



P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

ENVIRONMENTAL DETERMINATION

TO: File

FROM: T. Clay Schultz, Ph.D., Director, Regional Water Project Development

SUBJECT: Coastal Water Authority, Harris County, Texas
TWDB SWIFT Project No. 51090
CWA Transmission Expansion (WMS-4009)
Total Commitment Amount: \$320,000,000
Loan LM2401811, LM2501811, LM2601811, LM2701811, LM2801811

The environmental review for the Coastal Water Authority's (Authority) proposed CWA Transmission Expansion (WMS-4009) project has been completed consistent with 31 Texas Administrative Code (TAC) § 363.14. The Authority is proposing to use \$320,000,000 in financing from the State Water Implementation Fund for Texas (SWIFT) to install approximately 16 miles of pipeline, varying in diameter from 48 inches to 96 inches, to be located primarily within existing CWA easements. The proposed B2 pipeline will be installed parallel and adjacent to the existing B1 raw water pipeline, which was installed in the early 1970s. The proposed project will also include connections to existing raw water pipeline systems and plant sites. The Texas Water Development Board (TWDB) committed this financing on July 23, 2024. The Authority closed on a portion of this financing on November 20, 2024. Closings will be spaced out until 2028, as the funds are needed.

This environmental review is documented by the enclosed Environmental Determination (ED), which contains mitigative environmental conditions that will be applied to the project to avoid significant adverse impact on waters of the U.S., floodplains, cultural or historical resources, threatened or endangered species, and protected migratory bird species.

Based on a detailed environmental review of the planning information, the Environmental Data Form received by the TWDB on April 9, 2025, with the supplementary materials submitted to the TWDB on June 27, 2025, the project meets the requirements of 31 TAC § 363.14 with the following special and standard environmental conditions:

Special Environmental Conditions

- Consistent with Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899, the proposed project will comply with the terms and conditions of United States Army Corps of Engineers Nationwide Permit 58 for Utility Line Activities for Water and Other Substances (USACE No. SWG-2025-00216), as well

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as NWP General/Regional Conditions, Section 401 Water Quality Certification, and the Coastal Management Program.

- Consistent with the Flood Insurance Reform Act of 2004, federal Executive Order 11988 as amended by EO 13690, Texas Water Code Section 16.315, and local floodplain development ordinances, a floodplain development permit will be obtained from the local floodplain administrator prior to construction in, across, or under a Special Flood Hazard Area, and any requirements contained therein will be adhered to.

