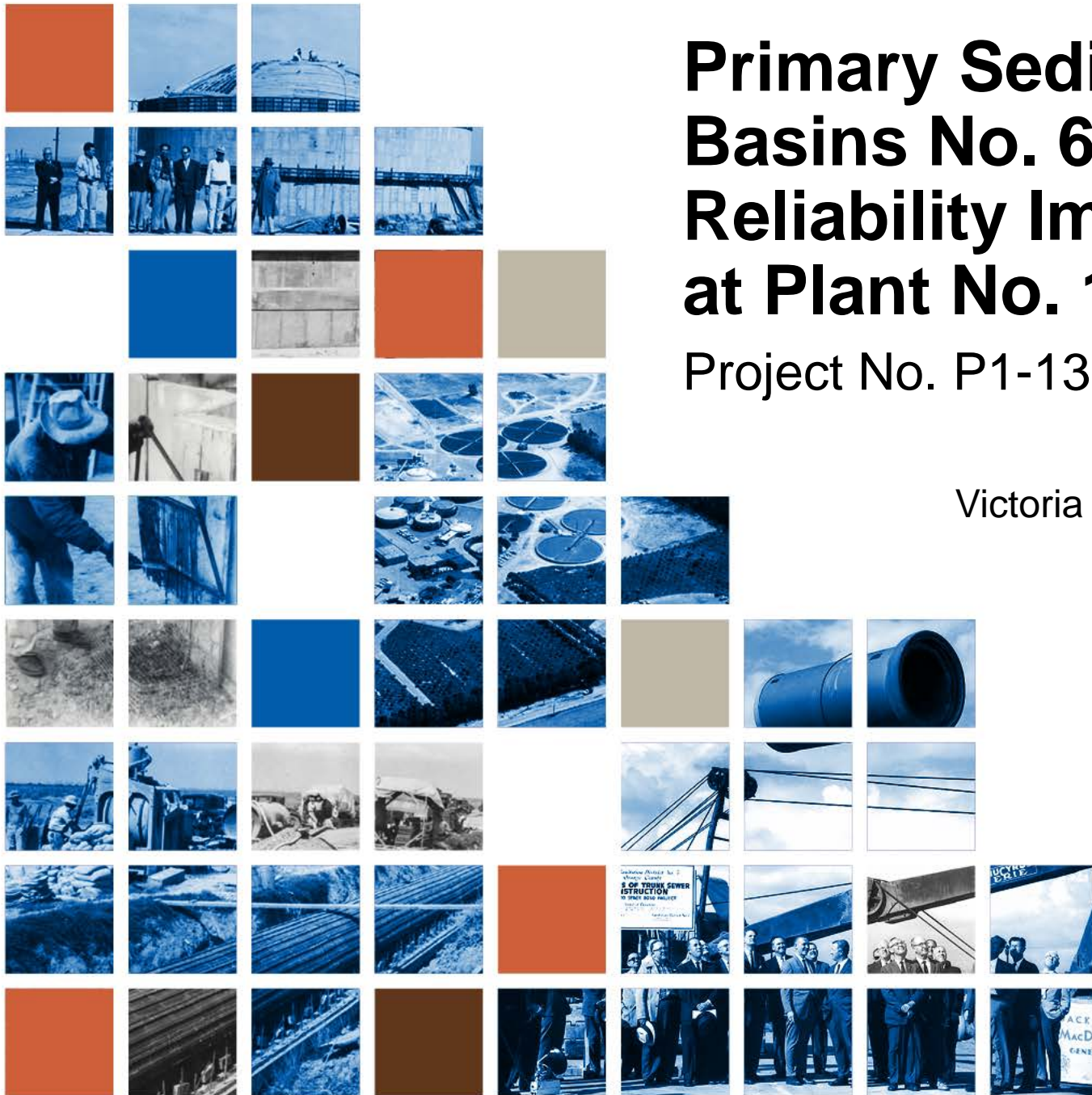


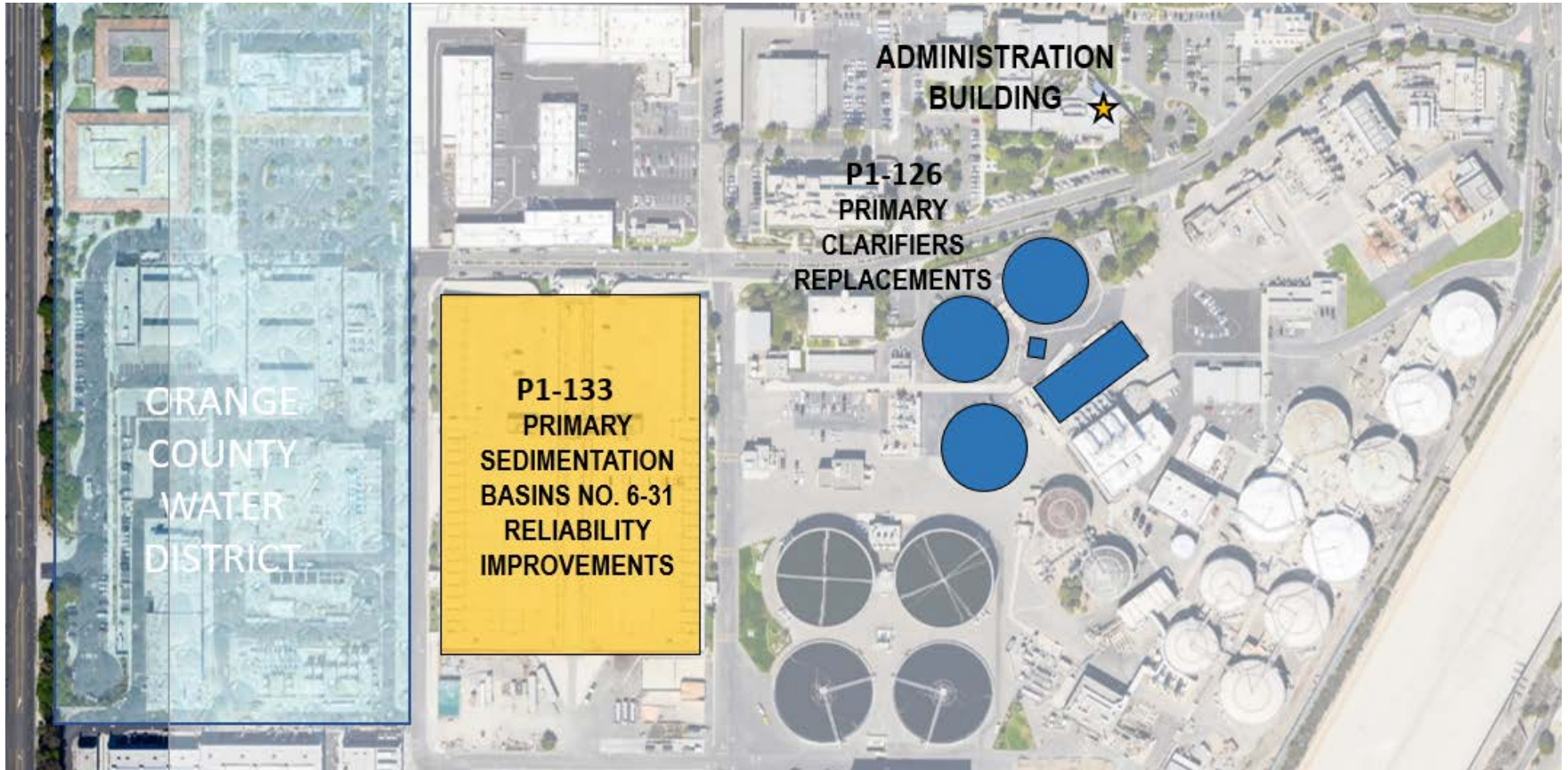
Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1

Project No. P1-133

Victoria Pilko, Project Manager
Operations Committee
November 6, 2019



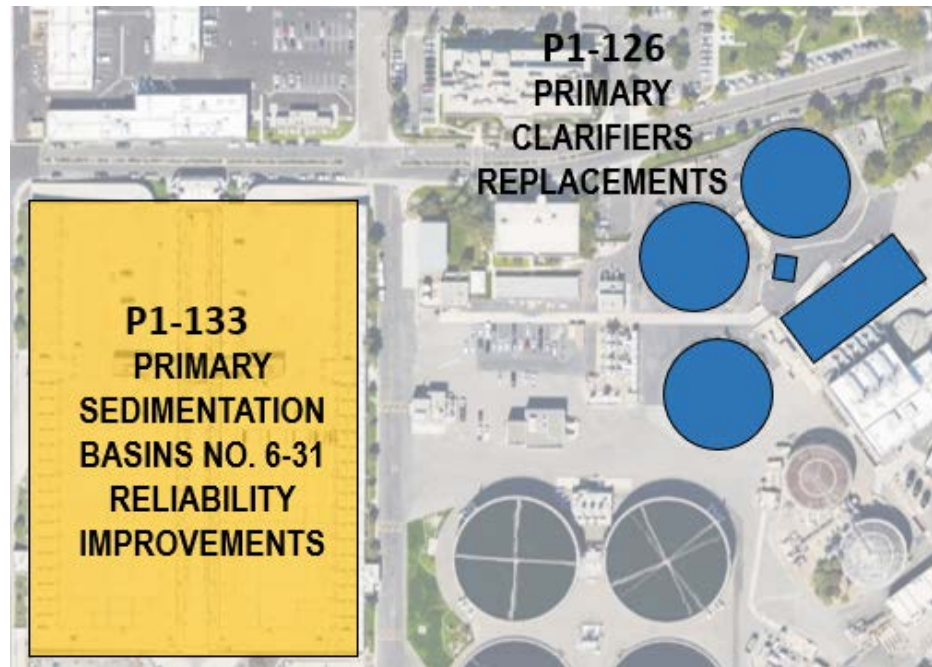
Project Site



Interdependent Projects



Project	Budget	Construction Schedule									
		2020	2021	2022	2023	2024	2025	2026	2027	2028	
Primary Sedimentation Basins No. 6-31 Reliability Improvements (P1-133)	\$12 M										
Primary Clarifiers Replacements (P1-126)	\$106 M										



Project Elements

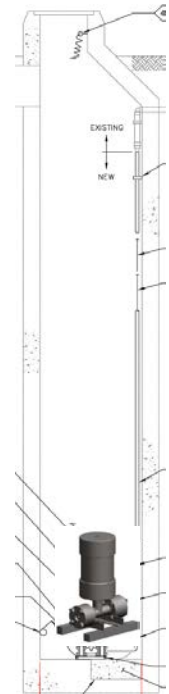


Foul Air Sump Pump



Splitter Box Launders Replacement

Primary Sludge Pump



Selection Process



- Five proposals received
- Interviews conducted with top two firms
- Carollo Engineers, Inc. selected

Negotiations



	Original Proposal	Negotiated
Total Hours	11,898	6,256
Total Fee	\$2,781,286	\$1,219,667

- Considered proposed project enhancements but not incorporated
- Clarified scope of project elements and design assumptions
- Ensured scope and level of effort are appropriate for the work

Recommendation



- Approve a Professional Design Services Agreement with Carollo Engineers, Inc. to provide engineering services for Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133, for an amount not to exceed \$1,219,667; and
- Approve a contingency of \$121,967 (10%).



Questions?