



**CITY OF MANHATTAN BEACH CITY HALL**

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**TO:** Honorable Mayor and Members of the City Council

**FROM:** Bruce Moe, City Manager

**MEETING:** City Council Regular Meeting, March 2, 2021

**SUBJECT:** Agenda Item No. 3 – Presentation by Los Angeles World Airports (LAWA) Regarding the LAX Airfield and Terminal Modernization Project.

**DATE:** March 2, 2021

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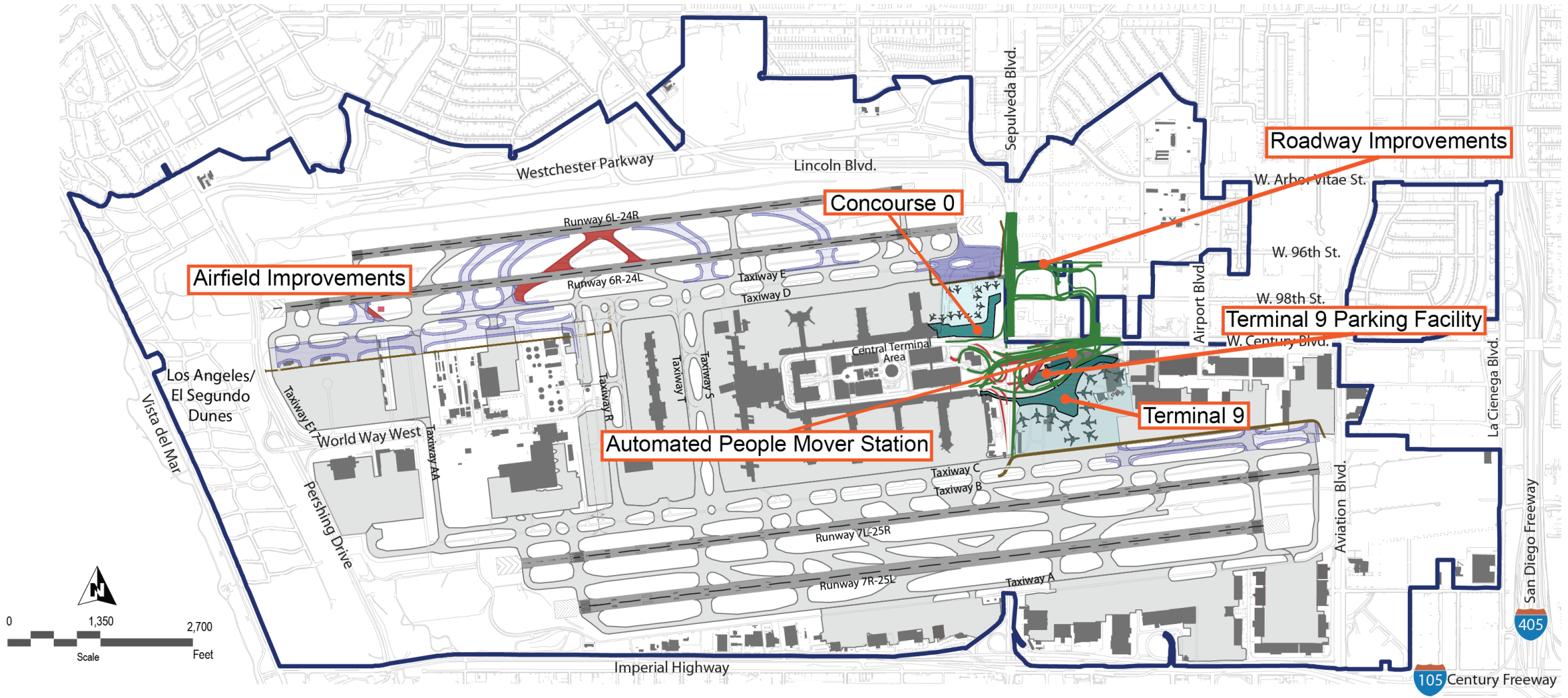
## **SUPPLEMENTAL ATTACHMENT**

