



# Interceptor Master Plan

Planning Committee

December 9, 2025

Amit Mutsuddy, Director of Wastewater



# Agenda

- Interceptor System Overview
- Recent Emergency Projects
- Interceptor Master Plan (IMP) Approach
- Next steps

# Wastewater Infrastructure

## BY THE NUMBERS

**88** Square Miles

**740k** Customers

**1,600** Miles of Private Sewer Laterals

**1,600** Miles of Pipe in the Collection System

**37** Miles of Interceptor & Force Main Pipe

**1** Wastewater Treatment Plant

**3** Wet Weather Facilities

**15** Pump Stations

**14** Level Monitoring Stations

**5** Overflow Structures

**E**  
**B**  
**M**  
**U**  
**D**



# Recent Emergency Projects

- Sinkhole at Kennedy St. and Dennison St., Oakland (2022)
- Sinkhole at south end of Coliseum parking lot, Oakland (2022)
- Pipe wall failure at Second St., south of University Ave., Berkeley (2022)



# Improvements to Date

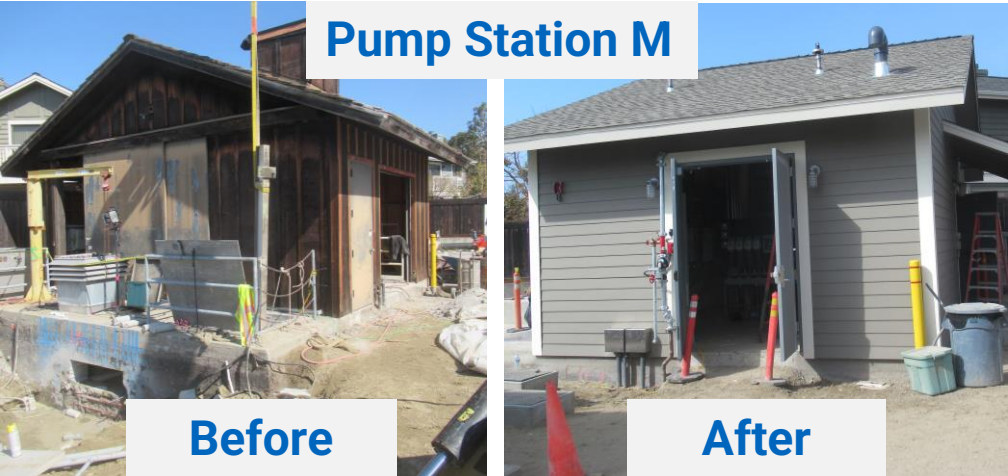
South Interceptor Special Structures Rehab



South Interceptor Rehab 3rd St.



Pump Station M



Before

After

# IMP Approach

- **Condition Assessment**

- Low effort pole inspections
- High effort CCTV inspections – 10,640 LF
- Pump Stations – A, D, E, F, J, K, and Q
- Force main condition analysis

- **Risk Assessment**

- Each asset scored for likelihood of failure (LOF) and consequence of failure (COF)
- LOF and COF were scored on a scale from 1 (best) to 5 (worst)
- Used risk assessment results to prioritize necessary capital projects

