

# Joint Reservoir Committee and Authority Board Meeting

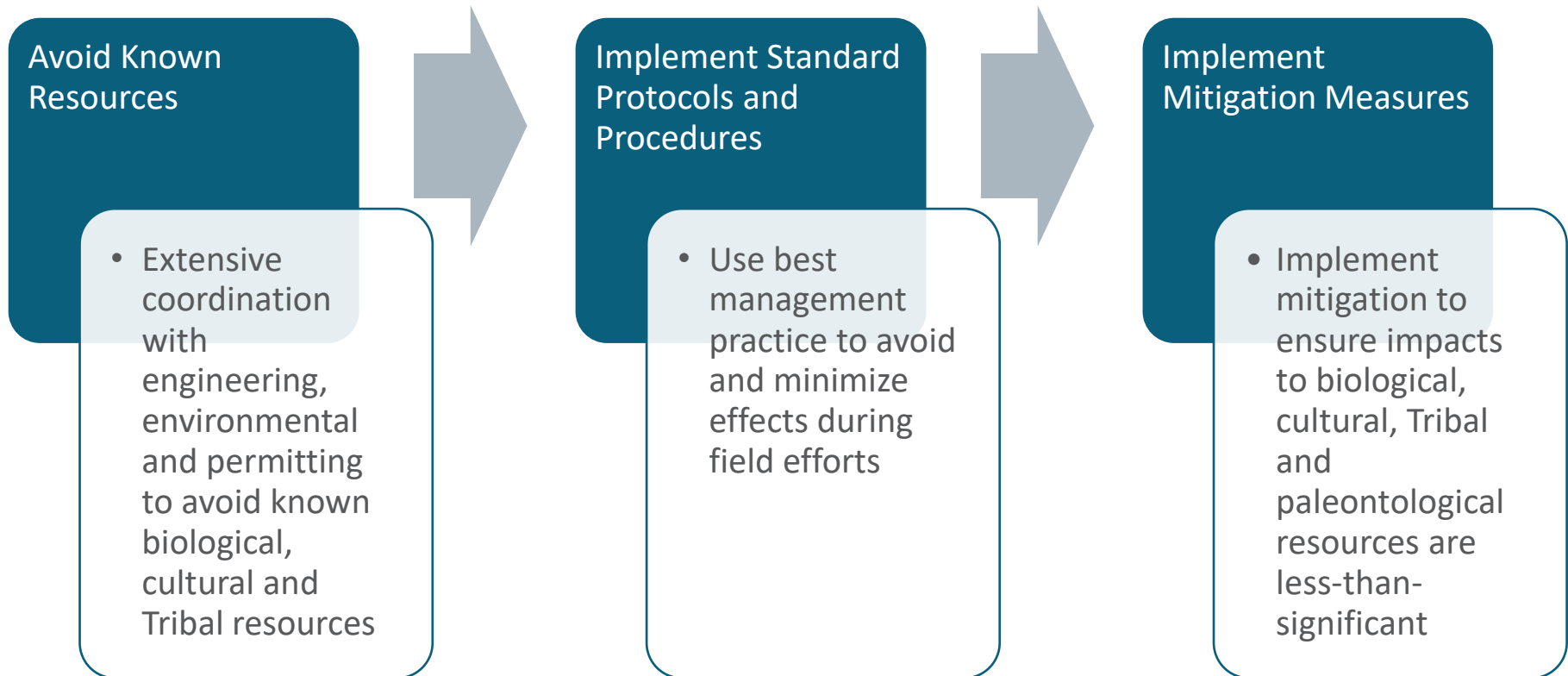
Agenda Item 2.1: Test Pits, Fault Studies and  
Quarry Studies Draft Initial Study and Mitigated  
Negative Declaration

September 16, 2022

# Test Pits, Fault Studies, and Quarry Studies

- Support engineering, design and cost estimates
- Activities:
  - Test pits
    - Proposed quarry locations to gather info on quantity and quality of borrow material
    - Pipeline locations to gather info on trench stability for construction
  - Fault studies
    - Location and stratigraphy of suspected and known faults to gather info on last movement
  - Quarry studies
    - Proposed quarry locations to gather info on quantity and quality of borrow material
    - Assess means and methods to remove overburden and rock materials during construction
- Early 2023 through end of 2024

# Project Approach



With the approach of avoiding and minimizing impacts to the extent possible, staff is proposing an Initial Study and draft Mitigated Negative Declaration

# Mitigation Measures

Resource Area	Summary of Mitigation Measures
General	<ul style="list-style-type: none"> <li>✓ Conduct pre-investigation siting survey</li> <li>✓ Reprioritize or postpone proposed investigations if sensitive resources cannot be avoided</li> </ul>
Biological Resources	<ul style="list-style-type: none"> <li>✓ Conduct mandatory biological resources awareness training</li> <li>✓ General measures to avoid and minimize effects on sensitive biological resources</li> <li>✓ Measures to avoid and minimize effects on waters of the U.S./State</li> <li>✓ Species specific measures for state and federally-listed plant and animal species along with migratory birds and eagles</li> <li>✓ Decontamination of equipment for aquatic invasive species</li> <li>✓ Adjust work locations as needed to avoid resources found in field investigations</li> </ul>
Paleontological Resources	<ul style="list-style-type: none"> <li>✓ Consult with qualified paleontologist if paleontological resources are discovered</li> <li>✓ Adjust work locations as needed to avoid resources found in field investigations</li> </ul>
Cultural Resources	<ul style="list-style-type: none"> <li>✓ Avoid impacts on cultural resources and adjust work locations as needed to avoid resources found in field investigations</li> <li>✓ Conduct pre-activity pedestrian survey; conduct archaeological sensitivity training; conduct archaeological monitoring;</li> <li>✓ Immediately halt ground-disturbing activities if cultural resources or human remains are found and implement appropriate plans</li> <li>✓ Prepare a post-review Discovery Plan</li> </ul>
Tribal Cultural Resources	<ul style="list-style-type: none"> <li>✓ Avoid or preserve in place and adjust work locations as needed to avoid resources found in field investigations</li> <li>✓ Treat resources with culturally appropriate dignity</li> <li>✓ Implement permanent conservation easements for any resources found</li> </ul>

# Permits Expected to Be Needed

- Minor alteration authorization from Central Valley Flood Protection Board
  - Activities in State Plan of Flood Control
- Encroachment permits for investigations in local jurisdiction rights-of-way
- Transportation permits for heavy or oversized loads on county roads

# Requested Action

- Request authorizing the following actions:
  - Release the draft CEQA Initial Study and draft Mitigated Negative Declaration for 30-day public review period
  - Authorize Executive Director to complete noticing requirements
  - Authorize Executive Director to sign and submit necessary permit application and pay all related fees

# Questions?