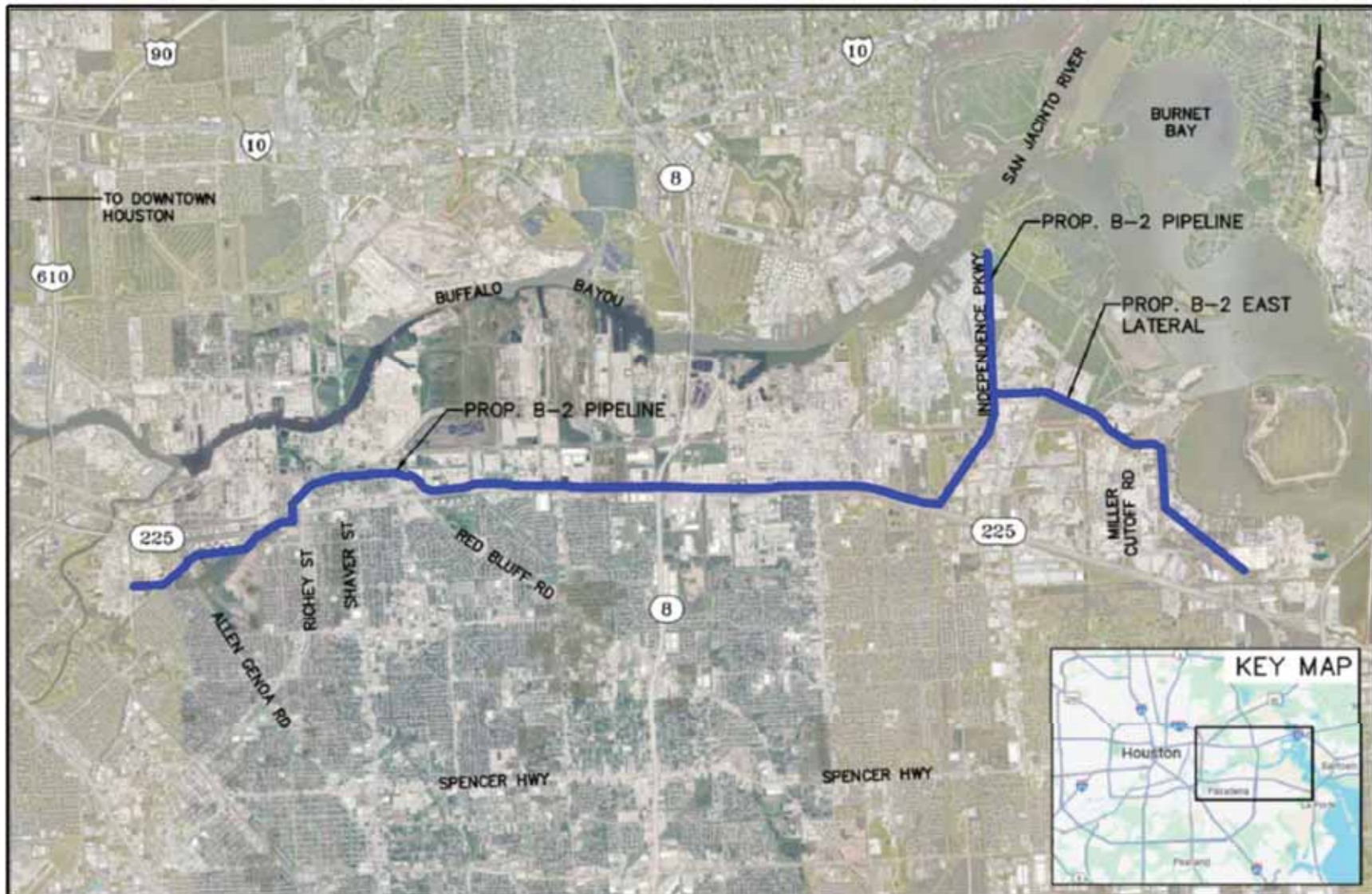
Standard Environmental Conditions

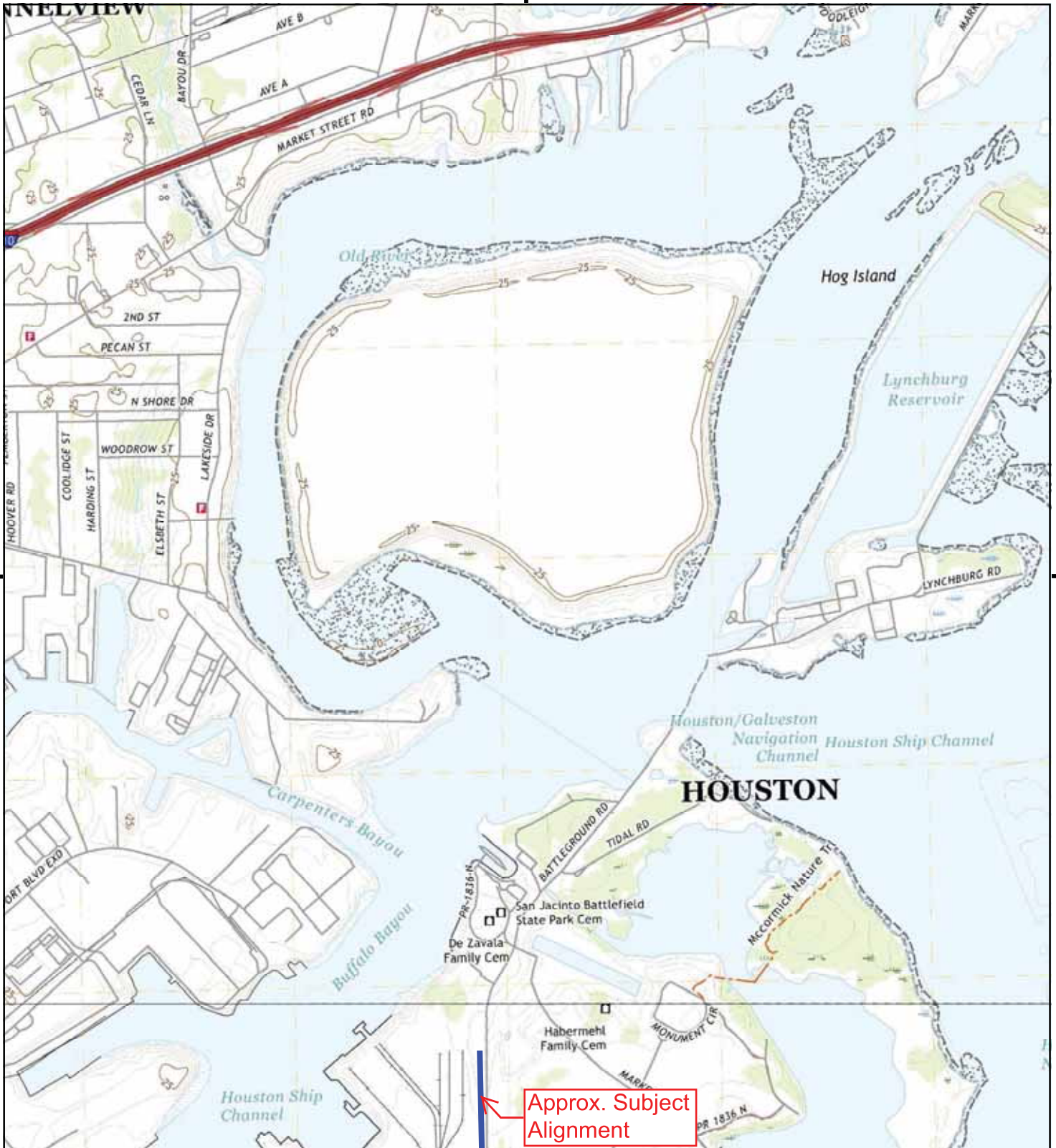
- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0552), the Project will abide by the standard emergency condition for the discovery of cultural resources.
- Consistent with the TWDB Supplemental Construction Contract Conditions (TWDB-0552), the Project will abide by the standard emergency condition for the discovery of threatened and endangered species.

