



Engineering, Operations, & Technology Committee

Study for Potential East-West Conveyance

Item 7-4

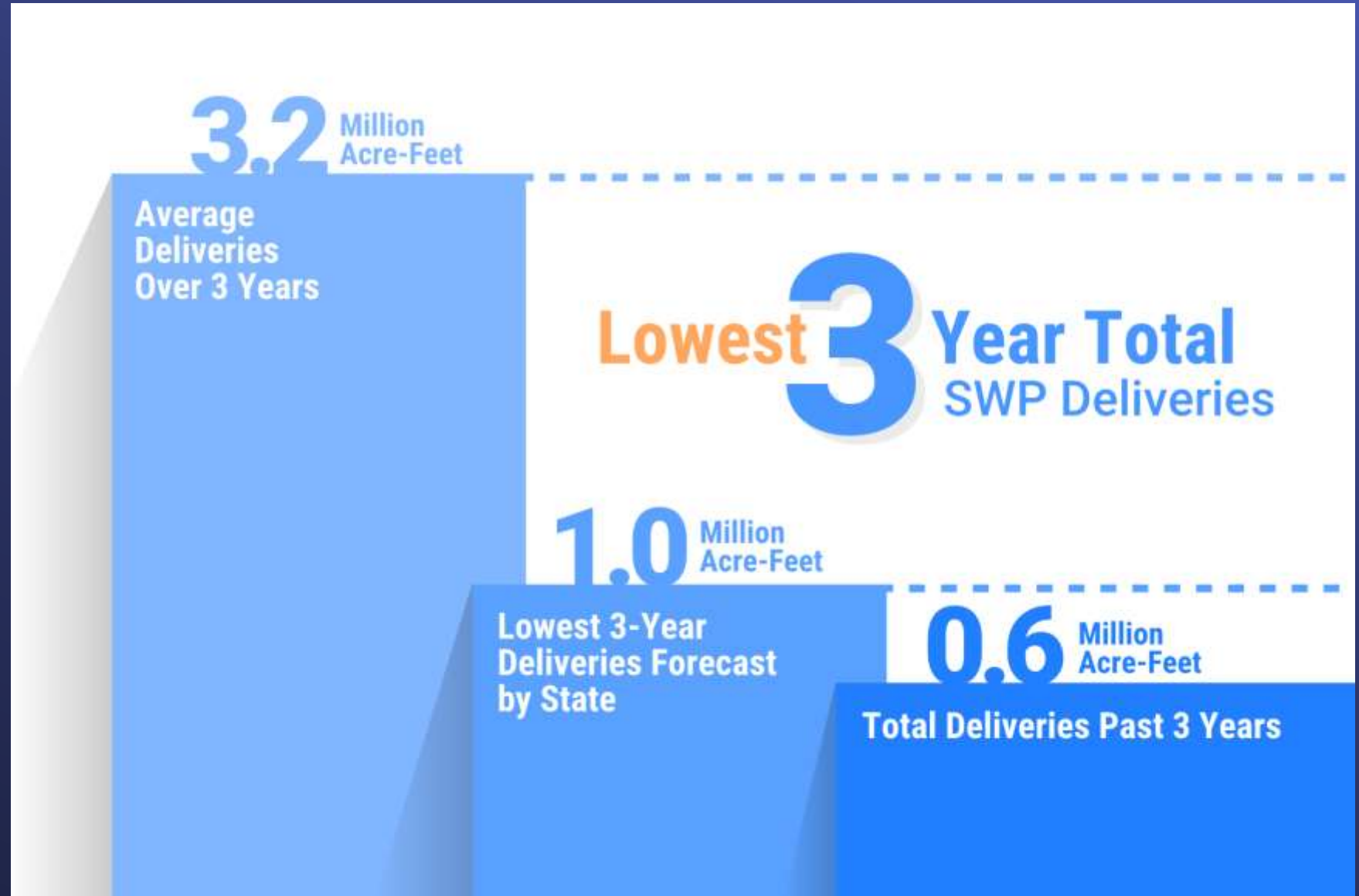
April 10, 2023

East-West Conveyance Study

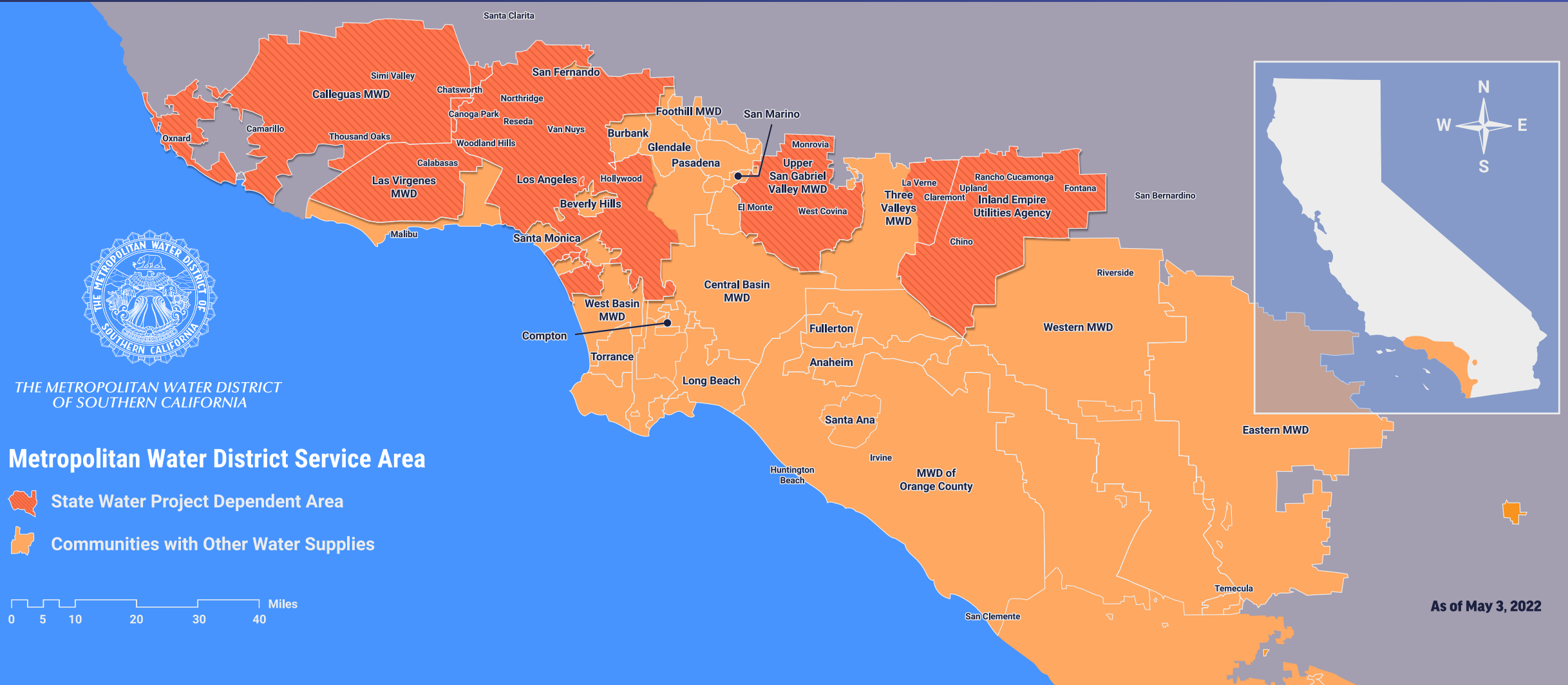
Current Action

- Authorize an amendment to an existing agreement with Brown & Caldwell, for a new not-to-exceed amount of \$715,000, to investigate potential modifications to Metropolitan's existing East-West conveyance and distribution system

