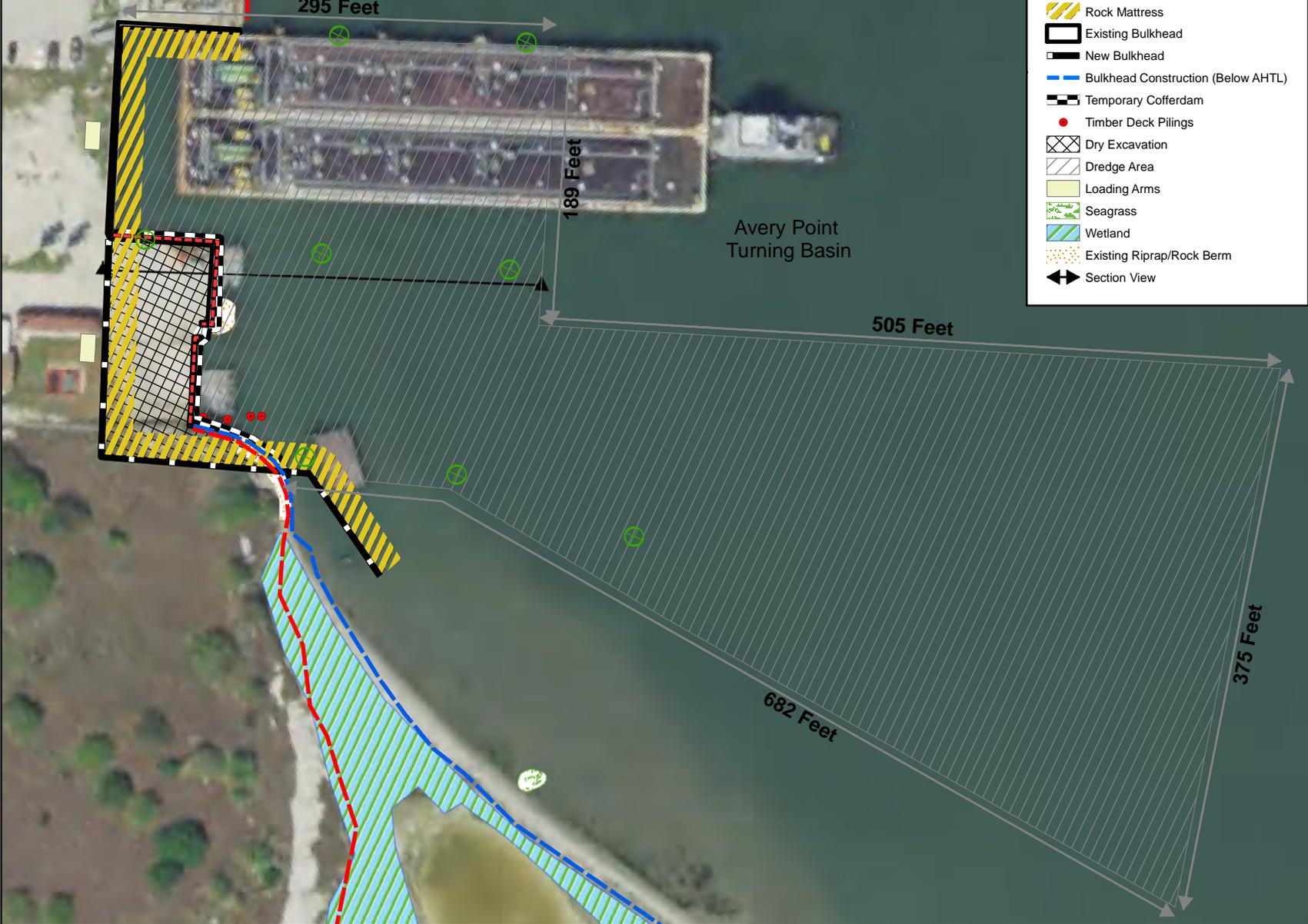


PLAN VIEW 1 - OVERVIEW
OIL DOCK 3 EXPANSION PROJECT
PORT OF CORPUS CHRISTI AUTHORITY
 Notes:
 -Prepared by Belaire Environmental, Inc., July 22, 2020 (SKF).
 -Revised September 29, 2020 (SKF).
 -Basemap Source: NAIP 0.5 M aerial imagery, 2015.
 -For planning and permitting purposes only, not for construction.




