



# **Taxiway A Rehabilitation & Taxiway B3 Construction CMAR Outreach**

**July 24, 2024**

[www.sloairport.com](http://www.sloairport.com)

# Agenda

- Introductions
- Proposed Projects
- Existing Conditions
- Project Scope
- Construction Manager at Risk (CMAR)
- Schedule
- Questions/Closing



# Existing Conditions

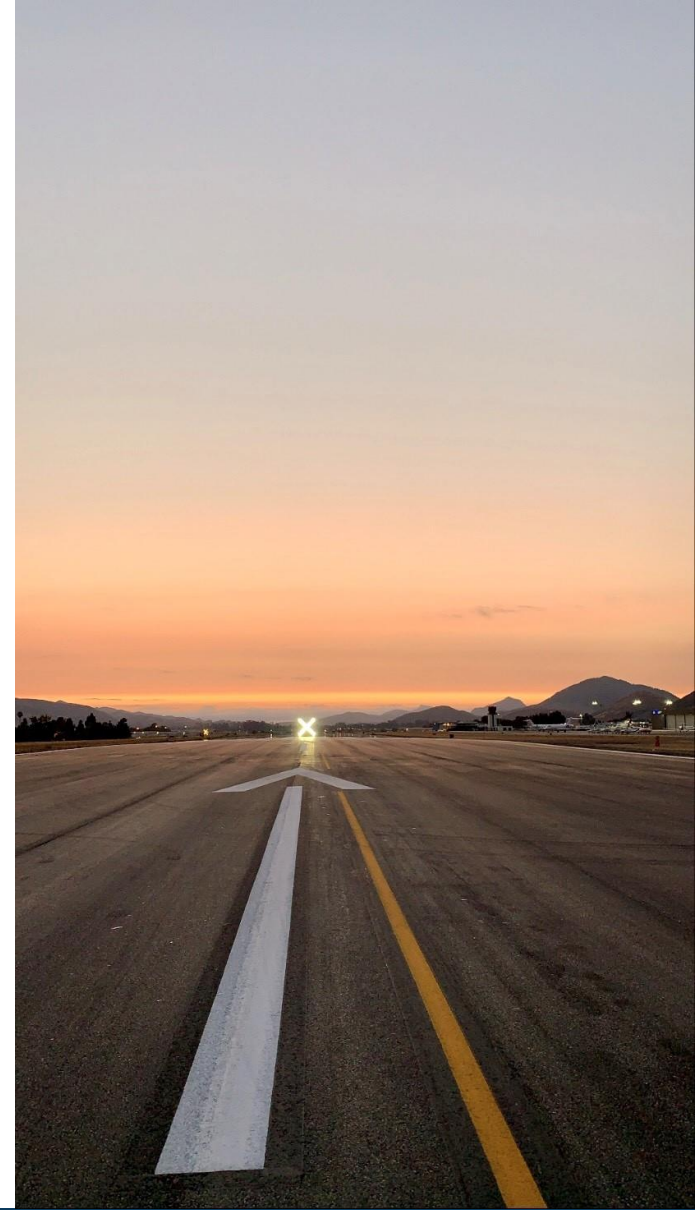
- Commercial Operations (Arrivals and Departures)

Airline	Connecting City	QTY (daily)
American Airlines	Phoenix (PHX)	6
	Dallas-Forth Worth (DFW)	4
United Airlines	Los Angeles (LAX)	4
	San Francisco (SFO)	4
	Denver (DEN)	4
Alaska Airlines	Portland (PDX)	2
	Seattle (SEA)	4
	San Diego (SAN)	4
	Las Vegas (LAS)	2 (Seasonal)

