



# **FY 2022/23 Sewer Lining Project**

August 1, 2023

# BACKGROUND AND PROJECT SCOPE

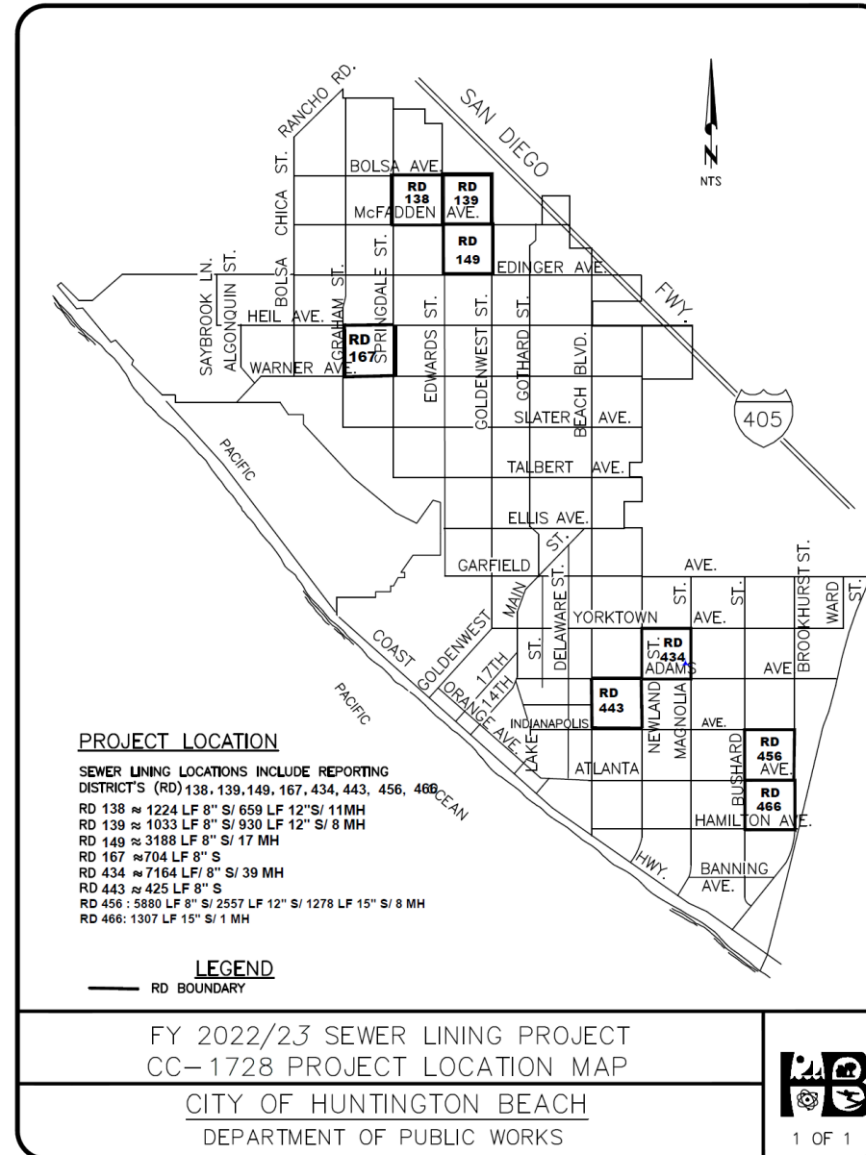
The Engineering and Utilities Divisions identified the need for rehabilitation of existing sewer pipes based on maintenance history and video inspections.

The scope of work for the project includes lining approximately **26,349 lineal feet** of aged sewer main lines identified as a priority this year and **84 manholes**.

The locations have either calcium deposits from groundwater seepage or have joints offset by tree roots. The calcium deposits and roots inhibit sewage flow and will be removed prior to lining. Lining of the pipes is a trenchless operation performed by inserting a liner inside the existing pipe to form a replacement pipe.

