Subcommittee on Pure Water Southern California and Regional Conveyance

State Water Project Dependent Areas Drought Mitigation Update

Item 3e

January 22, 2025

Item 3e
State Water Project Dependent Areas Drought Mitigation Update

Subject

State Water Project Dependent Areas Drought Mitigation Update

Purpose

To provide an update on the implementation status of near-term projects in the drought mitigation actions portfolio

Next Steps

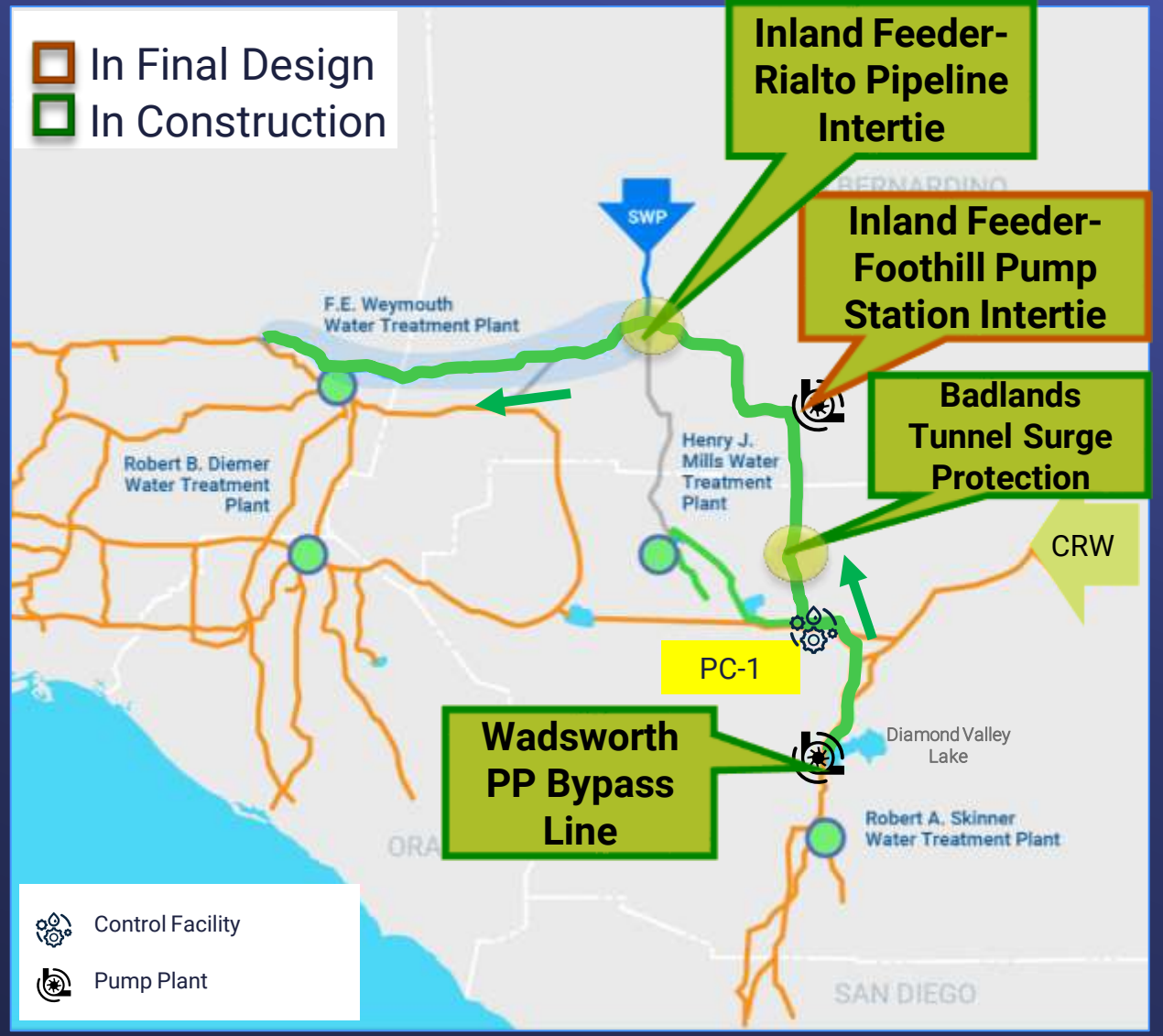
Continue implementation of Category 1 projects

