



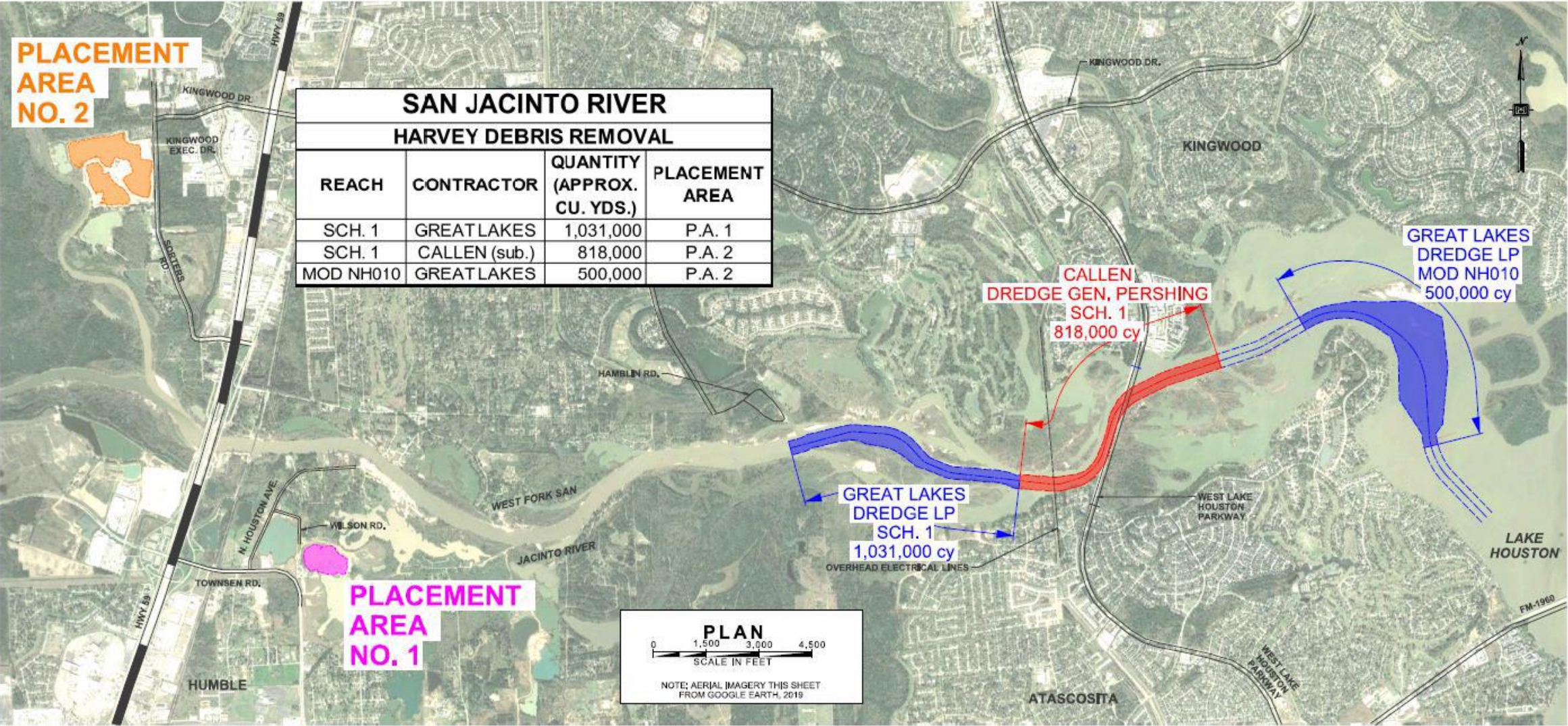
HOUSTON
PUBLIC WORKS

LAKE HOUSTON DREDGING ACTIVITIES

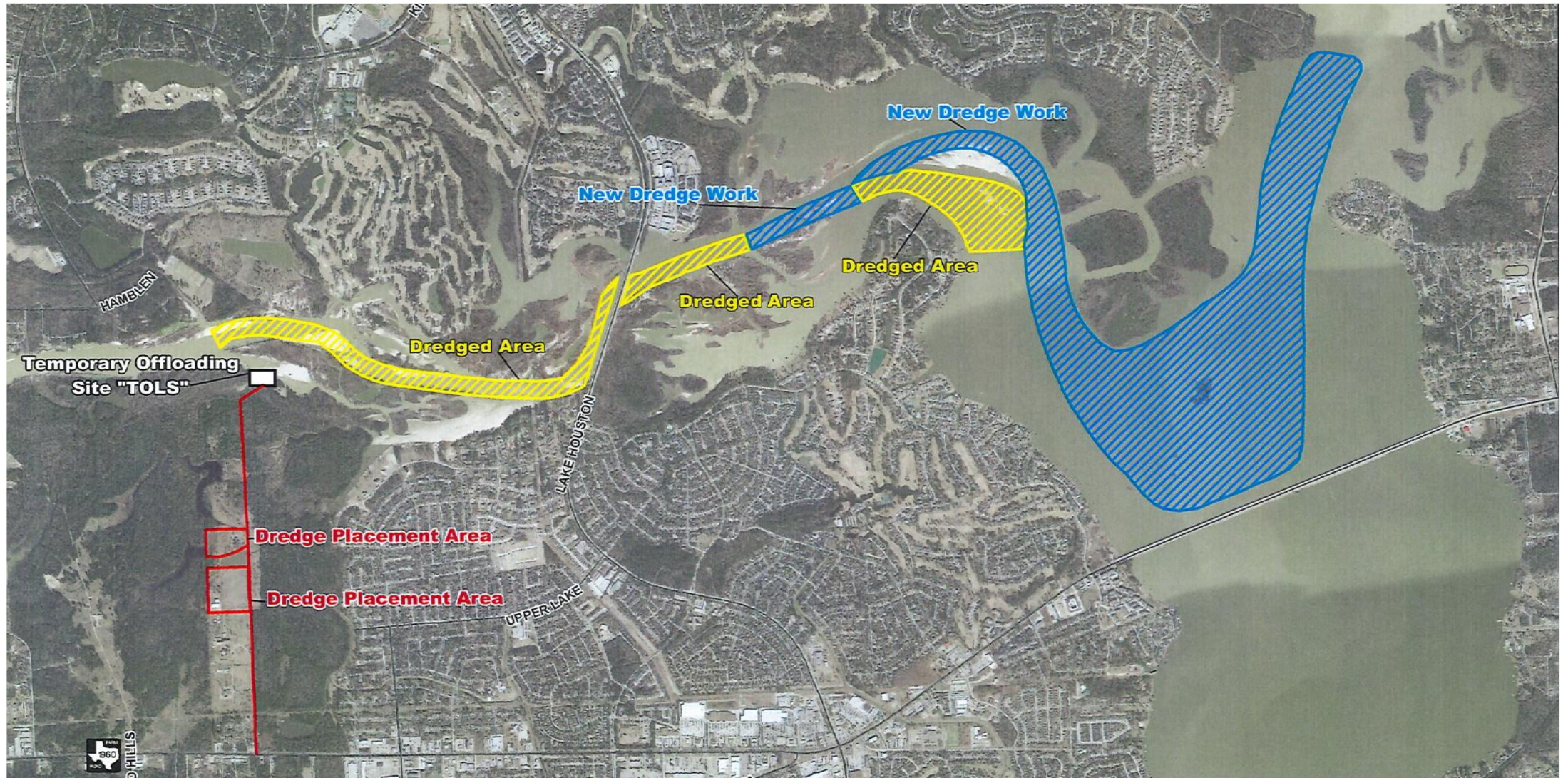
DAVID WURDLOW
Sr. Assistant Director
Capital Projects & Grants Management
FINANCIAL MANAGEMENT SERVICES