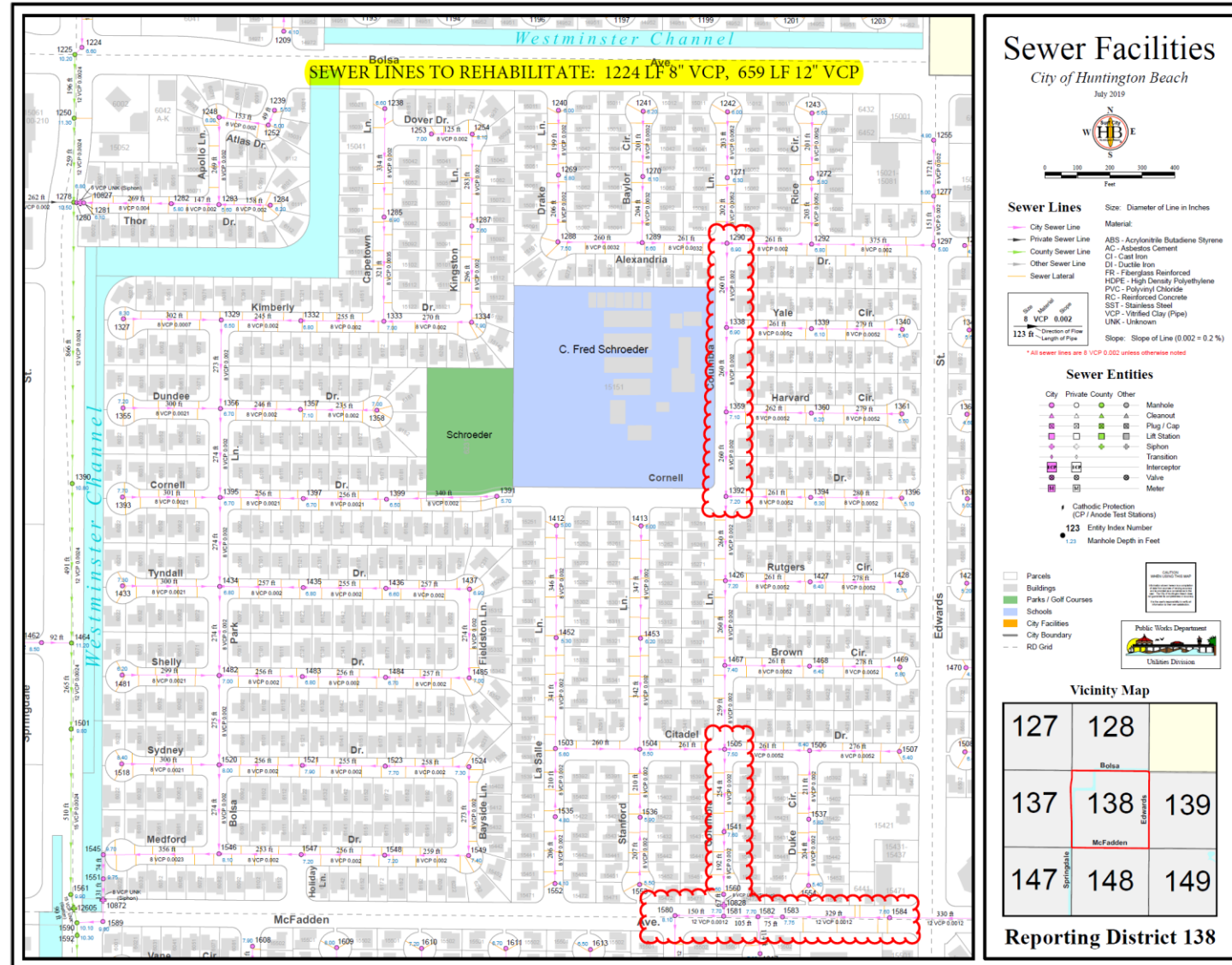


# FY 2022-23 SEWER LINING PROJECT LOCATION MAP



# FY 2022/23 SEWER LINING PROJECT LOCATION

