

Caulfield Bridge and Extension Project

Professional Services Agreement for Environmental, Permitting, & Engineering Services

CITY COUNCIL

MAY 15, 2023



Presentation Outline

- Project Overview
- Introduce Mark Thomas & Company, Inc.
& Proposed Scope of Work

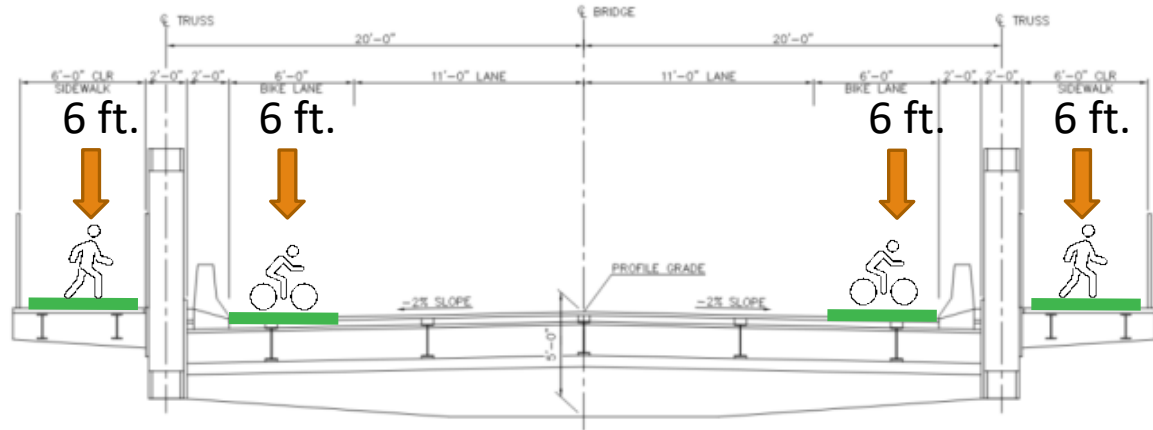
Project Overview

Location

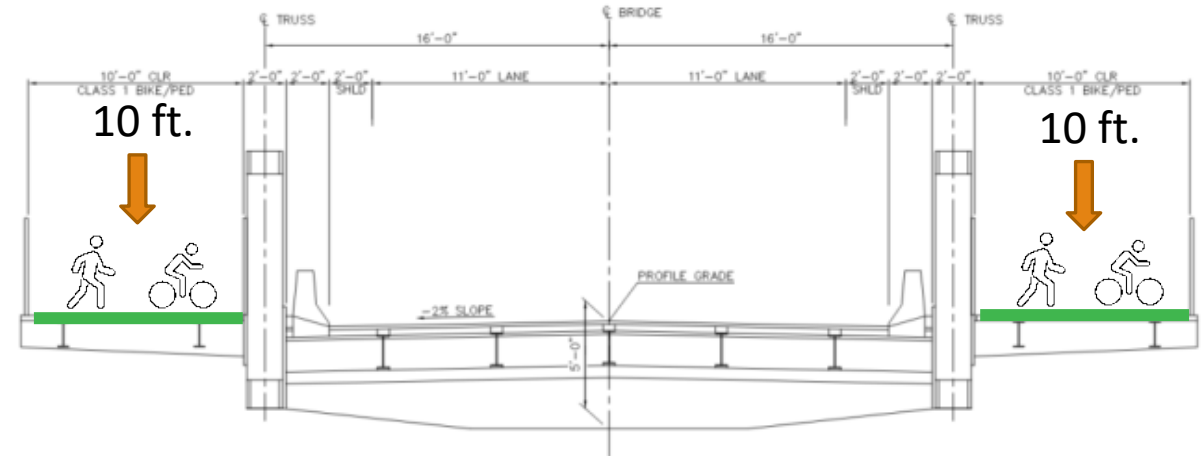


Project Overview

Roadway Design



Sidewalks & On-Street Bike Lanes



Multi-Use Pathways

Project Overview

Technical Memorandum (AECOM, 2021)

- **Navigation Clearances:** Preliminary Determination from US Coast Guard advised 90' horizontal clearance, 10' vertical clearance above high water when closed, and unlimited vertical clearance when open.
- **Bridge Type & Floodway Impacts:** Recommended double-leaf bascule bridge to avoid floodway impacts.
- **Right-of-Way:** City has necessary right-of-way to construct bridge; new lease with State Lands Commission required.
- **Environmental Review:** National Environmental Policy Act (NEPA) and California Environmental Quality Act approvals required.
- **Cost Estimate:** Planning-level cost estimate of \$48.5m (\$2026).