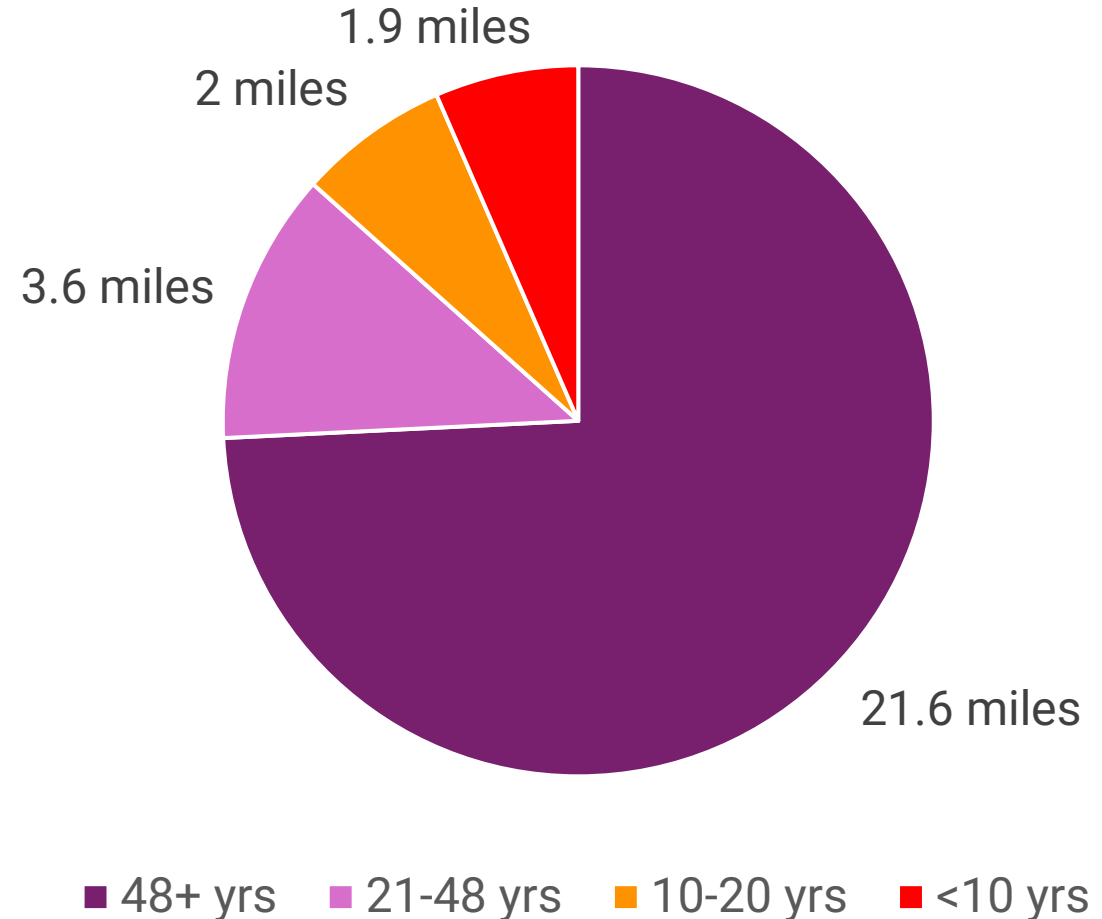
- **Corrosion Modeling**

- Insight into corrosion hot spots – helps to target inspection efforts
- Model predicts where corrosive compounds are generated the most and contributes to likelihood of failure scores.

