



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

Distribution System



Weymouth Plant



Essential Facility

Weymouth Administration Building Upgrades



Background

Weymouth Administration Building Upgrades



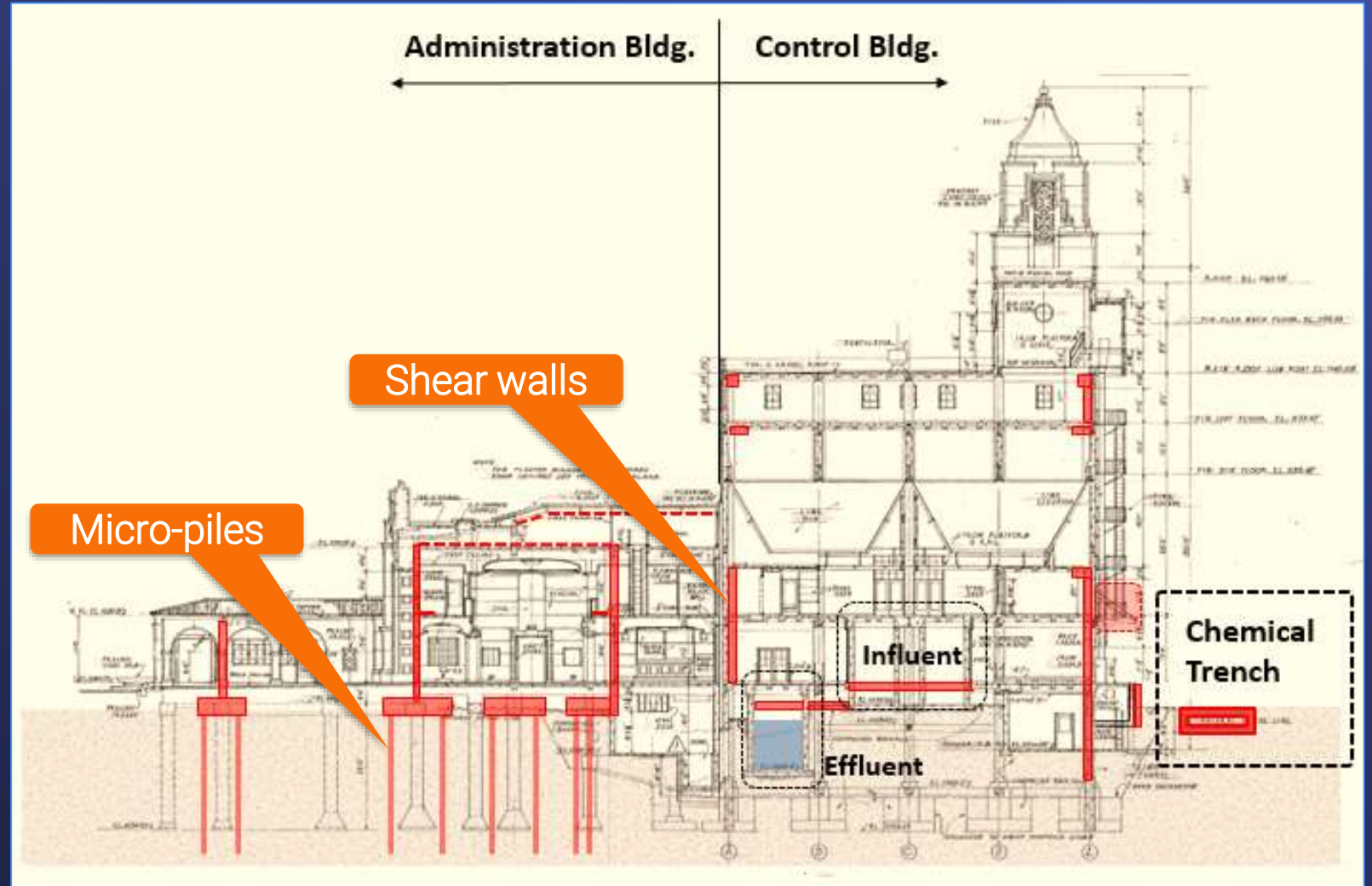
Water Quality Lab in
Admin. Bldg.



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

Weymouth Administration Building Upgrades

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%

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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
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Program mgmt. & envir. support	920,000
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Professional & Technical

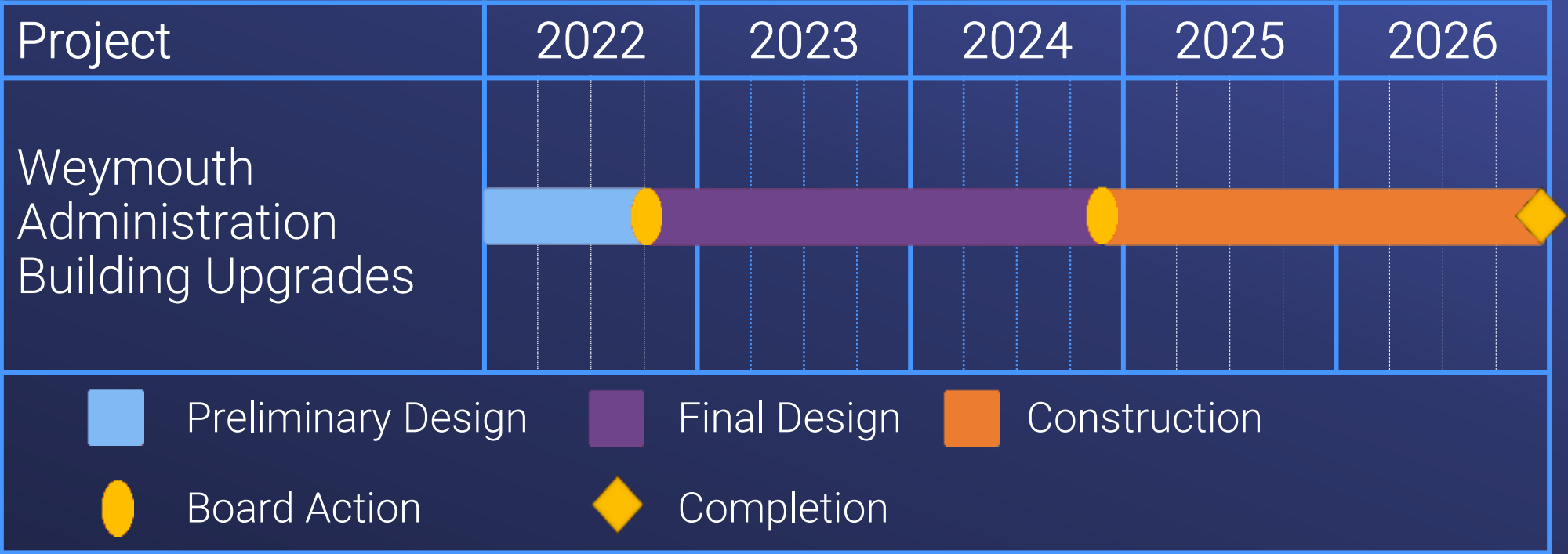
IBI Group	1,200,000
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Fugro	450,000
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Remaining Budget	730,000
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Total	\$4,800,000
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Project Schedule



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