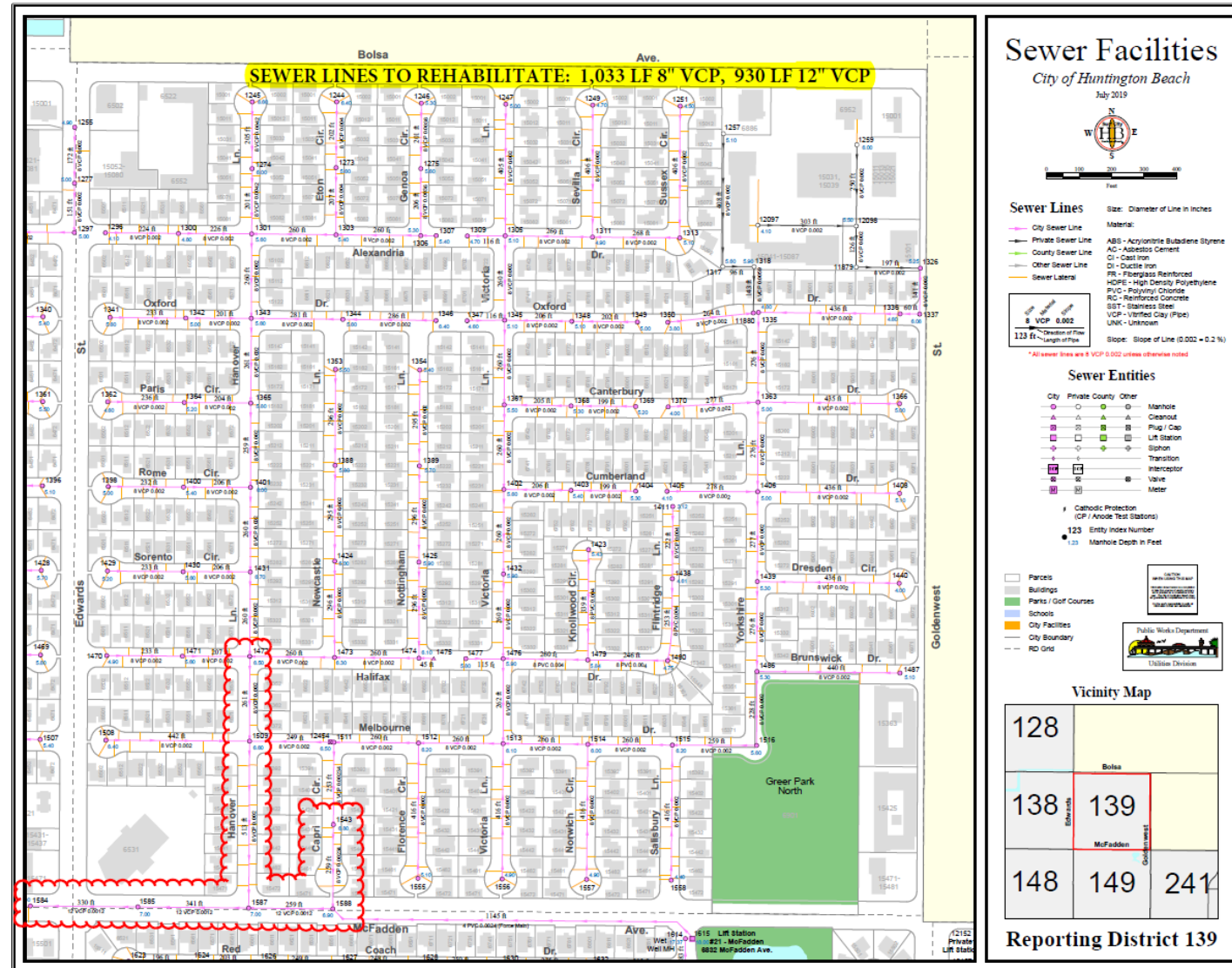
## MAP RD 138





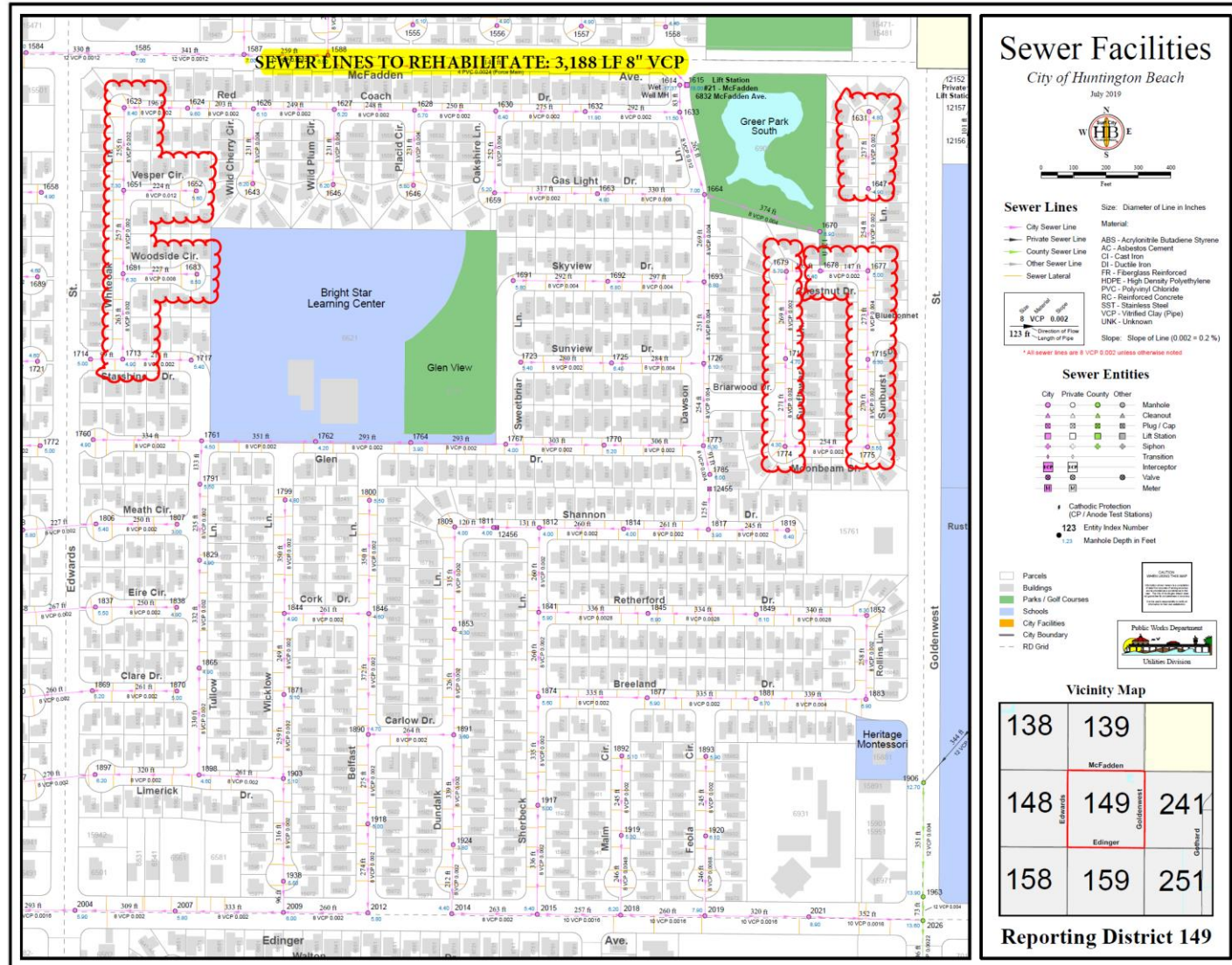
# FY 2022/23 SEWER LINING PROJECT LOCATION MAP

