FY 2022/23 Sewer Lining Project

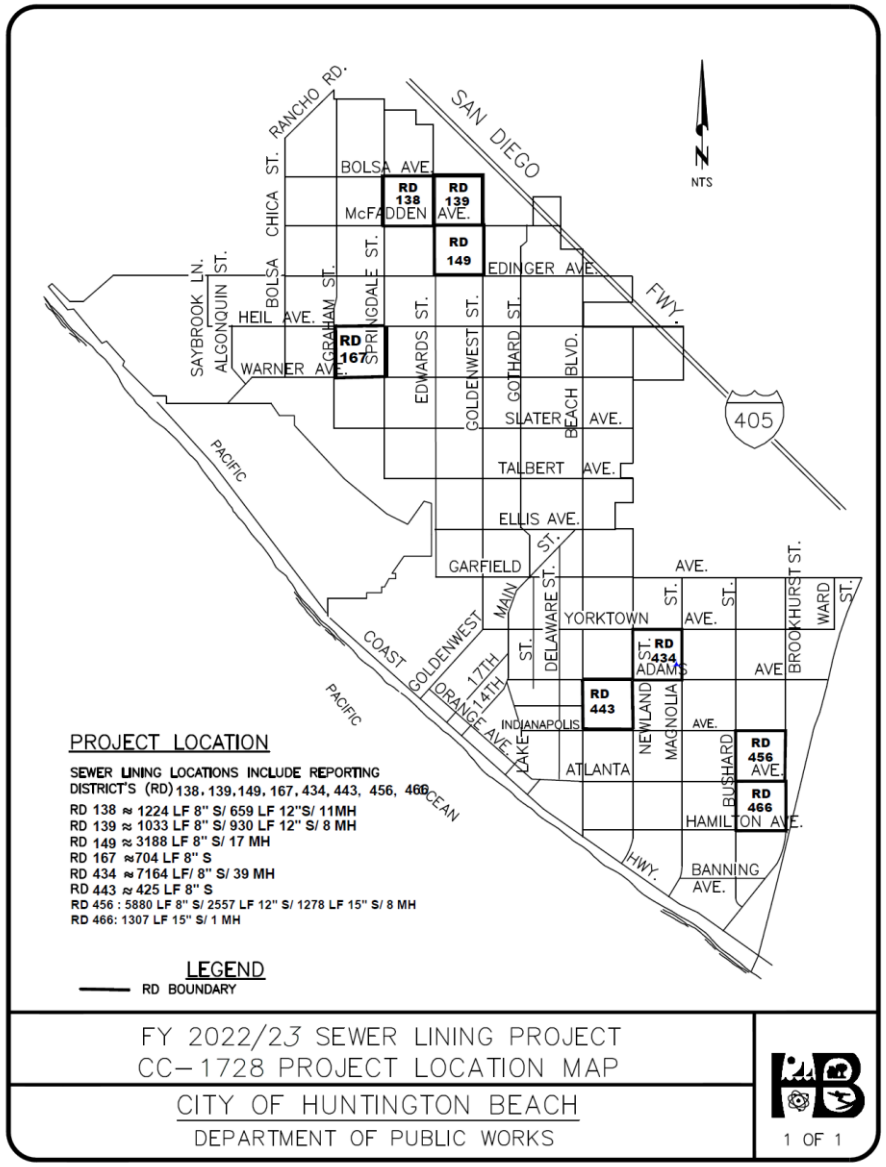
November 7, 2023

BACKGROUND AND PROJECT SCOPE

The Engineering and Utilities Division coordinate the need for rehabilitation of existing sewer pipes based on maintenance history and video inspections. The sewers and manholes selected for lining are either encrusted with calcium deposits from groundwater infiltration at joints and cracks, or have joints offset by tree roots from mature trees located in the parkways.

