

The background of the slide is a composite of three aerial photographs. The left side shows a multi-lane highway with several cars and a large white truck. The right side shows a roundabout with cars and a building with a green sign that says "TOOKIE'S". The center is a semi-transparent white area containing the main title and subtitle.

SH 146 and City Update

Friends of the Library
April 27, 2021



SCOPE OF THE PROJECT

- Widen from 4 lane with center-turn-lane to 6-lanes with 4-lane express lanes and 2 2-lane frontage road
- Projected construction cost \$201M
- Project Let May 2018
- Construction Start February 13th, 2019
- Project duration originally 5 years
- Anticipated completion in 4 years (May 2023)

Phases



TEXAS DEPARTMENT OF TRANSPORTATION

Phase 1: ← **Current Phase (Feb 2019 to Sept 2021*)**

Widen existing NB Clear Creek bridge and build new NB Frontage Road in Seabrook

Phase 2: ← **Current Phase (July 2020 to July 2022*)**

Widen existing SB Clear Creek bridge, build new SB Frontage Road, and build majority of new Express bridge

Phase 3: (August 2020 to Feb 2023*)

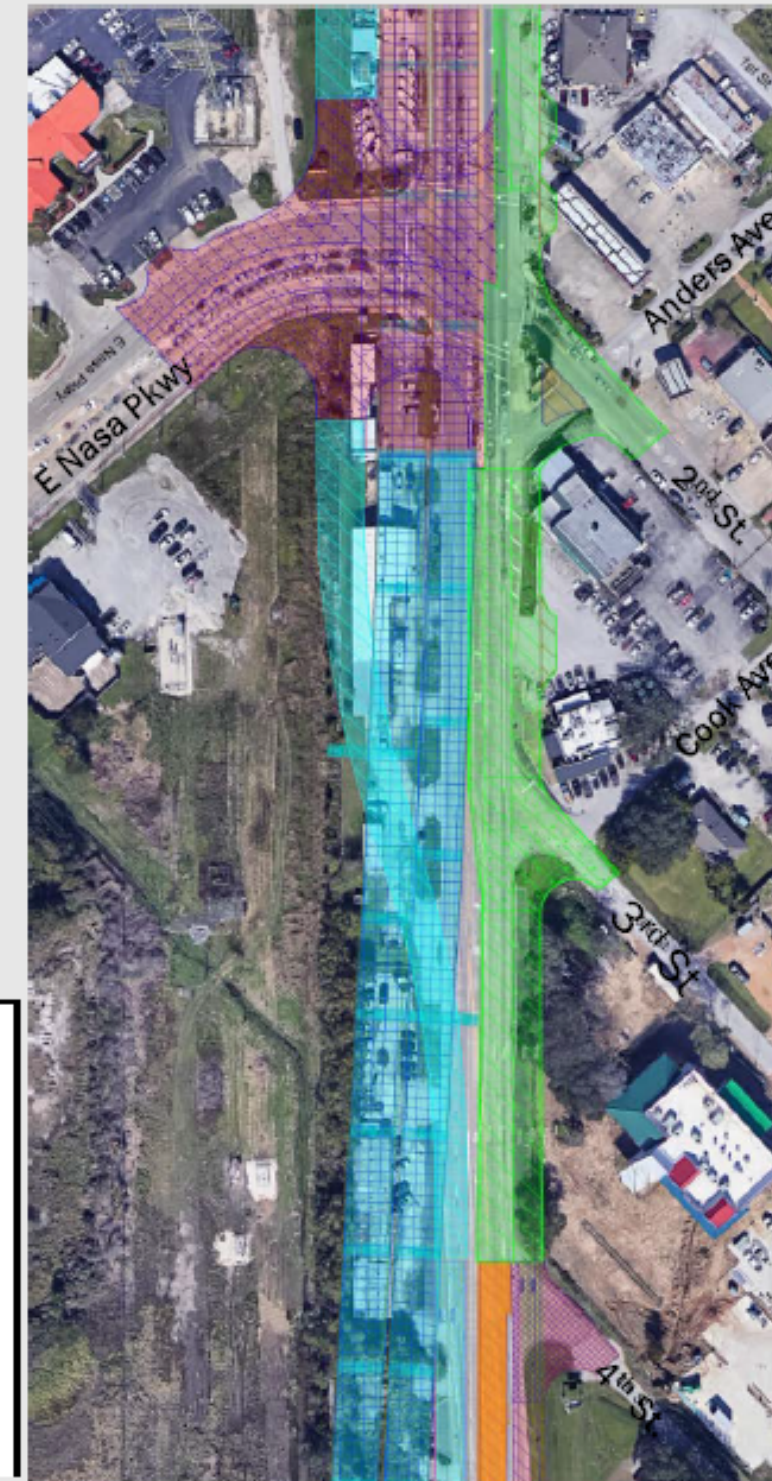
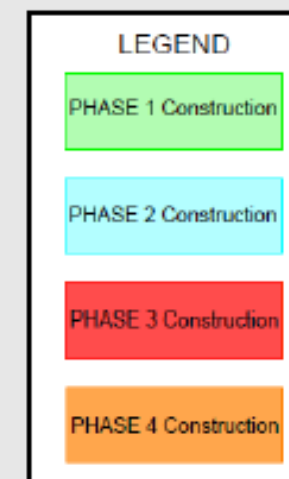
Reconstruct and elevate existing SH 146 mainlanes and build new NB Frontage Road in Kemah

