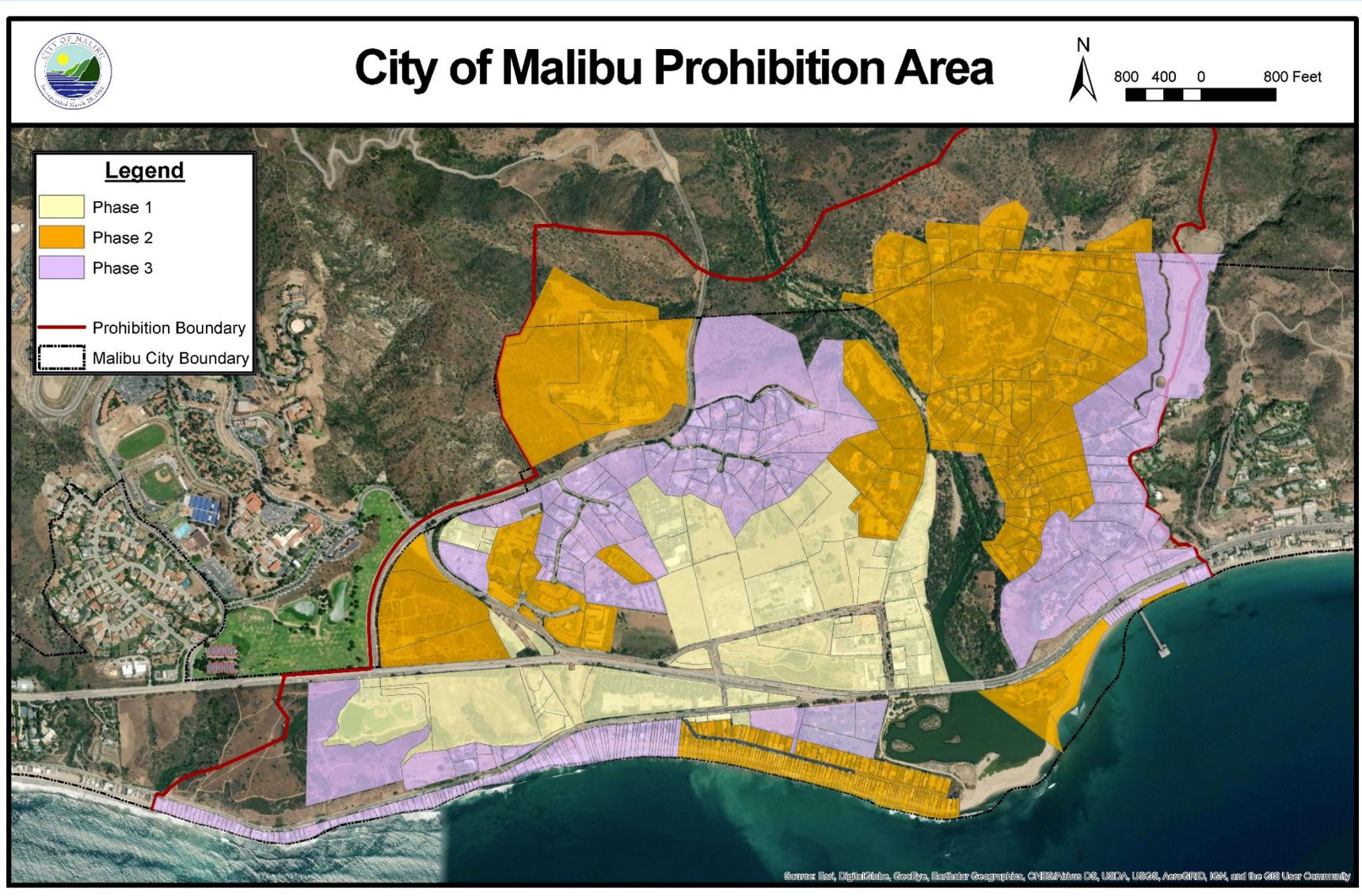


Malibu Civic Center Water Treatment Facility Phase Two Stakeholder Meeting



October 10, 2019

Malibu Civic Center Area Prohibition Map

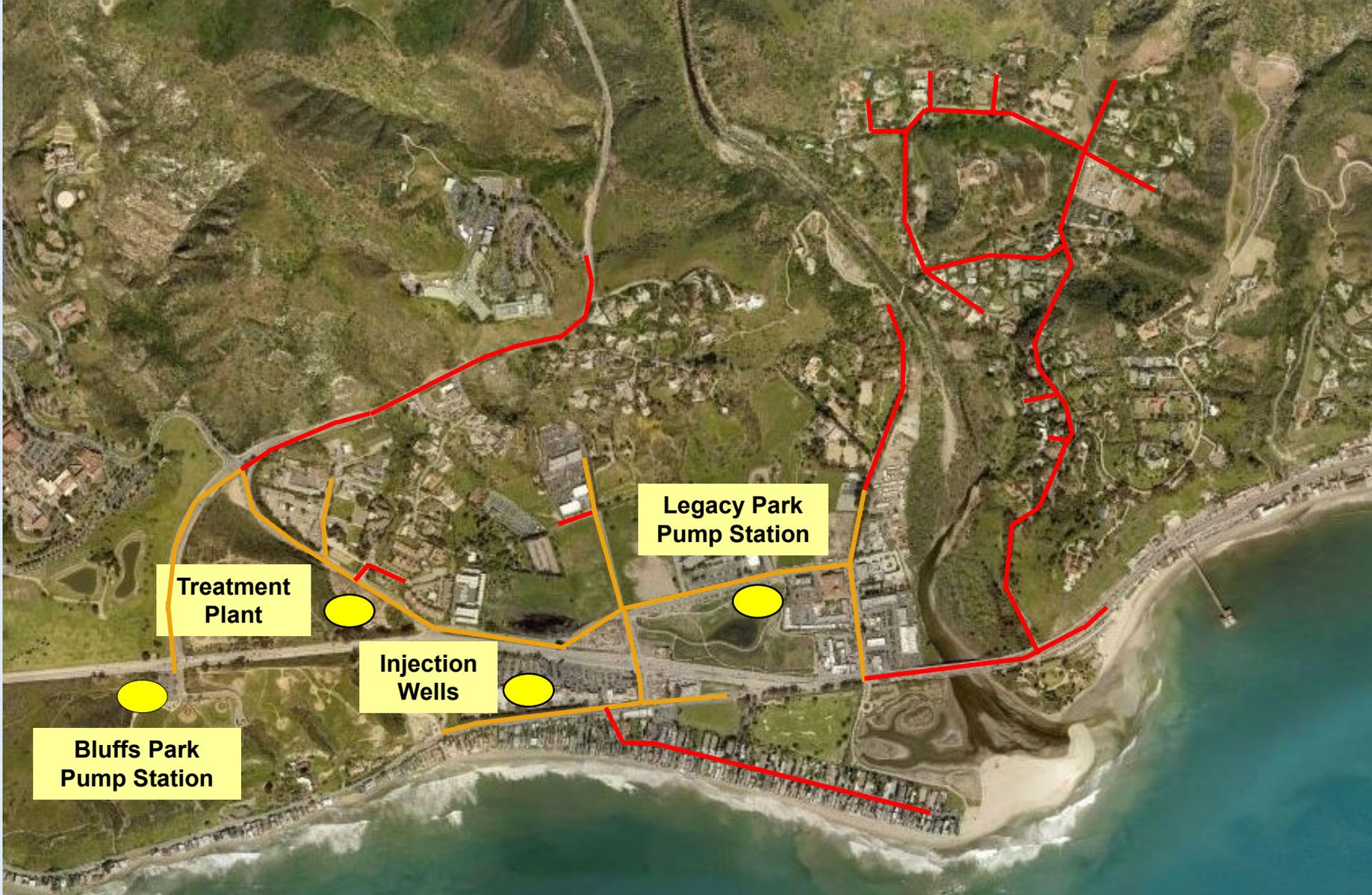


Phase 1 - Complete

Phase 2 - 2024

Phase 3 - 2028

Phase One and Two General Project Overview



■ Pipeline Phase 1

■ Pipeline Phase 2

Phase One Summary

- All developed properties are now connected, including all City-owned properties
- Remaining properties are undeveloped
- Currently treating an average flow of 50,000 – 70,000 gallons per day
- All treated flow has been in compliance with permit requirements
- Approximately 32,000 linear feet (6 miles) of wastewater and recycled water lines were installed
- Currently supplying 47,500 – 66,500 gallons per day of recycled water

