



Seismic Upgrades to the Diemer Plant Administration Building

Engineering & Operations Committee

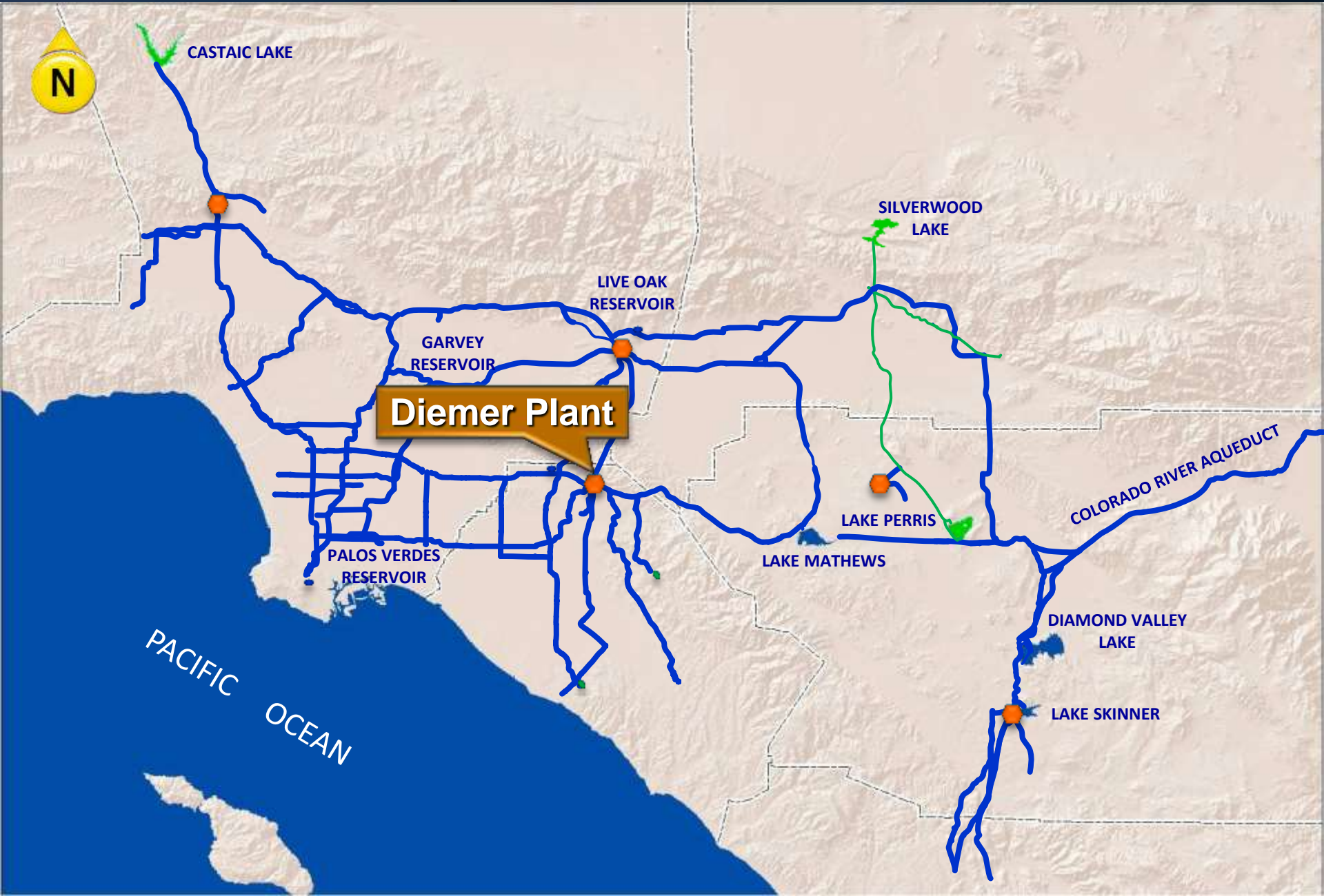
Item 8-4

November 7, 2016

Current Action

- Adopt CEQA determination
- Appropriate \$8,100,000
- Award \$4,426,000 contract to Woodcliff Corporation for seismic upgrades to the Administration Bldg. at the Diemer plant