Phase 4: (July 2020 to April 2023*)

Finish new Express bridge, finish SB Frontage Road in Kemah

PROJECT PHASING

Construction



* Phase durations are per latest contractor schedule and are subject to change



2019

2021





- Storm Sewer and utilities almost complete
- New Northbound Frontage Road in progress
- Southbound Frontage Road to follow after Northbound
- After traffic placed on new frontage road, main lanes in Seabrook will be closed, demolished, and rebuilt



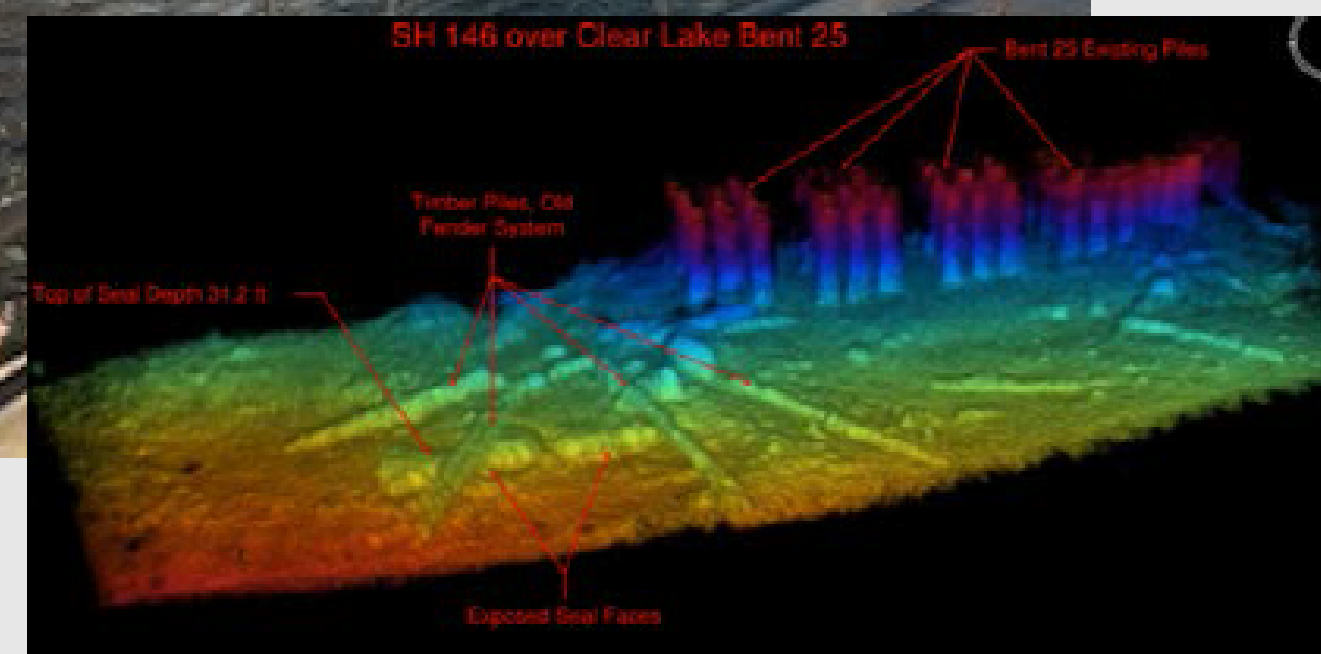
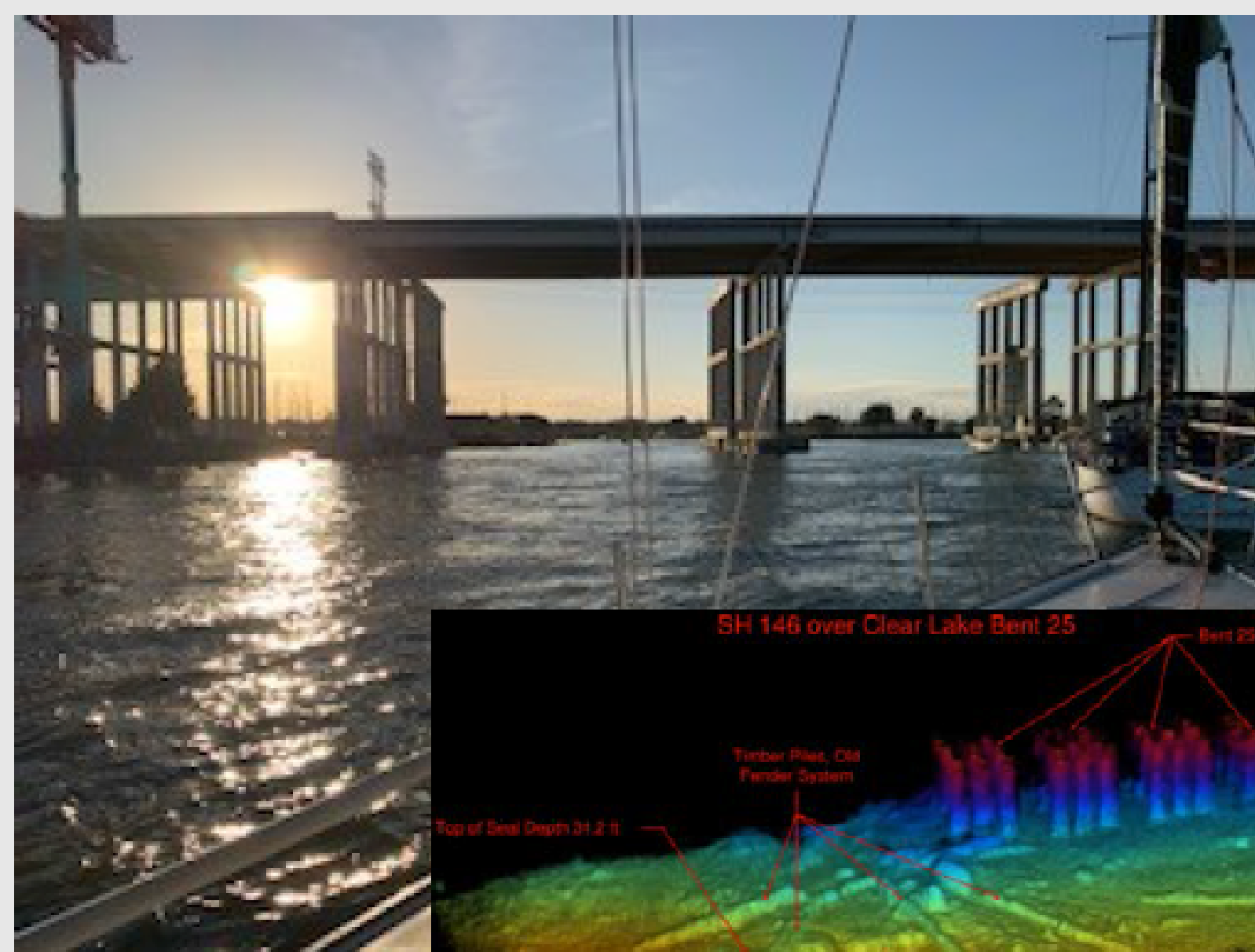
Approximately 4.5 miles of roadway including:

