan: Policy Statements pg. 48:
3 & 6

DESCRIPTION:

This recommended improvement is to construct a new floodwall (or a coastal structure) that would extend from the Promenade under the Harbor Bridge to the USACE Bulkhead. This project would also backfill the triangular area between the new wall and existing wall location, to make it function more like a coastal structure and provide additional land area for future use.



PROJECT NOTES:

Project No. E16319
A/E Consultant: HDR Eng.
Contractor: TBD
Award Design: FY 2017
Award Construction: TBD
Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		150.0	900.0	900.0			150,000
Construction		250.0	50.0	50.0			2,050,000
Contingency		25.0	50.0	50.0			125,000
Inspection/Other		75.0					175,000
TOTAL:		500.0	1,000.0	1,000.0			\$ 2,500,000
Source of Funds							
Sales Tax Proceeds		500.0	1,000.0	1,000.0			2,500,000
TOTAL:		500.0	1,000.0	1,000.0			\$ 2,500,000

OPERATIONAL IMPACT:

There is no operational impact with this project.

PROJECT DESCRIPTION

Sequence #23

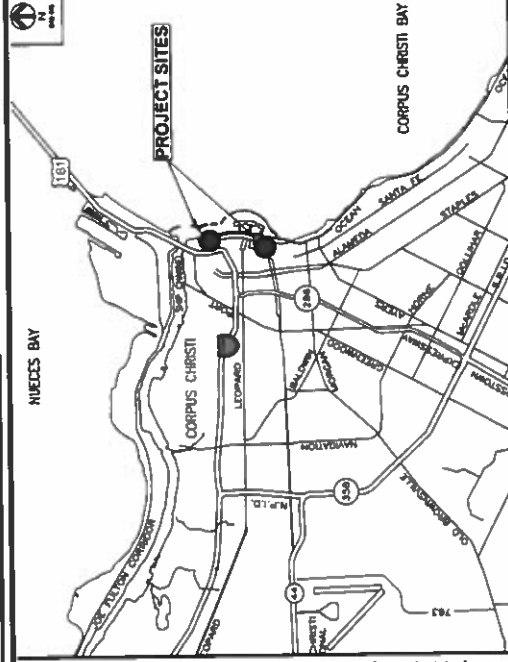
DEPARTMENT: Public Health and Safety

PROJECT TITLE: Kinney & Power Street Pump Station Improvements

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

DESCRIPTION:

The Power Street Pump Station was originally constructed in 1947 as part of the Bayfront Protection. It has 3 pumps with diesel powered motors. The Kinney Street Pump Station was also constructed in 1947, and reconstructed in 2009. It has 5 pumps with electric motors that are dependent on the 3 generators inside. One redundant pump is located on site. The downtown flood protection system relies on these two pump stations to remove all water from the area during a significant storm event. Preliminary studies have indicated that the pumping capacity would not be adequate to handle rainfall, inflow and wave overtopping during a 100-year storm event. Planned 2D modelling will help to better define demands that would be placed on the system during significant storm events. This project would enhance reliability and capacity of the downtown storm water pumping system.



PROJECT NOTES:

Project No. E16320
A/E Consultant: Urban Eng.
Contractor: TBD
Award Design: FY 2017
Award Construction: TBD
Anticipated Completion: TBD

FUNDING SCHEDULE (Amount in 000's)

Use of Funds	Project-to-Date Obligations July 2017	Unspent Prior Budget as of July 2017	CIP Budget Year 1 2017 - 2018	Year 2 2018 - 2019	Year 3 2019 - 2020	Future Budget Required (Years 4 - 10)	Total Project Value (Amounts in \$'s)
Design & Engineering		400.0	300.0	1,500.0	2,500.0	200.0	900,000
Construction			100.0	1,500.0	250.0	1,500.0	5,600,000
Contingency		100.0	10.0	150.0	250.0	150.0	560,000
Inspection/Other			90.0	150.0	250.0	150.0	740,000
TOTAL:		500.0	500.0	1,800.0	3,000.0	2,000.0	\$ 7,800,000
Source of Funds							
Sales Tax Proceeds		500.0	500.0	1,800.0	3,000.0	2,000.0	7,800,000
TOTAL:		500.0	500.0	1,800.0	3,000.0	2,000.0	\$ 7,800,000

OPERATIONAL IMPACT:

This project will improve operational efficiencies, save money on electrical costs, and reduce flooding in the downtown area during heavy rain conditions.