Presented to:

CMAA

Presented by:
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May 2016
John Wayne Airport Overview

- Owned & operated by the County of Orange
- 503 acres
- Bordered by Costa Mesa, Irvine & Newport Beach
- Self-supporting enterprise fund
John Wayne Airport
Capital Improvement Program: Goals

- **Equality**: Equivalent architectural/aesthetic character in existing and new terminals
- **Safety & Security**: Proven state-of-the-art technology in all facilities
- **Convenience**: Ease of access and uncomplicated passenger experience throughout facilities
- **Affordability**: Efficient, value-driven design funded in most cost-effective manner
- **Flexibility**: Build flexibility into the design to accommodate changing operational needs over time
Projects

Parking Structure C South (CMAR pre-award) $35,000,000
Terminal Renovations (under construction) $100,000,000
Paularino Street and Gate Upgrade (re-bid) $2,500,000
Airport Perimeter Security Modifications (planning) $5,225,000
Reconstruct Taxiway A (planning) $30,000,000
12 KV Distribution improvements (planning) $2,500,000
CUP Black-start/Load-shedding (pre-design) $2,000,000
Station 18 Improvements (planning D/B) $3,000,000
Taxiway B Rehabilitation (design) $8,000,000
Terminal Apron Rehabilitation (planning) $2,875,000
Airport-wide Building Automation System (planning) $4,000,000
Terminal A and B Air Handlers Replacement (planning) $2,000,000
Taxiway C Improvements (planning) $10,000,000
Radio Frequency ID System (planning) $1,000,000
JOHN WAYNE AIRPORT
Improvement Project
CRITERIA

Priority will be given to the comfort and safety of the John Wayne Airport guests during the implementation of this program. In accordance with essential project criteria, the JWA project management team and the Swinerton Design Build team will be planning for and ensuring that continued positive overall airline passenger experience; visual and sensory division between passenger traffic and construction areas; plus safety, noise, and dust protection.
Essential Project criteria

- Top priority! Comfort and safety of Airport guests
- Continued positive overall experience; uninterrupted movement
- Only one gate down (remains open @ gates 2, 3, 4)
- Airport businesses remain in operation.
- Continual progress, multiple locations, multiple shifts, seamless coordination
- Enclosed work areas - permanent appearance, graphics
- Noisy, dusty or produces odor / fumes to be done at night.
- Systems to remain in operation (short downtimes as necessary)
- Fire Watch! Egress paths to remain open at all times.
4 design packages:

- Package 1 to prioritize the design and build out of the Nursing Mother’s Lounge and SARA (Package 1). Permitted.

- Package 2 contains the Rotated Square restrooms & Gates 2, 3 and 4 Improvements. Submit for permit.

- Package 3 contains the balance of phased construction. 50% review.

- Package 4 is for “decoupled” work

Design development will continue through December 2016.
INITIAL TASKS

• Task 23 Nursing Mother’s Lounge (construction – June - August)
• Task 14 SARA (construction started – finish Sept)
• Task 8 Restroom Renovations (start April 2017)
• Task 17 Welding (underway)
• Task 18 Non-structural Seismic Retrofits
• Task 23 Back of House (utility work started)
• Gate 2 (June Through December)
• Signage/Wayfinding Design
TASK 17 SEISMIC RETROFIT WORK
TASK 17 SEISMIC RETROFIT WORK
SCAFFOLD SECTION DETAILS

Column Barricade

Rolling Scaffold

High Barrel Scaffold
EXAMPLE TYPICAL WORK ENCLOSURE REQ’D BY CRITERIA
EXAMPLE TYPICAL WORK ENCLOSURE REQ’D BY CRITERIA
MOCK-UP OF WORK ENCLOSURE FOR GATES 2 - 4
MOCK-UP OF WORK ENCLOSURE FOR GATES 2 - 4
PHASING PLANNING NURSING MOTHER’S LOUNGE
General Aviation
Dos for Getting Work

• Know the owner
• Know the project
• Follow instructions
• SOQ is you
• Use project staff not sales

• Check references
For additional information/questions:

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