## RD 139



# FY 2022/23 SEWER LINING PROJECT LOCATION MAP

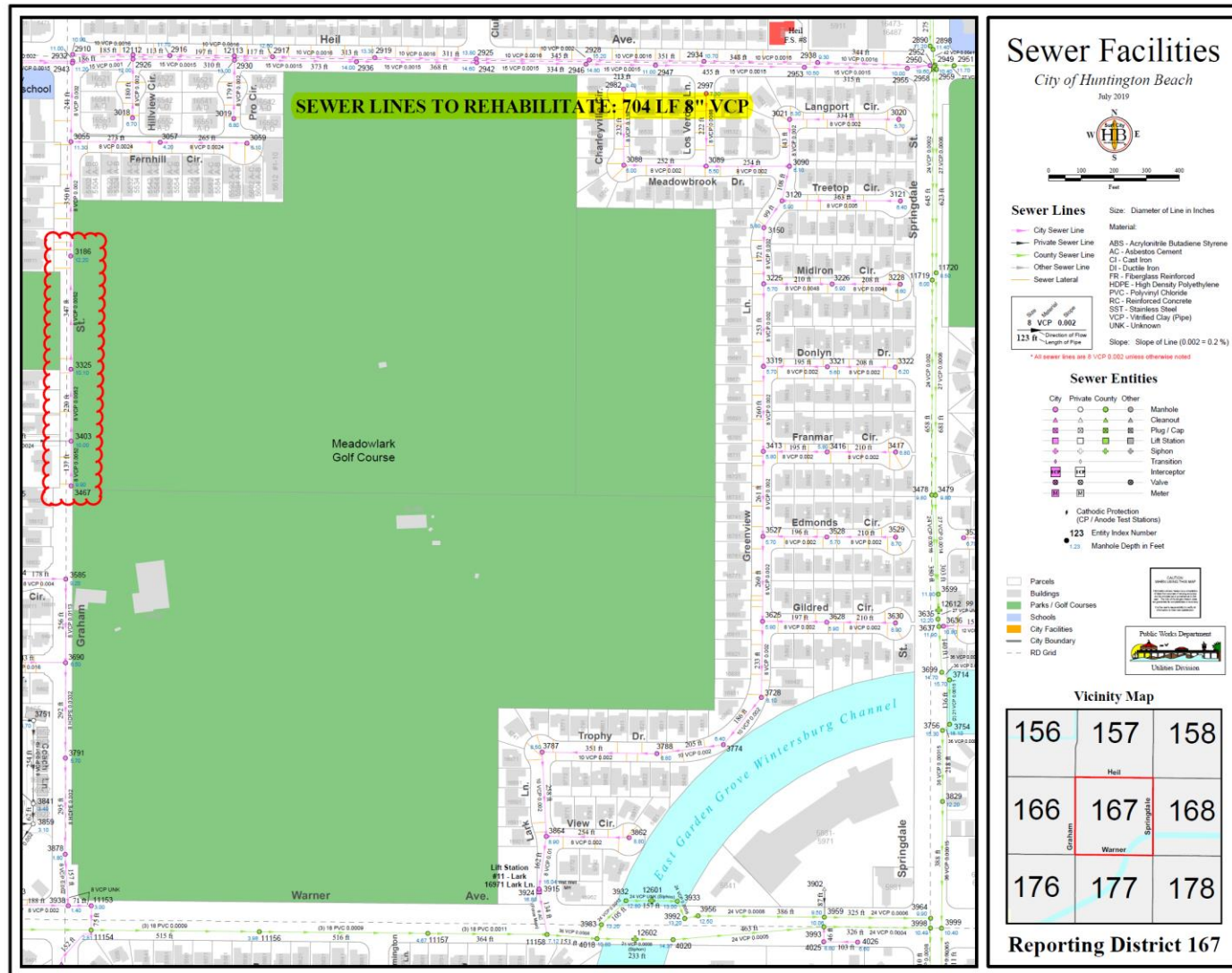