With the addition of these requirements, design funds may be released once all other requirements are satisfied.

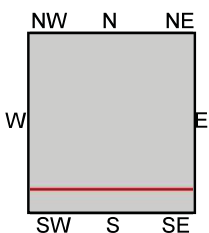
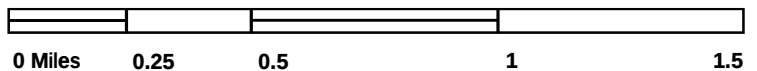
Enclosures

ATTACHMENT A – REGIONAL LOCATION MAP





This report includes information from the following map sheet(s).

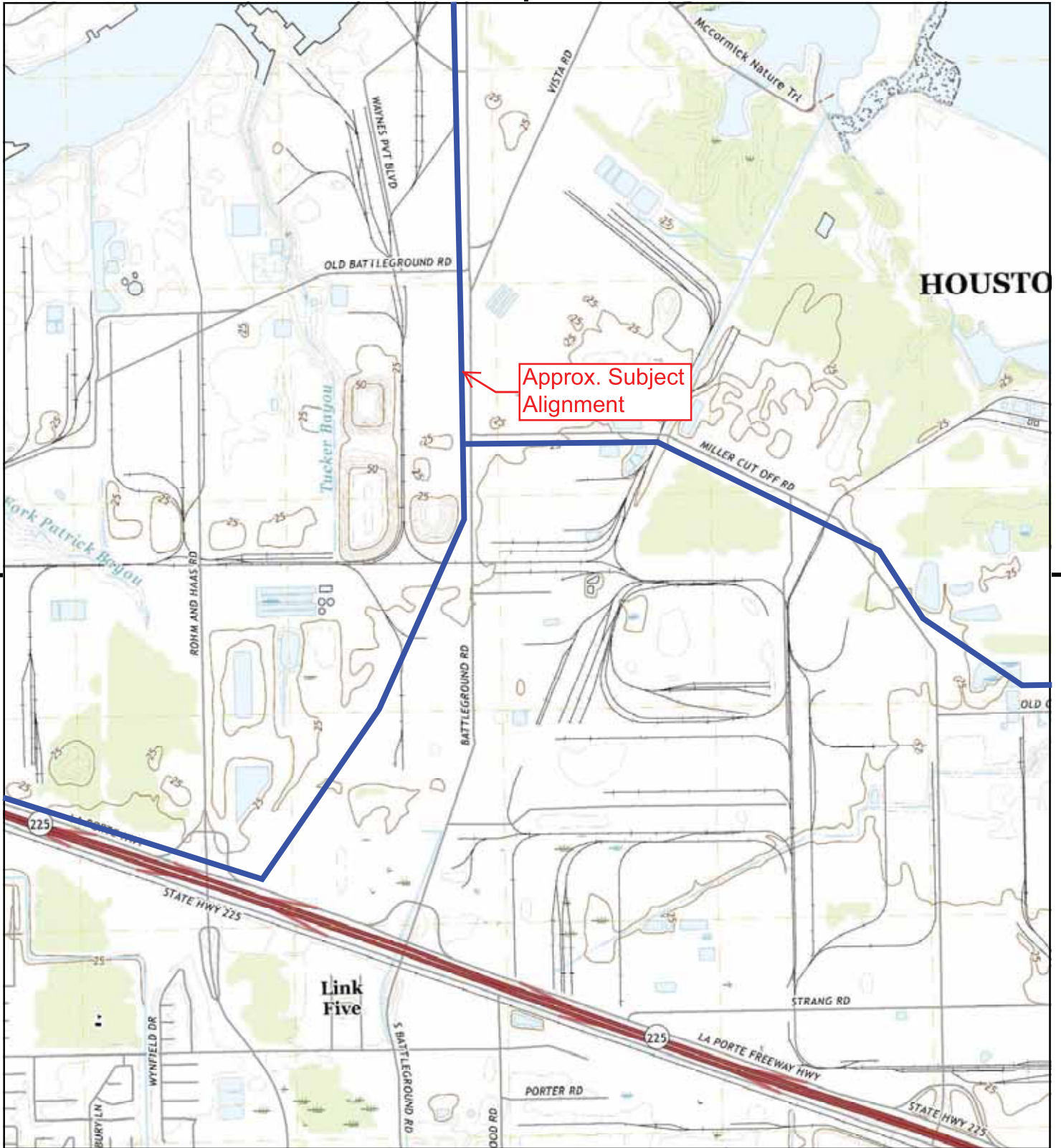


TP, Highlands, 2022, 7.5-minute
S, La Porte, 2022, 7.5-minute

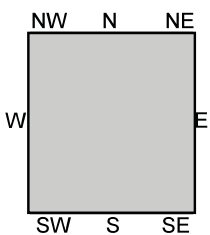
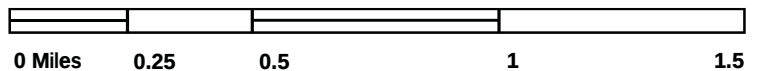
SITE NAME: CWA B-2 Pipeline - 1130040001
ADDRESS: Along Independence Pkwy and Highway :
 Deer Park, TX 77536
CLIENT: Geotest Engineering Inc.



FIGURE 2.1



This report includes information from the following map sheet(s).

