



Engineering & Operations Committee

Weymouth Administration Building Upgrades

Item 7-2

September 12, 2022

Weymouth Administration Building Upgrades

Current Action

- Authorize an increase of \$1,200,000 to an existing agreement with IBI Group for design services
- Authorize an agreement with Fugro, in an amount not-to-exceed \$450,000 for geotechnical engineering services

Weymouth Plant



Essential Facility

Weymouth Administration Building Upgrades



Background

Weymouth Administration Building Upgrades



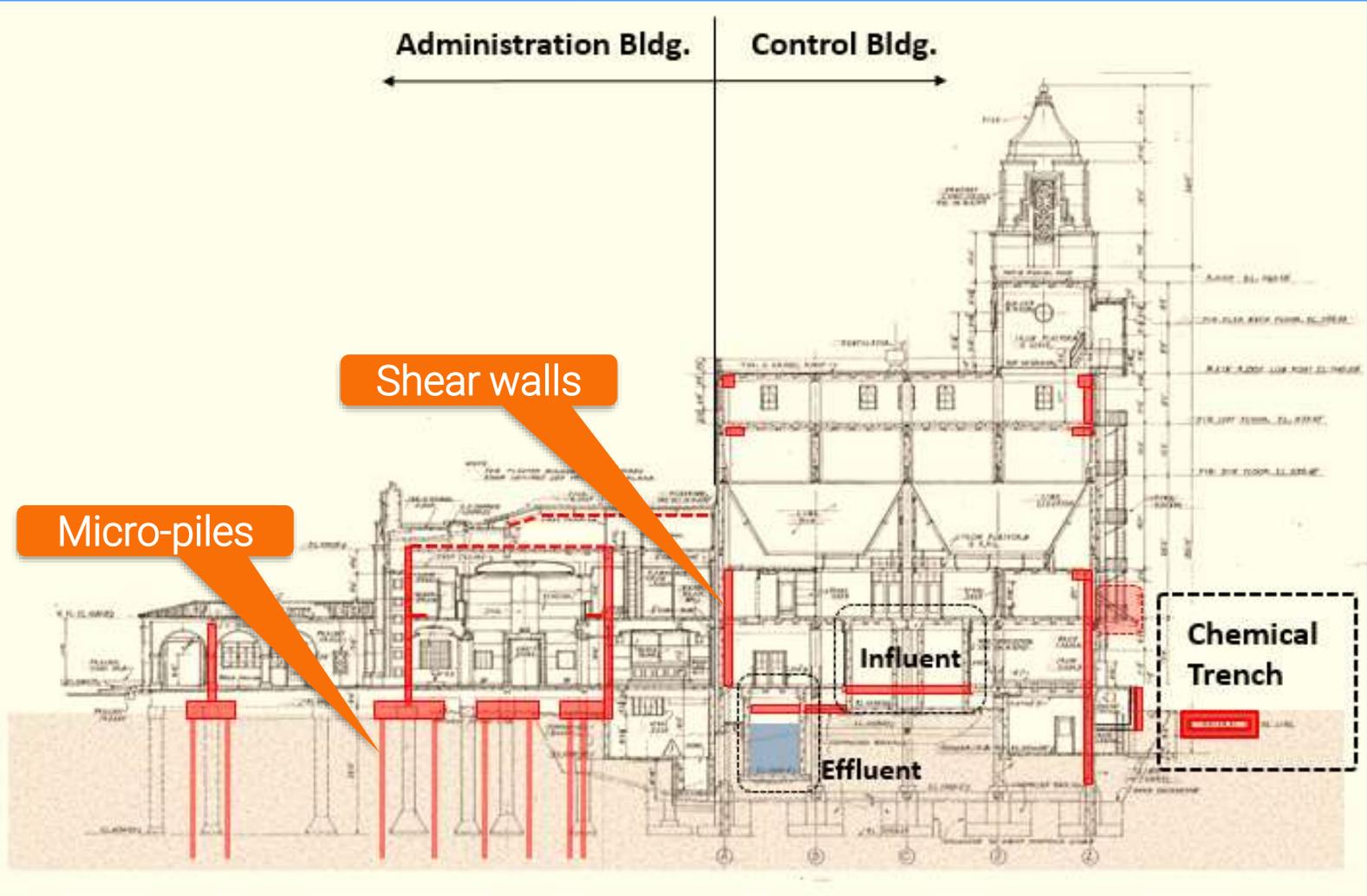
Water Quality Lab in
Admin. Bldg.



Seismic Retrofit Solution for Site-specific Seismic Criteria

Weymouth Administration Building Upgrades

Sierra Madre-Cucamonga fault is 1.5 miles away. Based on regional seismicity research, design ground acceleration increased 50%.