East-West Conveyance Study



Supply Constrained in 2022 for SWP Dependent Area



East-West Conveyance Study

Background

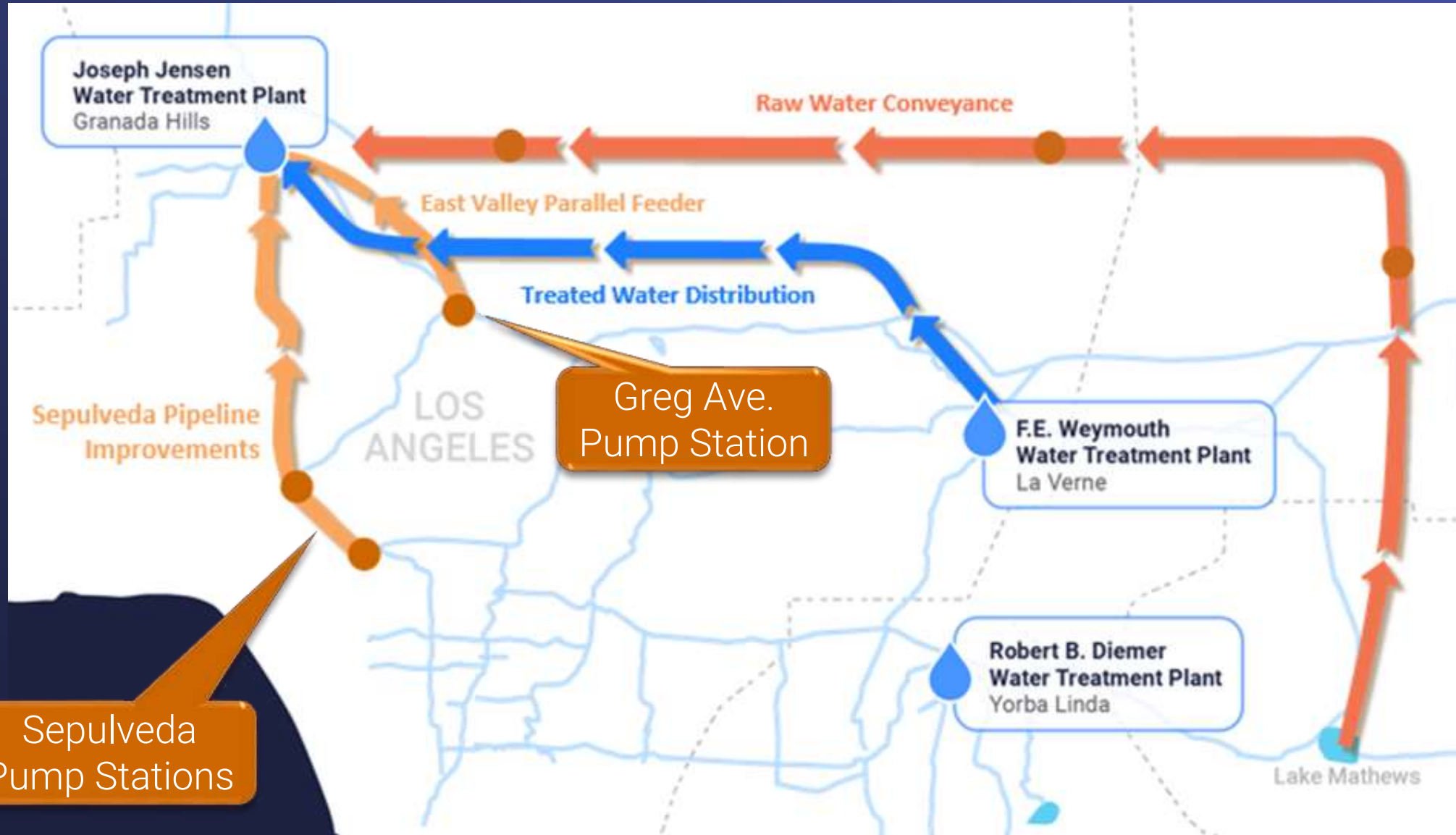
- Board Drought Actions:
 - Nov. 2021 – Resolution declaring a regional drought emergency
 - Apr. 2022 – Declared a water shortage emergency condition
 - Aug. 2022 – Resolution confirming Metropolitan’s call to action and commitment to regional reliability for all member agencies

East-West Conveyance Study

Background

- Actions undertaken to date:
 - Collaborative member agency drought mitigations workshops
 - 7 sessions held over 10 months
 - Developed portfolios of actions to improve reliability
 - Board approval of projects for immediate implementation
 - Identified projects for further development
 - East-West conveyance