# Condition Assessment Results

## Interceptor Remaining Useful Life Summary

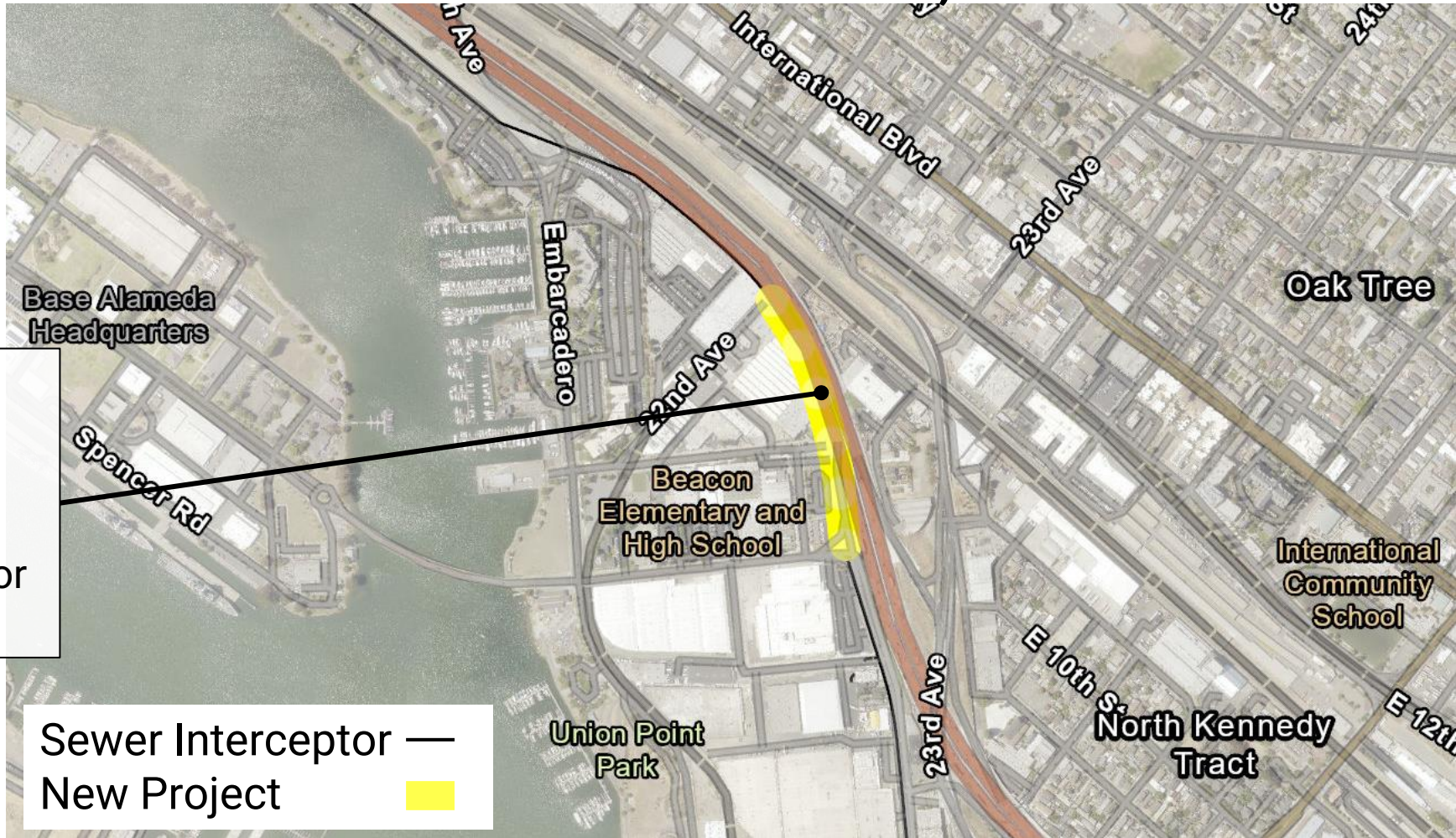
- 25.2 miles (87%) 21+ years
- 1.9 miles (6.4%) <10 years