Legend

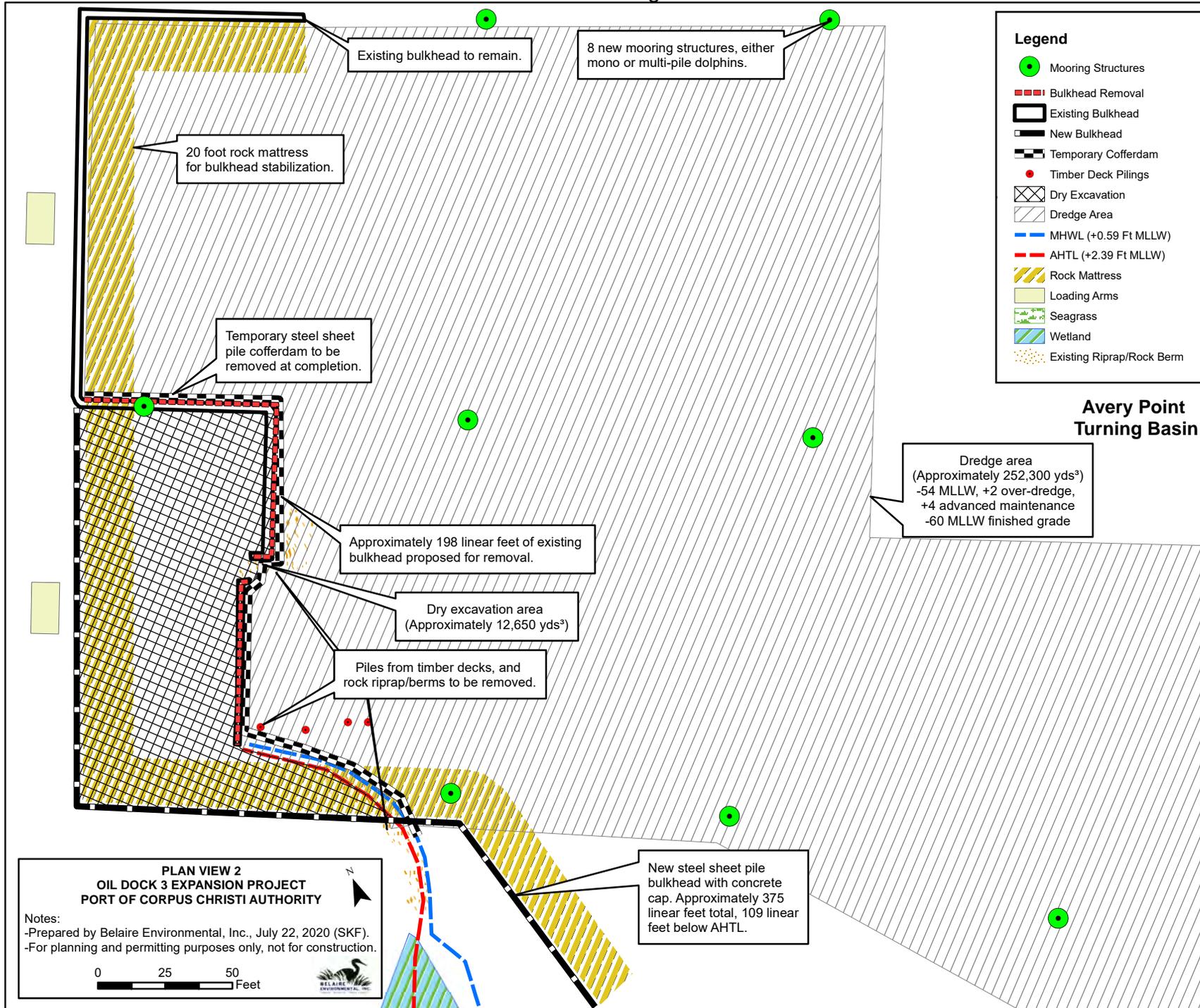
- Mooring Structures
- Dredge Dimensions
- Bulkhead Removal
- AHTL (+2.39 Ft MLLW)
- MHWL (+0.59 Ft MLLW)
- Rock Mattress
- Existing Bulkhead
- New Bulkhead
- Bulkhead Construction (Below AHTL)
- Temporary Cofferdam
- Timber Deck Pilings
- Dry Excavation
- Dredge Area
- Loading Arms
- Seagrass
- Wetland
- Existing Riprap/Rock Berm
- Section View