- PowerPoint Presentation

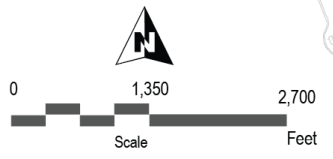


# AIRFIELD & TERMINAL MODERNIZATION PROJECT

Manhattan Beach City Council  
March 2, 2021



- Airfield Improvements
- Terminal and Related Improvements
- Roadway Improvements
- Vehicle Service Road
- Taxiway/Roadway to be Removed or Decommissioned
- LAX Property Boundary





- Airfield Improvements – Planning Factors
  - Focus was on safety improvements in North Airfield
  - Key safety issues: Locations of where Rwy 6L-24R exits cross Rwy 6R-24L, and angles of crossings
  - Need to extend Taxiway D to provide for improved management of airfield operations
- Terminal Improvements – Planning Factors
  - Airfield improvements require removal of some West Remote Gates
  - Terminal improvements important for accommodating projected future growth
  - Concourse 0 and Terminal 9 provide replacement gates within full-service facilities integrated with the Central Terminal Area and better serve projected future increase in passengers levels
- Landside (Roadway) Improvements – Planning Factors
  - Beyond simply providing access to Terminal 9, formulation of roadway system improvements included objective of removing airport-related traffic from local roads, especially Sepulveda Blvd.
- 2028 Identified as Buildout Year for Improvements to in place by 2028 Olympics



## Future Growth in Passenger Levels at LAX

### ■ Long-Term Growth Projections

- SCAG 2020 RTP/SCS has Aviation Demand Forecast for Southern California in 2045, including by Airport
- LAWA 2019 Aviation Demand Forecast has projections for LAX each year through 2045
- Both Forecasts were done independent of the proposed Project and reached a similar conclusion for LAX Passenger Levels in 2045: 127 MAP SCAG Forecast projects that LAX's share of regional passenger demand, as distributed between the 7 major commercial airports in So Cal, will decrease in the future.
- The projected 2028 activity level of 800,000 annual aircraft operations and 110.8 MAP can be accommodated without the Project (i.e., future activity level is the same with or without the Project); passenger level of service and management of airport operations much better with Project



## Concourse 0

- 11 gates (two would be removed for a total of 9 net new gates) for mid-size aircraft
- Between 750,000 and 1.2 million square feet in size (optional office space above the concourse facilities)
- Connected to Central Terminal Area
- International capability (Federal Inspection Services)
- Pedestrian corridor to future East Central Terminal Area Automated People Mover station
- No curb access - passengers would be processed through Terminal 1



Concourse 0 Conceptual Site Plan





## Terminal 9

- 12 gates for widebody aircraft
- Up to 1.5 million square feet in size
- International capability (Federal Inspection Services)
- Pedestrian corridor to new Automated People Mover station
- Pedestrian corridor to Terminal 8 in the Central Terminal Area (CTA) over Sepulveda Boulevard
- Parking facility
- Access to/from roadway system



Terminal 9 Conceptual Site Plan





## Conceptual View of Roadways

- Aerial view from Sepulveda Blvd. south of Lincoln Blvd., looking southeast across proposed roadway system
- Illustrates new elevated roadways providing access to and from the Central Terminal Area
- Automated People Mover (currently under construction) is shown on the left
- Concourse 0 is shown on the right side of the image
- Terminal 9 is shown in the background, south of Century Blvd. and to the left of Terminal 8





### Improves Passenger Experience

- Reduces busing from remote gates
- Contact gates provide a better passenger experience
- More seating, concessions, and retail
- Seamless transition between international and domestic flights

### Improves Community Experience

- Reduces traffic congestion
- Promotes sustainability
- Less aircraft idling improves air quality
- Connection to the Automated People Mover train and regional mass transit

### Enhances Safety & Carrier Experience

- Enhances operational management which reduces delays and enhances safety
- Reduces airfield wait times
- Removes most of the remote gates
- Improves taxiways
- Enhances aircraft movement

### Increases Business Opportunities

- Promotes local jobs during construction and operations
- Provides additional concessions (restaurants and shops)
- Increases business opportunities for local and small businesses