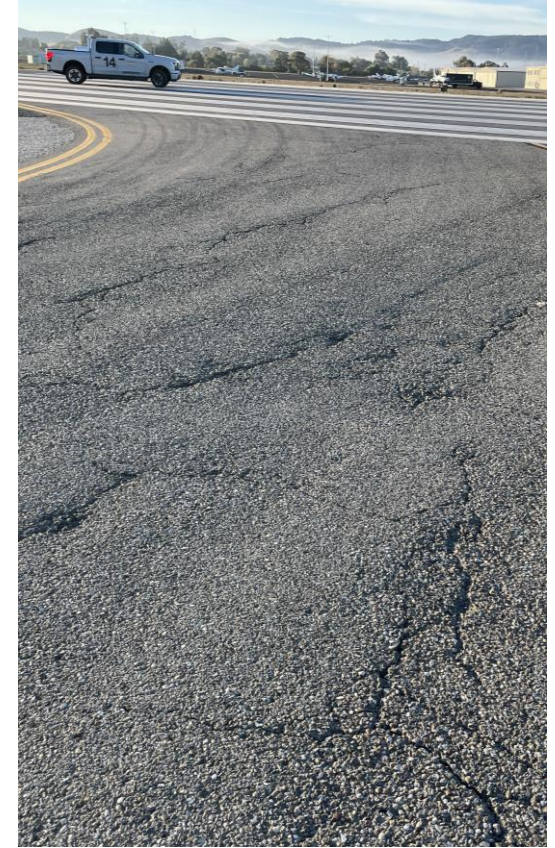
\*Commercial flight schedule subject to change.

# Proposed Projects

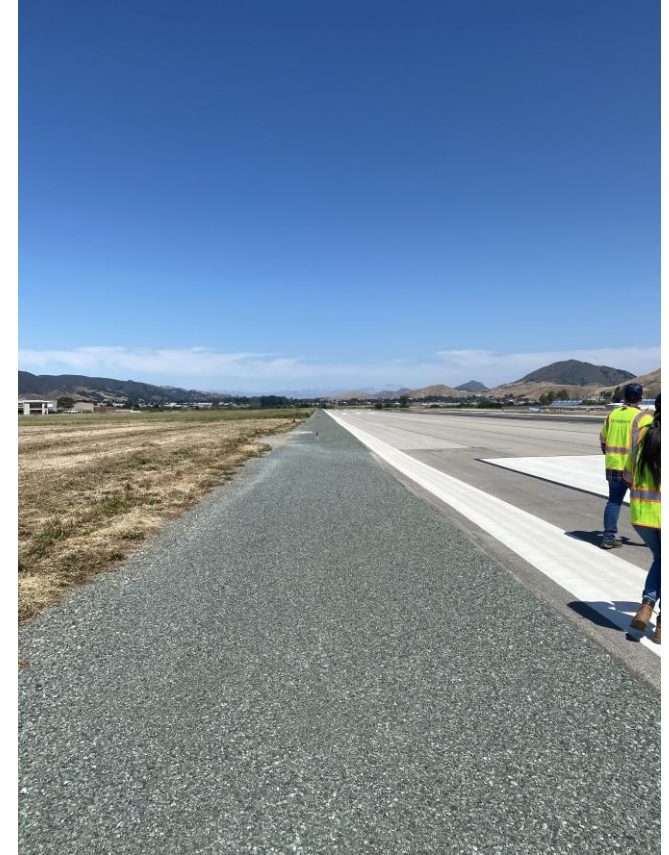
- Project 1 – Taxiway A Rehabilitation
- Project 2 – Taxiway B3 Construction
- Project 3 – Taxiway Redesignation



