



Engineering & Operations Committee

# Jensen Security Upgrades

Item 7-3

July 12, 2022

## Jensen Security Upgrades

### Current Action

- Authorize an agreement with Jacobs Engineering Group, Inc., in an amount not to exceed \$700,000 to perform final design of security upgrades at the Jensen plant

The map illustrates the proposed water transmission system across Southern California. Key features include:

- Geographic Context:** The map covers parts of California, Oregon, and Arizona, with county boundaries for Ventura, Los Angeles, San Bernardino, Orange, San Diego, Riverside, and Imperial clearly marked.
- Proposed System:** A blue line represents the transmission route, starting from the Pacific Ocean and extending eastward through the region.
- Water Plants:** Six plants are identified with red dots and labels:
  - Jensen Plant (near Los Angeles, highlighted with an orange callout)
  - Weymouth Plant (near Los Angeles)
  - Diemer Plant (near Los Angeles)
  - Mills Plant (near San Bernardino)
  - Skinner Plant (near San Diego)
  - An unnamed plant near Riverside.
- Water Bodies:** Major water bodies shown include the Pacific Ocean, San Diego Bay, Lake Mead, and several smaller lakes like Castaic, Silverwood, Lake Perris, Lake Mathews, and Diamond Valley.
- Navigation:** A north arrow is located in the top left corner.



# Background

- 150 acres of critical treatment infrastructure
- 13,000 linear feet of chain-link fencing
- Bordered by two major streets to the north, & LADWP facilities to the south



# Background

- Security cameras & lighting require upgrades to meet latest security standards
- Security network cable installed in the 1990s & does not support bandwidth of modern surveillance equipment
- Perimeter security enhancements recommended



Jensen plant perimeter fencing



# Planned Work

- Replace & add cameras, lighting, & badge readers
- Upgrade supporting infrastructure for security network
- Perimeter enhancements including fencing, drought tolerant landscaping, & other security enhancements



Example of landscape concealment at La Verne Facilities



Outdated analog cameras at Jensen Plant

## Jensen Security Upgrades

### Alternatives Considered

- Conduct all final design activities with Metropolitan staff
- Selected alternative – Develop final design with a hybrid effort of consultant & Metropolitan staff
  - Metropolitan staff retained for civil & structural engineering
  - Consultant retained for security expertise

## Jensen Security Upgrades

### New Agreement – Jacobs Engineering Group, Inc.

- Prequalified under RFQ No. 1215
- Scope of Work:
  - Final design drawings & specifications
  - Equipment procurement support
  - Engineer's cost estimate
- SBE participation level: 25%
- NTE amount: \$700,000



## Jensen Security Upgrades

### Metropolitan Scope

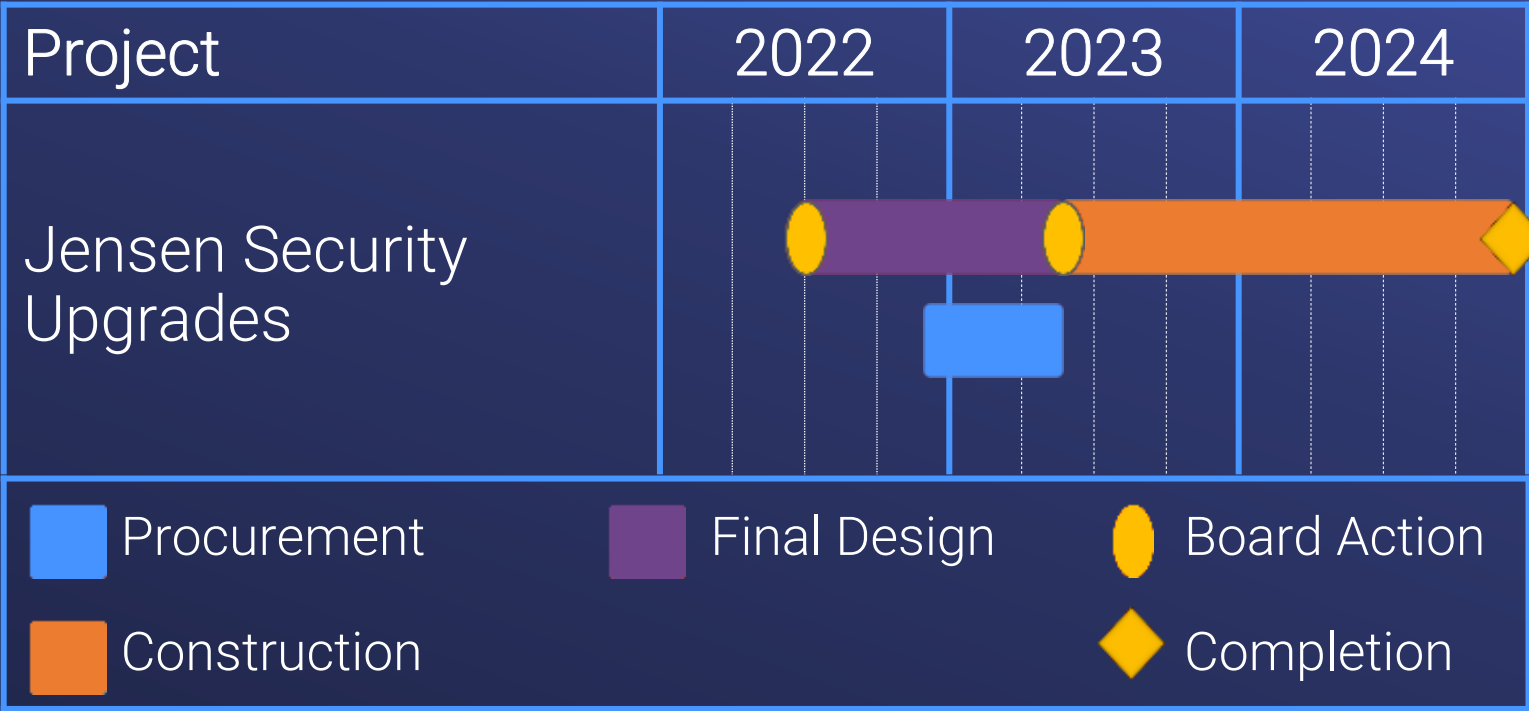
- Final design for structural & civil project elements
- Project management & design oversight
- Environmental support for CEQA

# Allocation of Funds

## Jensen Security Upgrades

Metropolitan Labor	
Final design	\$ 210,000
Program mgmt., contract admin. & envir. support	219,000
Professional Services	
Jacobs Engineering Group, Inc.	700,000
Remaining Budget	200,000
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Total	\$1,329,000

# Project Schedule





# Board Options

- Option #1

Authorize an agreement with Jacobs Engineering Group, Inc. for a not-to-exceed amount of \$700,000 to perform final design for security upgrades at the Jensen plant.

- Option #2

Do not proceed with an agreement at this time.

# Staff Recommendation

- Option #1

