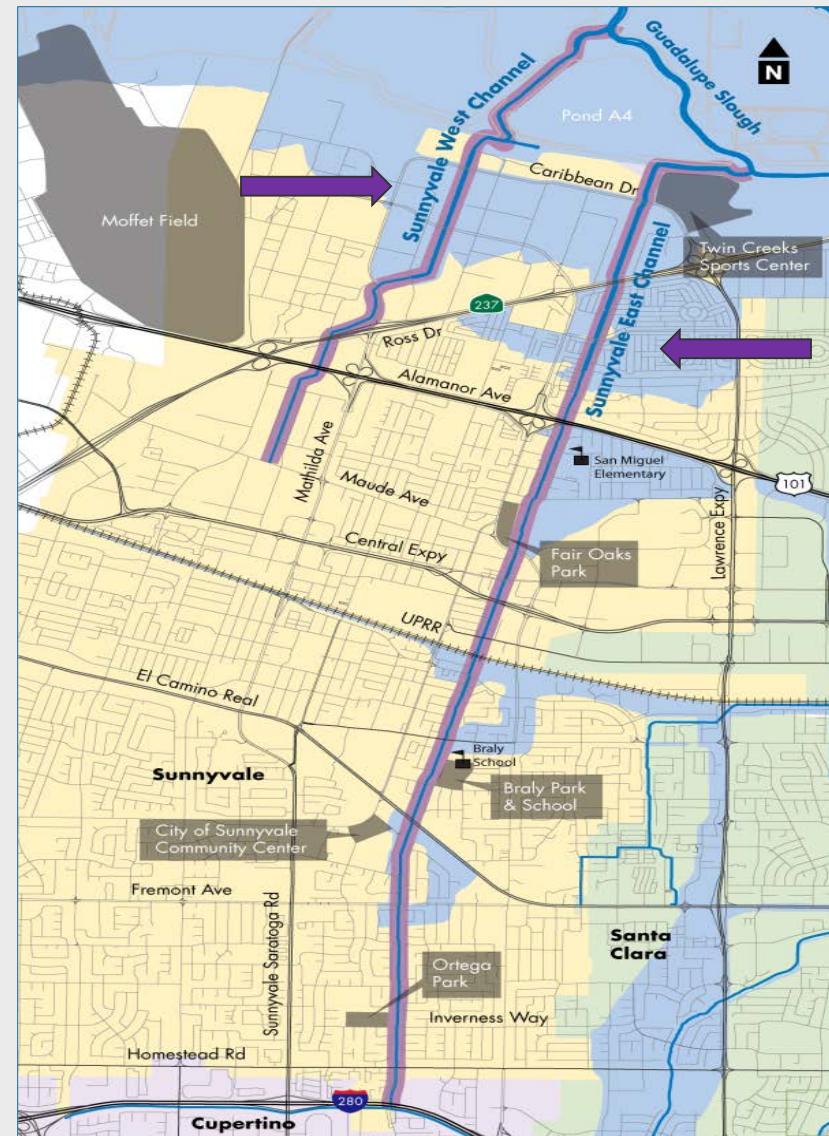
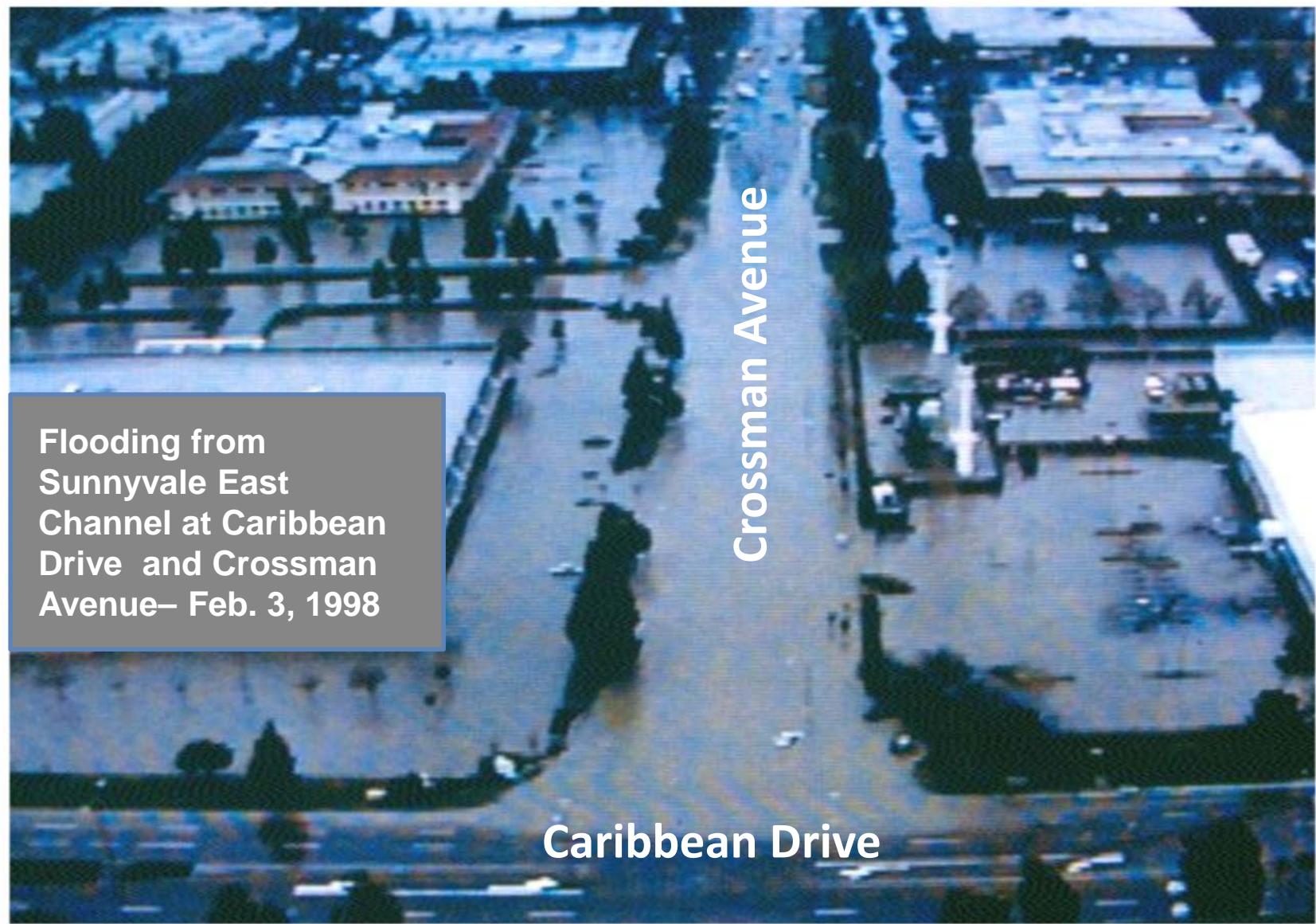


