

Public Meeting

LAX Central Utility Plant Replacement Project (CUP-RP) Environmental Impact Report

Flight Path Learning Center
August 18, 2009



Purpose of Public Meeting

- Central Utility Plant Replacement Project Draft EIR Published July 30, 2009
- Meeting is to solicit comments on Draft EIR
- Close of Public Comment Period: Monday, September 14, 2009- 5:00 P.M.

Meeting Format

- Presentation
- Opportunity for Public Comments
- Informal Workshop

Project Background

- Existing CUP provides heating and cooling for terminals, generates electricity sold back to LADWP
 - Aging/obsolete facility, no longer meets energy and safety codes
 - Operational efficiency decreasing
 - Costs to repair/maintain, control air pollutants, and comply with environmental regulations are high and increasing
 - Shortfalls in cooling capacity occurring relative to existing demand

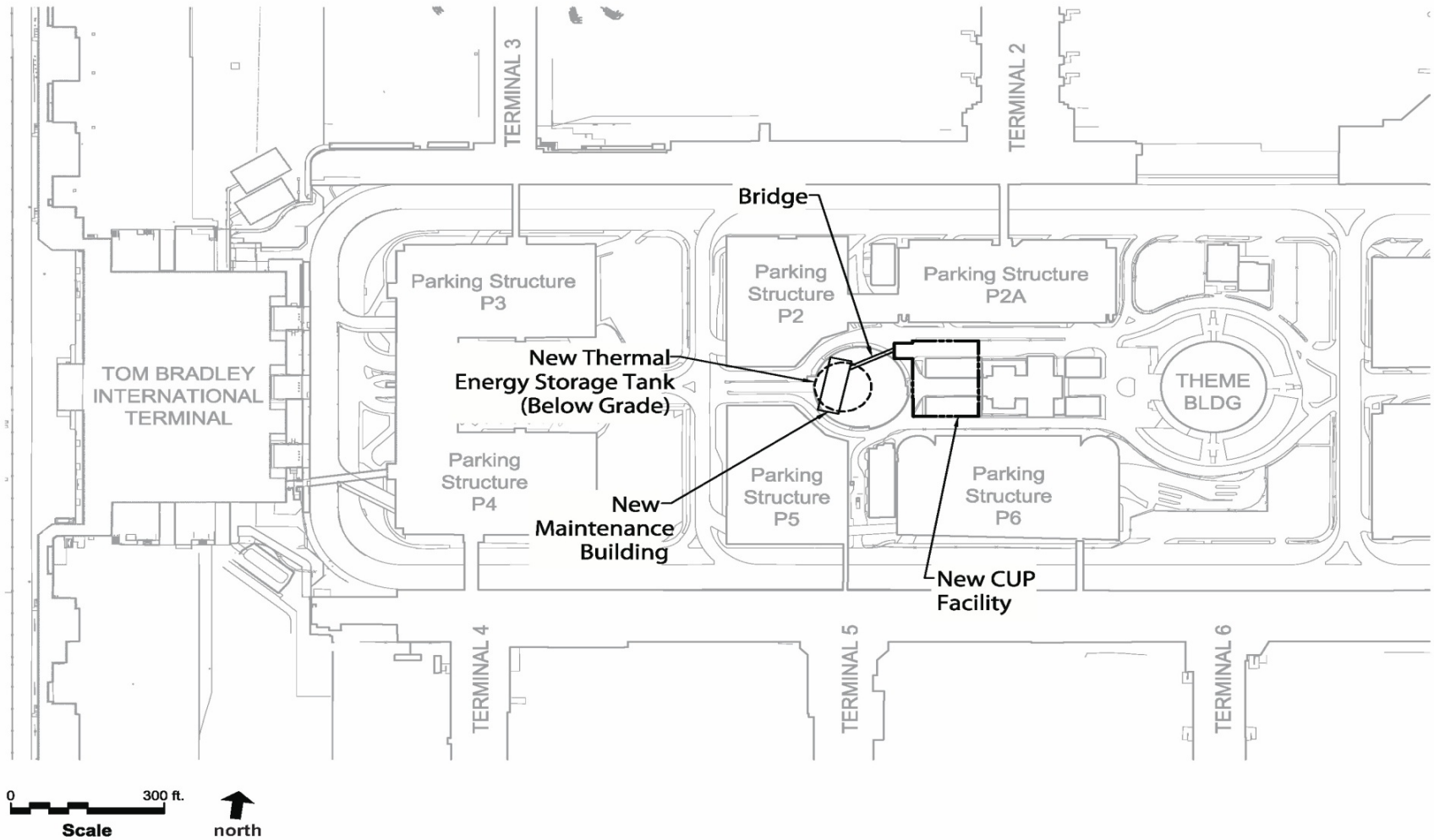
Overview of Project Components

- Demolition of CUP and associated facilities
- New CUP, maintenance shop building, cogeneration system and cooling tower system
- Construction of underground thermal energy storage tank (TES)
- Electrical upgrades- new electrical substation and retrofit of existing LADWP substation
- New Fire Management and Fire Life Safety System

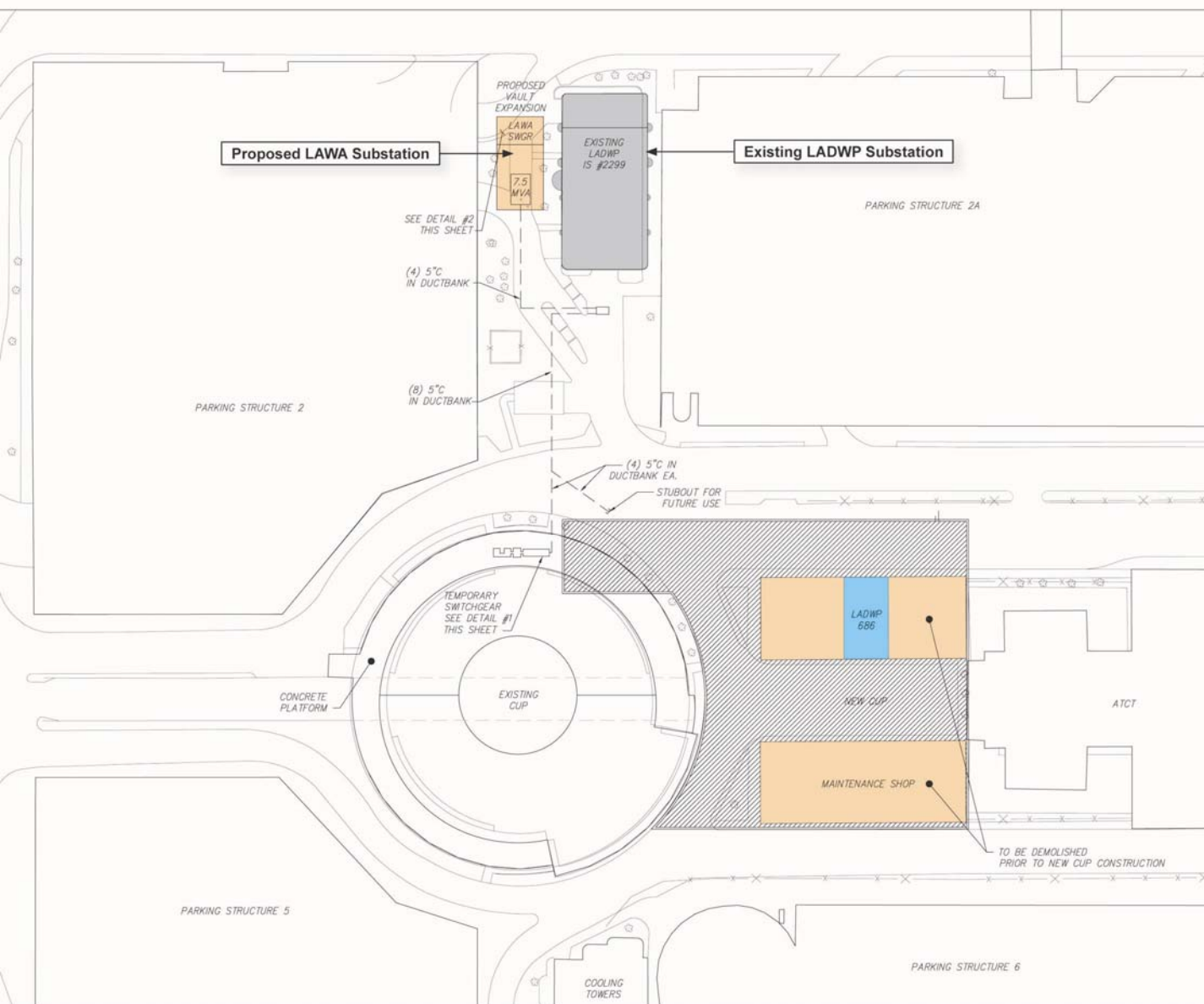
Overview of Project Components (cont'd)