Distribution System & East-West Conveyance Options



East-West Conveyance Study

Alternatives Considered

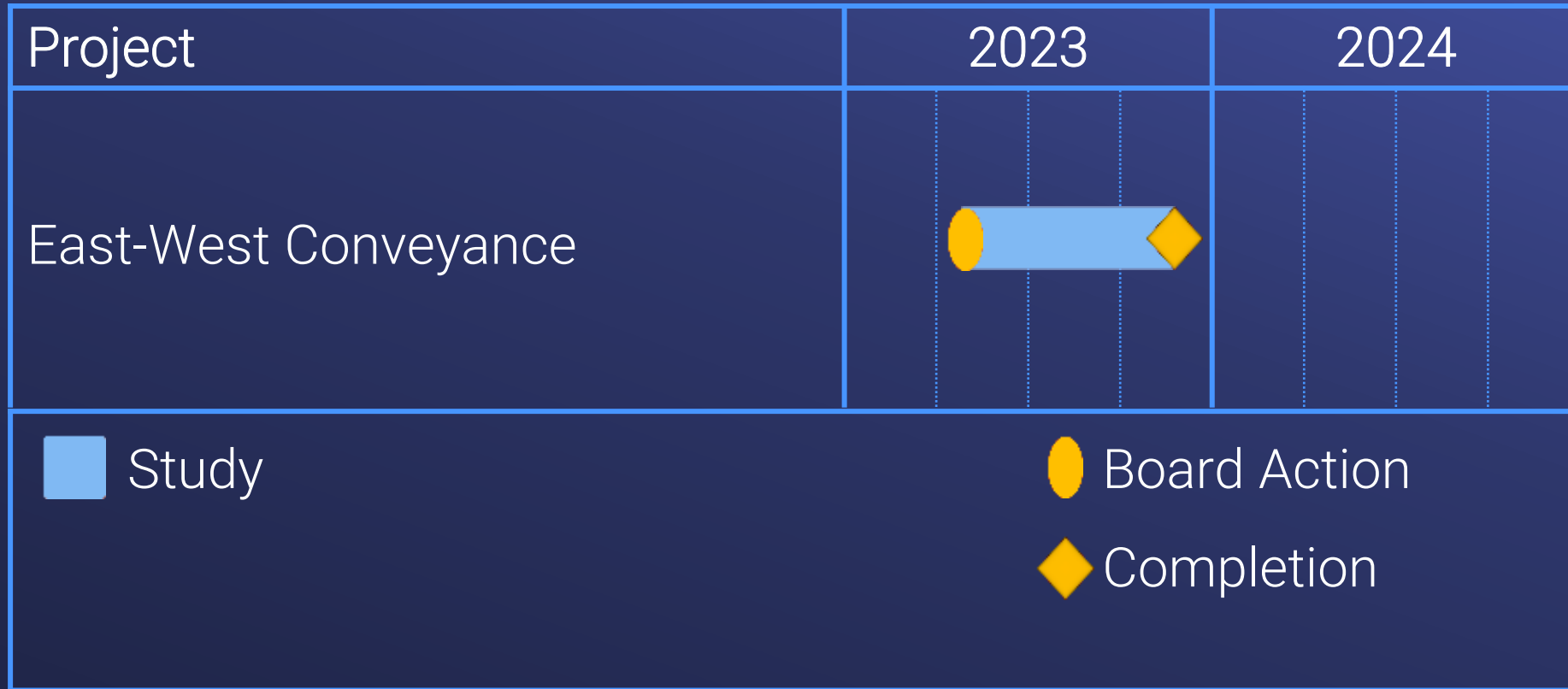
- Utilize in-house staff
 - In-house staff fully committed
- Selected alternative allows for timely completion of studies without disrupting other ongoing capital and O&M work
- Executed initial agreement under General Managers authority to expedite work
- Consultant has completed preliminary activities
- Amendment of agreement needed to perform more in-depth studies

East-West Conveyance Study

Brown & Caldwell – Agreement Amendment

- Existing agreement executed under General Manager's authority
- Prequalified under RFQ No. 1305
- Selected based on expertise and familiarity with Metropolitan's system
- Scope of work
 - Detailed investigations and feasibility studies for East-West conveyance
- Increase of \$475,000
- New NTE amount: \$715,000
- No Small Business Enterprise (SBE) participation level established

Project Schedule



Board Options

- Option #1
 - Authorize an amendment to an existing agreement with Brown & Caldwell, for a \$475,000 increase to a new not-to-exceed amount of \$715,000, to investigate potential modifications to Metropolitan's existing East-West conveyance and distribution system.
- Option #2
 - Do not proceed with the project at this time.

Staff Recommendation

- Option #1