# Existing Conditions – Project 1



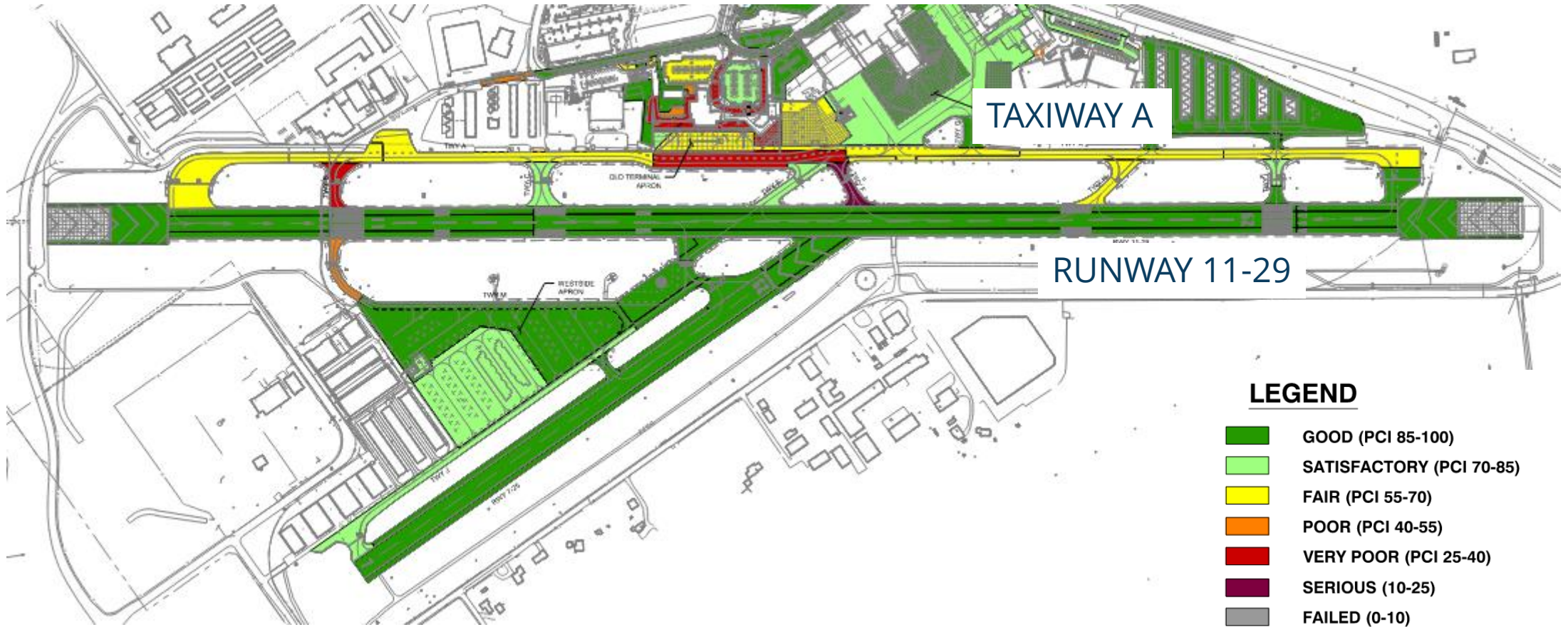
# Existing Conditions – Project 2



# Existing Conditions – Project 3



# Existing Conditions



- Pavement Deficiencies per 2024 APMS Report



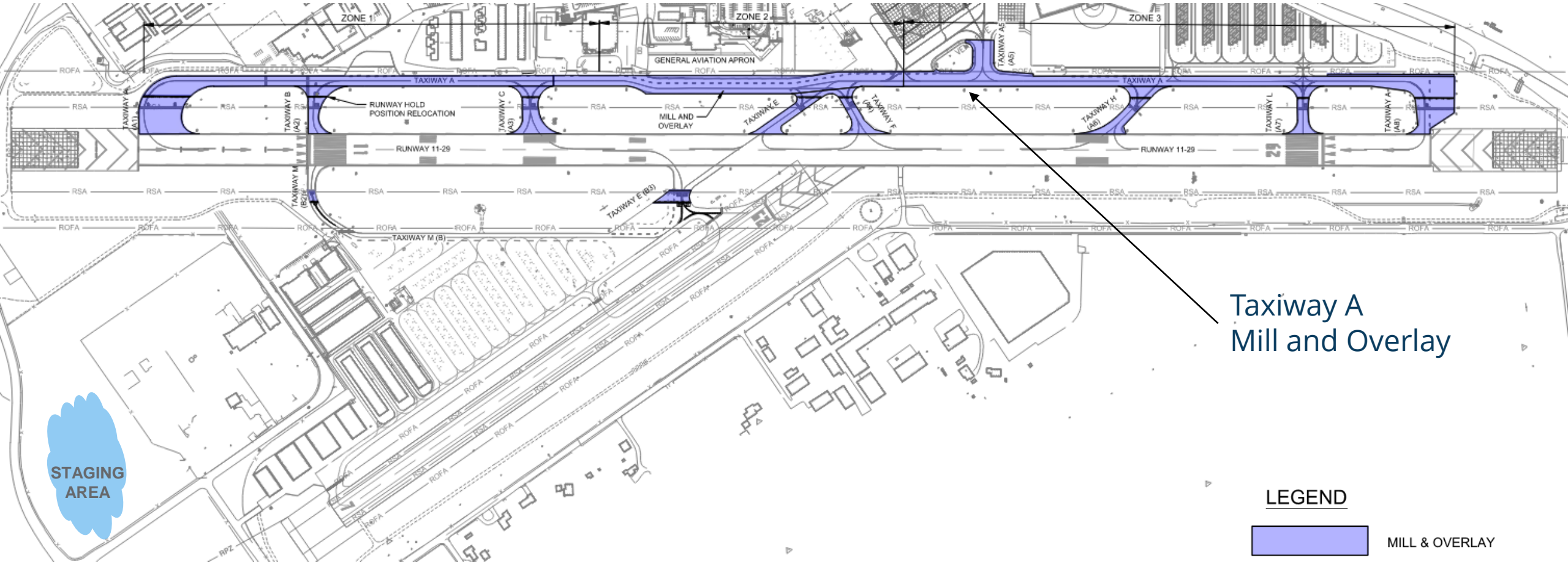
# Project Scope – Pavement Rehab./Const.

Project 1	Project 2	Project 3
<ul style="list-style-type: none"><li>• 4" Mill and Overlay</li><li>• Variable depth Mill and Overlay determined by NDT results</li><li>• Isolated Full-depth Repair</li><li>• Crack Repair</li><li>• Pavement Markings</li></ul>	<ul style="list-style-type: none"><li>• Excavation, Embankment, and New Pavement Construction</li><li>• 3" Mill and Overlay</li><li>• Storm Drain Installation</li><li>• Pavement Markings</li></ul>	<ul style="list-style-type: none"><li>• No Pavement Rehabilitation or Construction will be required for Project 3</li></ul>