Support Category 2 projects under evaluation by CAMP4W

Near-Term Drought Mitigation Projects

DVL to Rialto Pipeline Delivery

- Summary of program scope
  - Four inter-related projects
  - Maximizes use of existing infrastructure
  - Up to 120 CFS with full build-out
- Program status
  - Three projects in construction
  - One project in final design & permitting
  - Estimated completion in late 2027
  - $50M State grant
    - Invoiced State $22.3 M to date



Wadsworth Pump Plant Bypass Line

- Contract Details
  - Amount: $14,820,500
  - Contractor: Steve P. Rados Inc.
  - Award Date: Jan. 2023
  - Planned Completion: Summer 2025
- Current Status
  - 95% complete
  - All pipeline tie-in work completed in Apr. 2024
  - Delay in completion for long-lead equipment
  - Added large valve installation by change order in Aug. 2024 board action
- Upcoming Milestone
  - Spring 2025 shutdown for valve installation

Electrical Duct Bank

Badlands Tunnel Surge Protection

- Contract Details
  - Amount: $18,840,000
  - Contractor: Steve P. Rados Inc.
  - Award Date: Nov. 2023
  - Scheduled Completion: Summer 2025
- Current Status
  - 50% complete
  - Completed surge tank foundation
  - Completed vault walls conc. placement
  - Installed piping and 84-inch dia. valve
- Upcoming Milestone
  - Feb. 2025 shutdown for tie-in

Surge Tank Foundation

Badlands Tunnel Surge Protection

Valve Vault Pipe Installation

Surge Tank Foundation Pipe Installation

Inland Feeder-Rialto Pipeline Intertie

- Contract Details
  - Amount: $15,681,000
  - Contractor: Steve P. Rados Inc.
  - Award Date: Sep. 2023
  - Scheduled Completion: Summer 2025
- Current Status
  - 70% complete
  - Completed vault wall conc. placement
  - Installed piping and 84-inch dia. valve
  - Pipe encasement work underway
- Upcoming Milestone
  - Feb. 2025 shutdown for tie-in

