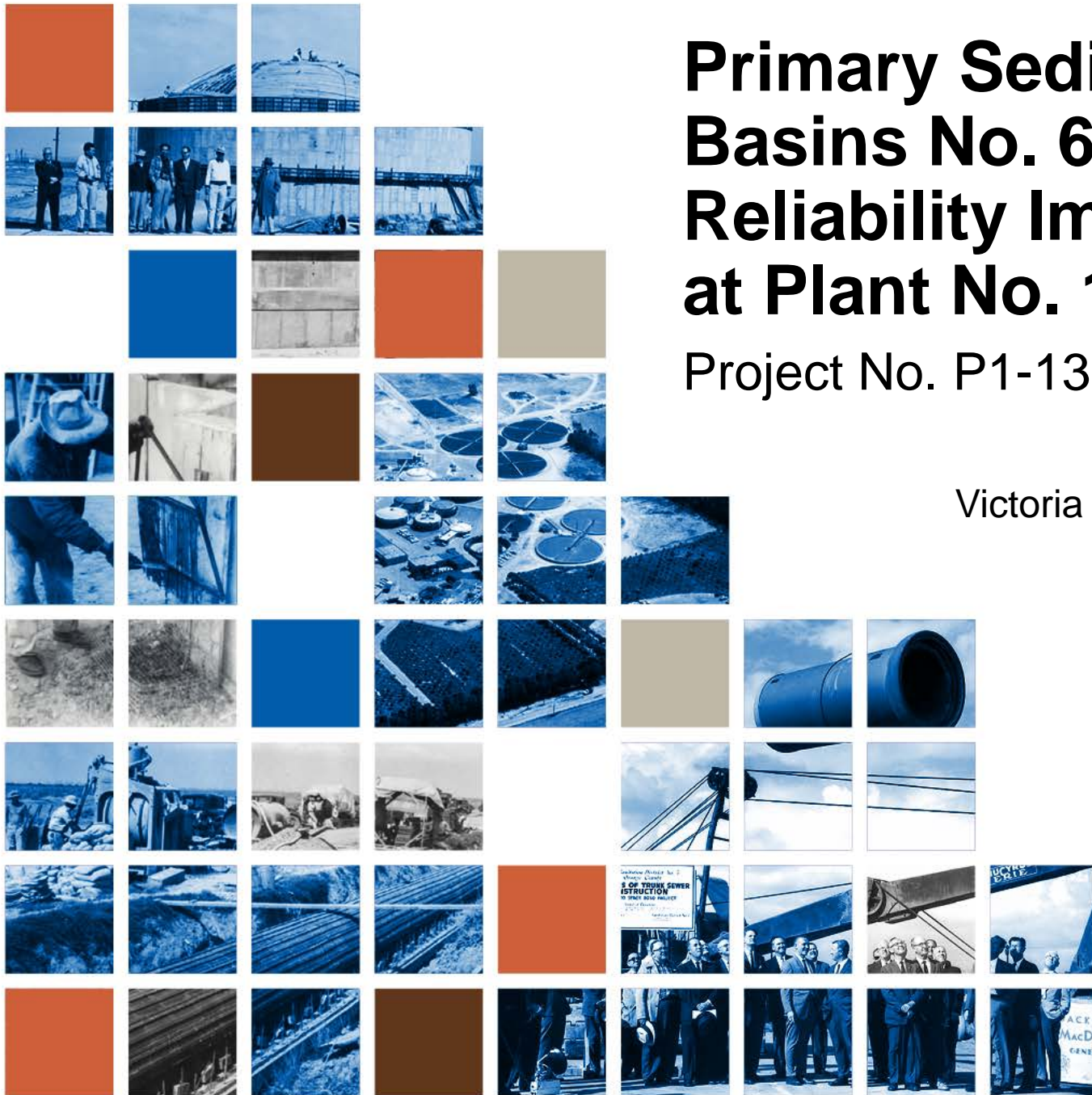


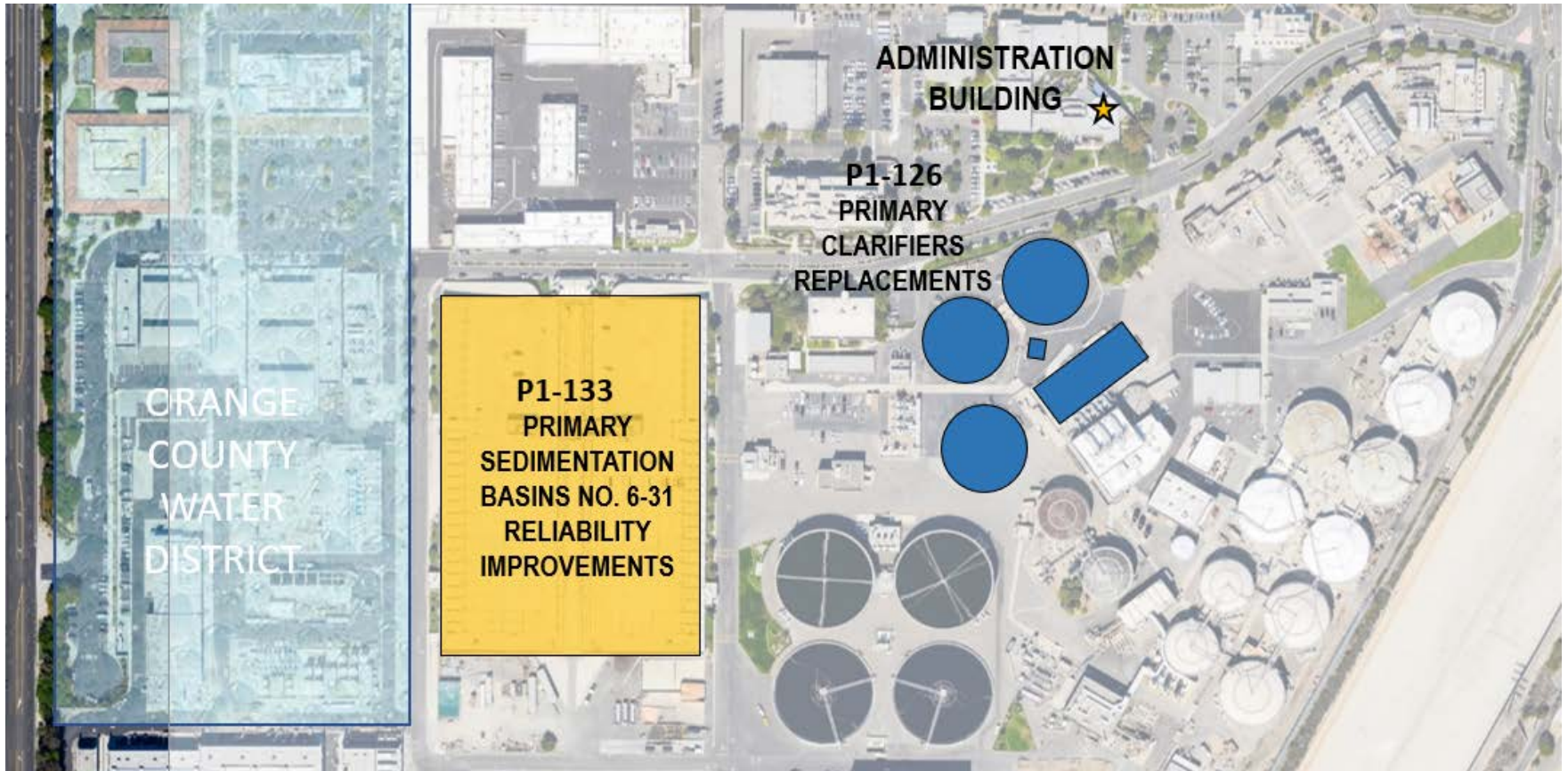
# Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1

Project No. P1-133

Victoria Pilko, Project Manager  
Operations Committee  
November 6, 2019



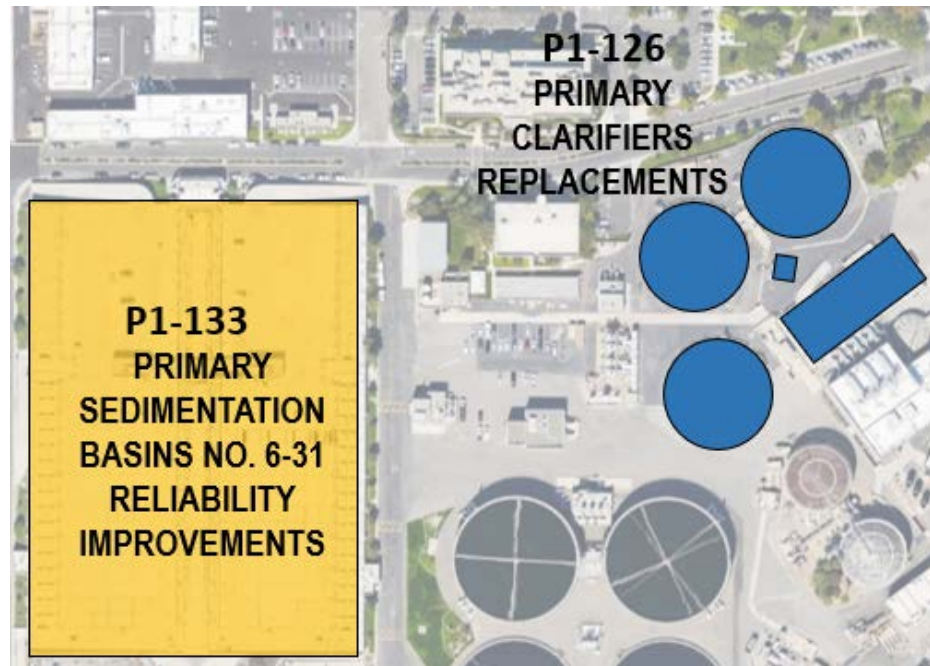
# Project Site



# 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

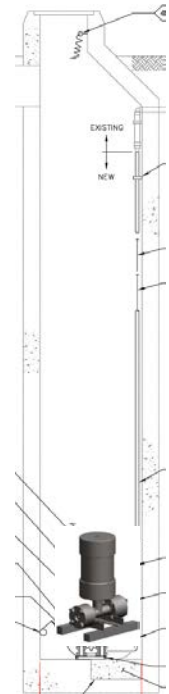


## Foul Air Sump Pump



## Splitter Box Launders Replacement

## Primary Sludge Pump



# Selection Process



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

# Negotiations



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

- 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?