Proposed Scope of Work Overview

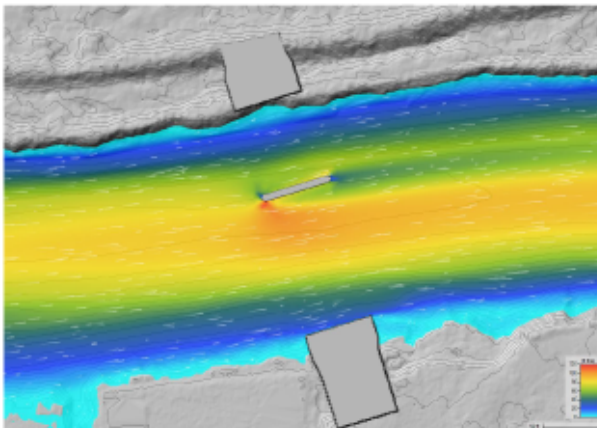
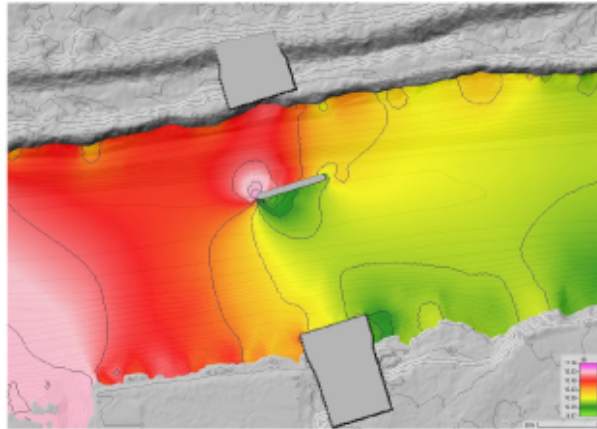
Includes all remaining work needed to bring project to shovel-ready status:

- Community Engagement
- Technical Analyses (Hydraulic/Hydrologic, Geotechnical, Traffic)
- Utility Coordination
- Environmental Review & Permitting
- 100% Bid-Ready Design (30/65/95% Reviews)