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 BELAIRE ENVIRONMENTAL, INC. (SKF)
 PO BOX 741, ROCKPORT, TX 78381
 July 22, 2020
 Revised Sept. 29, 2020
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PLAN VIEW 1- OVERVIEW
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCK 3 EXPANSION PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS



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 July 22, 2020
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**PLAN VIEW 2
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCK 3 EXPANSION PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS**

OIL DOCK 3 EXPANSION PLAN SUMMARY

Cofferdam:

- A temporary steel sheet pile cofferdam approximately 285 linear feet in length will be installed waterward of the existing bulkhead.

Dry Excavation:

- Dry land situated immediately adjacent to the existing bulkhead will be excavated at a 3:1 slope.
- Approximately 12,650 cubic yards of material will be excavated.
- Soils from dry excavation will be temporarily stockpiled within onsite uplands.
- Two new loading arms will be constructed on the adjacent uplands.

Bulkhead:

- Approximately 198 linear feet of existing bulkhead will be removed.
- Approximately 375 linear feet of steel sheet pile bulkhead with concrete cap will be installed, including approximately 109 linear feet located below the annual high tide line (AHTL).
- The bulkhead tip will be installed to approximately -60 feet mean lower low water (MLLW).
- A 20-foot wide rock mattress will be installed waterward of the bulkhead for stabilization.

Dredging:

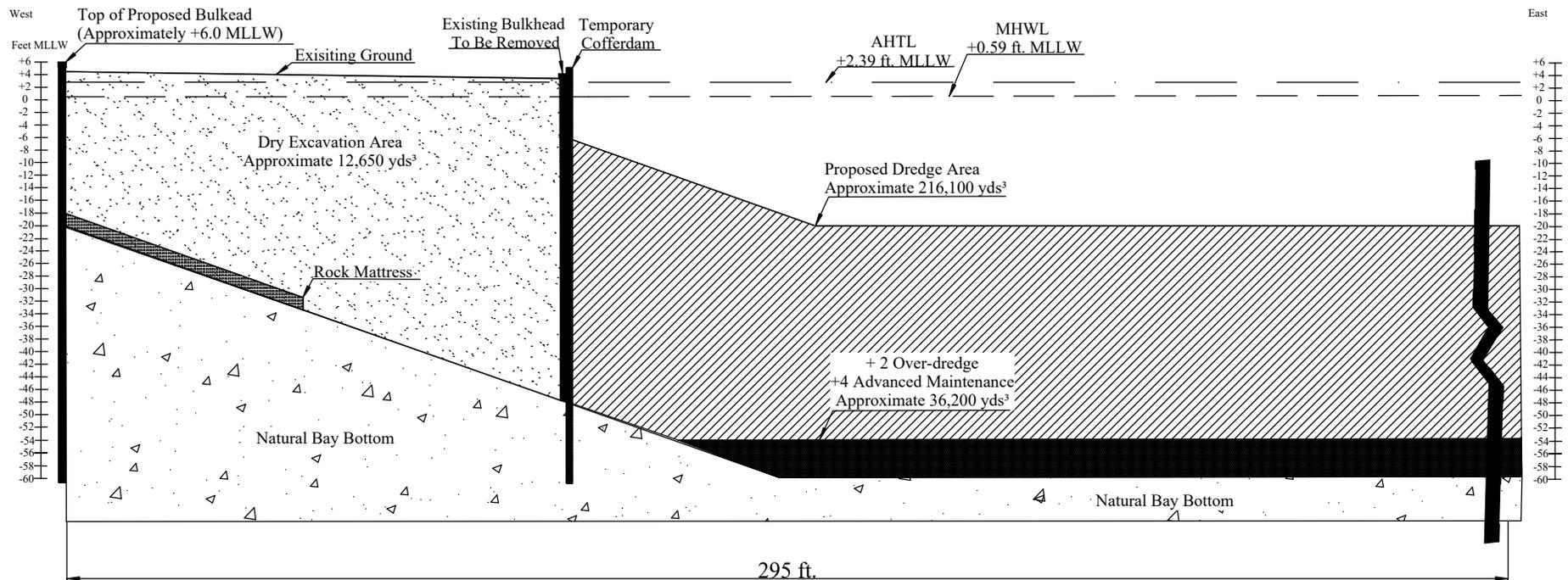
- Approximately 4.25 acres (185,000 square feet) will be dredged.
- The area is currently authorized to a depth of -20 MLLW. The current dredge project proposes to dredge to -54 MLLW plus 2 feet of over-dredge and 4 feet of advanced maintenance for a total finished grade of -60 MLLW, consistent with the adjacent federal channel and turning basin.
- Typical side slope proposed is 3:1.
- Estimated dredge volume is 216,100 cubic yards to -54 MLLW.
- Estimated dredge volume is 36,200 cubic yards for the additional six feet of over-dredge and advanced maintenance.
- Total estimated dredge volume is 252,300 cubic yards of material.
- Dredge material will be placed within a nearby placement area. Potential dredge material placement areas (DMPA) include, PA8, PA3A, PA3B, PA1, PAZ, PA6, or PA2.