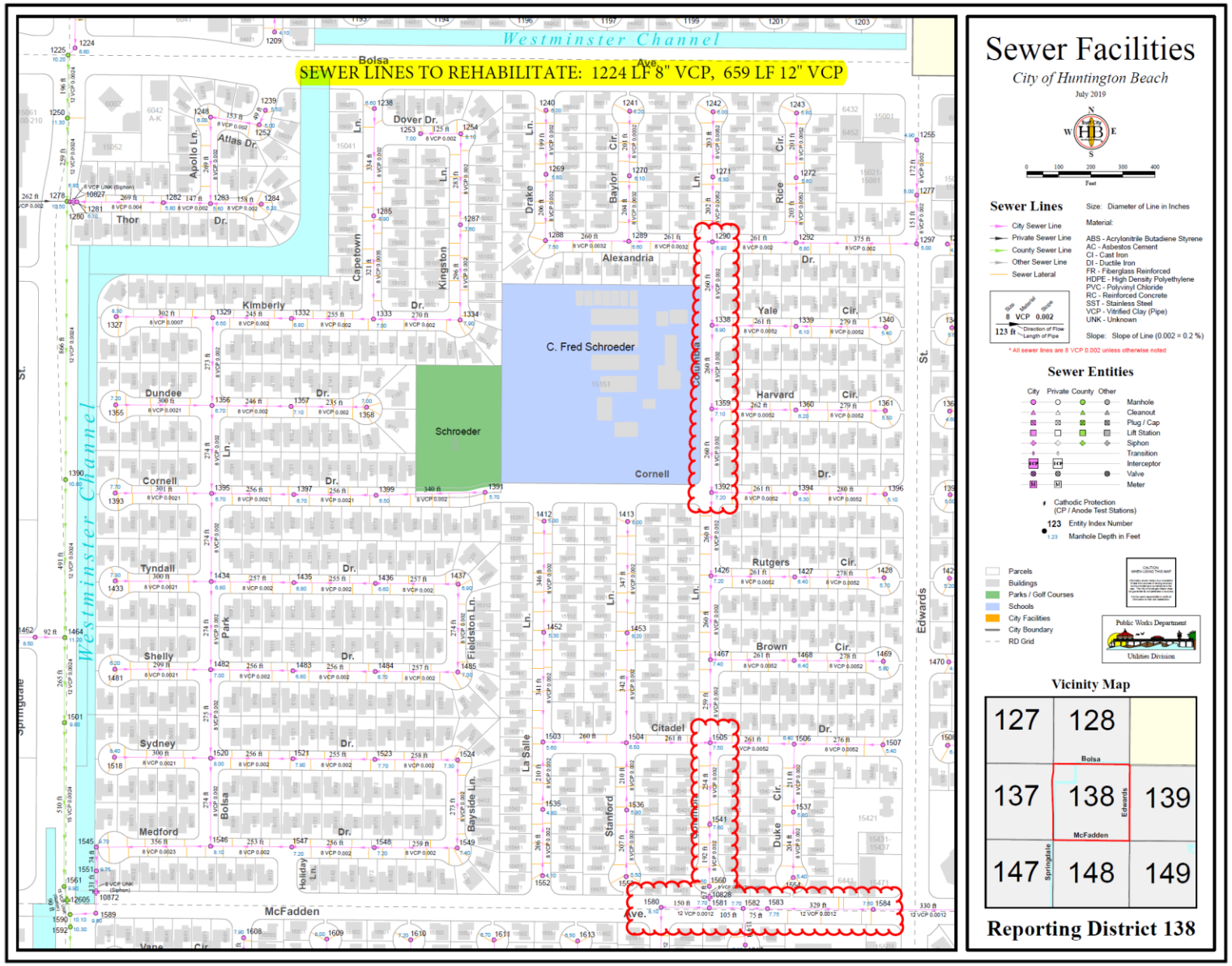
This project will rehabilitate 26,349 LF (5 miles) of 50 to 60 year old sewer pipe and 84 sewer manholes, greatly reducing groundwater infiltration and extending the useful life of the sewers.