# IMP Recommendations – Capital Projects

## Dennison to 22<sup>nd</sup> Ave., Oakland

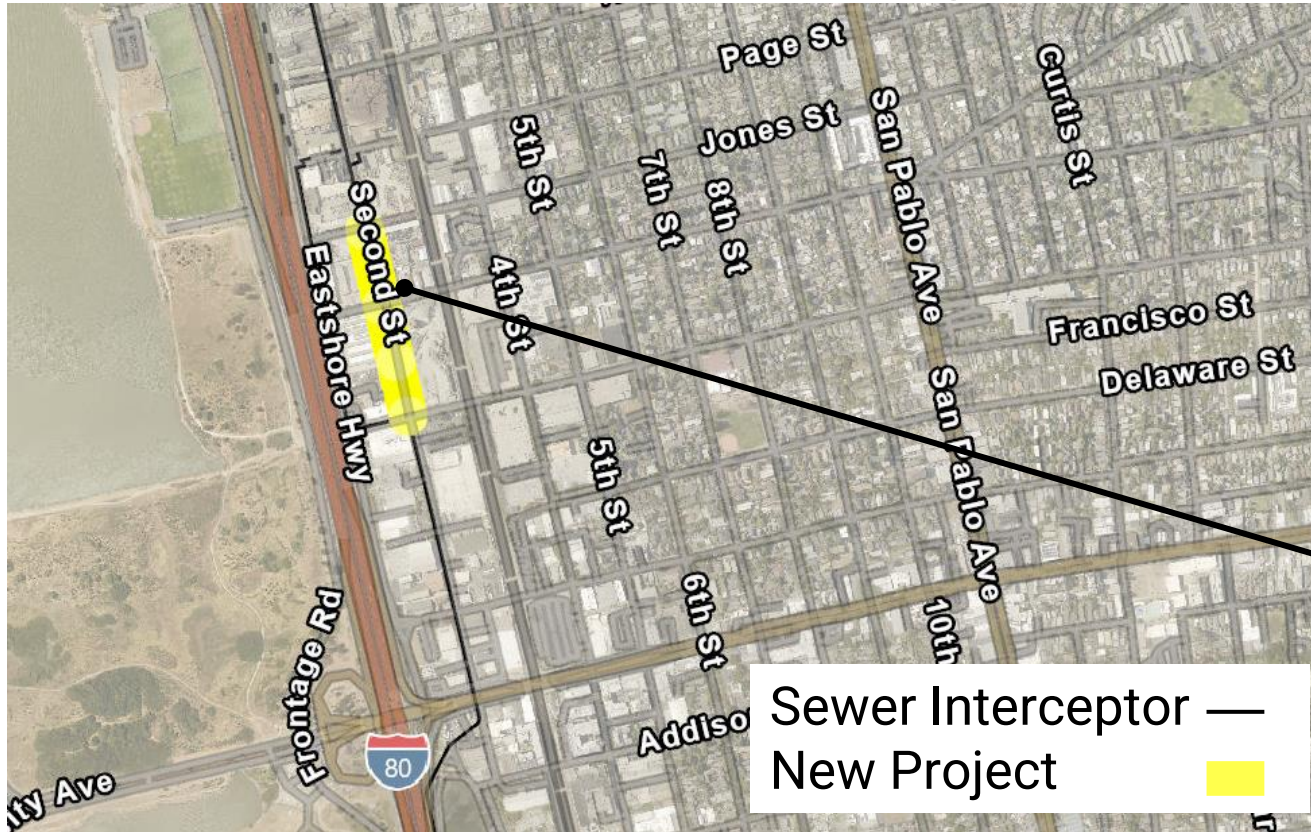


### New Project

- LOF – 5 (worst)
- COF – 5 (worst)
- Exposed rebar
- Very difficult access for construction

# IMP Recommendations – Capital Projects

## Second St. – Jones St. to Virginia St., Berkeley



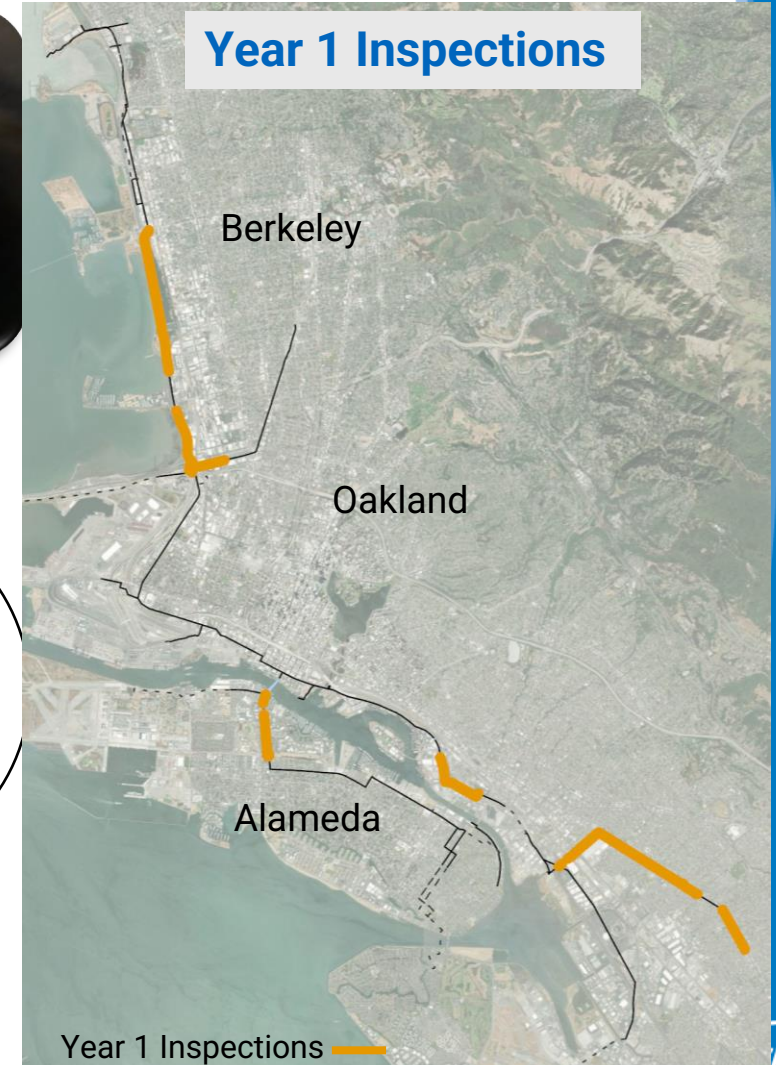
### New Project

- LOF – 4
- COF – 1
- Exposed rebar

# IMP Recommendations – Inspections

**Recommended ~10,000 LF per year of inspections**

- Will help determine which subsequent inspections for following years
- Will help prioritize future rehabilitation projects by updating LOF scores



