



AIRFIELD & TERMINAL MODERNIZATION PROJECT

Non-CEQA Transportation
Assessment Briefing

Neighborhood Council of
Westchester Playa

May 25, 2021

LAWA
LOS ANGELES WORLD AIRPORTS

COORDINATION

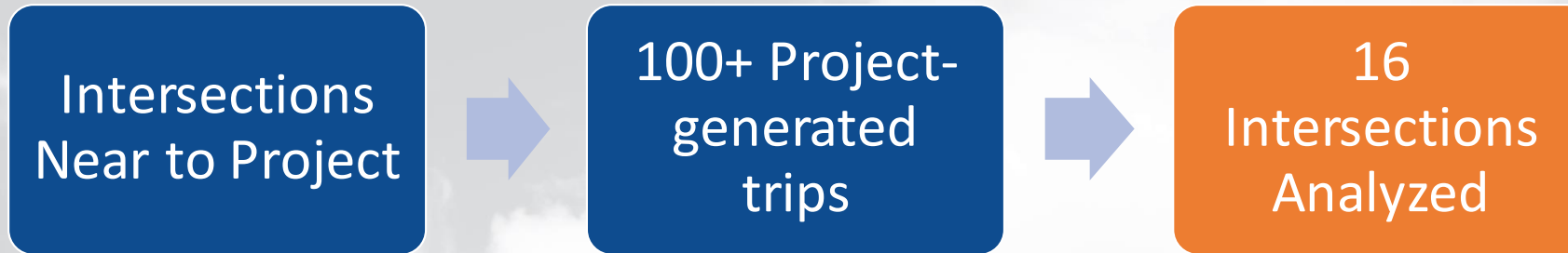
- Guided by LADOT's Transportation Assessment Guidelines (TAG) 2020
- Worked closely with LADOT on analysis, findings and recommendations



ANALYSIS INCLUDED

- Pedestrian, bicycle and transit assessment in vicinity of proposed Project
- Intersection operations, roadway design, as well as project access, safety, and circulation evaluation
- Activities associated with Project construction including temporary constraints and temporary loss of access

TAG Criteria Used to Determine Intersections to be Analyzed



Intersection Impacts Evaluation

- Used Trips Generated during AM & PM peak period hours
- Trips travelling to various LAWA facilities, i.e.
 - CTA
 - ITF
 - Employee Parking Lots
 - Rental Car Facilities (ConRAC)

Level of Service Evaluation

- Calculated the delay associated with/without Project in 2028
- Delay analysis used to assess intersections queueing

Project-related queueing considered unacceptable/extended (i.e., deficient) if it causes traffic spill-over from turn pockets into through lanes, blocks cross streets or alleys, or contributes to gridlock

RESULTS (Project-Related Deficiency)

- Only one deficiency found
- Future Sepulveda/96th Street Intersection
- Queueing in westbound right movement
- Queueing in northbound through movement

No unacceptable/extended queueing impact found in southbound left turn movement

RECOMMENDATIONS (Corrective Actions)

- Modify lane configuration - Sepulveda/96th St
- Add westbound right lane to the 2 proposed
- Add northbound through/right pocket lane

Corrective Actions will:

