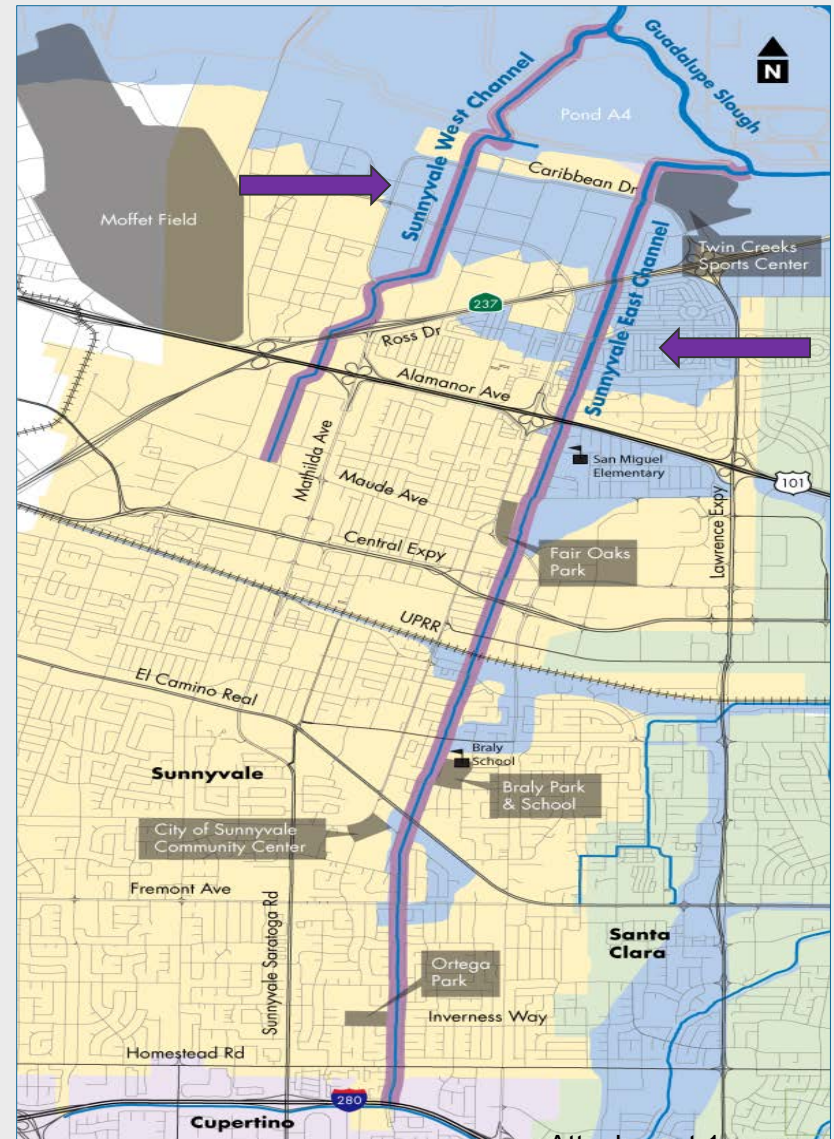
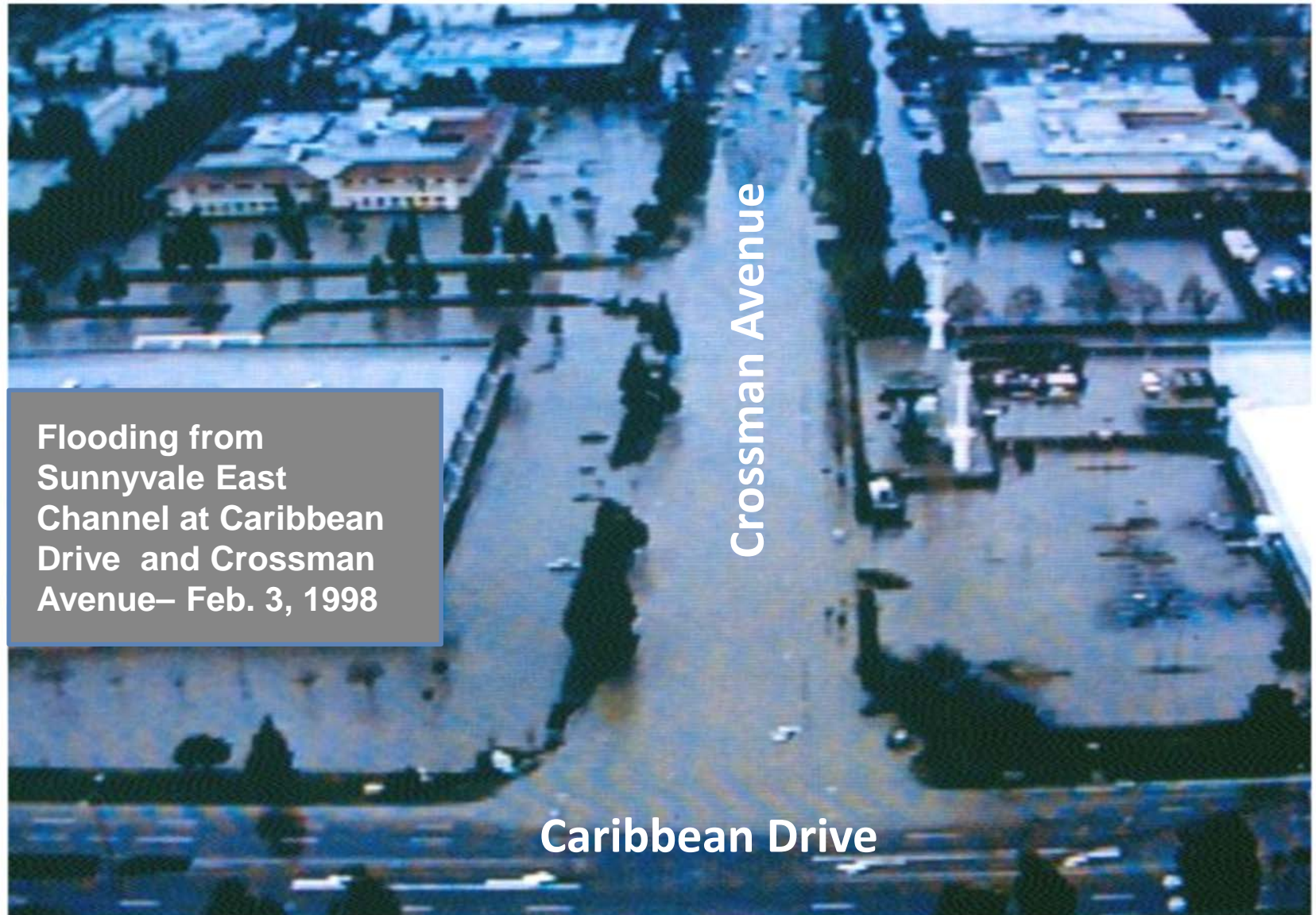


