



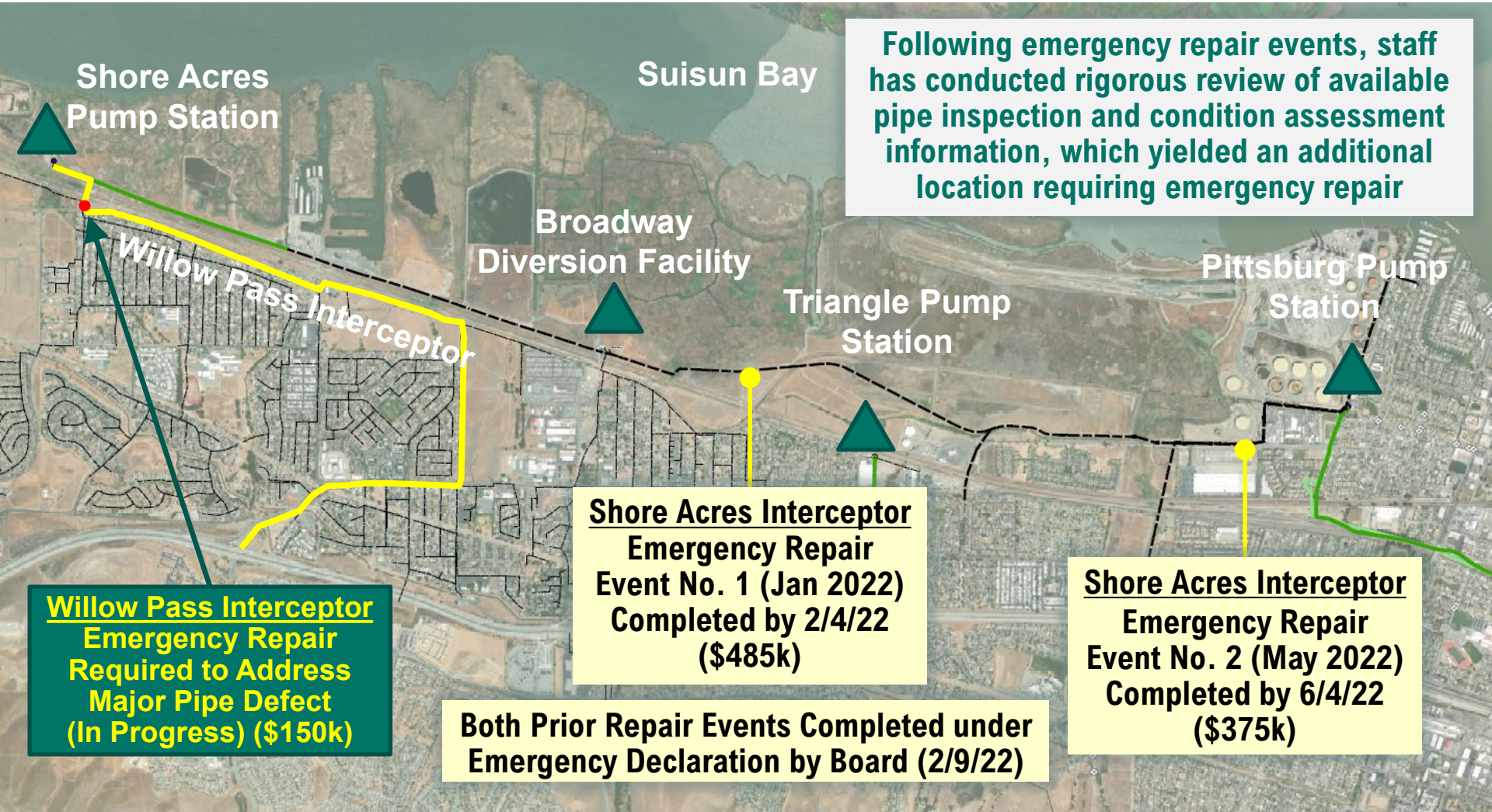
# Willow Pass Interceptor Emergency Repair Authorization

Board of Directors Meeting  
July 13, 2022





# Willow Pass Interceptor Site Location



Following emergency repair events, staff has conducted rigorous review of available pipe inspection and condition assessment information, which yielded an additional location requiring emergency repair