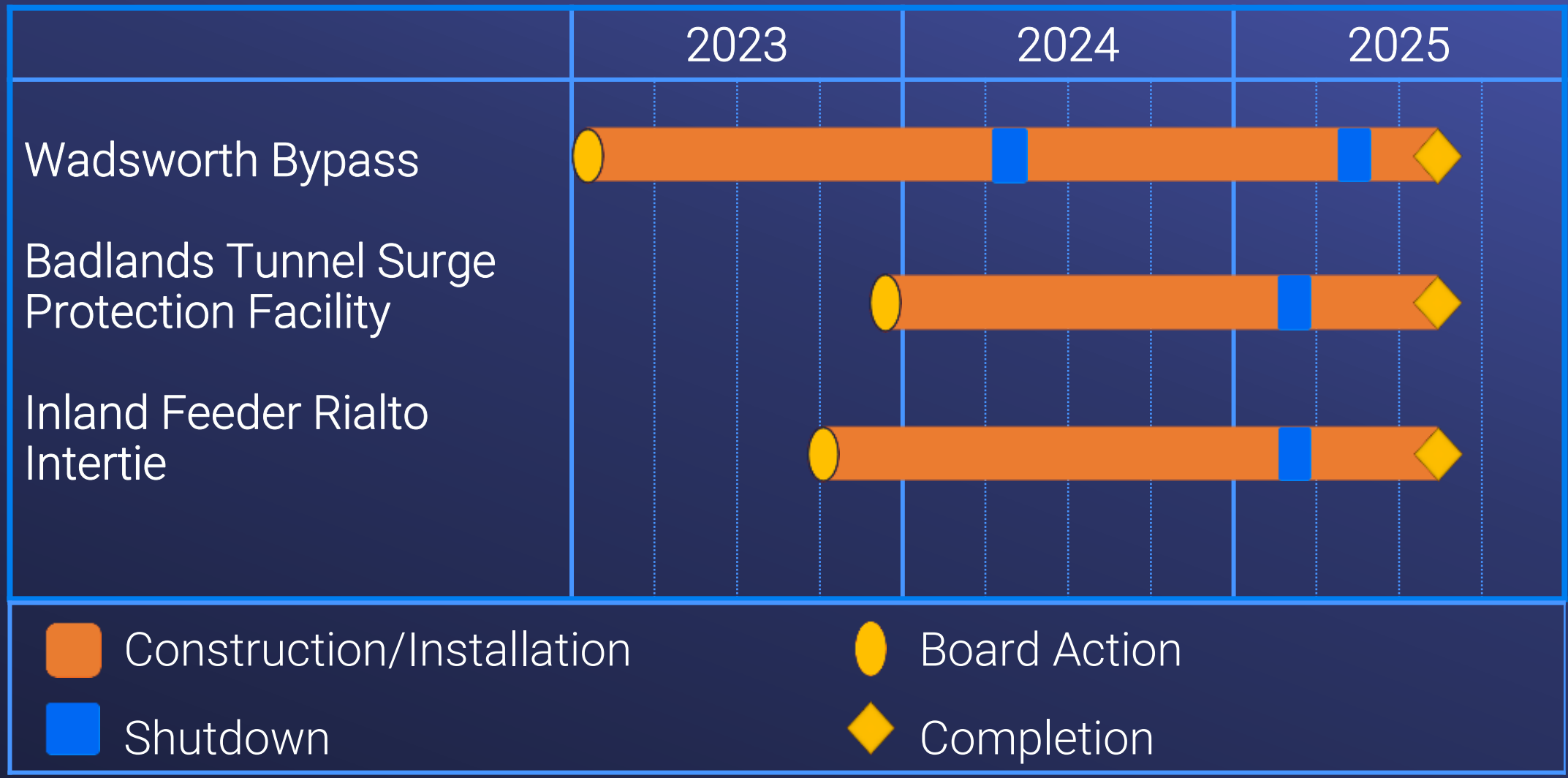
96-Inch Diameter Pipe Installation

Inland Feeder-Rialto Pipeline Intertie

Pipe Reducer Installation

84-Inch Diameter Valve Fit Up

Construction Schedule

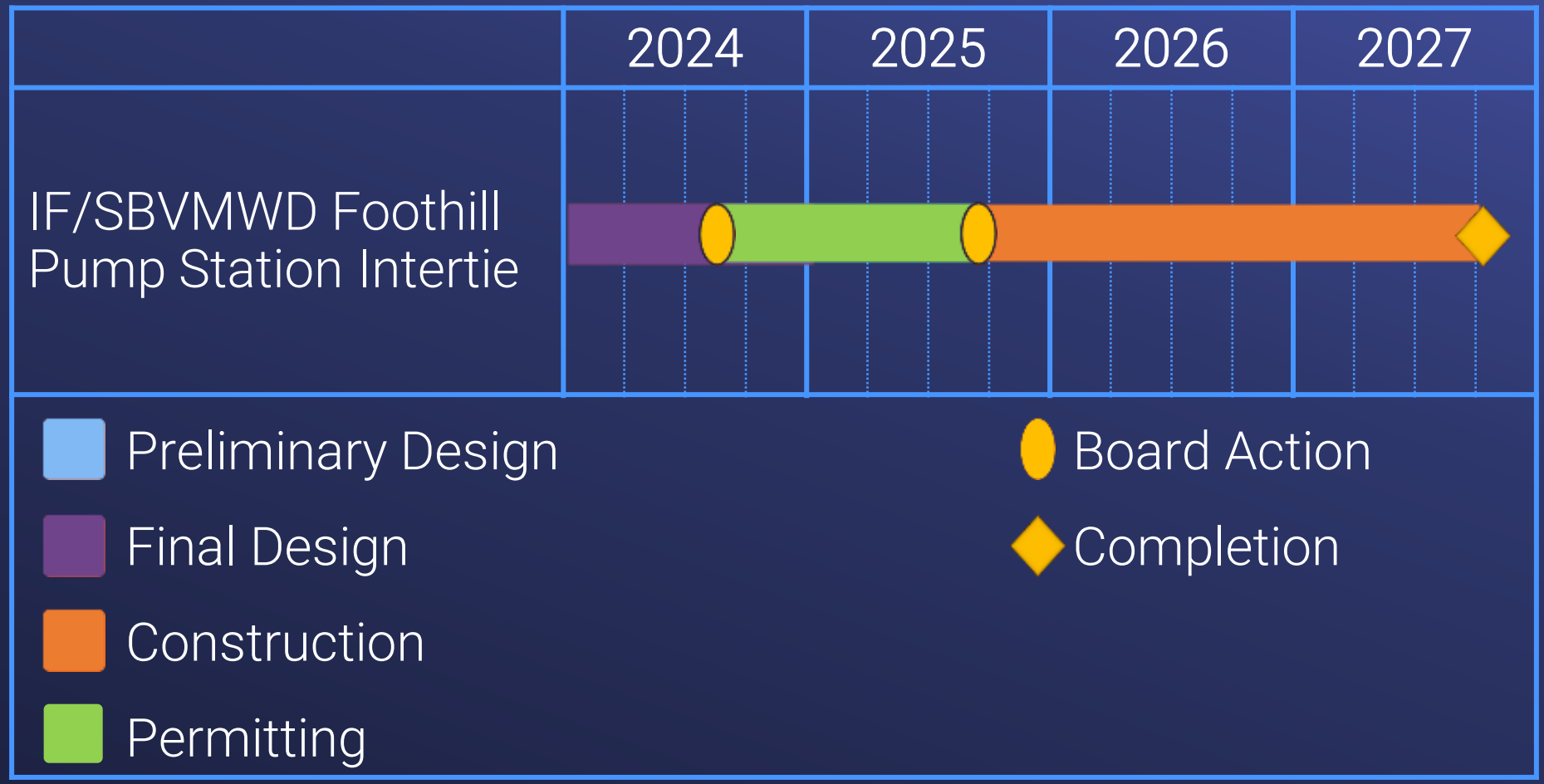


Inland Feeder-Foothill Pump Station Intertie

- Summary of Project Scope
  - Collaborative effort with San Bernardino Valley MWD (SBVMWD)
  - Connect Inland Feeder with SBVMWD's Foothill Pump Station
  - Construct supply & discharge pipelines, isolation valves & surge tanks
- Project Status
  - Pending Fish & Wildlife permit & BLM right-of-way acquisition
  - Awarded $5M USBR WaterSMART grant
  - Section 7 consultation with USF&WS underway