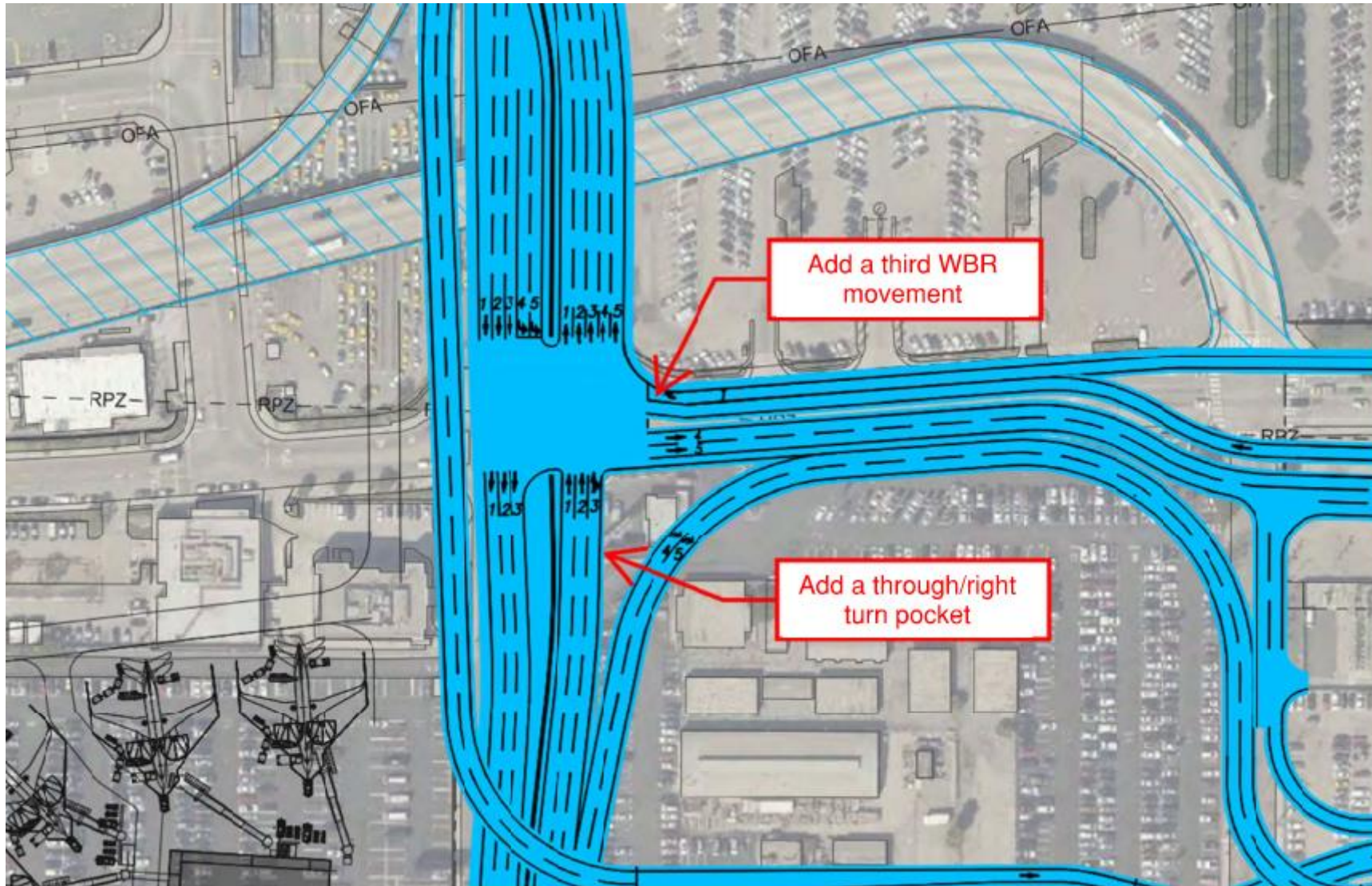
- Resolve queueing deficiency
- Improve AM/PM LOS from F/F to C/C

LAWA will work with LADOT to implement signal upgrades & improvements along Sepulveda (Manchester to Imperial). Estimated cost = \$3M

ADDITIONAL RECOMMENDATIONS:

- Expand on-demand micro transit program from 5- to 10-mile radius around LAX
- Enhance FlyAway service
- Explore subsidized transit passes to employees via the Transportation Management Organizations and work with stakeholders to promote transit options
- Target employees that live in zip codes within 5 miles of airport to look at alternate commute modes like biking





- Signal system upgrades at the following intersections along Sepulveda between Manchester Avenue and Imperial Highway:
 - Sepulveda/Manchester
 - Sepulveda/La Tijera
 - Sepulveda/Westchester Parkway
 - Sepulveda/Lincoln
 - Sepulveda/96th St.
 - Sepulveda/Century Blvd.
 - Sepulveda/I-105 Westbound Off-ramps
 - Sepulveda/Imperial Highway
- Upgrades at these intersections will enhance DOT's ability to remotely monitor traffic conditions and adjust signal timing
- Upgrades will be made upon consultation with DOT and will include the following enhancements:
CCTV cameras, back-up batteries, signal interconnect, advanced signal system loops, 100 MPH wind load traffic signal poles, accessible pedestrian signals, ADA-compliant curb ramps, high-visibility crosswalk striping
- Improvements will help facilitate traffic flow along Sepulveda
- Estimated Cost of Improvements is \$3 million

RECOMMENDATIONS

Continue efforts to reduce vehicle miles traveled through TMO, FlyAway and strategies in Mobility Strategic Plan

Consider expanding geographic reach of FlyAway; explore incentives to increase ridership; look at curbside management strategies; and expand TMO reach and other enhancements

Engage staff in pre-design process to ensure pedestrian access and other movements at Sepulveda/96th Street

To achieve objectives of Mobility Plan 2035 and Green New Deal, LAWA should develop clear set of connectivity goals before commencing design

Look at pedestrian access early in design process on west side of Sepulveda between CTA/Lincoln, northbound slip lane on Sepulveda to eastbound 96th Street and Lincoln/Sepulveda

During peak airline travel days, LAWA should develop a traffic management plan that includes measures to address gridlock around LAX including deployment of LADOT traffic officers

During construction, LAWA should develop worksite traffic management plans and look at deploying traffic officers during closures

LADOT...

Concurs with LAWA's recommendations/corrective measures

Agrees with TSM actions & menu of signal upgrades along Sepulveda.

Thank You

