



CITY OF HOUSTON TEXAS WATER DEVELOPMENT BOARD CWSRF PROJECT NO. 73814 (4259-13)

Name of Project and community: Wastewater Collection System Rehabilitation and Renewal, 2021 - 2024, 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 slip lining or pipe bursting approximately 42,700 feet of sanitary sewer ranging from 6 to 18-inches in diameter; rehabilitation by cured-in-place pipe method of 8,500 feet of sanitary sewer ranging in size from 8 to 48-inches in diameter; slurry boring of 615 feet of sanitary sewer ranging in size from 8 to 12-inches in diameter; cleaning and television inspection of 35,140 feet of gravity sanitary sewer and force mains; reconnecting 700 services; making 106 point repairs on gravity sanitary sewers and force mains ranging in size from 6 to 48-inches in diameter; 4,964 feet of additional sewer replacement beyond these point repairs; construction of approximately 37 new manholes; 950 vertical feet of manhole rehabilitation; 3,700 square yards of removal and replacement of up to 2 inch hot-mix asphaltic concrete; 1,200 square yards of removal and replacement of 8-inch concrete pavement and 13,000 feet of cut or removal of existing liners from the host pipe; 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 loss of capacity, control groundwater contamination, and maintain community well-being.