## RD 149





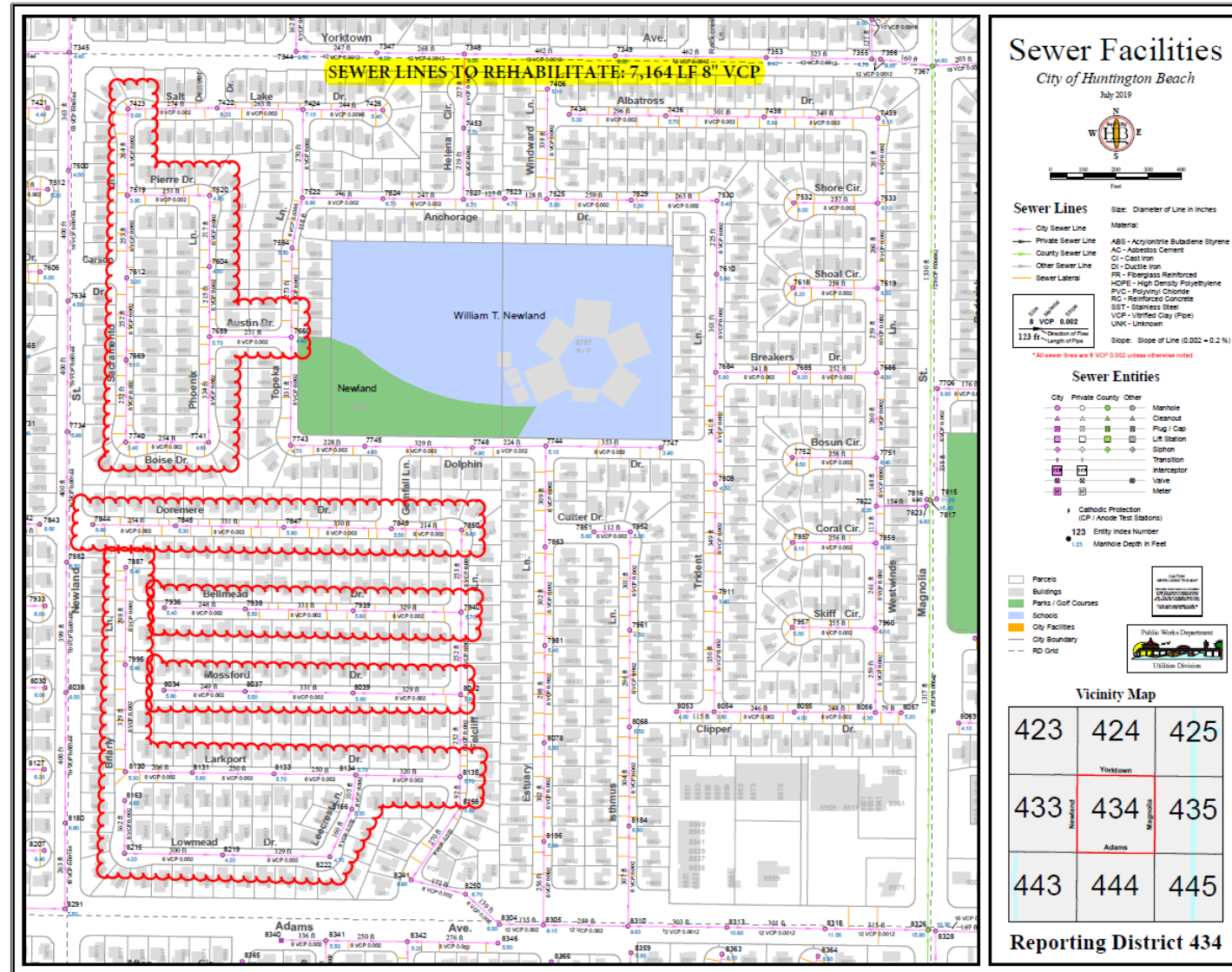
# FY 2022/23 SEWER LINING PROJECT LOCATION MAPS