Lake Houston Dredging and Maintenance District
8/17/26 Board Meeting

USACE – FEMA MISSION ASSIGNMENT

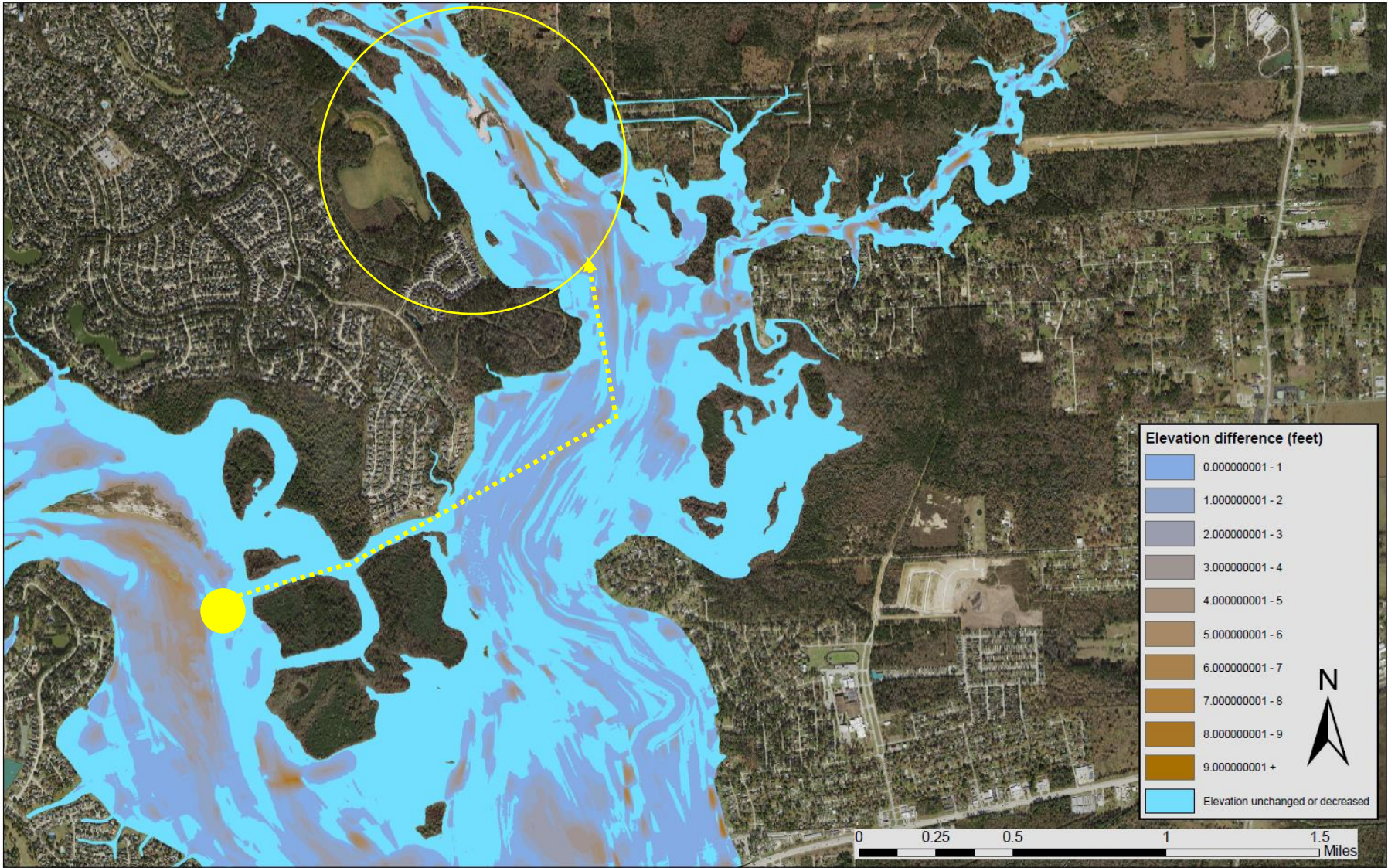


MOUTH BAR/CONFLUENCE DREDGING



EAST FORK DREDGING

Change in Lakebed Elevation between 2011 and 2018 at the East Fork of the San Jacinto River

