

Port of Corpus Christi Ship Channel 16" Waterline Removal and Replacement



City Council Presentation
February 19, 2019



POCCA 16" Waterline Presentation Outline

- Channel Expansion Project Overview
- Proposed Plan
- Estimated Cost of Construction



POCCA 16" Waterline Channel Expansion Project Overview



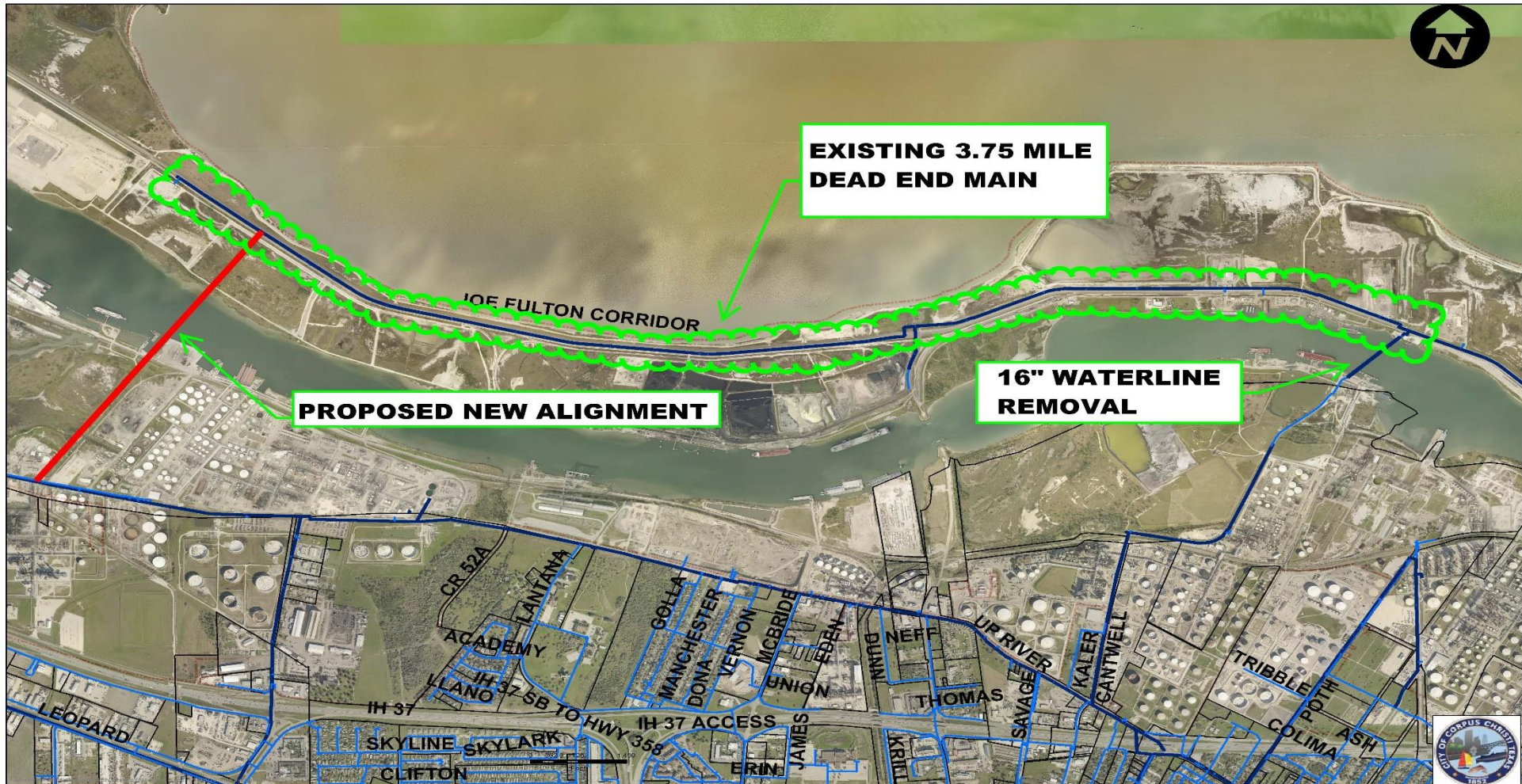


POCCA 16" Waterline Project Overview

- City received directive from the US Army Corps of Engineers on April 23, 2018 to