FY 2022-23 SEWER LINING PROJECT LOCATION MAP



CITY OF HUNTINGTON BEACH
INCORPORATED
FEB. 17, 1909, A.D.
ORANGE COUNTY CALIFORNIA

FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 138



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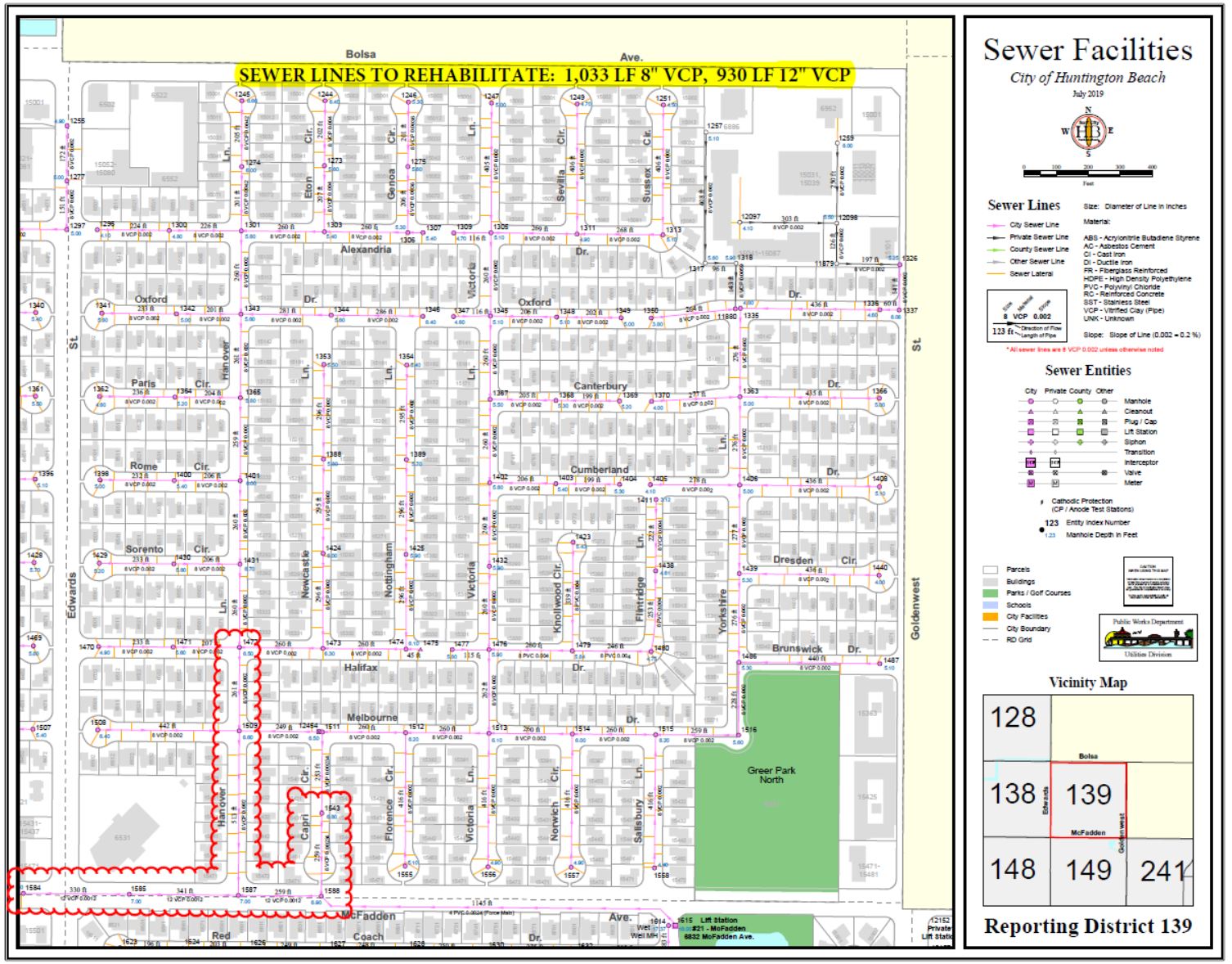
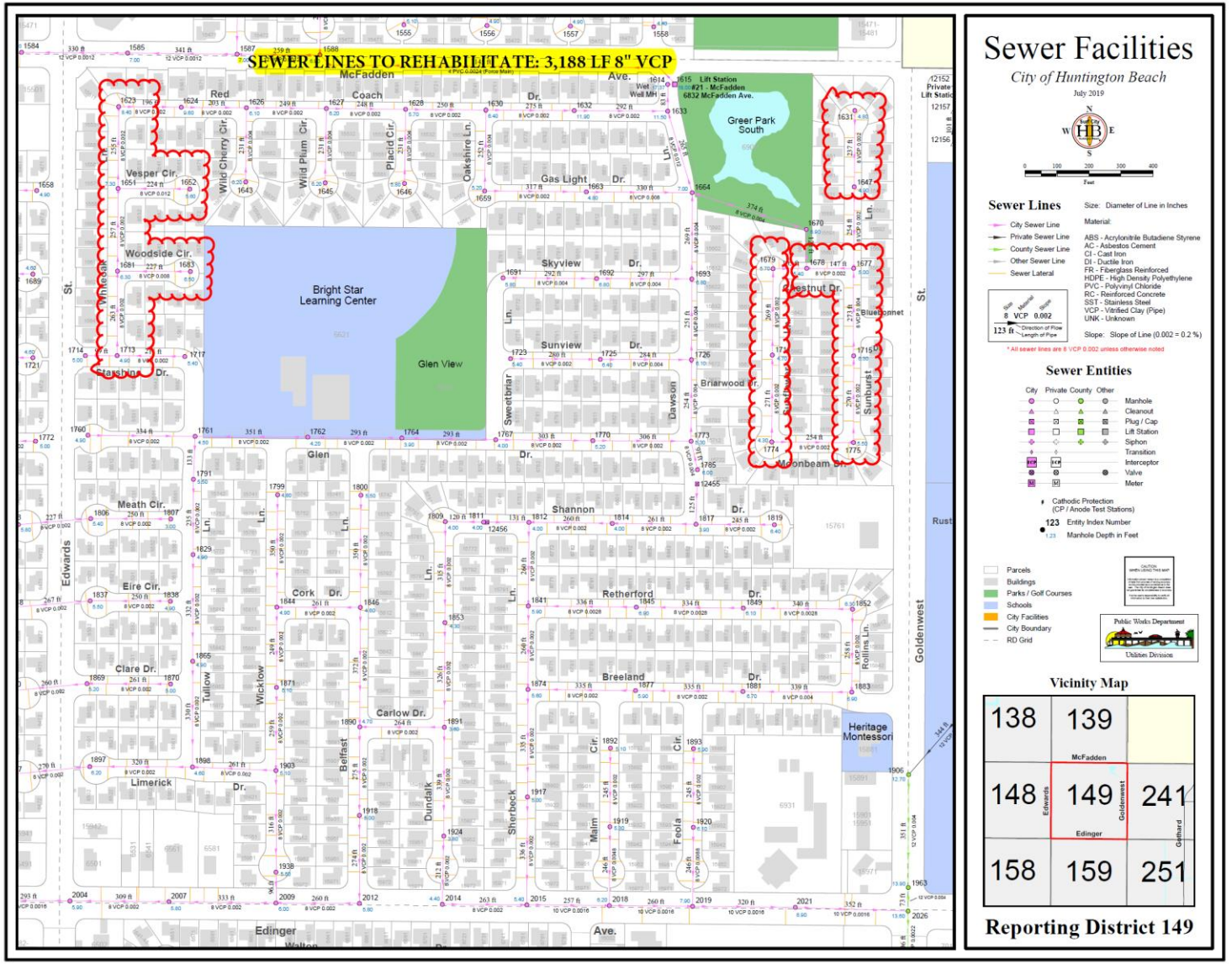
FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 139



FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 149



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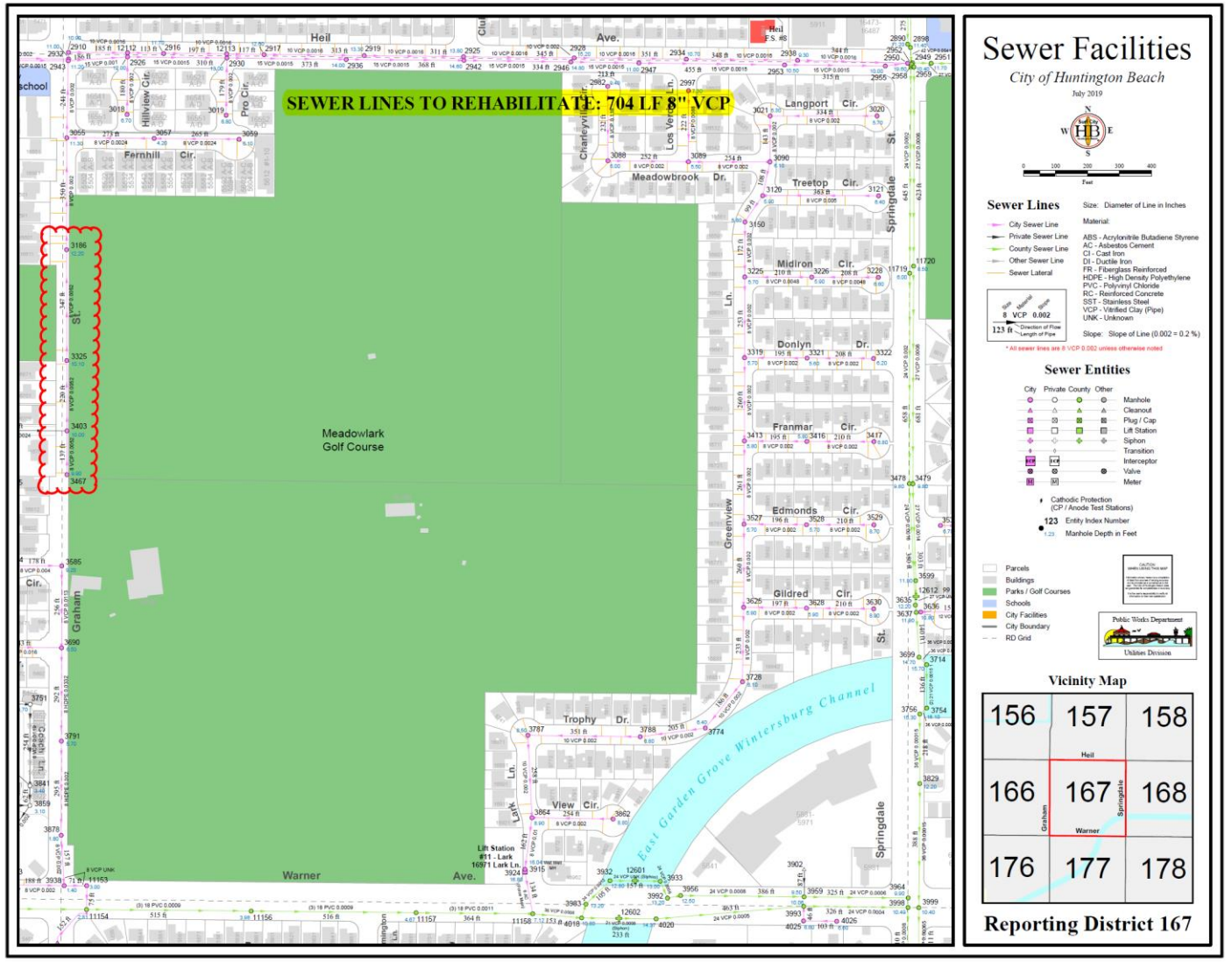
FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 167



