



CITY OF HOUSTON TEXAS WATER DEVELOPMENT BOARD CWSRF PROJECT NO. 73676 (4257-148)

Name of Project and community: Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods, 2016 - 2017, 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 Sliplining or Pipe Bursting approximately 52,450 feet of sanitary sewer ranging from 6 to 18-inches in diameter, cleaning 56,400 feet and televising 56,400 feet of sanitary sewer, reconnecting 830 services, making 14 point repairs on sanitary sewers ranging in size from 6 to 24-inches in diameter; 4,620 feet of additional sewer replacement beyond these point repairs; construction of approximately 34 new manholes; 1,200 vertical feet of manhole rehabilitation; 14,000 square yards of removal and replacement of up to 2 inch hot-mix asphaltic concrete; 3,500 square yards of removal and replacement of semi-rigid base and 40,000 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 their loss of capacity, controlling groundwater contamination, and the maintaining of community well-being.