

#### WATER SYSTEM, SEWER, and PAVING IMPROVEMENTS

# Water System Storage Tanks

The 12 Avenue Ground Storage Tank

- Located at Borough's Water Treatment Plant. Tank rehabilitation project in 2021.
- The rehabilitation included resurfacing and painting the tank, repairing the damaged foundation, and various functional and worker safety upgrades.

**Elevated Storage Tank** 

• Located at Belmar Public Works Building. Tank inspection completed in 2022.

800 12th Ave - Google Maps

• The inspection concluded various maintenance items are necessary to preserve the condition of the tank.

Ground Storage Tank: Pre-and-Post **Rehabilitation Photographs** 







## **Water Service Lines**

Lead (or Galvanized) Water Service Lines

- Commonly installed prior to 1986
- Per NJDEP/EPA requirements, the Borough was required to prepare a lead service line inventory
- Of the Borough's 3,193 water services, the Borough has confirmed the following:
  - 2,077 Services are confirmed to not be a LSL
  - 569 Services identified as an LSL (lead or galvanized)
  - 547 Services have unknown status that will be identified in the future
- The Borough prepared an identification and replacement plan in accordance with the DEP's requirements

Meter Replacement Program

• The Borough is planning a meter replacement program in the near future to keep the water meters up to date



Source: Chris Ehrmann |. "Bay City Buys New Equipment to Deal with Lead Water Service Pipes." *Mlive*, 8 May 2019, https://www.mlive.co m/news/bay-citybuys-new-equipmentto-deal-with-leadwater-servicepipes.html.