**Willow Pass Interceptor  
Emergency Repair  
Required to Address  
Major Pipe Defect  
(In Progress) (\$150k)**

**Shore Acres Interceptor  
Emergency Repair  
Event No. 1 (Jan 2022)  
Completed by 2/4/22  
(\$485k)**

**Shore Acres Interceptor  
Emergency Repair  
Event No. 2 (May 2022)  
Completed by 6/4/22  
(\$375k)**

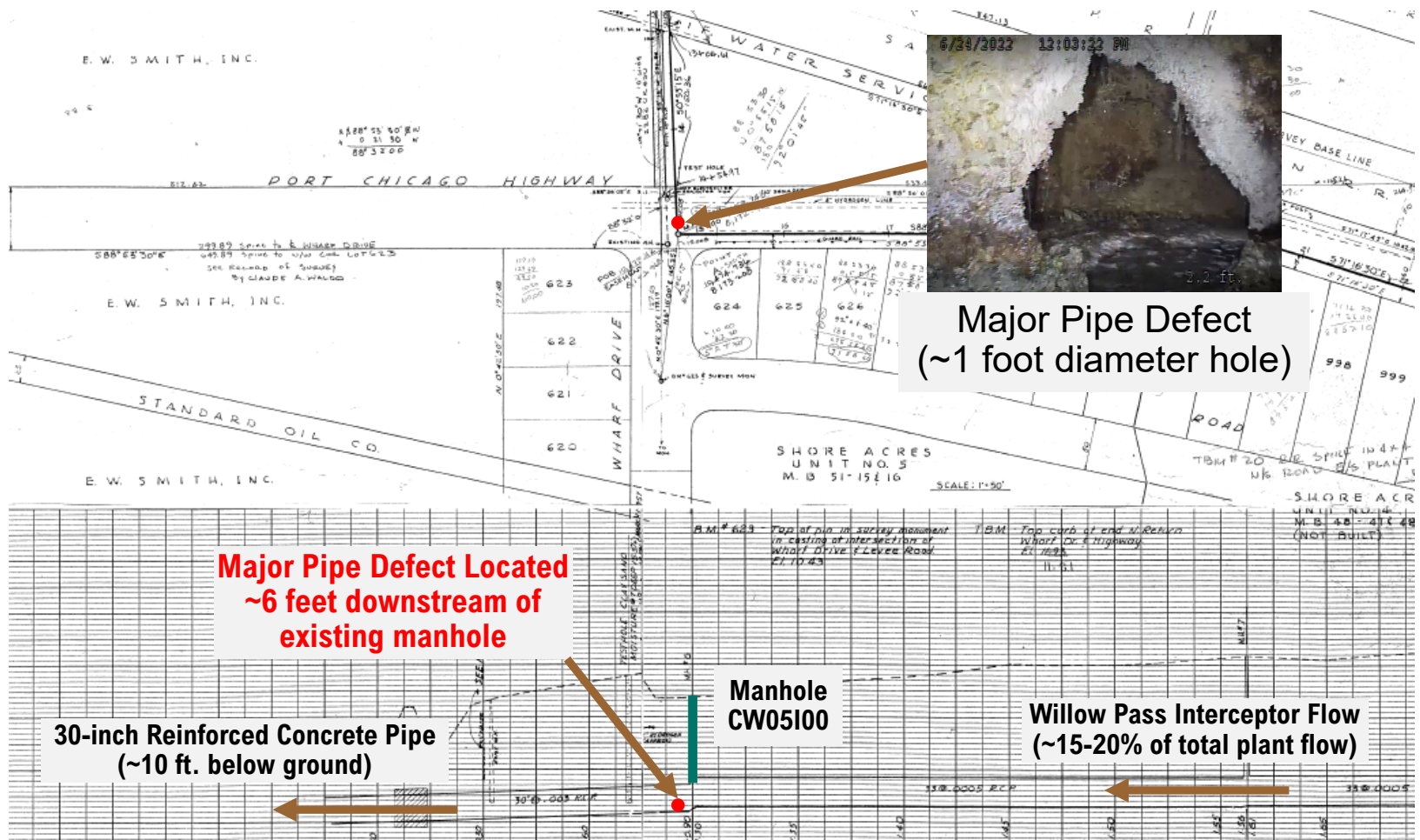
**Both Prior Repair Events Completed under  
Emergency Declaration by Board (2/9/22)**

# Willow Pass Interceptor Major Pipe Defect Event Summary



- Staff recently conducted comprehensive review of available condition assessment info to address infrastructure vulnerability issues in wastewater conveyance system
- Major structural defect (i.e., one hole, ~1 foot in diameter) discovered in 30-inch Willow Pass Interceptor in June 2022
  - Defect has not resulted in sanitary sewer overflow (SSO) but poses significant risk of expanding and potentially creating a sinkhole in the roadway (Port Chicago Highway) and/or causing pipeline collapse
- Immediate actions by staff to address pipe defect
  - Conducted CCTV re-inspection to confirm current internal condition
  - Under GM authorization (subject to Board ratification and emergency declaration), directed contractor to begin procuring materials, repairs
  - Contractor to commence field repair work by mid-July 2022
  - Staff to monitor site location until completion of point repair

# Willow Pass Interceptor Pipeline Defect





# Willow Pass Interceptor Additional Non-Emergency Repair Work



- In addition to repairing major pipe defect at single location, staff has identified need to conduct prioritized rehabilitation of extended length of Willow Pass Interceptor (TBD: ~1,000-4,000 ft)
  - Staff is requesting that the Board authorize creation of a new project (Willow Pass Interceptor Repair) to facilitate initiation of design work and development of a prioritized repair plan (+\$150k)
  - Requires Board authorization to transfer \$300k from WW Capital Asset Replacement Fund reserves to fund \$150k in emergency repair costs and \$150k for initiating design work for non-emergency repair of additional segments along the Willow Pass Interceptor
  - Staff will return to Board in future for additional budget authorization for detailed design (fall 2022) and construction services contract (spring 2023) award

# Recommended Actions

1. Adopt resolution declaring that, as of June 27, 2022, public interest and necessity demanded immediate expenditure of public money to repair a major structural defect, with significant potential for loss of wastewater flow conveyance, in a 30-inch RCP gravity sewer segment of the Willow Pass Interceptor to safeguard life, health, and property, without submitting the expenditure to bid, pursuant to Public Contract Code Section 20783
2. Ratify the General Manager's negotiation and execution of agreements for materials procurement, construction, and other related services as required to complete emergency repair of the Willow Pass Interceptor in a total combined amount not to exceed \$150,000

# Recommended Actions (cont'd)



3. Ratify the General Manager's establishment of a new FY22/23 project within the WW CAR Fund, entitled Willow Pass Interceptor Repair Project and transfer of monies from WW CAR Fund Reserves, in the amount of \$300,000, for a total project budget of \$300,000
4. Determine that the emergency repair of the Willow Pass Interceptor is exempt from environmental review under CEQA, and direct General Manager, or his designee, to file a CEQA Notice of Exemption (NOE) with the County Clerk-Recorder