



CITY OF HOUSTON TEXAS WATER DEVELOPMENT BOARD CWSRF PROJECT NO. 73889 (4235-120)

Name of Project and community: Wastewater Collection System Rehabilitation and Renewal, 2023 - 2025, City of Houston

Name of CWSRF administering agency: Texas Water Development Board

Wholly funded by CWSRF from the EPA and the TWDB

Brief description of project: This project is part of the Neighborhood Sewer Rehabilitation Program and was required to renew and replace various deteriorated neighborhood collection systems throughout the City. Work of the contract includes 447 point repairs on sanitary sewers ranging in size from 6 to 48-inches in diameter; 4,350 feet of additional sewer replacement beyond these point repairs; Sliplining or Pipe Bursting approximately 15,400 feet of sanitary sewer ranging from 6 to 18-inches in diameter; Static Pipe Bursting approximately 1,350 feet of sanitary sewer ranging from 6 to 12-inches in diameter; Slurry Boring approximately 1,200 feet of sanitary sewer ranging from 8 to 12-inches in diameter; cleaning and televising of 336,000 feet of sanitary sewer ranging in size from 6 to 48-inches in diameter; reconnecting 186 services; construction of approximately 14 new manholes; 250 vertical feet of manhole rehabilitation; 4,500 square yards of removal and replacement of up to 2" hot-mix asphaltic concrete and 2,600 square yards of removal and replacement of concrete pavement; and ancillary work to remove and restore surface features disturbed as a result of the work.

Brief listing of water quality benefits: The renewal and replacement of various deteriorated neighborhood collections systems throughout the City helps to ensure structural integrity, limit their loss of capacity, controlling groundwater contamination, and the maintaining of community well-being