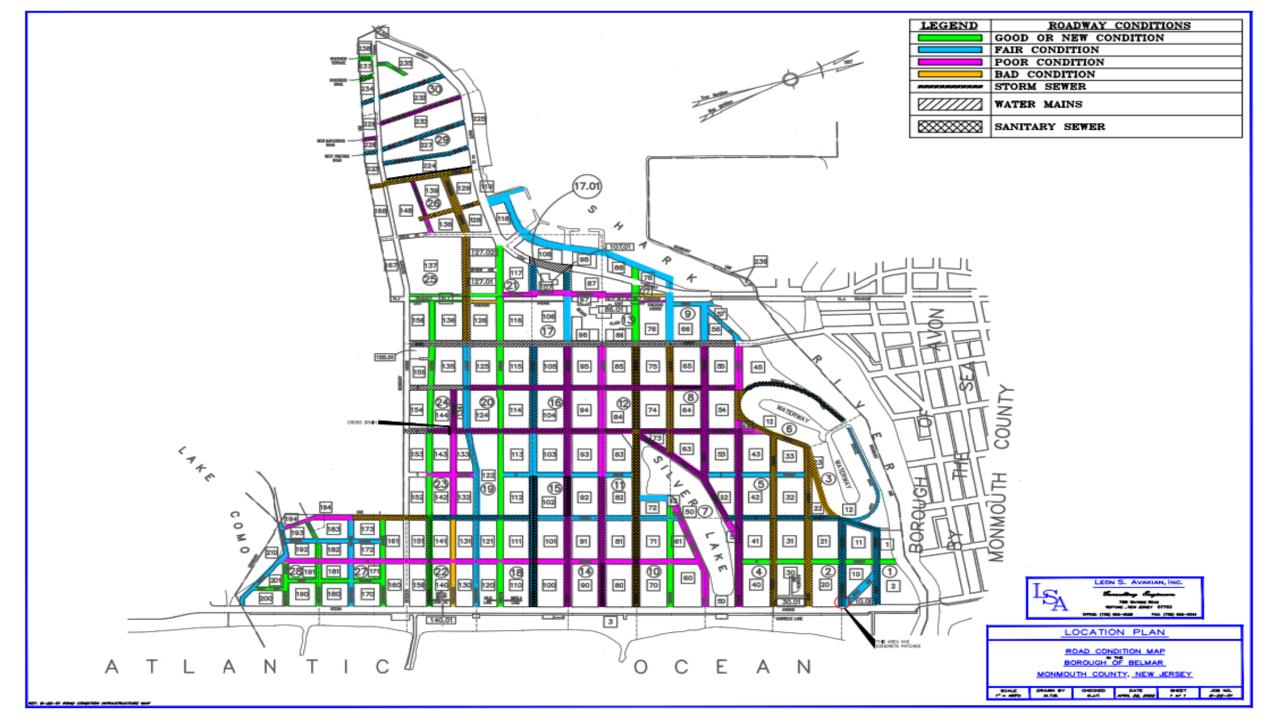
### **Water System Evaluation**

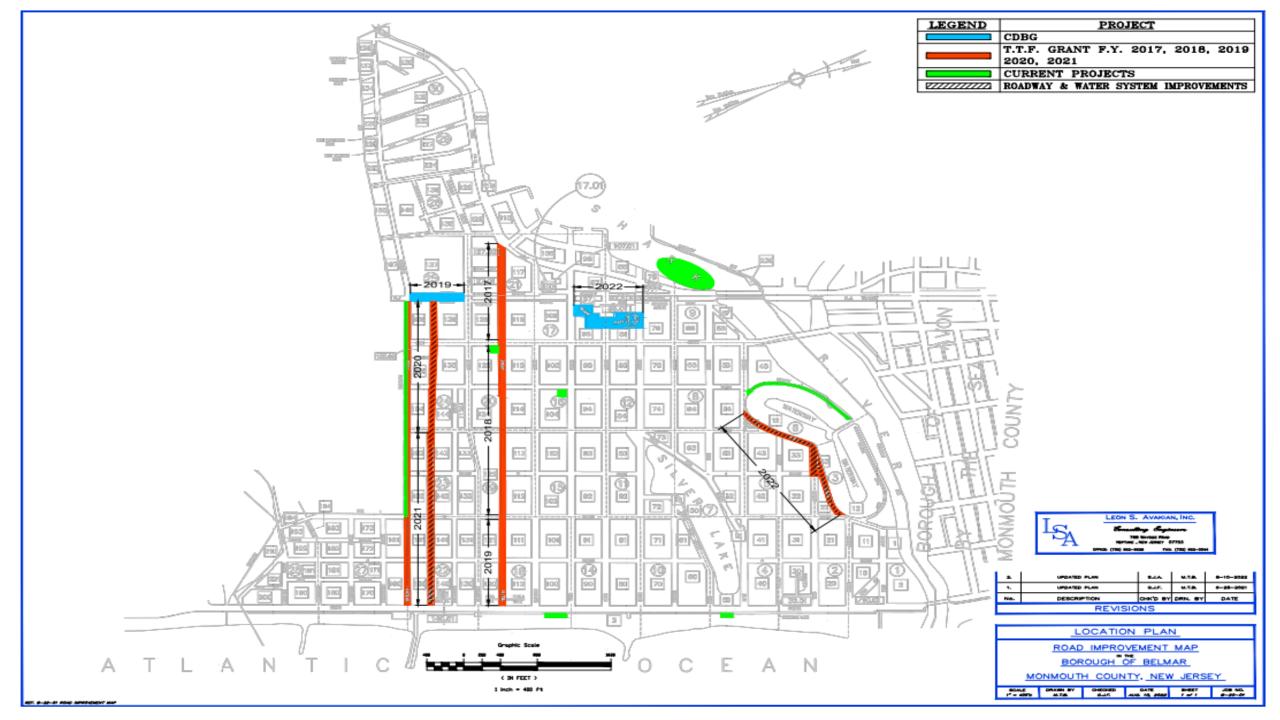
#### 10-Year Improvement Program

- Older and undersized water mains are focus for Borough (increase from 6-inch to 8-inch ductile iron pipe). Examples include:
  - Oakwood Road and Maplewood Road
  - Briarwood Road
  - Pine Tree Road and L Street
- Elevated Storage Tank Rehabilitation

#### 20-Year Improvement Program

- Testing and Rehabilitation of the Borough's Emergency Interconnections
- Replacement of Well No. 10
- Rehabilitation of Well No.'s 12, 13, & 14
- SCADA System Upgrades at Well Sites
- Upgrades to the Borough's Water Treatment Plant (chemical feed updates, security system, raw water piping)





### **Funding: Water, Sewer, and Road Projects**

To date, the total approximate cost for water, sewer, and road projects is \$3,290,763.00 The borough has received \$2,261,145.57 in grant funding (TTF, CDBG, ARF)

The borough has contributed the remaining \$1,029,617.43 to further the projects