- 2.39 miles of new bridge
- 0.71 miles of bridge widening

133 Utility Conflicts including:

- 9 pipeline adjustments
- City Water Line
- City Wastewater Line
- Centerpoint
- Fiber





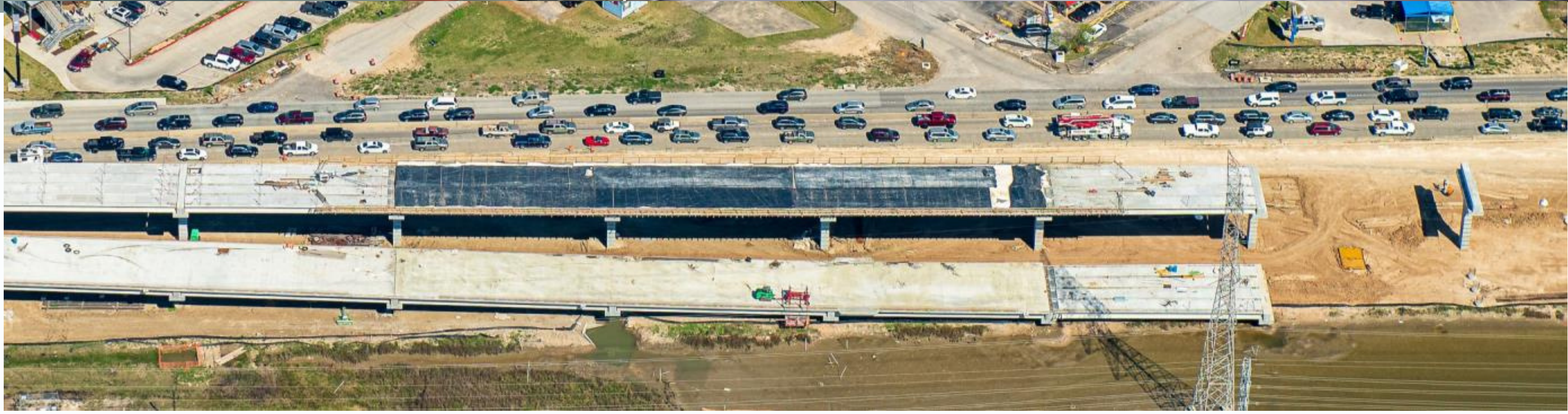
PROJECT CHALLENGES

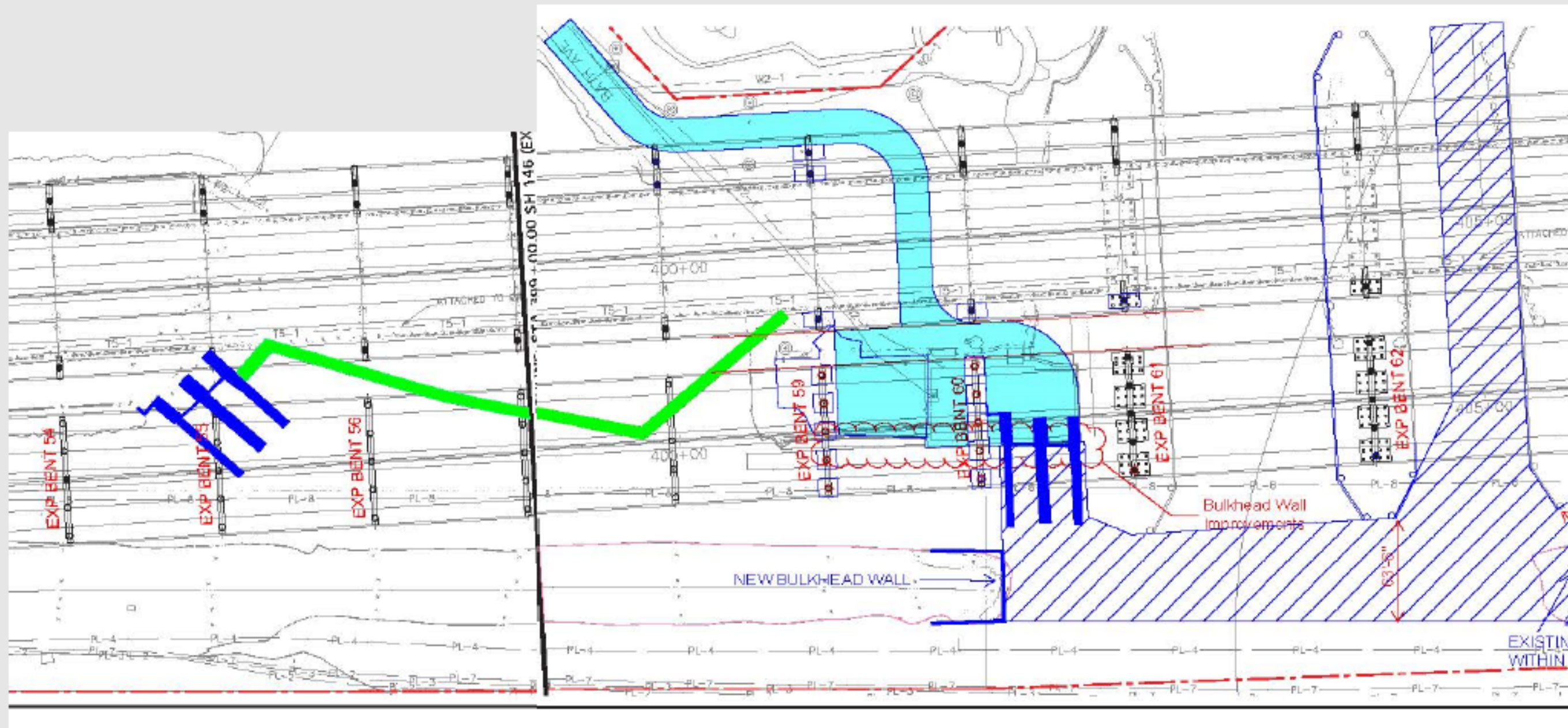
Old Draw Bridge Foundation in Conflict with NB Bridge Widening