- Replacement of buried chilled water and hot water service lines in the CTA
- Potential installation of recycled/reclaimed water pipeline and off-site treatment system
- Possible use of biogas from digesters at Hyperion Treatment Plant (HTP) to augment existing natural gas system at CUP

Proposed Central Utility Plant Replacement Project



Proposed Central Utility Plant Replacement Project



**CUP Electrical
Substations**

Proposed Central Utility Plant Replacement Project



**Conceptual Alignment of Chilled Water
and Hot Water Service Lines**

Proposed Central Utility Plant Replacement Project



**Potential Reclaimed Water Pipeline
and Treatment System Locations**



Construction Staging/Parking Areas


Activity Name: ¹	Construction Employee Parking	Delivery Staging
CUP-RP	G	G
1. LAX Bradley West Project ²	A,D	A
2. Security Program - In-Line Baggage Screening Systems (T6)	F	F
3. Airfield Improvements Program - Taxiway / Taxilane / Service Roads	C	C
5. Terminal / Apron Electrical Service Capacity Upgrades	G	G
11. Replacement of Elevators and Escalators	C	C
13. CTA Seismic Retrofits	G	G
17. Misc. Construction and Maintenance Activities	B	B
18. Metro Bus Maintenance and Operations Facility	D	D

¹ Represents all construction projects anticipated to be underway concurrent with the cumulative peak month of construction during the CUP-RP construction period as depicted in Figure 4.1-5.