Weymouth Administration Building Upgrades

Metropolitan Scope

- Structural design for all building improvements
- Site plans for chemical & gas line trench
- Design of instrumentation & control upgrades
- Environmental support for CEQA
- Staff, laboratory, & control room relocation planning
- Project management & design oversight

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Agreement Amendment - IBI Group

- Complete final design - architectural mechanical, electrical, plumbing, & fire sprinkler
- Prepare plans for preservation of historic features
- Prepare engineer's cost estimate
- Provide technical assistance during bid period
- SBE participation level: 18%
- NTE Amount: \$1,830,000

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New Agreement – Fugro

- Prequalified under RFQ No. 1220
- Scope of Work
 - Provide geotechnical engineering services
 - Conduct micro-pile drilling & verification testing
- NTE amount: \$450,000
- SBE participation level: 25%

Weymouth Administration Building Upgrades

Alternatives Considered

- Metropolitan staff to complete all final design activities
 - Specialized expertise required for micro-pile testing program
- Selected Option
 - Staff & consultant work as a hybrid team
 - Metropolitan staff to lead civil, structural, & instrumentation design
 - Consultants to develop architectural, micro-pile verification testing & perform geotechnical services

Allocation of Funds

Weymouth Administration Building Upgrades

Metropolitan Labor

Final Design \$1,500,000

Program mgmt. & envir. support 920,000

Professional & Technical

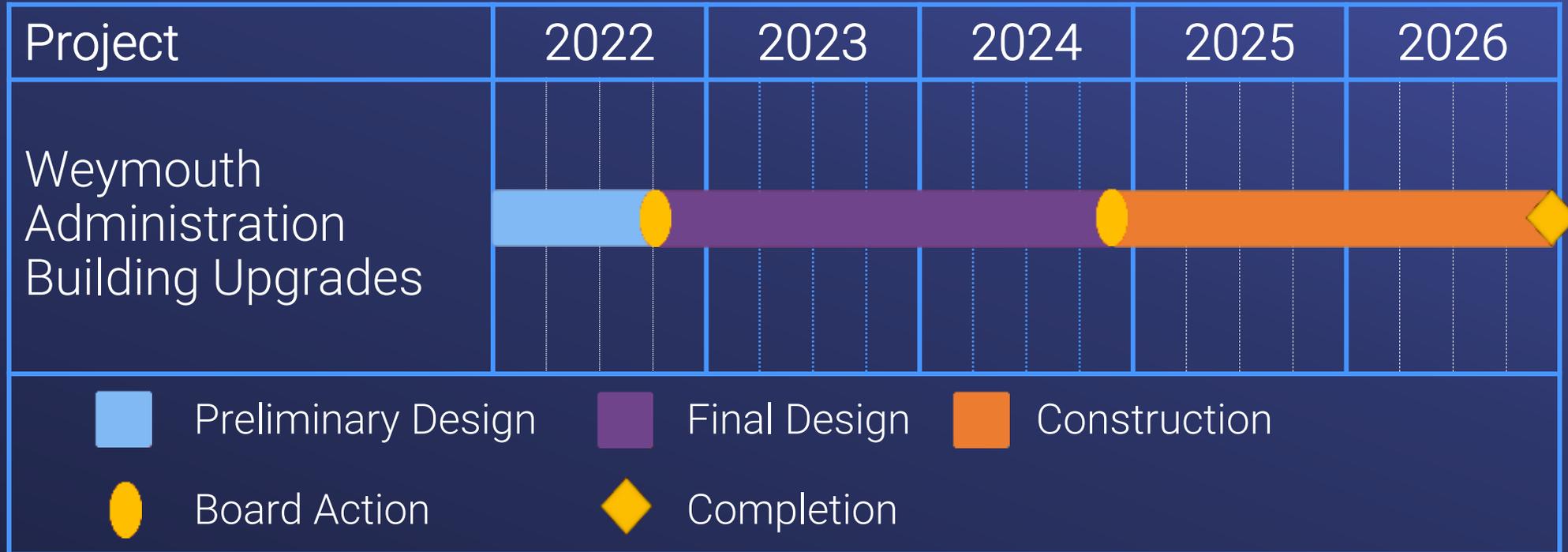
IBI Group 1,200,000

Fugro 450,000

Remaining Budget 730,000

Total \$4,800,000

Project Schedule



Board Options

- Option #1
 - Authorize an increase of \$1,200,000 to an existing agreement with IBI Group, for a new not-to-exceed amount of \$1,830,000 for design services to upgrade the Weymouth Administration Building.
 - Authorize an agreement with Fugro for a not-to-exceed amount of \$450,000 to provide geotechnical engineering services for structural strengthening of the Weymouth Administration Building.
- Option #2
 - Do not proceed with agreements at this time.

Staff Recommendation

- Option #1

