C/CAG WATER COMMITTEE PRESENTATION BAYFRONT CANAL





Project History and Consequences

Past

- 60 years of repetitive flooding
- 40 significant events (1951-2017)
- Nuisance flooding (2-3 events/year)



Bay Road, Redwood City December 2014

Present

- Storm frequency and severity
- Increasingly high tides

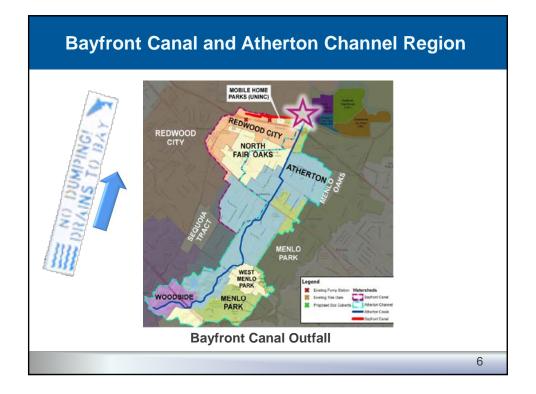
Impact

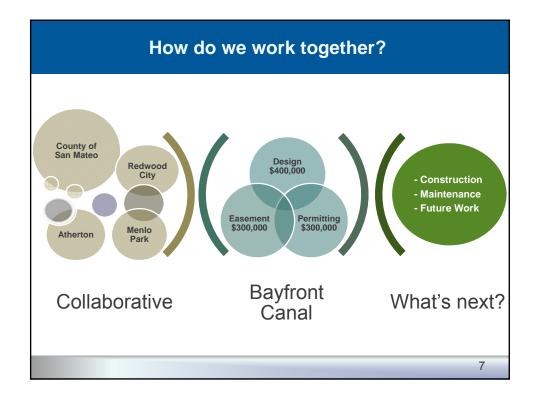
- Public health and safety
- Street closures
- Property damages (private & commercial)
- Necessary for future projects

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Flow Contributions = Funding Contributions

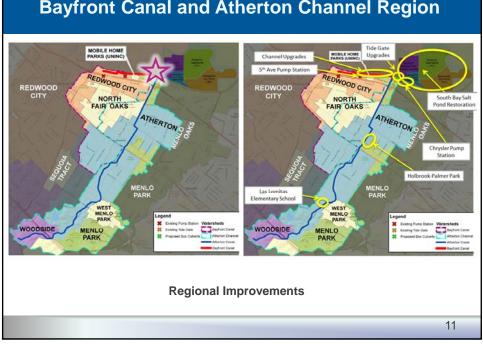
Subwatershed Contributions

- Evaluated watershed and determined sub-watershed flows

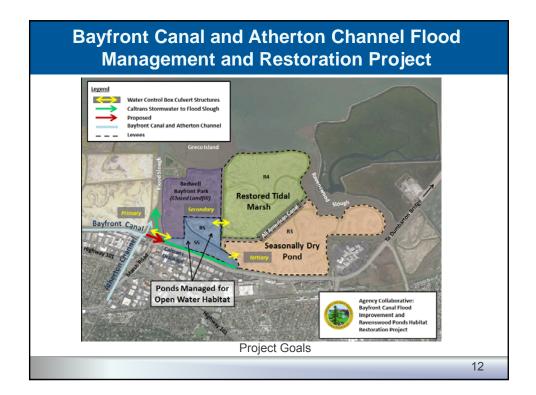
Jurisdictional Flow Contributions

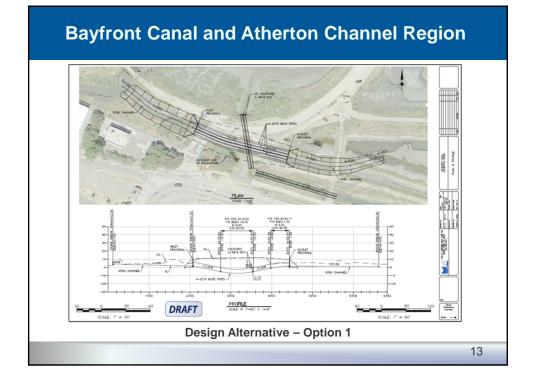
Jurisdiction	Watershed Area	Flow Contribution	Revised Flow Contribution
Town of Atherton	43.7%	38.0%	39.8%
City of Redwood City	13.4%	26.0%	26.1%
San Mateo County	19.8%	22.0%	22.6%
City of Menlo Park	16.8%	10.5%	11.5%
Town of Woodside	6.4%	3.5%	0.0%
Total	100.0%	100.0%	100.0%
			ted by the City of Menlo Pa I by the County of San Ma

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Bayfront Canal and Atherton Channel Region







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