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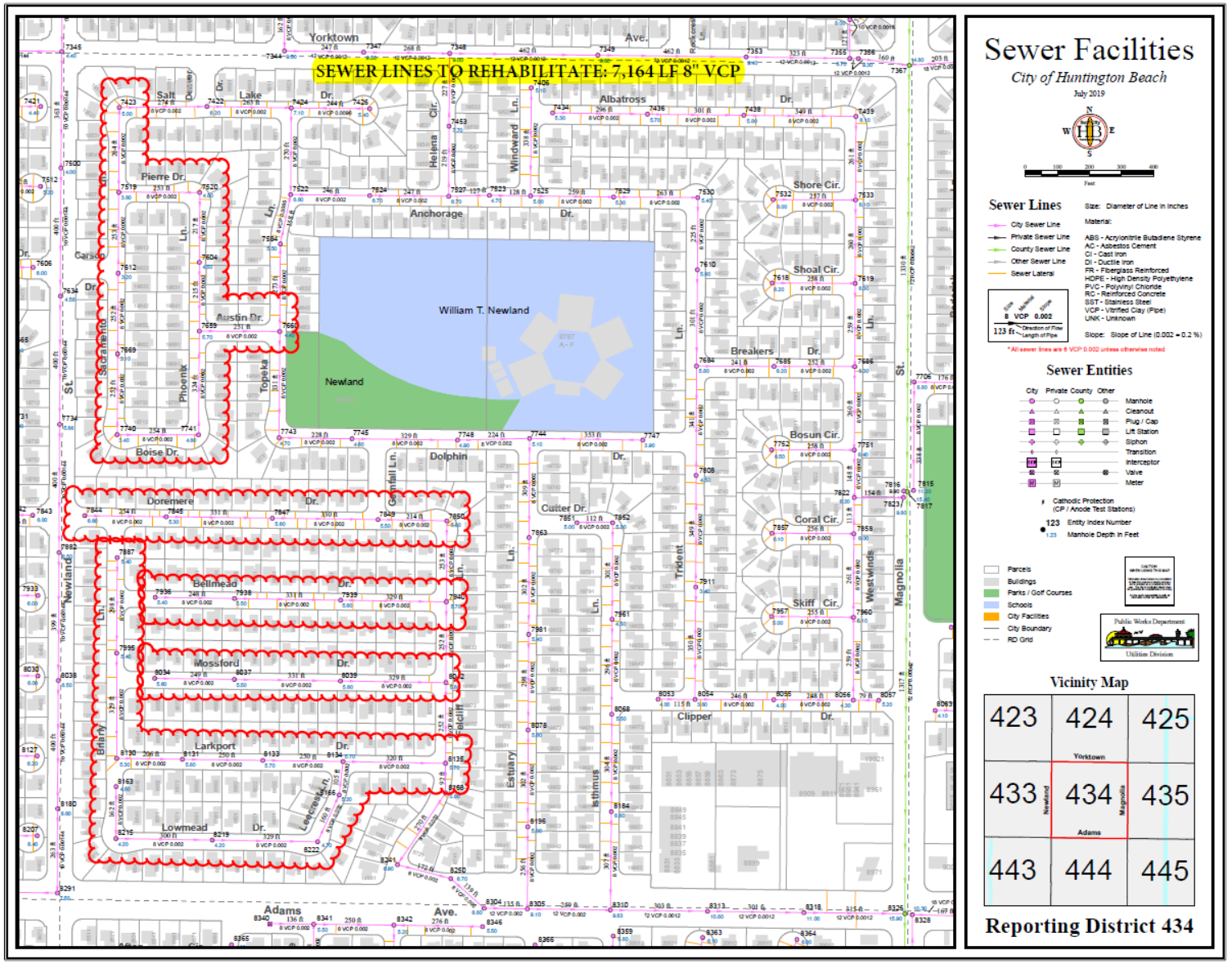
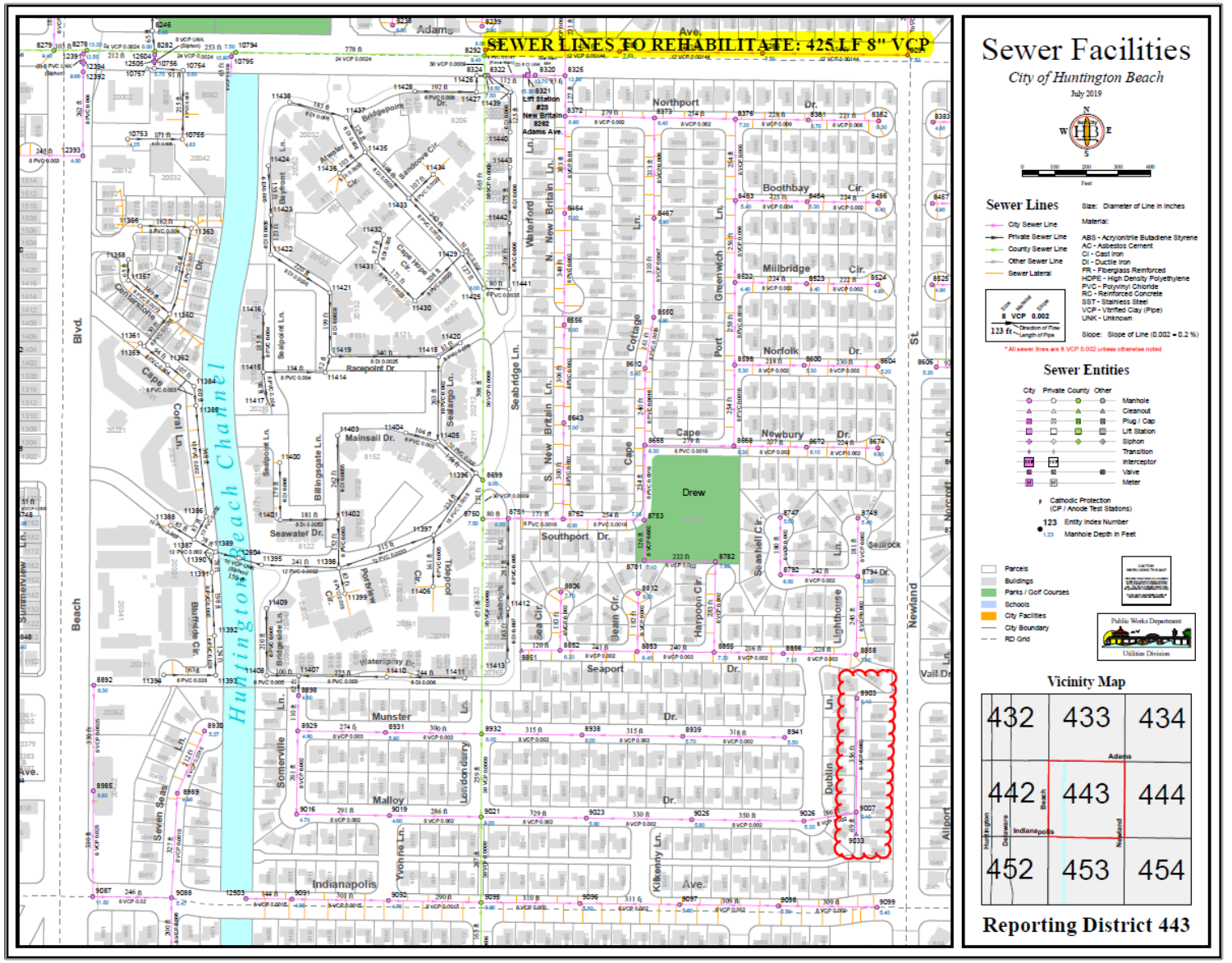