Northbound Bridge Deck Est Completion Summer 2021





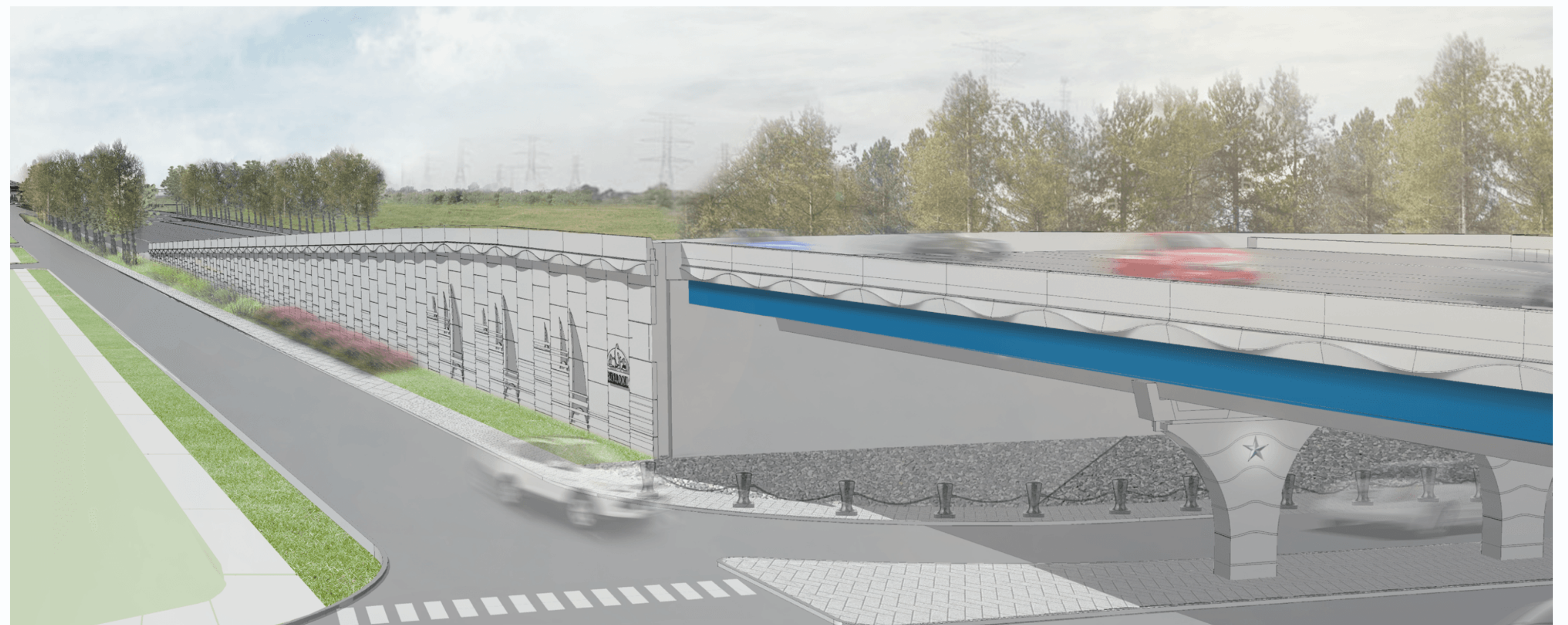


Seabrook Boat Ramp Relocation

- Proposed Seabrook Boat Ramps are located at former Outrigger's restaurant parcel
- Proposed work requires new roadway access from Bath Avenue



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Wastewater Treatment Plant Retrofit

