



CITY OF HOUSTON TEXAS WATER DEVELOPMENT BOARD CWSRF PROJECT NO. 73742 (4258-77)

Name of Project and community: Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method (LDS), 2020 - 2022, 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 Large Diameter Sewer (LDS) Rehabilitation Program and was required to renew/replace various deteriorated neighborhood collection systems throughout the City. The project involved sanitary sewer rehabilitation by the cured-in-place pipe method. Work of the contract includes rehabilitation by cured-in-place pipe method of 3,600 feet of sanitary sewer ranging in size from 30 to 72-inches in diameter; rehabilitation by spin cast pipe lining method of 900 feet of sanitary sewer ranging in size from 54 to 72-inches in diameter; 22 service reconnections; cleaning and television inspection of 5,700 feet of sanitary sewer ranging in size from 30 to 72-inches in diameter; 6 point repairs on sanitary sewers ranging in size from 30 to 72-inches in diameter; 60 feet of additional sewer replacement beyond these point repairs; construction of approximately 7 new manholes; 100 vertical feet of manhole rehabilitation; 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.