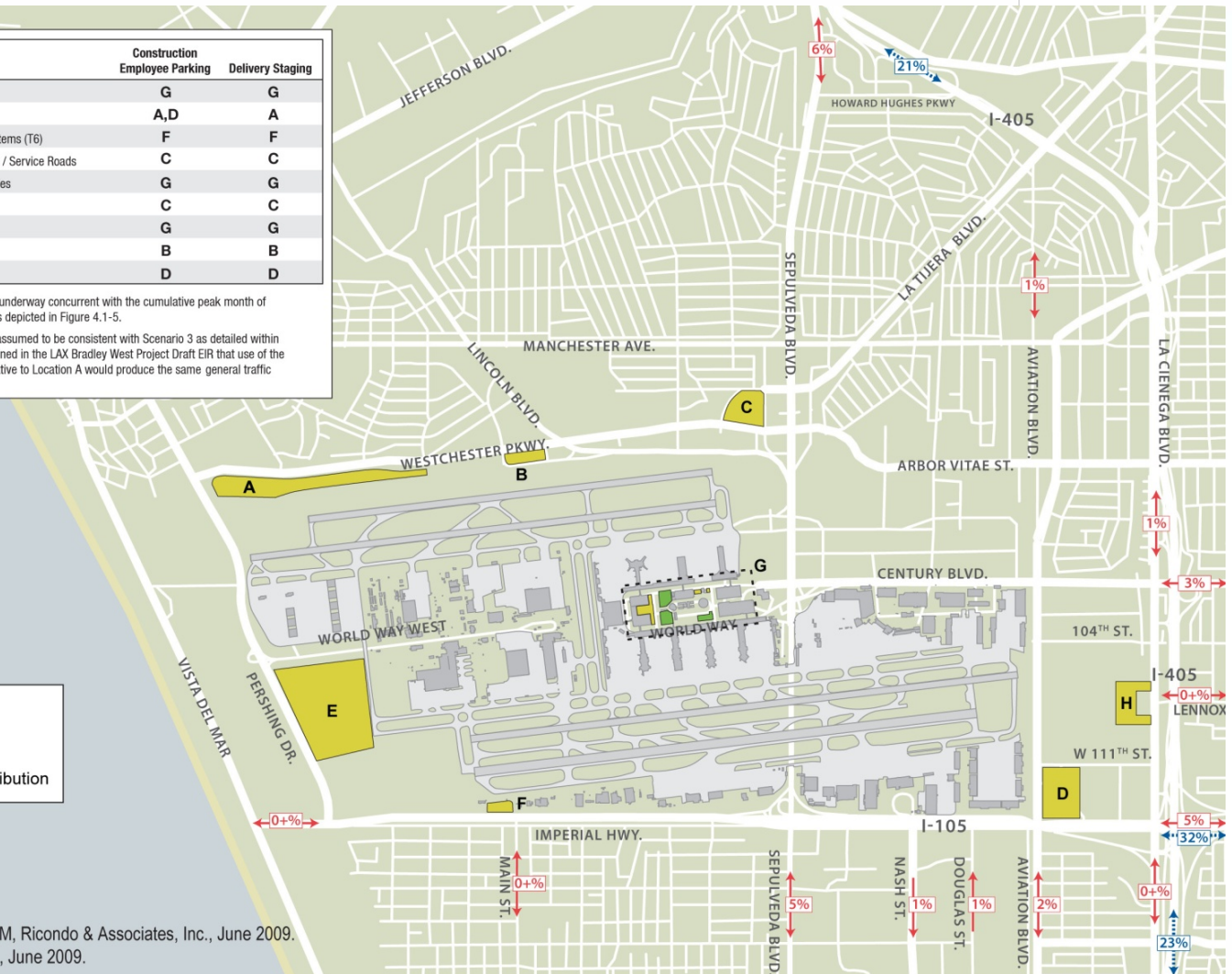
² Staging locations for the LAX Bradley West Project is assumed to be consistent with Scenario 3 as detailed within the LAX Bradley West Project Draft EIR. It was determined in the LAX Bradley West Project Draft EIR that use of the West Staging / Parking Area (Location E) as an alternative to Location A would produce the same general traffic conditions within the study area network.

Legend

-  Local Distribution
-  Regional Roadway Distribution

Not to Scale. 

Source: Los Angeles World Airports, CDM, Ricondo & Associates, Inc., June 2009.
Prepared by: Ricondo & Associates, Inc., June 2009.



Less than Significant Impacts

- Traffic - construction and operation
- Air Quality – operation
- Human Health Risk - operation
- Global Climate Change – operational beneficial effect^t

Significant Project Impacts

- **Air Quality Impacts**
 - Construction Emissions Impacts - VOC and NO_x
 - Construction Concentration Impacts - PM₁₀
 - Cumulative Construction Emissions - CO, VOC, NO_x, PM₁₀, and PM_{2.5}
 - Cumulative Construction Concentration Impacts - NO₂ and PM₁₀
- **Human Health Risk Impacts**
 - Construction activities would increase cancer risk for adult workers immediately nearby
- **Global Climate Change Impacts**
 - Construction Related-Greenhouse Gas Emissions (project-level and cumulative)
 - Cumulative Operational Impact – LAWA Sustainability Plan GHG reduction goal not met

Next Steps

- **Public Testimony**
- **Informal Workshop**
- **Opportunities for Public Comment**
 - Provide testimony at public meeting
 - Complete comment cards and submit at public meeting
 - Email comments to LAXCentralUtilitiesPlant@lawa.org
 - Mail comments to:

Los Angeles World Airports, Environmental
Services Division
Attn: Lisa Dugas
7301 World Way West, 3rd Floor
Los Angeles, CA 90045-5803
 - Comment Period closes **September 14, 2009 at 5:00 P.M.**

Next Steps (continued)

- **Final EIR**
 - Will include written responses to comments received
 - To be published in October 2009
 - Requires certification by BOAC
- **If approved, project construction anticipated to begin late 2009**