# Sunnyvale East-West Flood Protection Project

- Storm drain channels constructed by the District in 1960's;
- Historical flooding in 1963, 1968, 1983, 1986 and 1998;
- Project is funded by Safe Clean Water measure;
- Design 99% Complete (9.4± miles);
- Submitted permit applications to Resource Agencies (June 2017);
- Permanent right-of-way acquisition complete
  - TCE's pending;
- Construction Contract Award— Late of 2019



# Sunnyvale East-West Flood Protection Project





# Sunnyvale East Channel

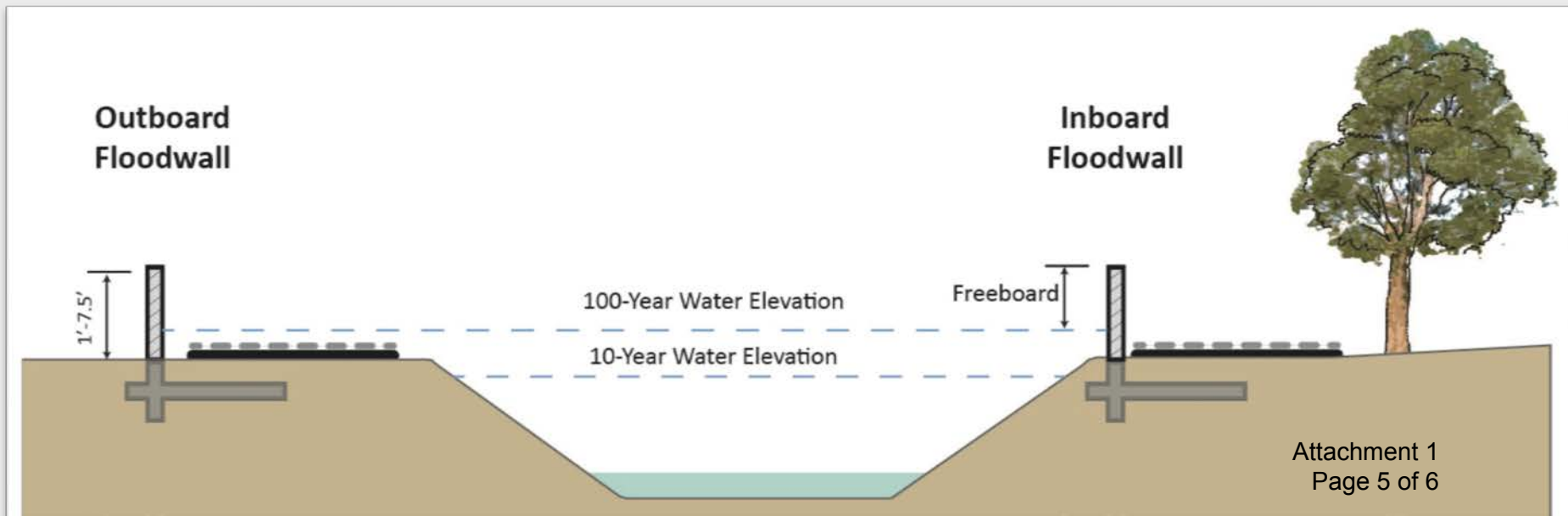


# Sunnyvale West Channel



# Proposed floodwalls

- ▶ Provides 100-year flood protection and meets freeboard standards
- ▶ East Channel: S.F. Bay to U.S. 101
- ▶ West Channel: S.F. Bay to Mathilda Avenue
- ▶ Vertical heights ranging from 1 foot to 7.5 feet above ground





# Proposed bridge/culvert modifications

- Provide 100-year flood protection and meet freeboard standards

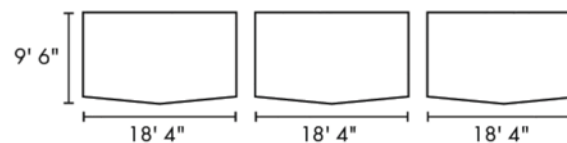
## Bridge/culvert replacements

- East Channel: Caribbean Drive Bridge
  - Replace with larger bridge, triple box culvert
  - Requires traffic management during construction
- West Channel:
  - Carl Road Culvert: Replace with larger, single box culvert
  - Java Drive: Reinforced Concrete Box culvert extension

Caribbean Drive Bridge



Triple Box Culvert Section



Santa Clara Valley  
Water District