Smart Water Meters

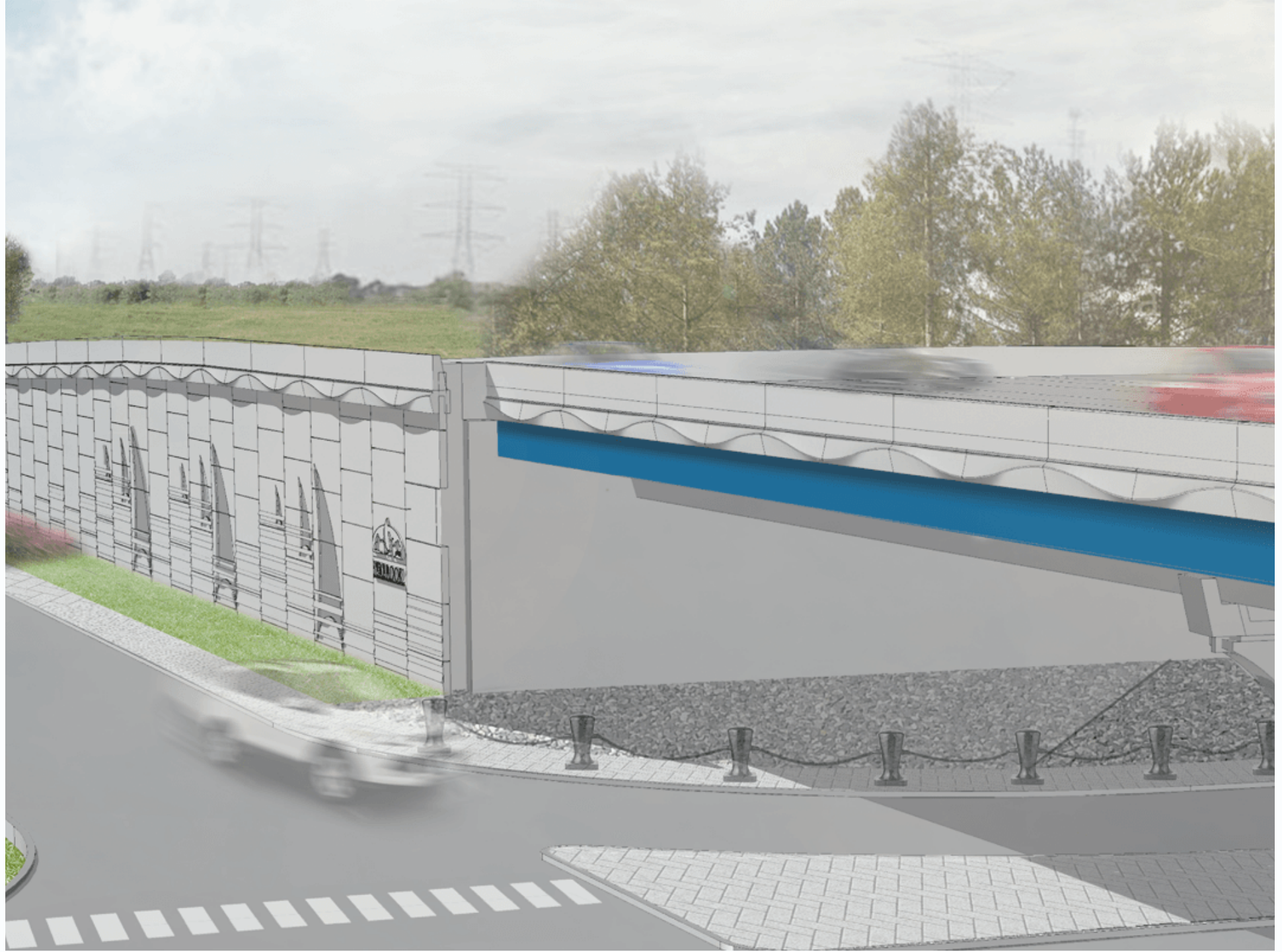
Fiber for Water/WW SCADA