Existing Foothill Pump Station

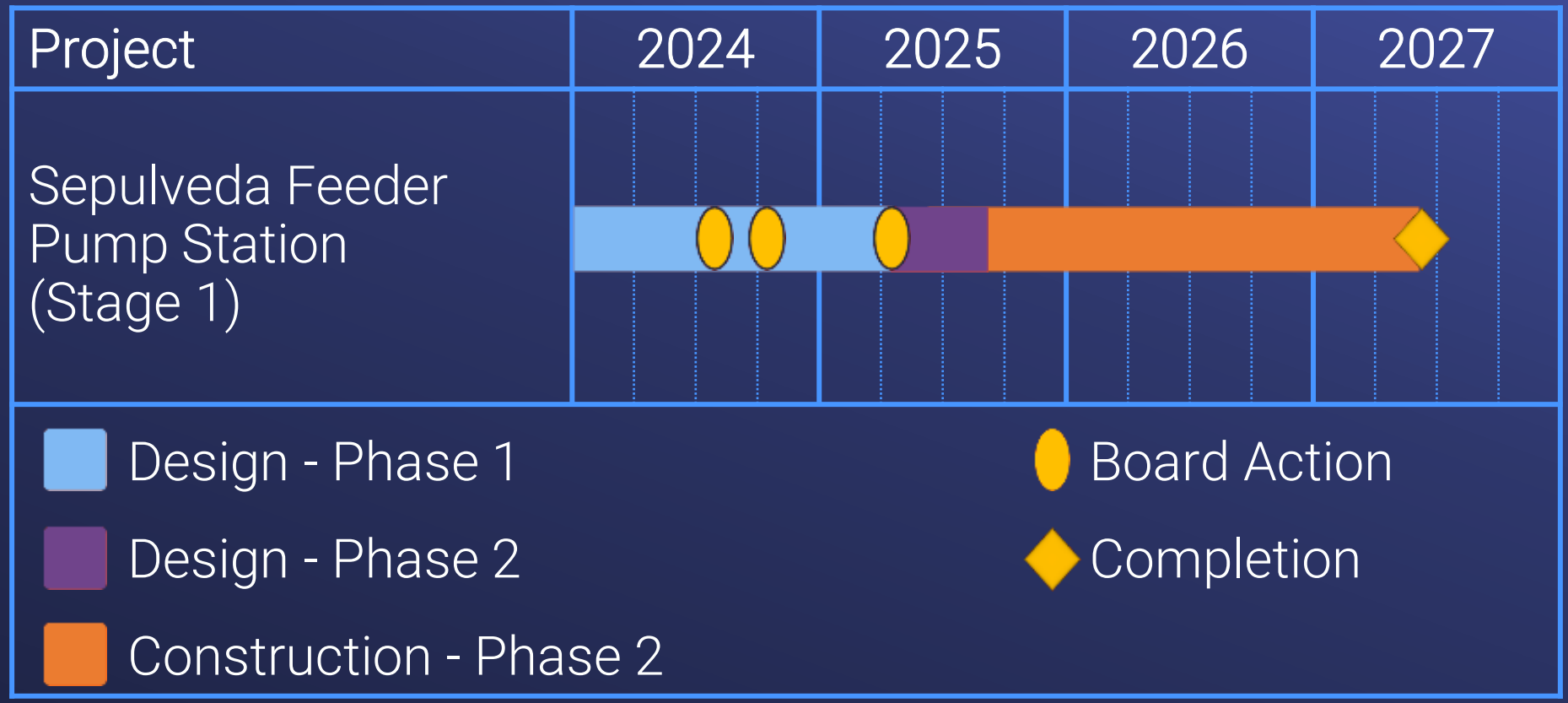
Inland Feeder-Foothill Pump Station Intertie



Sepulveda Feeder Pumping – Stage 1

- Purpose
  - Augments existing Greg Ave Pump Station to provide 30 CFS to Jensen exclusive area on west side
- Project
  - Reverse flow in the Sepulveda Feeder
  - Install pumping stations at two existing pressure control structures
  - Utilize Progressive Design-Build delivery
- Status
  - Design approx. 70% complete
  - Major equipment procured
  - Negotiating GMP for Spring 2025 action

Sepulveda Feeder Pumping – Stage 1



Next Steps

- Continue implementation of projects
  - Award Phase 2 PDB contract including construction of Sepulveda Feeder Pump Stations
  - Award construction contract for SBVMWD Foothill Pump Station intertie
  - Quarterly reporting to the subcommittee
- Inform the CAMP4W process
  - Continue work on precursors for Sepulveda Feeder Pumping Stage 2
    - Improved electrical service for Venice & Sepulveda Cyn. sites
    - Sepulveda Feeder PCCP rehabilitation
    - Detailed surge analysis
    - Inglewood Lateral


THE METROPOLITAN WATER DISTRICT OF
SOUTHERN CALIFORNIA
1928