Location Map



Diemer Plant



Carbon Canyon Rd

Whittier Fault

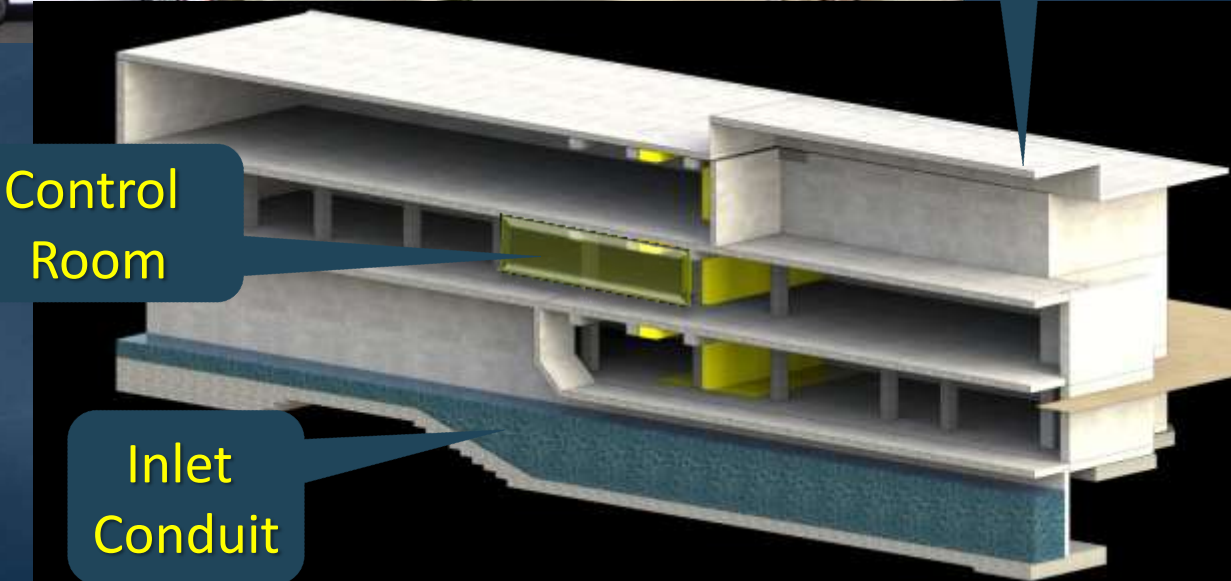
Ozone Generation Bldg.

Admin. Bldg.