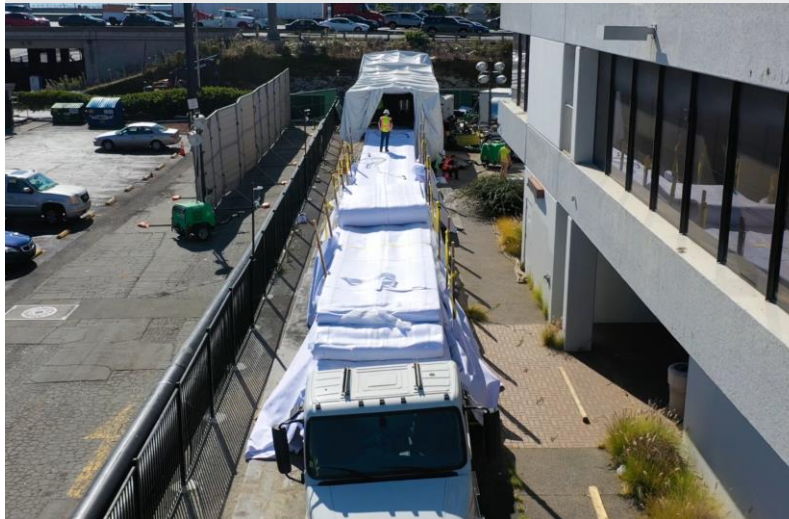
# Rehabilitation Progress – Current Projects

- North Interceptor Emeryville Rehabilitation – Operationally Complete
- Alameda Interceptor Rehabilitation Phase 4 – in Design
- South Interceptor Rehabilitation Coliseum – in Design