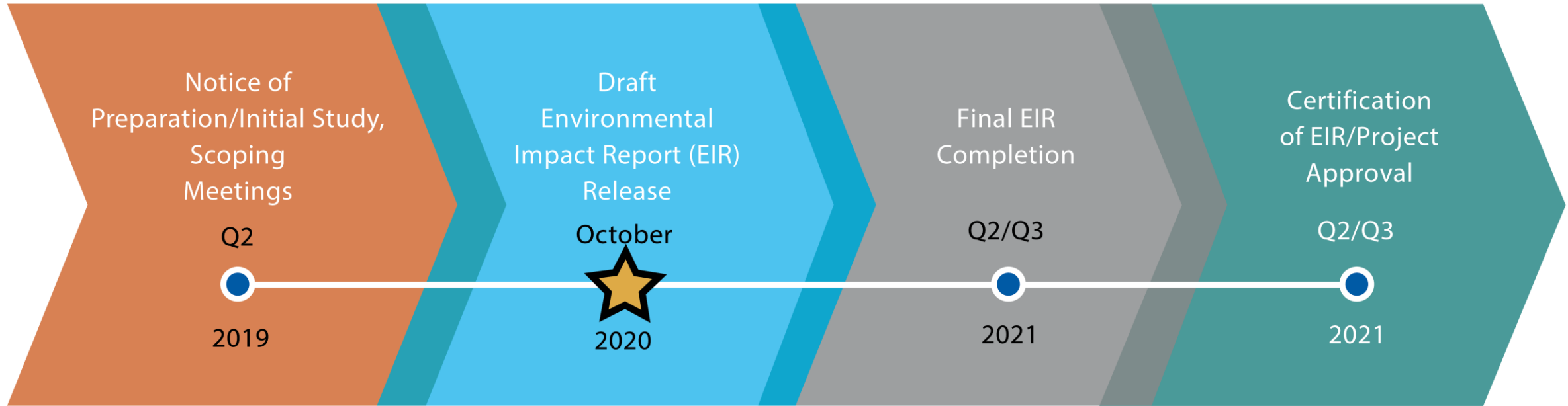
# CEQA Process



Environmental Concern	Significant Impact?	Significant Impact after Mitigation?
Air Quality	Yes	Yes
Human Health Risk	No	-
Cultural (Historic)	No	-
Energy	No	-
Greenhouse Gas	Yes	Yes
Hazardous Materials	No	-
Land Use and Planning	No	-
Construction Noise	Yes	No
Aircraft Noise	Yes	Yes
Transportation	Yes	Yes
Utilities	No	-



Resource Area	Mitigation Measures
Air Quality & GHG	11 Mitigation Measures including: <ul style="list-style-type: none"> <li>• Renewable Diesel Fuel in Construction Equipment</li> <li>• Rock Crushing Facility on site</li> <li>• Solar Energy, where feasible</li> <li>• Contractors recycle/salvage minimum of 85% construction/demolition waste</li> </ul>
Construction Noise	<ul style="list-style-type: none"> <li>• Noise Control Plans similar to LAMP and other Projects</li> <li>• Noisiest on-site construction during day as feasible</li> <li>• Locate noisiest equipment away from sensitive land uses, as feasible</li> </ul>
Aircraft Noise	<ul style="list-style-type: none"> <li>• Update Noise Exposure Map before Project is operational</li> <li>• Newly exposed residences would be eligible for sound insulation programs if in new Noise Contours</li> </ul>
Transportation	Implement comprehensive VMT Reduction Program including: <ul style="list-style-type: none"> <li>• Expand Rideshare</li> <li>• Expand on-demand micro transit service/FlyAway service</li> <li>• Conduct congestion pricing study</li> </ul>



The Draft EIR for the LAX Airfield and Terminal Modernization Project was released on October 29, 2020 for public review and comment. LAWA will accept public comments on the Draft EIR until March 15, 2021.

For more information please go to [www.LAWA.org/ATMP](http://www.LAWA.org/ATMP)

Thank You