remove our two existing 16" waterlines at Avery Point by January 1, 2019.
 - City responded to the directive on June 13, 2018 stating multiple reasons why 1/1/19 was not a realistic timeline and asked for an extension until June 1, 2020. We have received verbal agreement on the extension but nothing in writing.
 - City has procured a consultant and design is underway for a solution.
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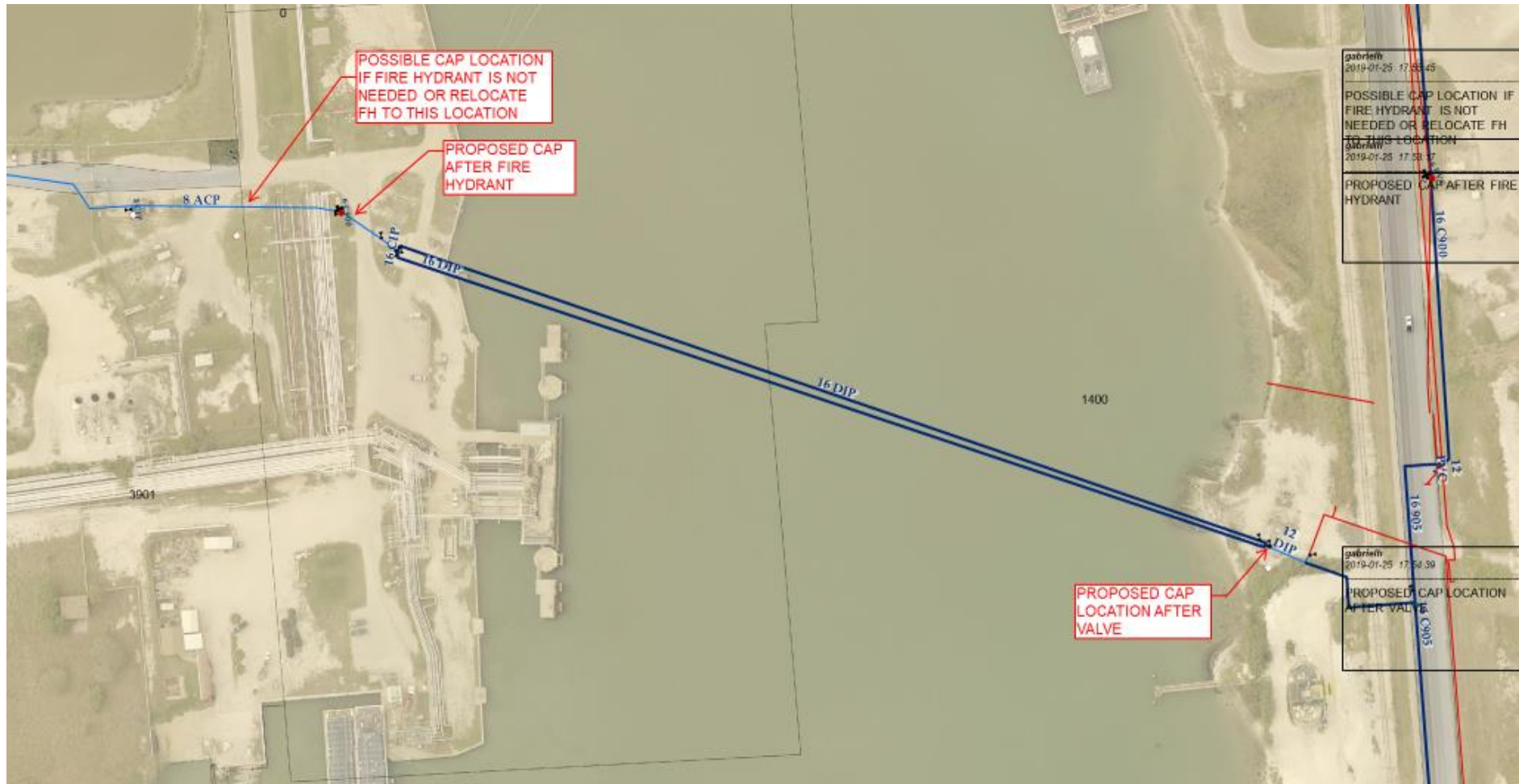


