

## PROPOSED CAPITAL IMPROVEMENT PROJECTS

**Project Title:** STATE HIGHWAY 146 SANITARY SEWER IMPROVEMENTS

**Project Location/Limits:**

**CIP Number:** WW8

**Facility Type:** WASTEWATER

### Project Description and Justification

The purpose of this project is to relocate the existing wastewater line facilities with the existing TxDOT SH146 ROW to a location outside of the new proposed highway improvements.

### Project Cost Estimates:

COST BY FISCAL YEAR							
Project Cost	Prior Funding	FY19	FY20	FY21	FY22	FY23+	TOTAL
Engineering/Planning	\$ 137,665	\$ 137,665					\$ 275,330
Land/Easements Acq.							\$ -
Construction		\$ 1,193,515	\$ 1,193,515				\$ 2,387,030
<b>Total Cost</b>	<b>\$ 137,665</b>	<b>\$ 1,331,180</b>	<b>\$ 1,193,515</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,662,360</b>
FUNDING SOURCES BY FISCAL YEAR							
Funding Source	Prior Funding	FY19	FY20	FY21	FY22	FY23+	TOTAL
General Fund -Cash							\$ -
Certificates of Obligation							\$ -
Prior Certificates of Obligation							\$ -
General Obligation Bonds							\$ -
Prior Bonds							\$ -
Future Bonds							\$ -
SEDC 4B Funds							\$ -
Water/Sewer Revenue Bonds							\$ -
Enterprise Utility Fund - Cash							\$ -
Impact Fees							\$ -
Developer Contribution							\$ -
Potential Grant							\$ -
Other: ____ (Fund/Agency)							\$ -
<b>Total Funding</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

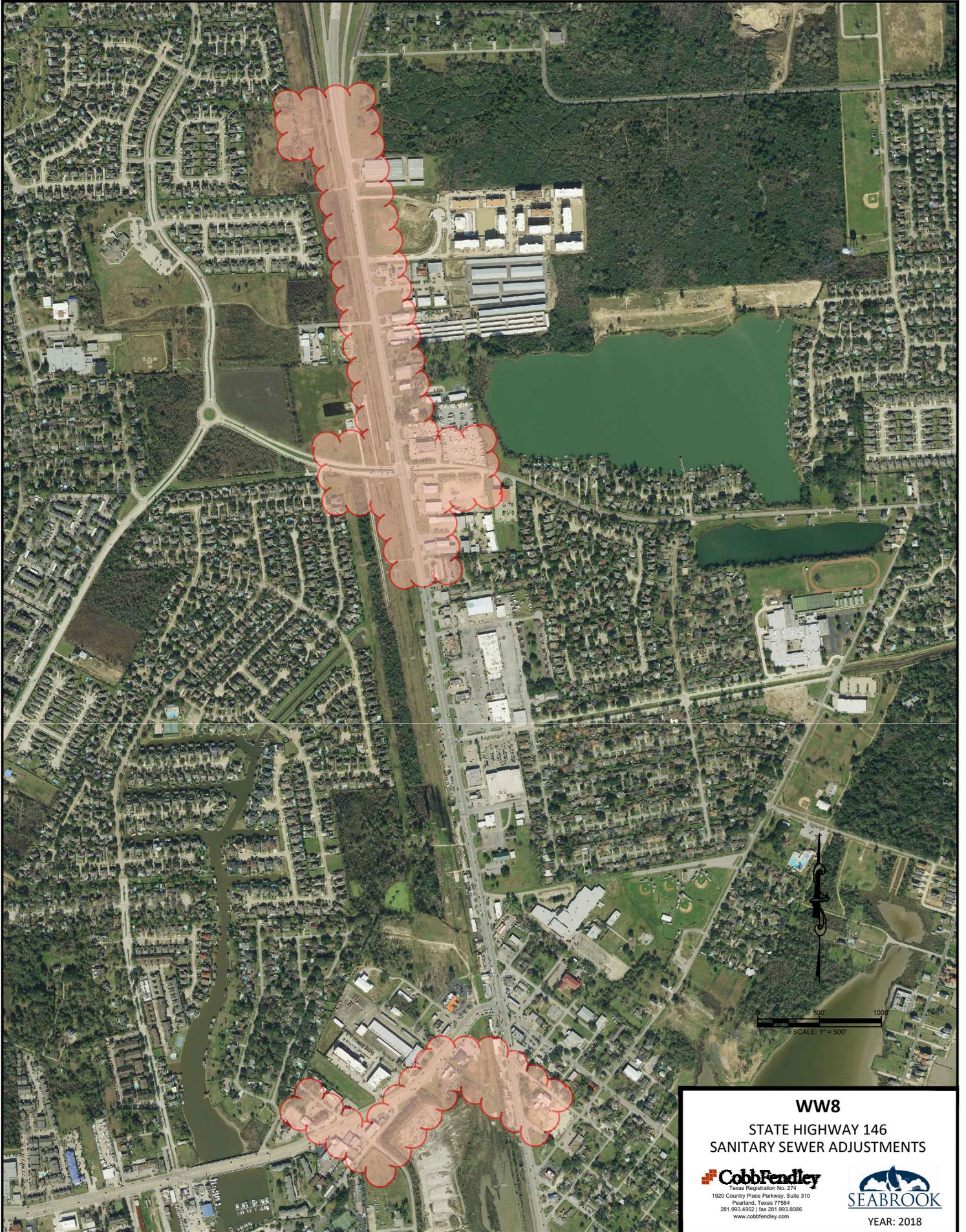
### Opinion of Probable Construction Cost Estimate