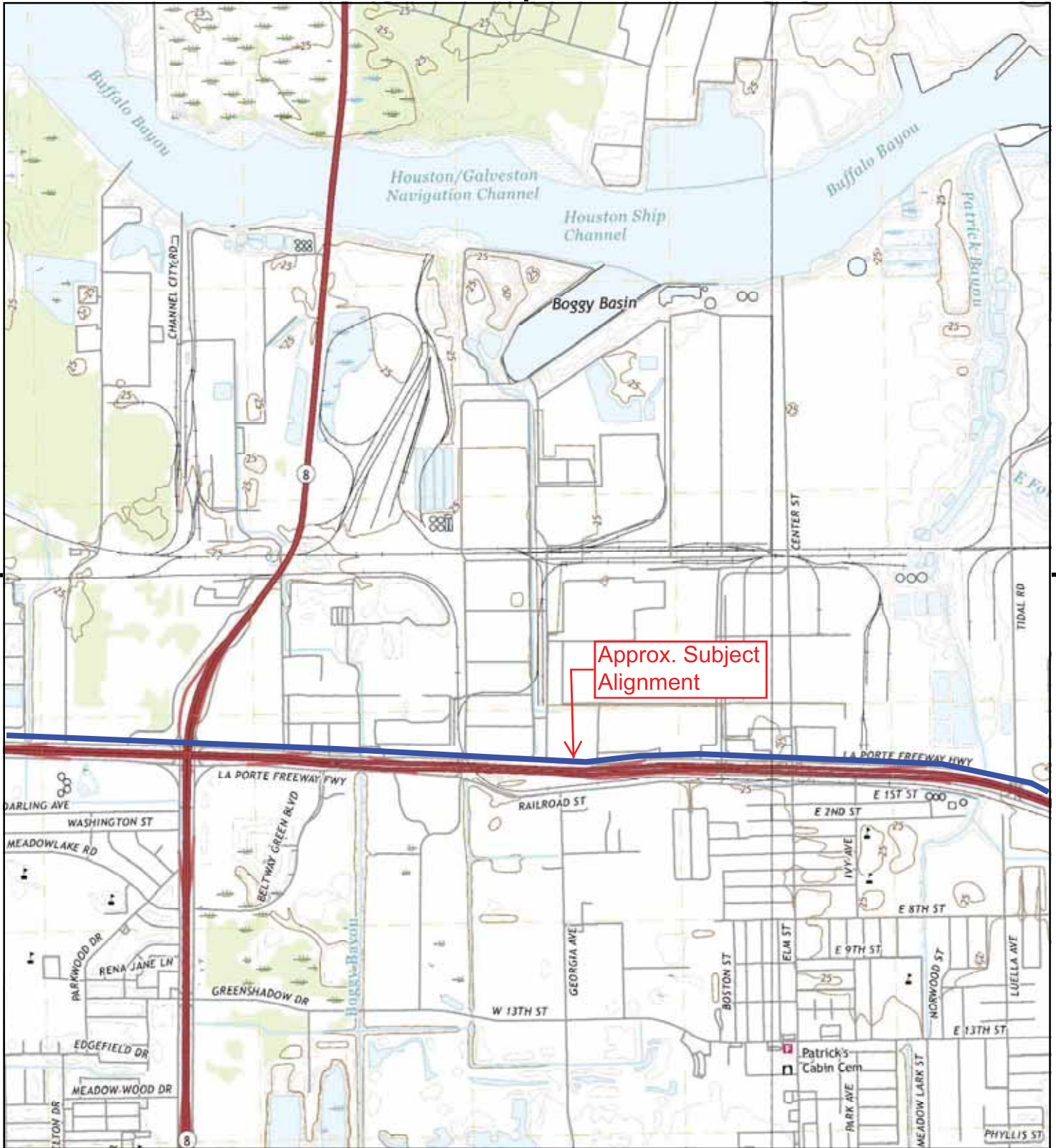


TP, La Porte, 2022, 7.5-minute

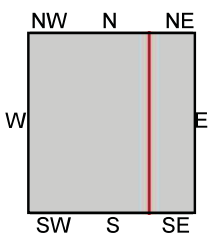
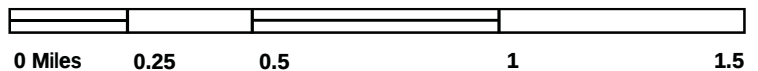
SITE NAME: CWA B-2 Pipeline - 1130040001
ADDRESS: Along Independence Pkwy and Highway :
 Deer Park, TX 77536
CLIENT: Geotest Engineering Inc.



FIGURE 2.1a



This report includes information from the following map sheet(s).



TP, Pasadena, 2022, 7.5-minute
SE, La Porte, 2022, 7.5-minute

SITE NAME: CWA B-2 Pipeline - 1130040001
ADDRESS: Along Independence Pkwy and Highway :
Deer Park, TX 77536
CLIENT: Geotest Engineering Inc.