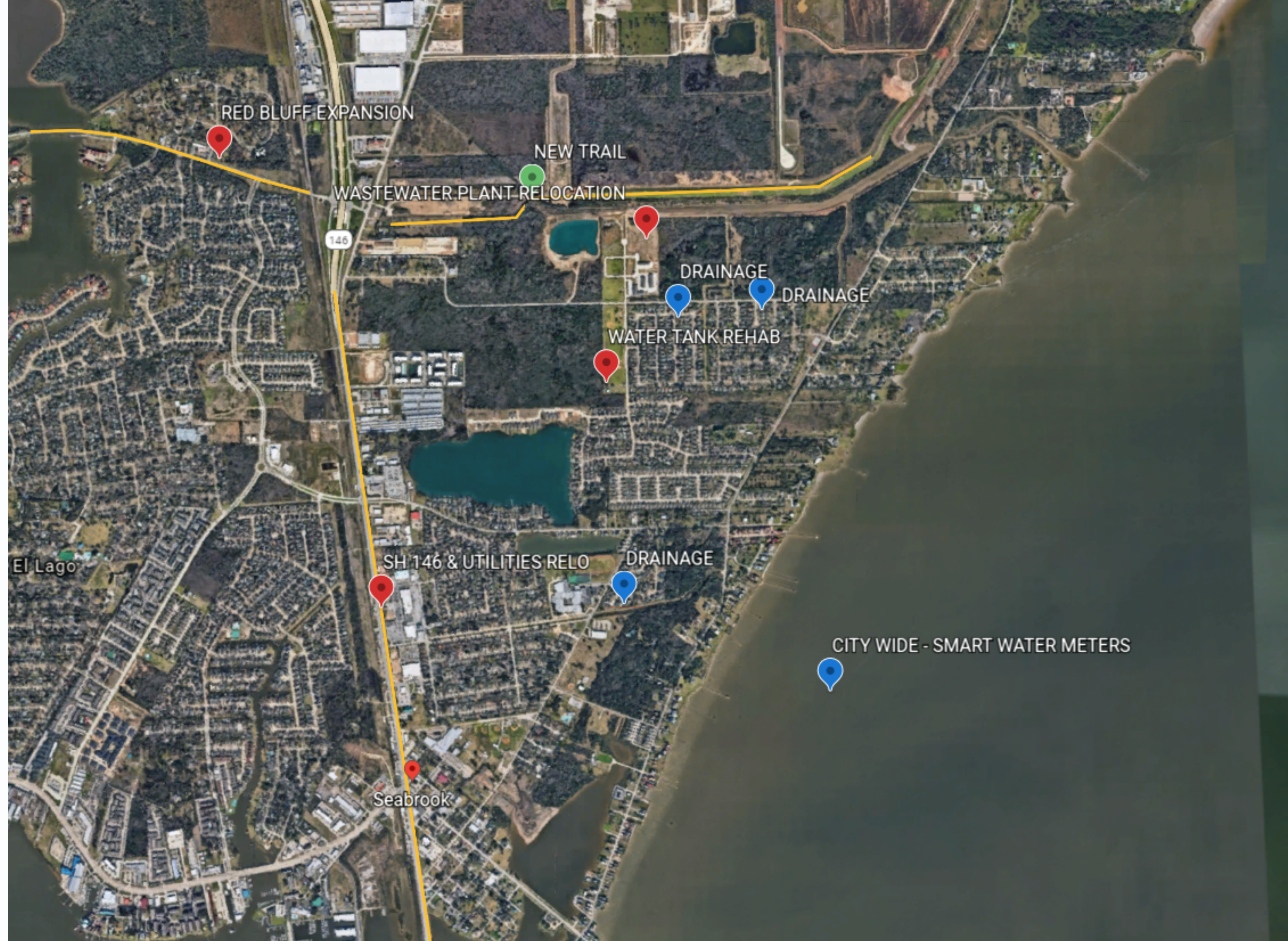
Water Line Improvements (NASA, Hester, Old Seabrook)