Mooring/Piles:

- Eight new mooring structures either mono or multi-pile dolphins will be installed with floating fenders.
- Four derelict piles will be removed.



Typical Section View



Cofferdam:

•A temporary steel sheet pile cofferdam approximately 285 linear feet in length will be installed waterward of the existing bulkhead.

Dry Excavation:

- Dry land situated immediately adjacent to the existing bulkhead will be excavated at a 3:1 slope.
- Approximately 12,650 cubic yards of material will be excavated.
- Soils from dry excavation will be temporarily stockpiled within onsite uplands.

Bulkhead:

- Approximately 198 linear feet of existing bulkhead will be removed.
- Approximately 375 linear feet of steel sheet pile bulkhead with concrete cap will be installed, including approximately 109 linear feet located below the annual high tide line (AHTL).
- The bulkhead tip will be installed to approximately -60 feet mean lower low water (MLLW).
- A 20-foot wide rock mattress will be installed waterward of the bulkhead for stabilization.

Dredging:

- Approximately 185,000 square feet will be dredged.
- The area is currently authorized to a depth of -20 MLLW. The current dredge project proposes to dredge to -54 MLLW plus 2 feet of over-dredge and 4 feet of advanced maintenance for a total finished grade of -60 MLLW, consistent with the adjacent federal channel and turning basin.
- Typical side slope proposed is 3:1.
- Estimated dredge volume is 216,100 cubic yards to -54 MLLW.
- Estimated dredge volume is 36,200 cubic yards for the additional six feet of over-dredge and advanced maintenance.
- Total estimated dredge volume is 252,300 cubic yards of material.
- Dredge material will be placed with a nearby federal placement area. Potential dredge material placement areas (DMPA) include, PA8, PA3A, PA3B, PA1, PAZ, PA6, or PA2.

Not to Scale

SECTION VIEW
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCK 3 EXPANSION PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS



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 July 22, 2020
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1. IH-PA8 (SUNTIDE DMPA)
2. IH-PA3A & IH-PA3B (SOUTH SHORE CELL A & B)
3. IH-PA1 (INNER HARBOR PA)
4. IH-PAZ (HERBIE MAUER)
5. IH-PA6 (TULE LAKE)
6. IH-PA2 (RINCON DMPA)

PROPOSED PLACEMENT AREAS (FOR NEW WORK AND MAINTENANCE DREDGING):

DREDGE MATERIAL PLACEMENT SITE PLAN



NOTE: PROPOSED PLACEMENT AREAS NOT LISTED IN ORDER OF PREFERENCE. REFER TO PROJECT INFORMATION FOR PREFERENCE ORDER LIST.

DREDGE MATERIAL PLACEMENT AREAS
 PORT OF CORPUS CHRISTI AUTHORITY
 OIL DOCK 3 EXPANSION PROJECT
 CORPUS CHRISTI, NUECES COUNTY, TEXAS



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 May 19, 2020
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