



CITY OF HOUSTON TEXAS WATER DEVELOPMENT BOARD CWSRF PROJECT NO. 73774 (4236-02)

Name of Project and community: Wastewater Collection System Rehabilitation and Renewal, 2021 - 2023, 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 included 52-point repairs on gravity sanitary sewers and

force mains ranging in size from 6 to 48-inches in diameter; 1,610 feet of additional sewer replacement beyond these point repairs; slip lining and pipe bursting approximately 10,800 feet of sanitary sewer ranging from 6 to 18-inches in diameter; slurry boring of approximately 900 feet of sanitary sewer ranging in size from 8 to 12-inches in diameter; reconnecting approximately 180 services; cleaning and televising of 15,700 feet of gravity sanitary sewers and force mains ranging in size from 6 to 48-inches in diameter; construction of approximately 19 new manholes; 220 vertical feet of manhole rehabilitation; 3,000 square yards of removal and replacement of up to 2" hot mix asphaltic concrete and 1,000 square yards of removal and replacement of 8" 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.