## RD 167



# FY 2022/23 SEWER LINING PROJECT LOCATION MAPS

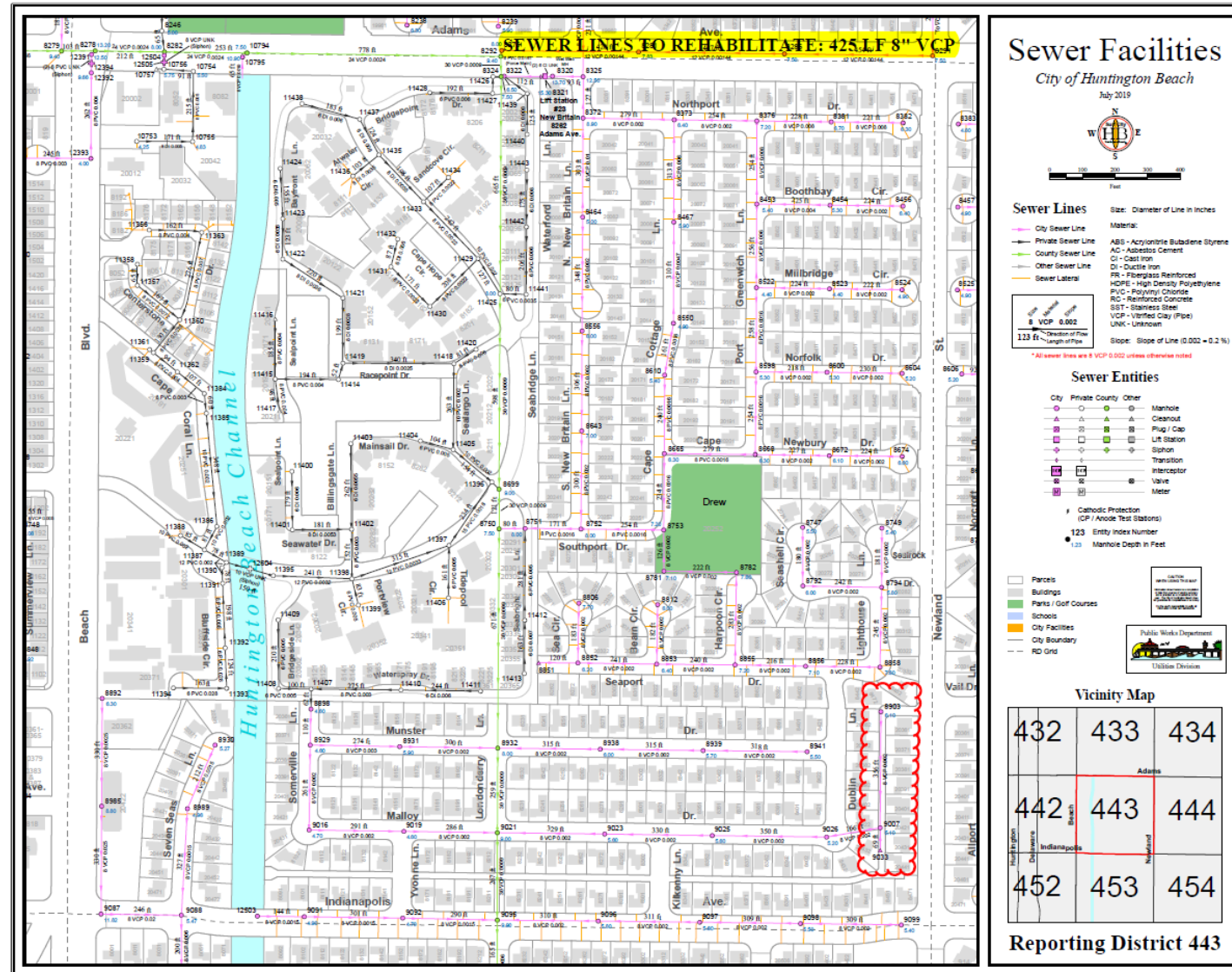