**Bypass Pumping in Emeryville  
During Construction**



**Preparing to Install CIPP Liner**

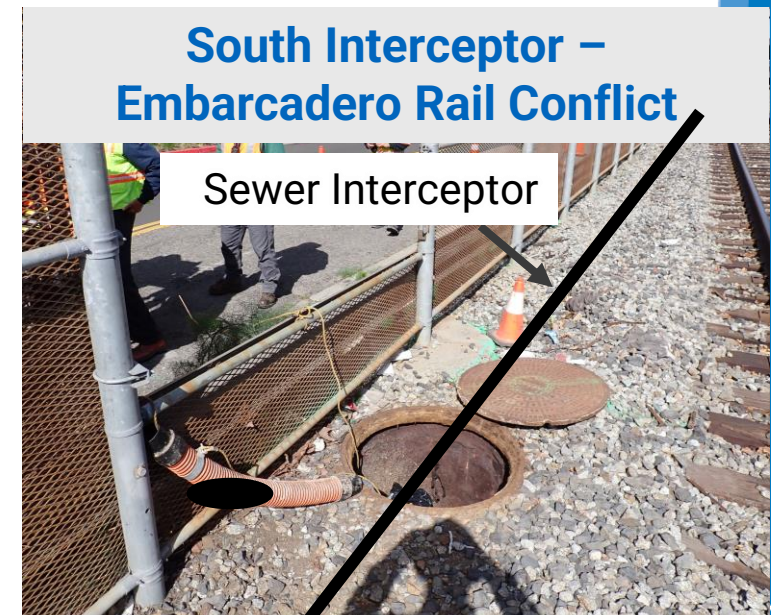


**Location of Future Project -  
Coliseum Parking Lot**



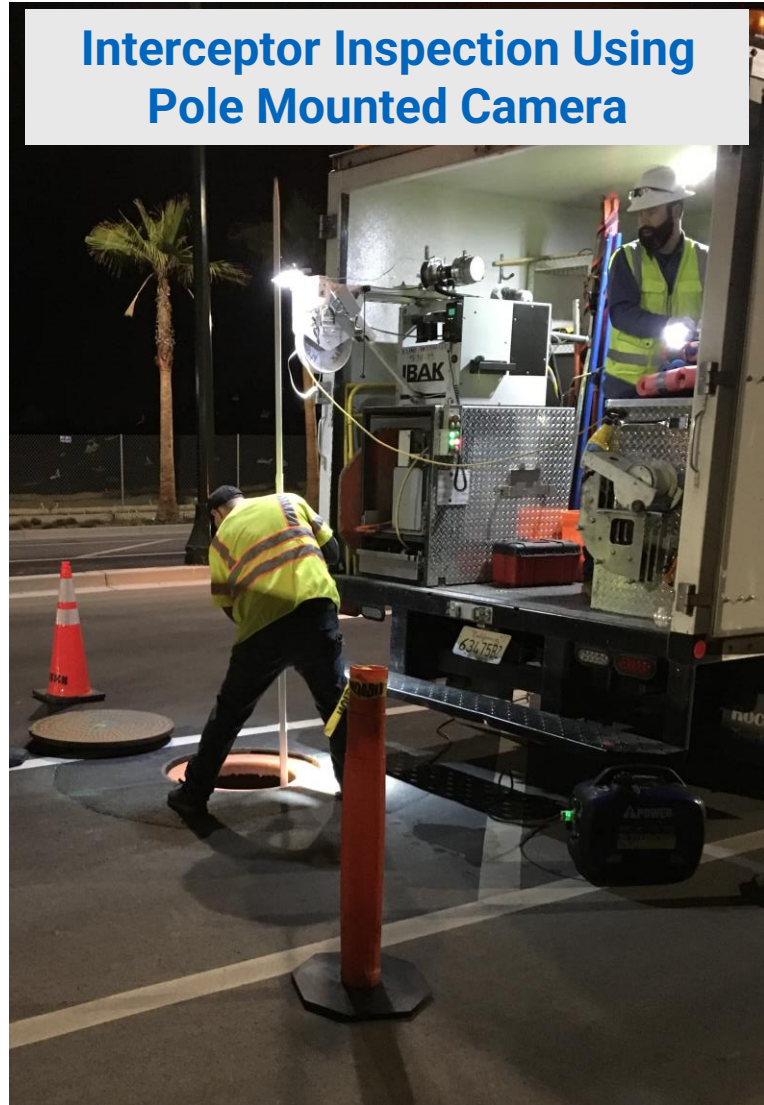
# Rehabilitation Progress – Upcoming Projects

- Alameda Channel Crossing in Bay Farm Island/Alameda
- South Interceptor Rehabilitation, 22<sup>nd</sup> Ave. (New Recommendation)
- South Interceptor Rehabilitation, Embarcadero in Jack London Square area



# Next Steps

- Complete interceptor rehabilitation projects already in progress
- Begin annual inspections to capture latest asset condition
- Start next round of interceptor rehabilitation projects in FY 2027



# Questions?





# Records Retention Schedule Update

Planning Committee  
December 9, 2025

Rischa Cole, Secretary of the District



# EBMUD's Records Retention Schedule (RRS)

- Legal authority for managing District records
- Ensures compliance with laws, regulations, and legislation
- Protects vital and historical information
- Improves efficiency and reduces risk
- Maintained by the Secretary as Custodian of Records
- Last full RRS update adopted by the Board in 2012; Board granted General Manager (GM) authority to approve amendments
- RRS last amended in 2016 under GM authority

# Secretary of State Guidance

- Recommend RRS review at least every five years
- Update if needed to reflect business practices and technology
- District review initiated in 2022 with consultant support beginning in 2023
- Updating the District's RRS enhances transparency, compliance, and District efficiency

# Current RRS

- Organized by Record Series
- Contains records/record series no longer created, used and/or maintained at the District
- Missing records/record series currently used and maintained by staff
- Does not reflect current or proposed retention periods for some records/record series

# Updated RRS Structure

- Organized by Department
- Includes Districtwide administrative categories
- Includes current legal retention rules
- Aligns District practices with current laws, technology, and business needs
- Detailed citation and legal basis information and administrative decisions for keeping records beyond recommended retention period

# Work Completed to Date

- Departments inventoried records and completed file plans
- First draft schedules sent to consultant in 2024
- Extensive revisions resubmitted to consultant
- Concurrent meetings with departments underway to review schedules

# Districtwide Records Management Policy

- Establishes a formal framework and provides comprehensive direction on managing District records from creation to destruction
- New policy will incorporate portions of Procedure 609 – Revisions to Records Retention Schedule

# Next Steps

- Consultant revisions due December 2025
- Final draft RRS with consultant
- Board adoption of RRS and policy in spring 2026
- Recommend to continue GM delegated authority to approve future amendments



Credit: iStock



Questions?