Upcoming Drainage Projects

Sewer Projects (Todville, SH146)

Park and Trail Expansions





RED BLUFF EXPANSION

NEW TRAIL

WASTEWATER PLANT RELOCATION

146

DRAINAGE

DRAINAGE

WATER TANK REHAB

El Lago

SH 146 & UTILITIES RELO

DRAINAGE

Seabrook

CITY WIDE - SMART WATER METERS



Wastewater Treatment Plant Retrofit

PHASE 1 - DESIGN 100% COMPLETE -
PHASE 2 - CONSTRUCTION PENDING

Total Project \$ 35.3 million

Hazard Mitigation Grant Program \$26.4 million

CDBG Local Cost Match \$ 8.8 million

City Contribution 1%

Mixed Use Development

28,000sf New Retail

Class A Multi-Family

Green Space Plaza

Trail System





Mixed Use Development

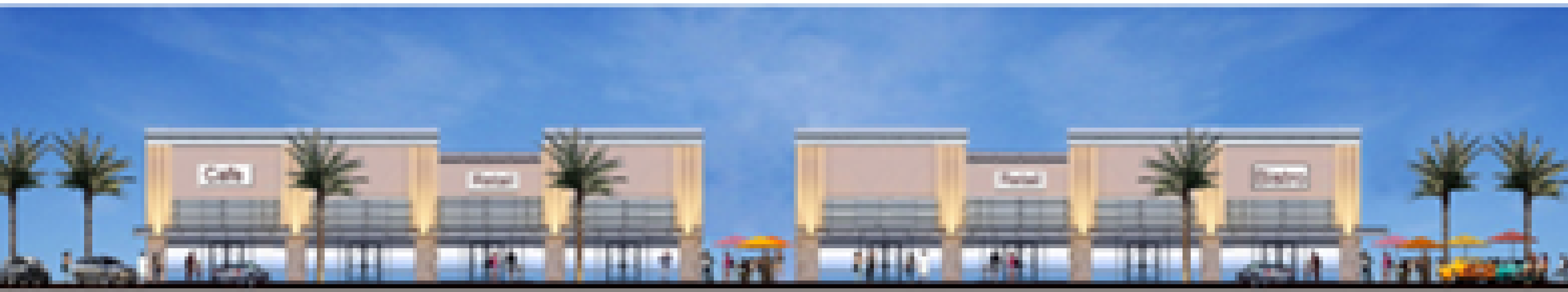
Boutique Hotel

Extended Stay Suites

Conference Center

Restaurants & Retail

Class A Multi-Family



Thank You

QUESTIONS