## RD 434





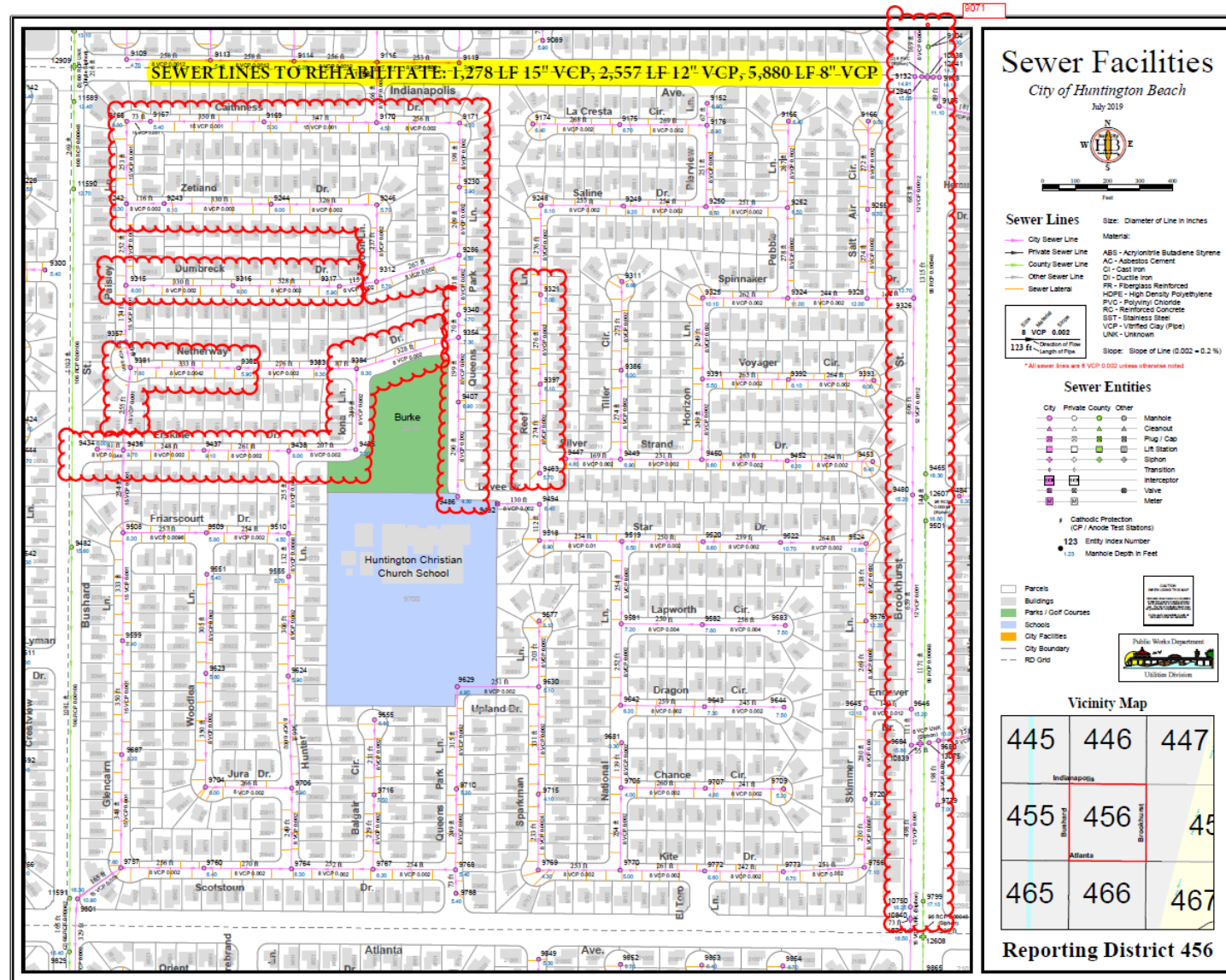
# FY 2022/23 SEWER LINING PROJECT LOCATION MAPS