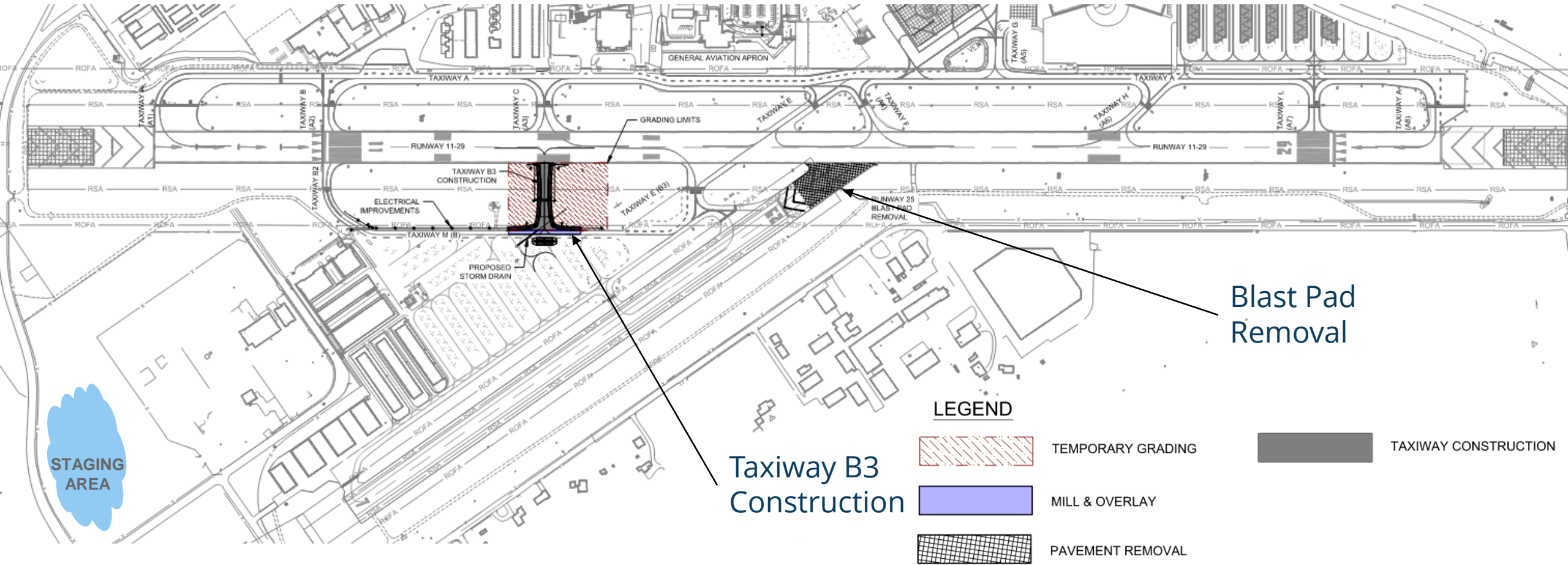
# Project Scope – Lighting and Signage

Project 1	Project 2	Project 3
<ul style="list-style-type: none"><li>No Lighting and Signage will be required for Project 1</li></ul>	<ul style="list-style-type: none"><li>Remove Existing Conductor, Conduit, Lights, and Base Cans</li><li>New LED Taxiway and Runway Lights</li><li>New LED Taxiway and Runway Signs</li><li>New Conductor in New Conduit and Base Cans</li></ul>	<ul style="list-style-type: none"><li>Remove Existing Conductor, Conduit, Signs, Foundations, and Base Cans</li><li>New Conductor in New Conduit and New Foundations</li><li>New Sign Panels</li><li>Relocate Existing Signs</li></ul>