Sunnyvale East-West Flood Protection Project

- 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 ($9.4 \pm$ 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

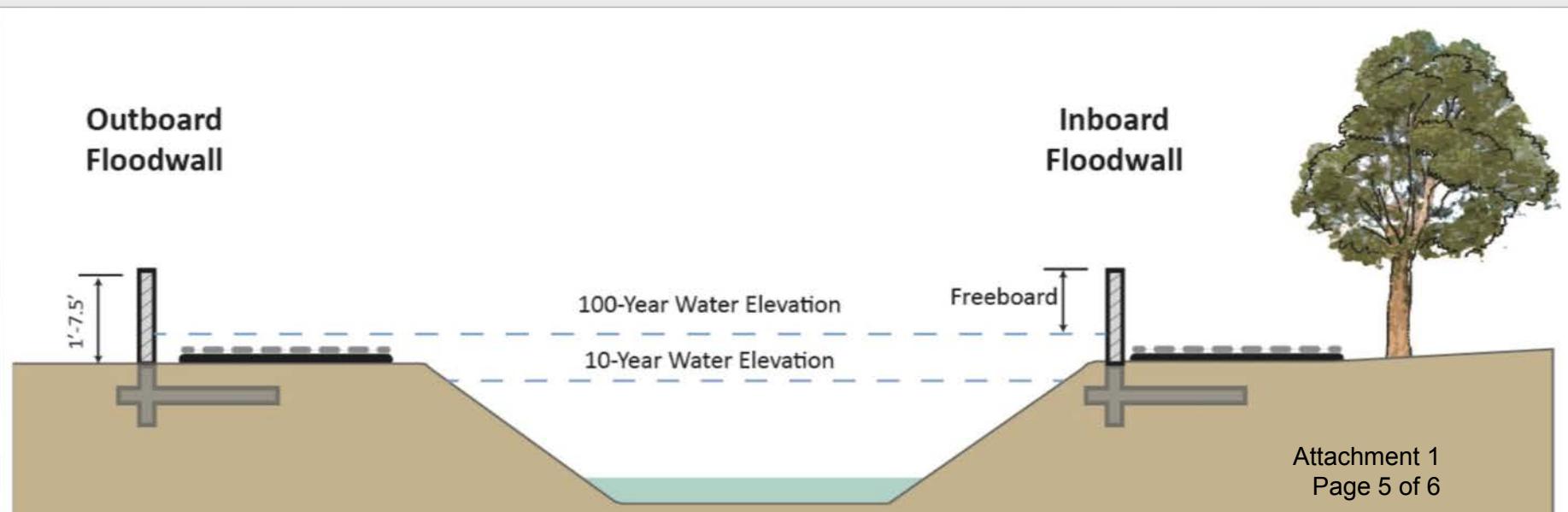


Sunnyvale West Channel



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

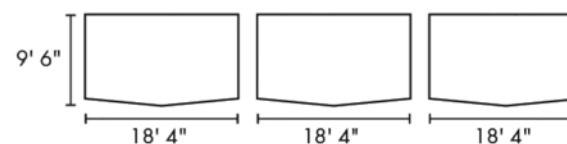
Bridge/culvert replacements

- 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