## RD 443



# FY 2022/23 SEWER LINING PROJECT LOCATION MAPS

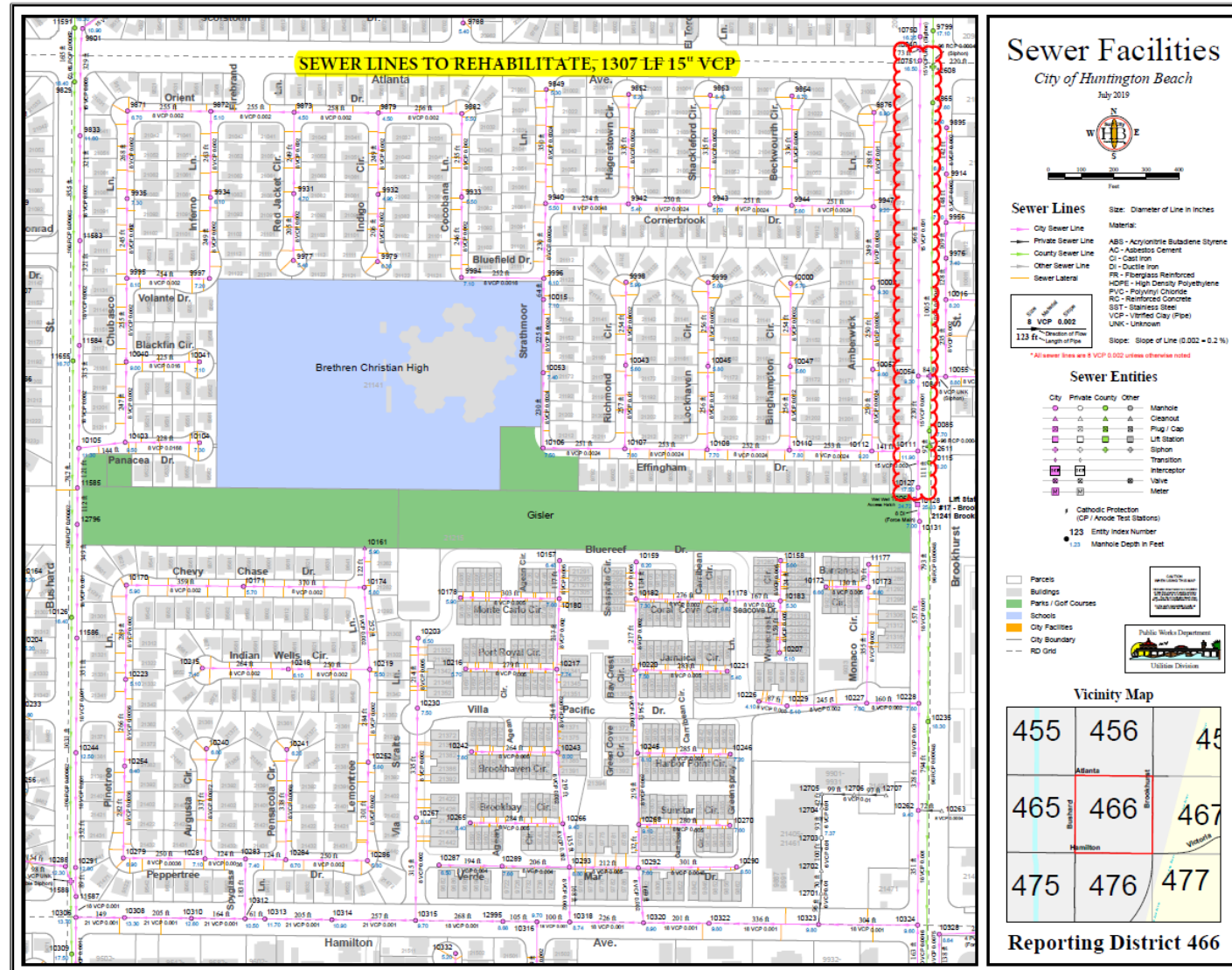
## RD 456





# FY 2022/23 SEWER LINING PROJECT LOCATION MAPS

## RD 466





# PROJECT BENEFITS

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



# PROJECT OVERVIEW

- Construction Bids Received July 6, 2023
- Current Budget (Sewer Enterprise Fund) \$1,592,000
- Council Awarded to Sancon Technologies, Inc. \$1,434,710
- Project not advertised in newspaper, as required by City Charter
- Recommended Action: Reject All Bids
- Alternative Recommendation: Not Applicable



# Questions?