Diemer Administration Building



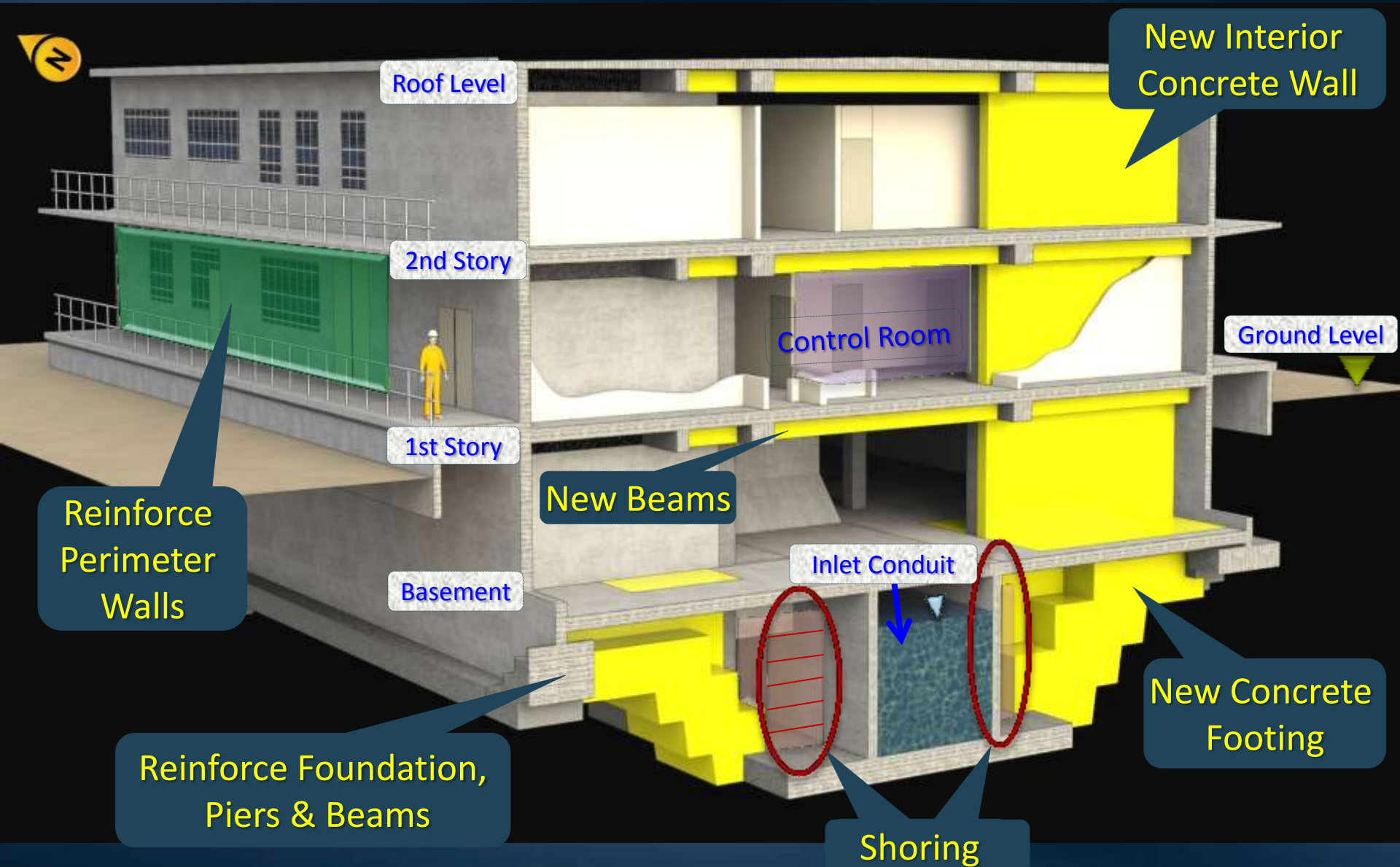
Clerestory
Roof



Control
Room

Inlet
Conduit

Administration Building Seismic Upgrades



Administration Building Seismic Upgrades



Conduit, Piping
& Eqpt.
Relocation



Contractor Scope of Work

- Seismic upgrades
 - 12-inch interior concrete walls
 - Concrete footings w/ special shoring
 - Strengthening of perimeter walls, concrete foundations, piers, beams, & clerestory roof system
- Fire safety upgrades
 - Fire alarm & occupant notification system
 - Control room HVAC system
- Other modifications
 - Architectural features for ADA compliance
 - Mech. & elect. eqpt. relocation

Metropolitan Scope of Work

- Relocations
 - Admin. Bldg. staff
 - Plant laboratory
 - Plant control room functions
- Piping & conduit modifications
- SCADA programming
- Eqpt. start-up & testing
- Haz. material mgmt.
- Construction inspection
- Structural submittals review

IBI Group Scope of Work

- Engineer of Record for HVAC system, fire alarm system, & architectural modifications
- Technical support during construction
 - Contractor submittals review
 - Response to contractor RFIs
 - Advise on technical issues
 - Record drawings
- Existing Agreement
 - Estimated cost \$165,000
 - SBE participation - 18%
 - No action required

Bid Results

Specifications No. 1748

Bids Received:	September 29, 2016
No. of Bidders:	2
Low Bidder:	Woodcliff Corporation
Low Bid:	\$4,426,000
2nd Bid:	\$5,475,000
Engineer's Estimate:	\$3,400,000
SBE Participation*:	55%

* SBE (Small Business Enterprise) participation level set at 27%

Requested Funds

Construction contract	\$ 4,426,000
Labor	
Metropolitan force const.	1,660,000
Const. inspection	707,000
Submittals review & record drwgs.	195,000
Permitting, haz. material mgmt. & PM	290,000
Materials & supplies	123,000
Professional services	
IBI Group	165,000
Remaining budget	534,000

Total : \$8,100,000

Total construction cost: \$6.2 M

Schedule



Construction



Project Completion



Board Action

Board Options

● Option #1

- Adopt CEQA determination that the proposed action is categorically exempt
- Appropriate \$8,100,000
- Award \$4,426,000 contract to Woodcliff Corporation

● Option #2

- Do not proceed with the project at this time

Staff Recommendation

- Option #1