Phase One Cost: \$60.1 million

Phase Two Information

445 properties

- 247 single family homes
- 191 condominiums
- 7 other properties

- Estimated Cost: \$49.2 million
- November 27, 2017: City Council amended Phase Two to include HRL
- October 25, 2018: Held Phase Two Stakeholder Meeting
- April 8, 2019: City Council approved funding agreement with HRL
- August 12, 2019: City Council approved design agreement with Woodard & Curran
- November 2024: Mandated completion date

Phase Two Funding

- Estimated Cost for Design and Engineering Assessment: \$3.6 million
- HRL is in Phase Two and has agreed to provide funding for design and the engineering assessment and to be reimbursed after the Assessment District is formed
- HRL has agreed to provide \$500,000 up-front with the remaining the funds to be provided on a reimbursable basis
- This will allow the City to stay on the necessary timeline to meet the mandated completed date of November 24, 2024
- The City will be seeking wastewater and recycled water grants and low interest loans from the State Water Board

Example of Costs

Based on Phase One Costs

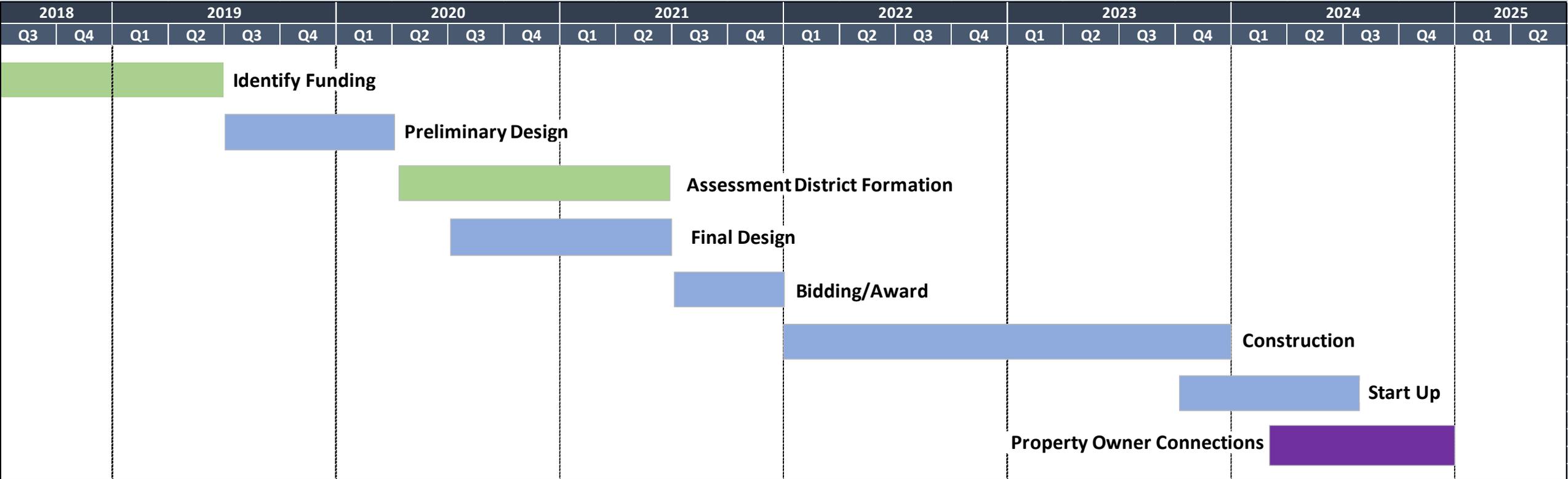
	Gallons per Day	Capital Cost per Property	Annual Capital Cost over 30 Years
Residential Estate Property	700	\$228,000	\$10,000
Single Family Home	366	\$119,000	\$5,000

Next Steps (Woodard & Curran)

- Field Investigations – on going
- Predesign - complete early 2020
- Final Design – complete mid 2021
- Bidding Assistance
 - WWTP Expansion
 - Collection System/Distribution System Expansion

- Environmental
- Funding Assistance
- Community Meeting - TBD
- Next Stakeholders Meeting – April 16, 2020

Phase Two Proposed Timeline



Additional information available at
malibucity.org/ccwtf