FIGURE 2.1b

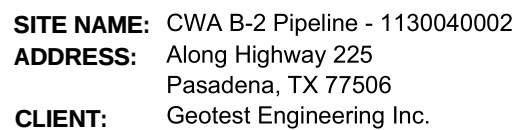
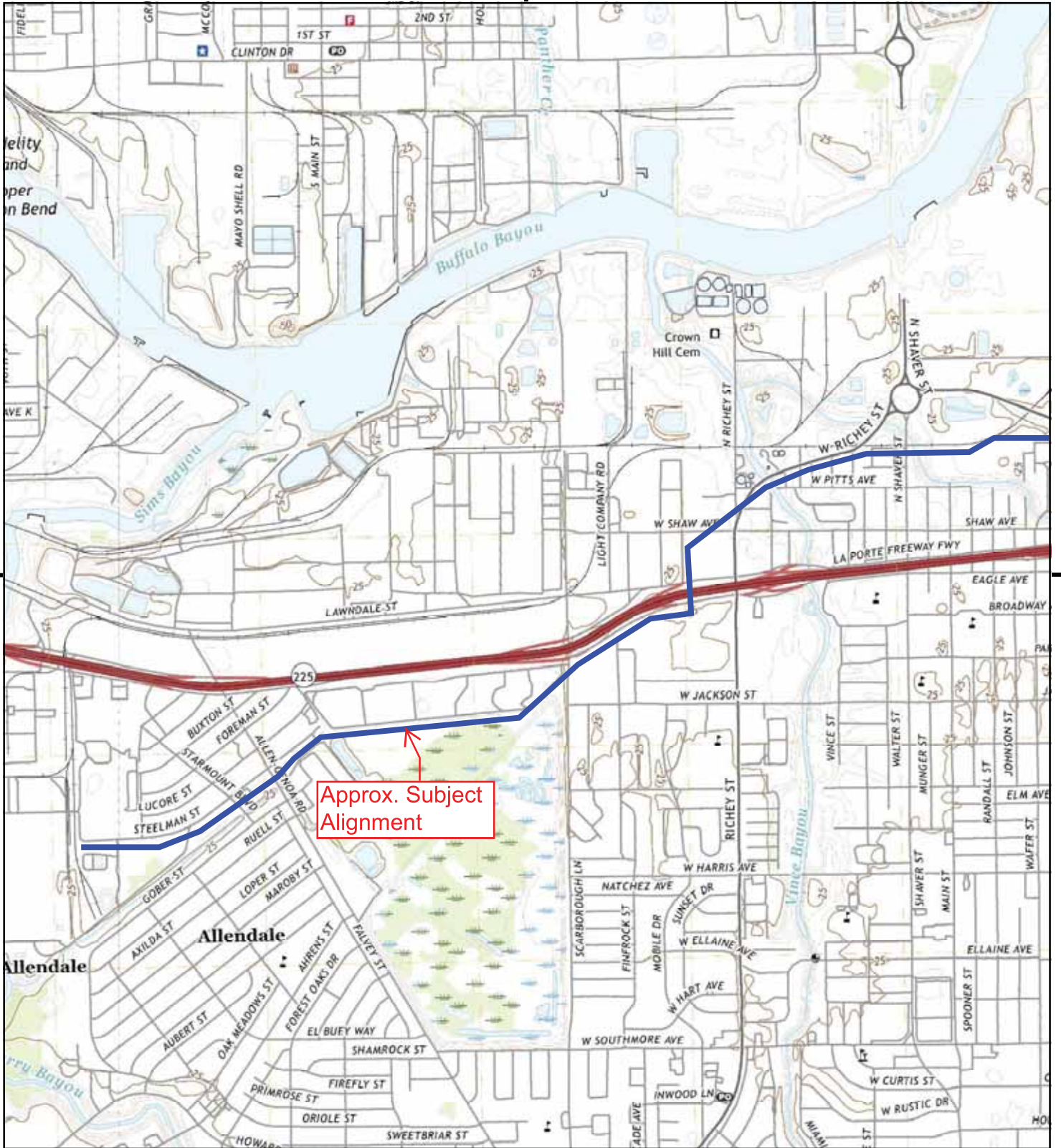
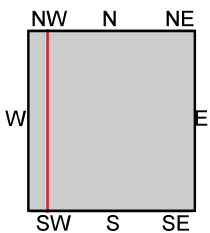
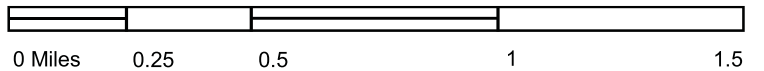


FIGURE 2.1a



This report includes information from the following map sheet(s).