POCCA 16" Waterline Proposed Plan





POCCA 16" Waterline Proposed Plan

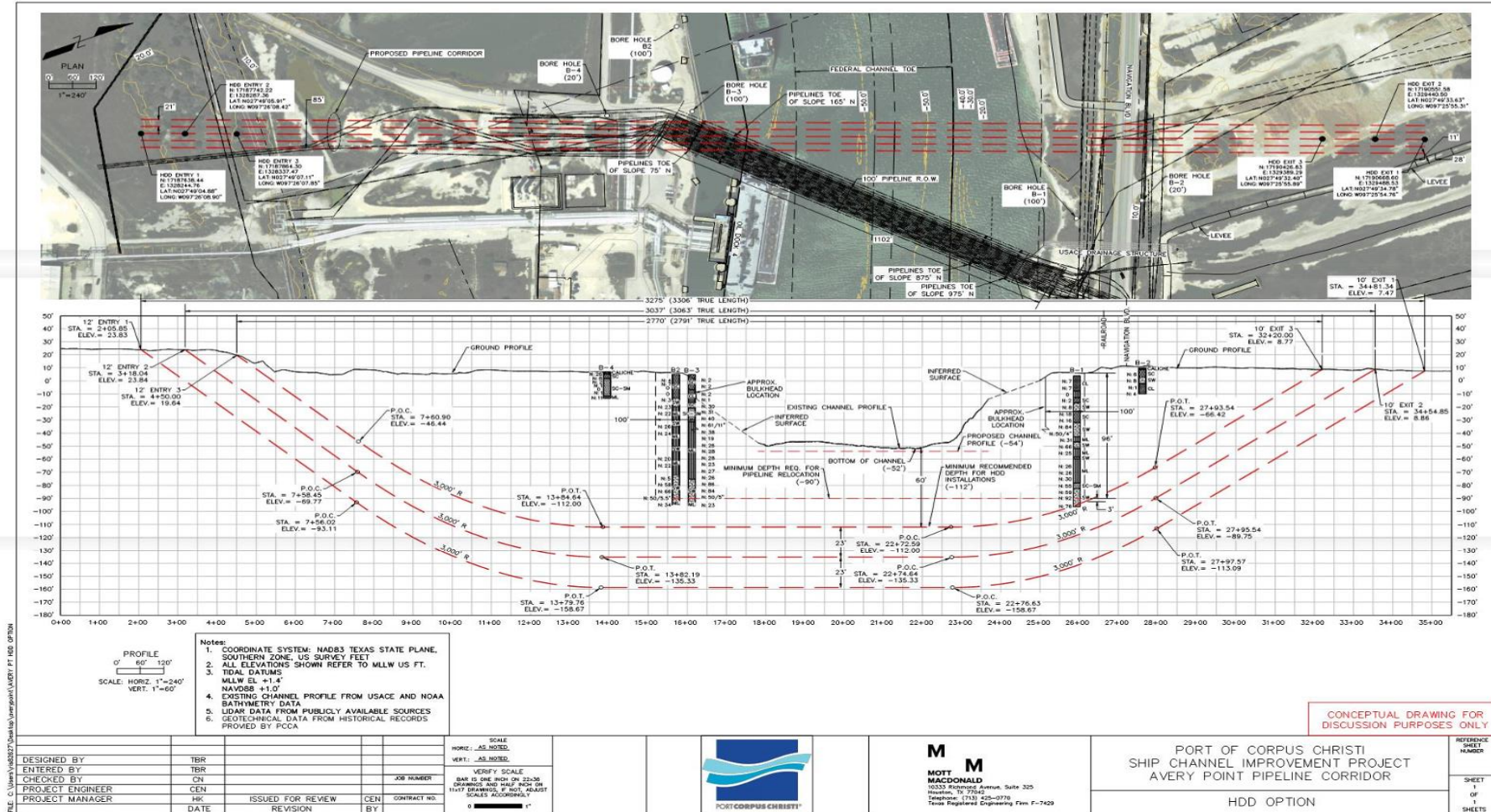




POCCA 16" Waterline Removal Plan

Line ID #	Pipeline Owner	Size
E18-1	Southcross	6"
E19-2	Enterprise	10"
E20-3	Enterprise	14"
E21-4	Nustar	6"
E22-5	City of CC	16"
E23-6	City of CC	16"
E24-7	Southcross	6"
E25-8	Enterprise	6"
E26-9	Houston Pipeline Company (leased to Air	12"
E27-10	Houston Pipeline Company (leased to Air	12"
E28-11	Enterprise	12"
E29-12	Enterprise	8"
E30-13	Southwest Midstream Partners LLC	6"
E31-14	CITGO	6"
E32-15	Enerfin	6"
E33-16	Nustar	8"
E34-17	Southwest Midstream Partners LLC	8"
E35-18	CITGO	8"
E36-19	PPG	6"
E37-20	PPG	12"
E38-21	PPG	12"
E39-22	PPG	30"
E40-23	PPG	10"
E41-24	PPG	10"
E42-25	Enterprise	2 1/2" in 4"
E43-26	PPG	6"
E44-27	AEP	5"
E45-28	AEP	5 1/2"
E46-29	AEP	5 9/16"

- The City has 2 of 29 Pipelines to be removed at Avery Point.
- Currently working with the other owners thru the Port to take advantage of economy of scale in having one single contractor.
- Many unknown risks will be taken by the contractor on removing these lines.
- Removal can occur prior to installing replacement line.





POCCA 16" Waterline Estimated Construction Cost

Action	Cost
Removal of Waterlines	\$3M - \$4M
Construction of New Waterline	\$3.1M - \$4.3M
Total Project Cost	*\$6.1M - \$8.3M
*Cost Does Not Include Land Acquisition	