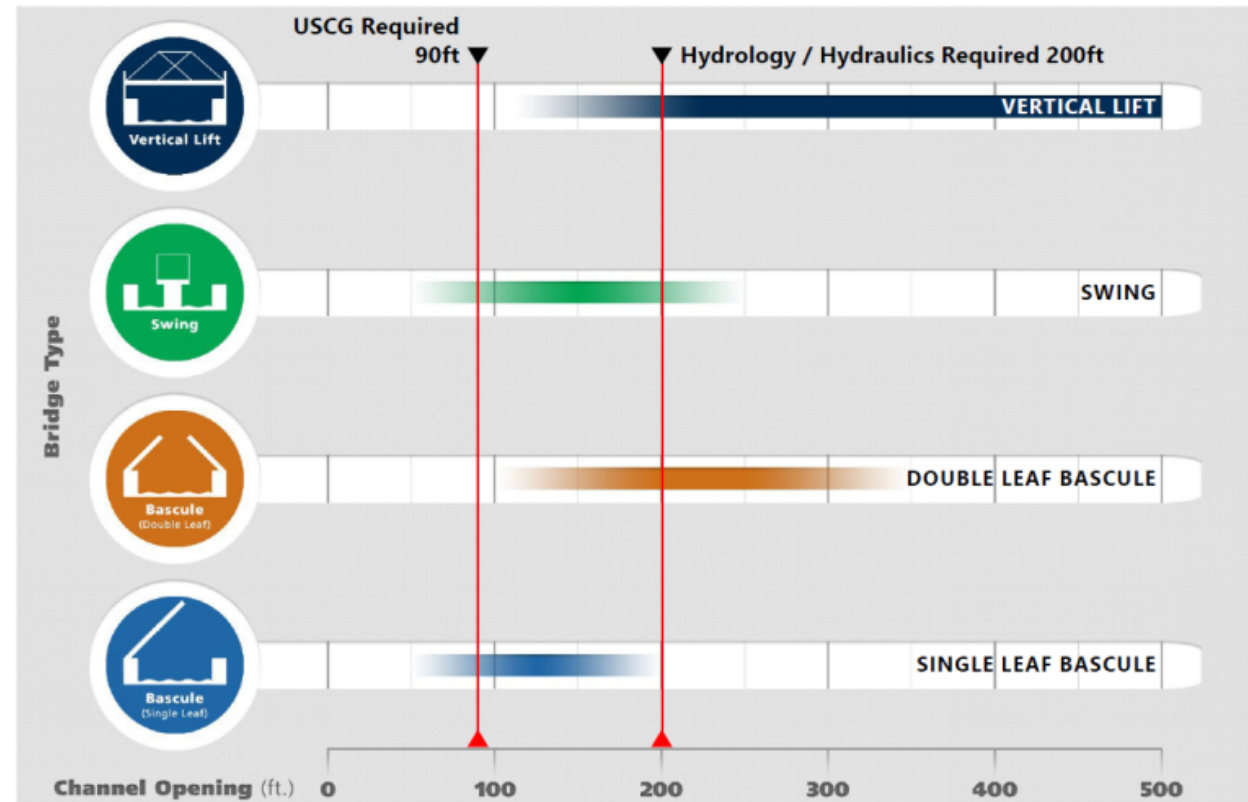


Proposed Scope of Work

Hydraulic/Hydrologic Analysis and Bridge Type Selection



Optimal Bridge Type per Channel Width



Proposed Scope of Work

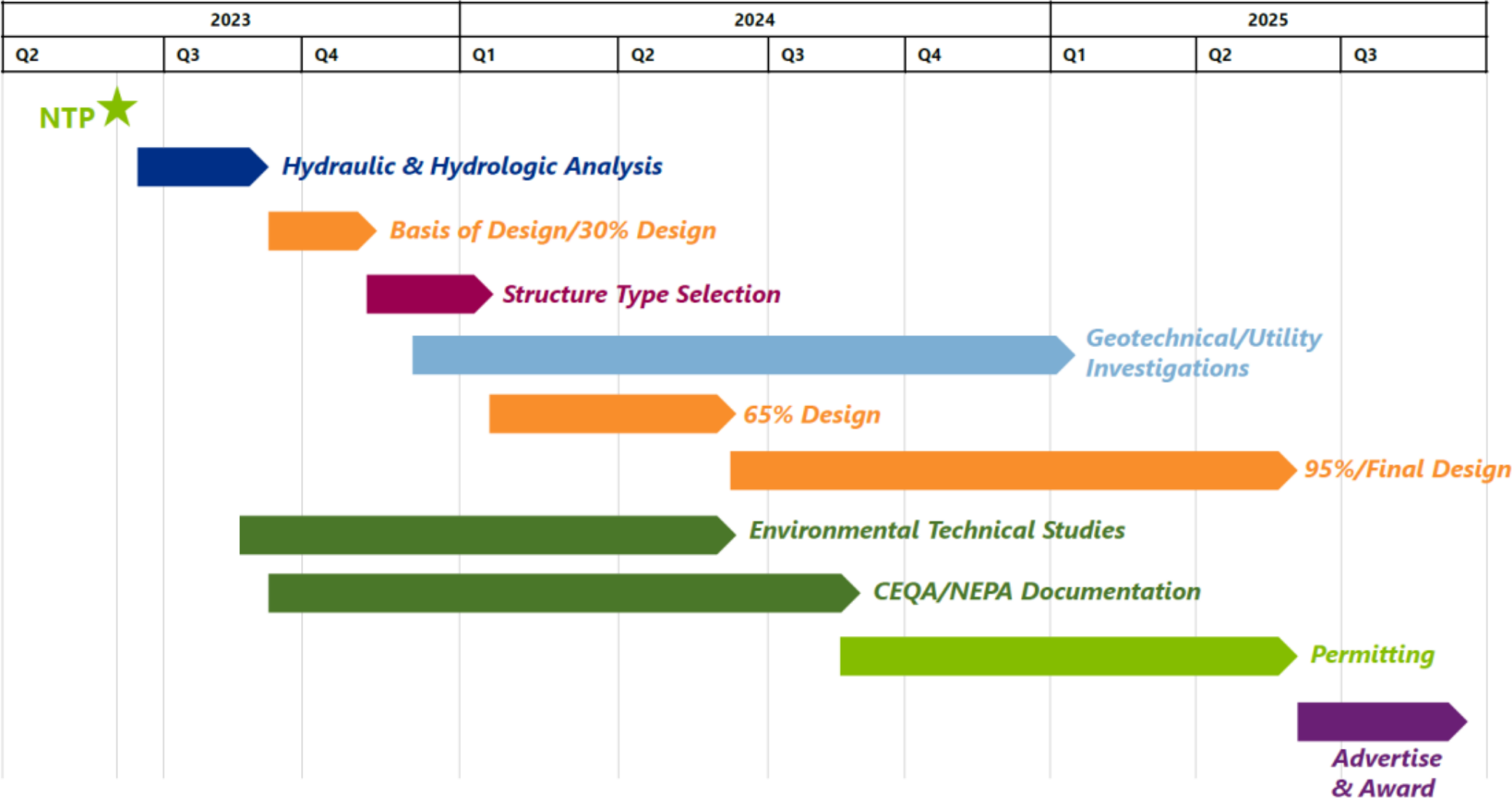
Community Engagement

- **10 public meetings** (including Committee/Commission, Council, and community meetings) and **two surveys**.
- Expected to focus primarily on **neighborhood impacts, roadway and public space design elements, and bridge aesthetics**.
- Includes development of up to **five bridge renderings**.



Renderings created by Mark Thomas for I Street Bridge Project in Sacramento

Proposed Schedule



Related Efforts

Outside Proposed Scope of Work

- Develop circulation and multi-modal improvements to Caulfield Lane intersections with Hopper Street/SMART Tracks* and Lakeville Street^
- Continue to explore grant funding opportunities to support construction phase
- Consider requesting project's inclusion in Metropolitan Transportation Commission's Regional Transportation Plan to improve grant funding eligibility

*In coordination with SMART and California Public Utilities Commission

^In coordination with Caltrans



Staff Recommendation

Authorize the City Manager to execute a Professional Services Agreement with Mark Thomas & Company, Inc. for environmental, permitting, and engineering services for the Caulfield Bridge & Extension Project.



Rendering provided by Mark Thomas for illustrative purposes only.