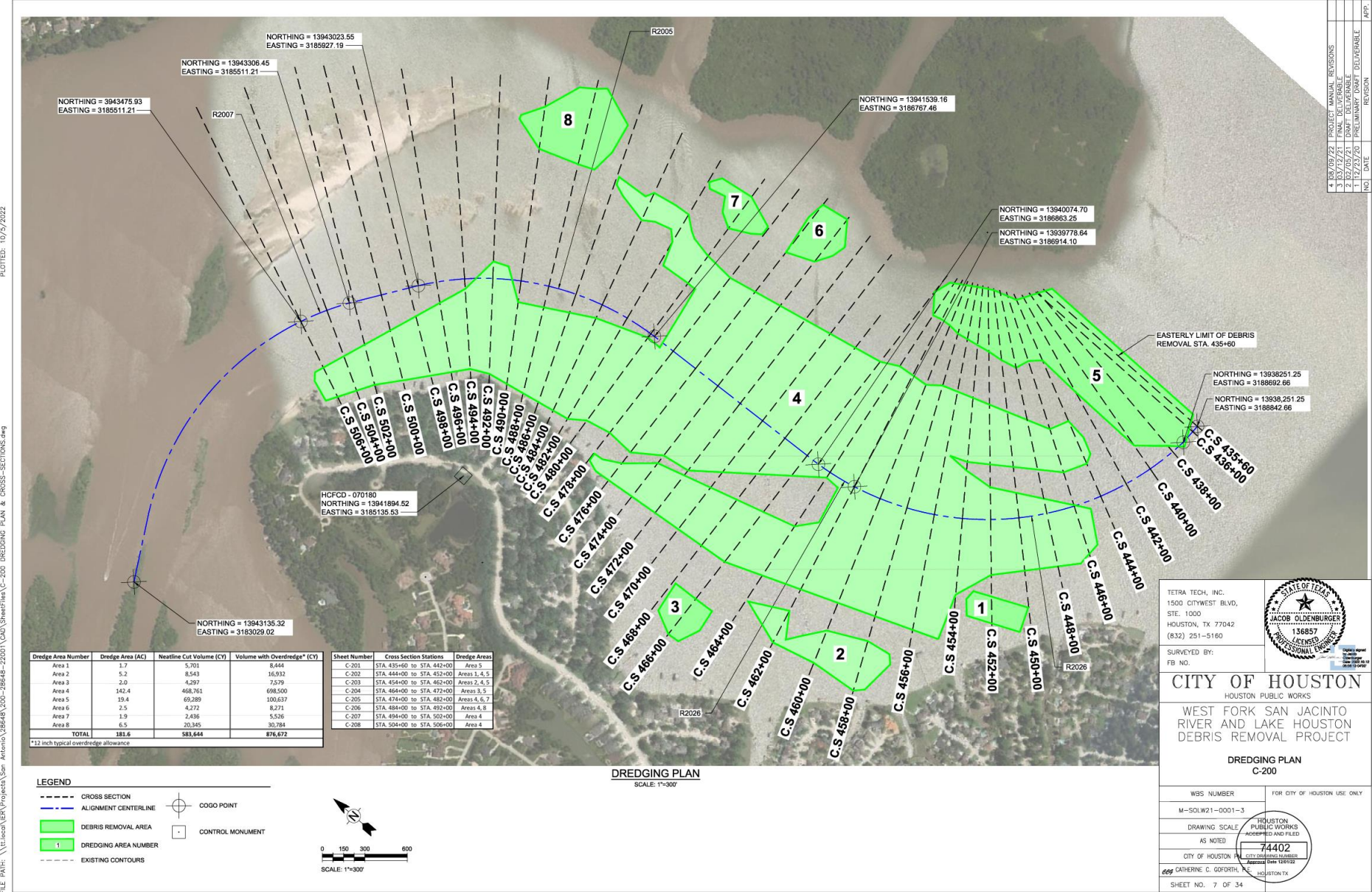


CANAL DREDGING

Canal 17



WEST FORK SILT REMOVAL



DREDGING COSTS

Effort	Contracting Agency	Funding Partners	Material Dredged (CY)	Cost (\$M)	Cost/CY
FEMA Mission Assignment	USACE	FEMA PA, TxGov	1,830,305	73.7	\$40
FEMA Mission Assignment	USACE	FEMA PA, TxGov	470,000	17.1	\$36
Mouth Bars/Confluence & East Fork	City of Houston	TxGov, TWDB, Harris Co	949,065	41.2	\$43
Canals	City of Houston	TWDB, Harris Co	185,682	8.4	\$45
West Fork Silt Removal	City of Houston	FEMA PA, TWDB	742,325	29.3	\$39
Total to date:			4,177,377	169.7	\$41

OTHER RELATED ACTIVITIES

City of Houston

- Lake Houston Long-Range Dredging Operational Plan
- Lake Houston Dam Spillway Improvement Project

USACE/TxGLO/Gulf Coast Protection District

- Coastal Texas Project

San Jacinto River Authority

- Upper SJ River Basin Regional Sedimentation Study
- Sand Trap Study & Pilot Project
- Joint Reservoir Operations Study
- Flood Management Plan

TWDB/Coastal Water Authority

- Volumetric & Sedimentation Survey

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thank you!



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