# Project Scope - Project 1 Graphic



# Project Scope - Project 2 Graphic



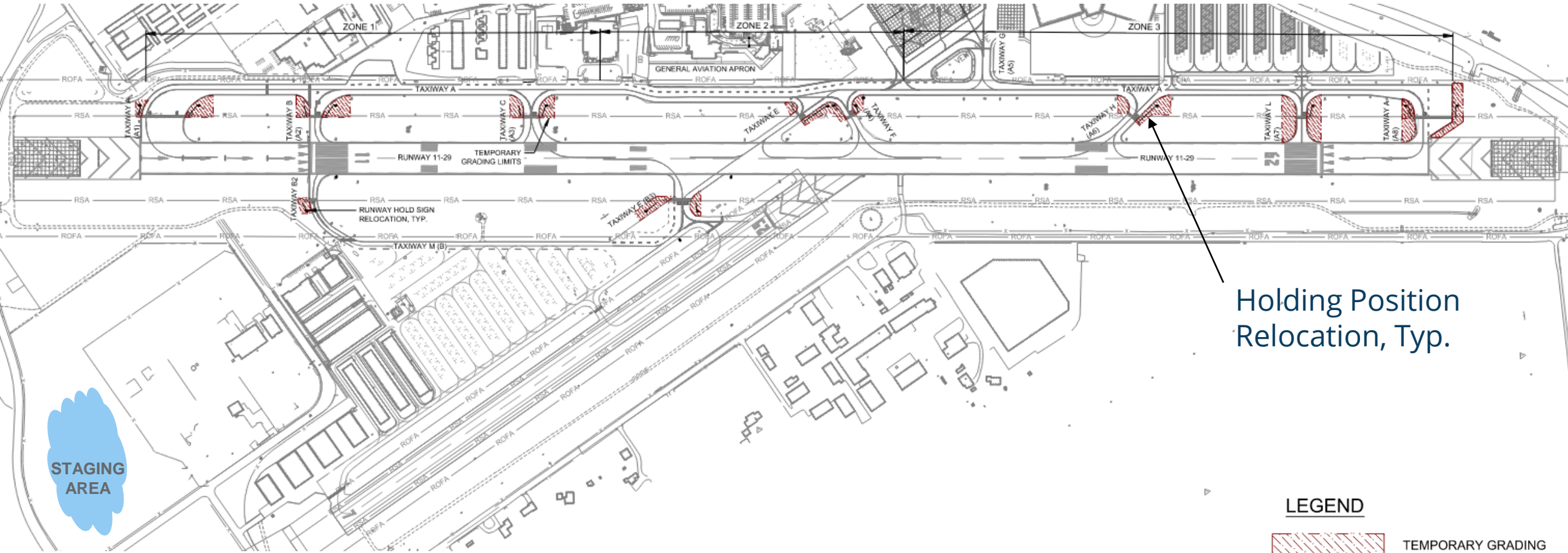
Blast Pad Removal

Taxiway B3 Construction

STAGING AREA



# Project Scope - Project 3 Graphic



# Project Scope – Preliminary Quantities

Project 1	Project 2	Project 3
<ul style="list-style-type: none"> <li>Asphalt Milling – 64,000 SY</li> <li>HMA Paving – 15,200 Tons</li> <li>Marking – 75,000 SF</li> </ul>	<ul style="list-style-type: none"> <li>Asphalt Milling – 5,900 SY</li> <li>Excavation – 1,320 CY</li> <li>LED Guidance Sign – 9 Ea.</li> <li>LED Twy Lights – 34 Ea.</li> <li>Conductor – 5,300 LF</li> <li>Lime Treated Subgrade – 3,300 SY</li> <li>Aggregate Base – 860 CY</li> <li>HMA Paving – 600 Tons</li> <li>Marking – 20,500 SF</li> </ul>	<ul style="list-style-type: none"> <li>Remove Sign and Foundation – 13 Ea.</li> <li>Relocate Sign on New Foundation – 13 Ea.</li> <li>Sign Panel Replacement – 30 Ea.</li> <li>Conductor – 1,700 LF</li> </ul>

- Construction Budget – \$13-15 Million



# Construction Manager At Risk (CMAR)

## Key Objective

- Minimize disruption to airline operations and prioritize operational safety
- CMAR gives opportunity for valuable input throughout the design process
  - Phasing, logistics, quality management
- Qualifications-based selection of contractor
  - Schedule reliability, operational safety, material availability, labor commitment
- Lump Sum Price for pre-construction phase
- Guaranteed Maximum Price for construction phase

# Construction Manager At Risk (CMAR)

## Process

- RSOQ Advertisement
- Best Qualified CMAR Selected
- FAA Review and County Award
- Pre-Construction Phase work (concurrent with Design)
- Guaranteed Maximum Price Agreement
- FAA Review and County Award
- Construction Phase Work



# Construction Manager At Risk (CMAR)

## Construction Phasing

- CMAR to assist phasing efforts during Pre-Construction Phase
- Key Considerations
  - Traveler/Aircraft Safety
  - Operational Efficiency
  - Quality (asphalt supply, skilled team, experience, etc.)

# Schedule

- RSOQ Advertisement – 8/8/2024
- SOQ's Due – 9/13/2024
- Pre-Construction NTP – 10/23/2024
- Design Process – Aug 24 thru Jan 2025
- GMP Due – Feb 2025
- Construction – Jun 2025 thru Sep 2025

\*Dates given are indicative

# Thank You!

- RSOQ Available August 8, 2024
- Questions Must be via Public Purchase
- [www.PublicPurchase.com](http://www.PublicPurchase.com)
- List of today's attendees will be posted with the RSOQ

## Questions