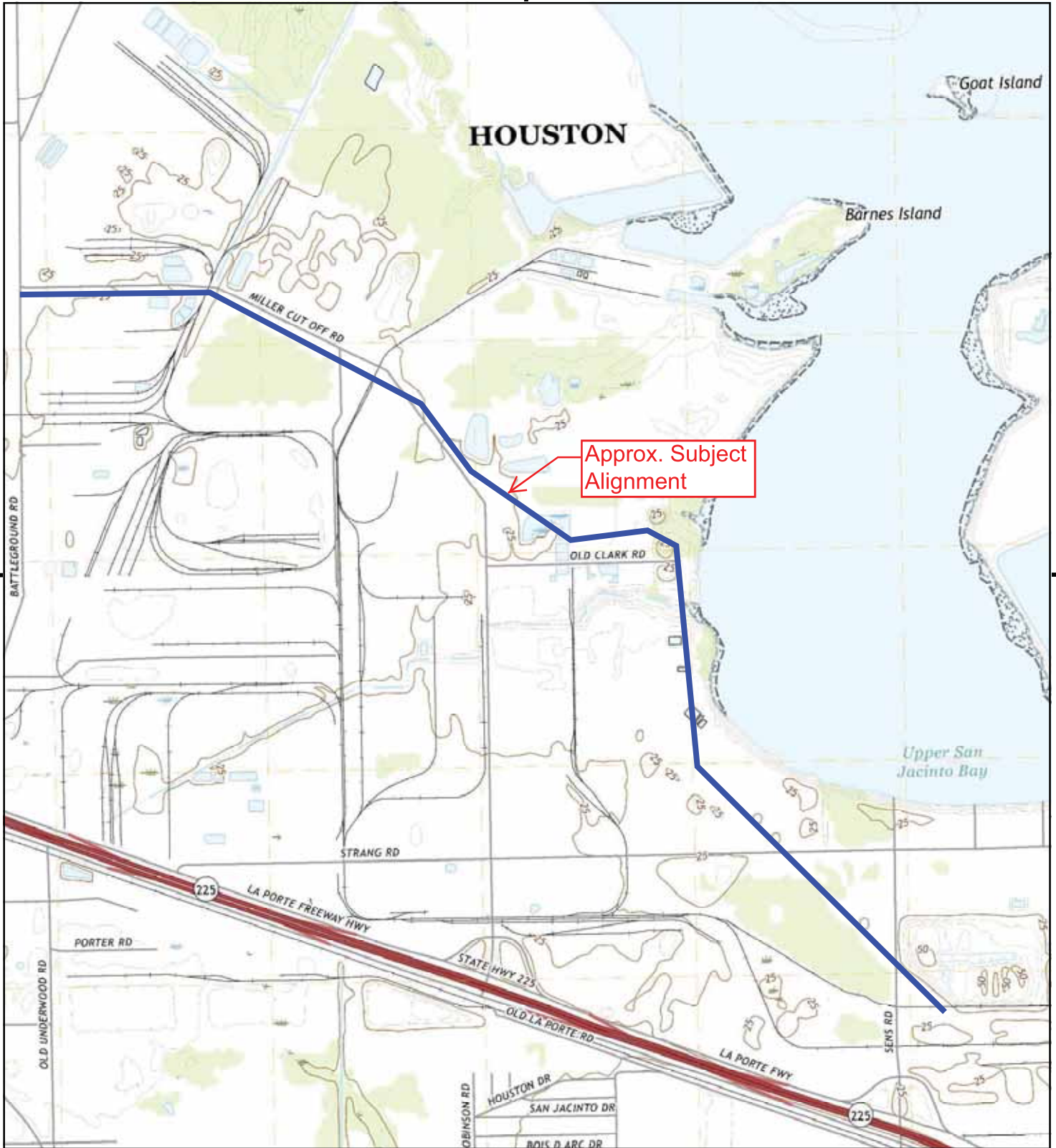


TP, Pasadena, 2022, 7.5-minute
W, Park Place, 2022, 7.5-minute

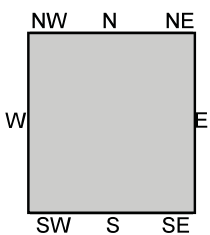
SITE NAME: CWA B-2 Pipeline - 1130040002
ADDRESS: Along Highway 225
Pasadena, TX 77506
CLIENT: Geotest Engineering Inc.



FIGURE 2.1b



This report includes information from the following map sheet(s).



TP, La Porte, 2022, 7.5-minute

SITE NAME: CWA B-2 Pipeline - 1130040003
ADDRESS: Along Miller Cutoff Rd
 LA Porte, TX 77571
CLIENT: Geotest Engineering Inc.



FIGURE 2.1

ATTACHMENT C – PROJECT LAYOUT