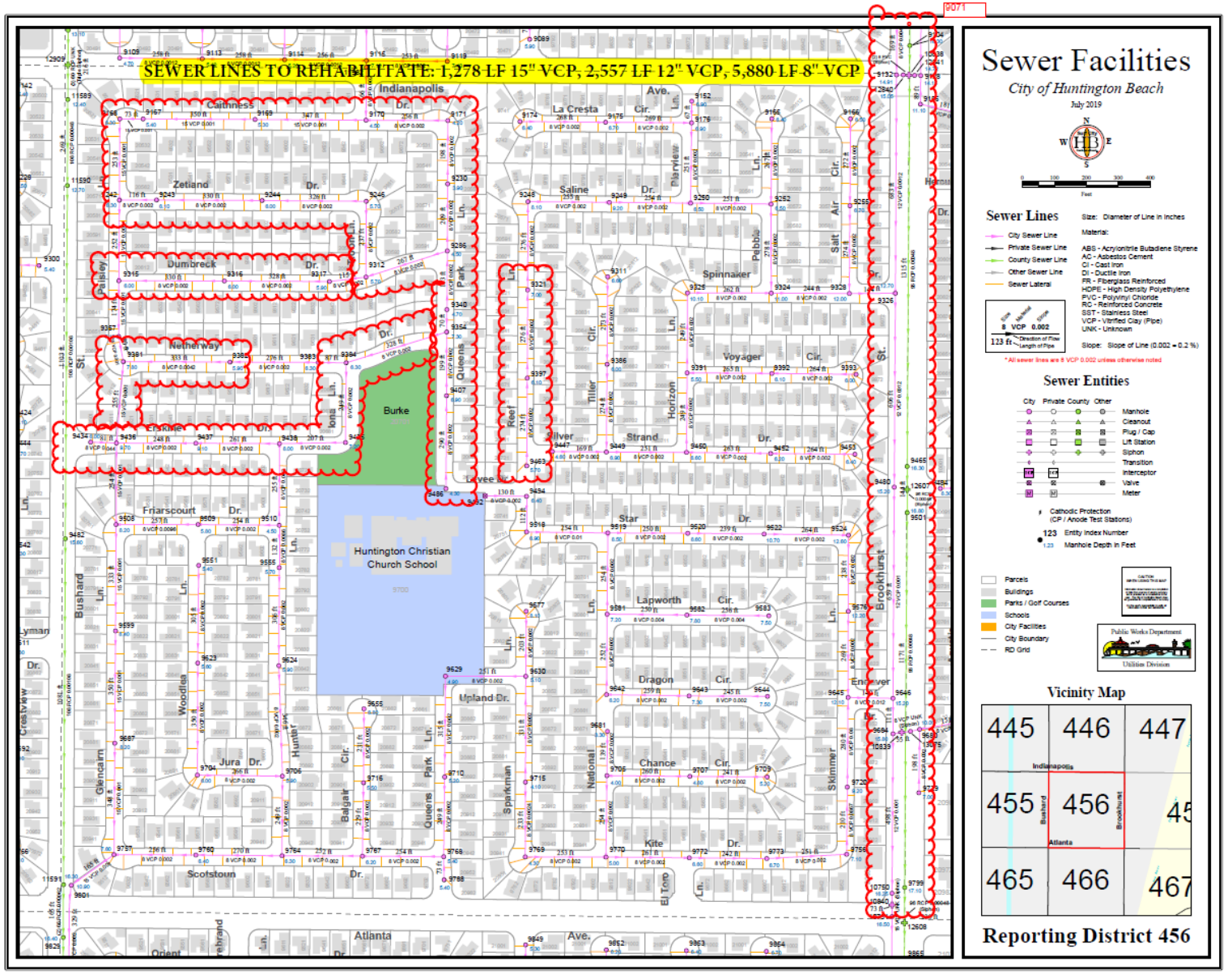
FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 434



FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 443



FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 456



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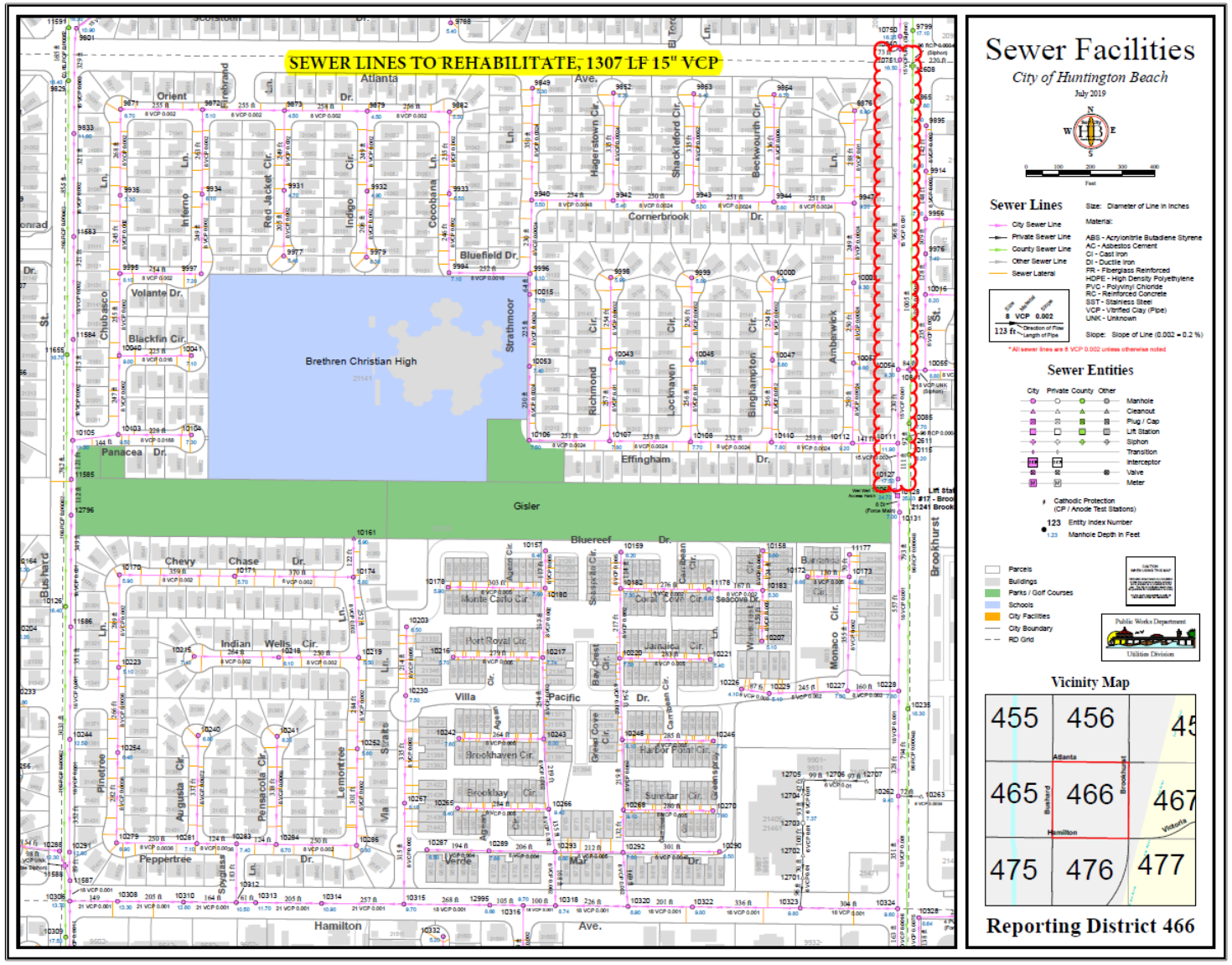
FY 2022/23 SEWER LINING PROJECT LOCATION MAP RD 466



PROJECT BENEFITS

- Extends life of sewers 20 years
- Prevents Sanitary Sewer Overflows
- Increases structural strength of sewers

FUNDING/SCHEDULE

- Construction Bids Received
  - October 5, 2023
- Current Budget
  - $1,658,000 (Sewer Enterprise Fund)
- Request Award to Lowest Bidder – Sancon Technologies, Inc.
  - Total Low Bid = $1,432,642
  - Total Project Cost including Inspection = $1,648,000
- Recommended Action
  - Accept the lowest responsive bid and authorize execution of construction contract with Sancon Technologies Inc.
- Alternative Recommendation
  - Reject Bid
- Construction Start
  - January 2024
- Construction Duration
  - 16 weeks