Description	Quantity	Unit	Unit Price	Total Cost
Concrete	10	CY	\$ 87.00	\$ 870.00
12-Inch Sanitary Sewer	3558	LF	\$ 235.00	\$ 836,130.00
18-Inch Sanitary Sewer	233	LF	\$ 322.00	\$ 75,026.00
Sanitary Manhole	8	EA	\$ 5,425.00	\$ 43,400.00
Sanitary Manhole w/ Drop	3	EA	\$ 6,150.00	\$ 18,450.00
Tie Existing Sanitary Sewer to Prop Manhole	4	EA	\$ 3,700.00	\$ 14,800.00
Connection to Existing Manhole	2	EA	\$ 2,400.00	\$ 4,800.00
Abandon 10-Inch Sanitary Sewer	2	EA	\$ 30,000.00	\$ 60,000.00
Abandon 12-Inch Sanitary Sewer	2	EA	\$ 40,000.00	\$ 80,000.00
6-Inch Force Main	225	LF	\$ 87.00	\$ 19,575.00
10-Inch Force Main	3957	LF	\$ 96.00	\$ 379,872.00
16-Inch Force Main	321	LF	\$ 121.00	\$ 38,841.00
22-Inch Steel (Auger)	572	LF	\$ 725.00	\$ 414,700.00
28-Inch Steel (Auger)	186	LF	\$ 900.00	\$ 167,400.00
Air Release Valve & Manhole	2	EA	\$ 8,075.00	\$ 16,150.00
Force Main Connection	5	EA	\$ 3,200.00	\$ 16,000.00
Abandon Sanitary Sewer	1	LS	\$ 1,515.00	\$ 1,515.00

Bypass Pumping	1	LS	\$	199,500.00	\$	199,500.00
<b>Construction Total</b>					<b>\$</b>	<b>2,387,029.00</b>

**Comments/Special Project Notes:**

The plan is to included these utility improvements with the TxDOT plans for there contractor to install, instead of the City bidding it out as a separate project. The benefit for this approach is that it will eliminate the unknown timing of each property acquisition where the new utilities will be laid.



**WW8**  
STATE HIGHWAY 146  
SANITARY SEWER ADJUSTMENTS

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**SEABROOK**  
YEAR: 2018