Meeting Objectives

• To Review, Clarify, and Add to Construction Stakeholder Input Received To Date

• Existing Air Service (OEI) Protection with FAA Modifications Map

• Timeline
Types of cranes used for City projects?
Determination on what type of crane to use?

• cost • schedule • height of structure • maximum weight to be lifted
• availability • multiple crane requirement • space around site • reach

• Have hammerhead & luffing cranes been considered for your project? Why/why not?
• Can you use a mobile crane in your project at the beginning or at the end stages of construction?
• How much height is required above the top of building?
• What is the typical duration of use for a mobile crane?
• What is the time required to raise/lower?
• Raised/lowered in 19-20’ sections
• 1 day to raise/lower a section
• Completed on weekends
• Increased cost/schedule
• Structural tie-ins

• Would you incorporate multiple jumps into your project to minimize the duration your crane is at its maximum height?
Typical vertical clearance required between crane and top of building height? Variables?

- Clearance 30-50’ (Depends on type of crane used)
- Largest material to be lifted
- Crane load capacity
- Multiple cranes

*For your specific project, what is the absolute minimum vertical clearance between the top of building height and lowest point on crane? Explain why?*

*Can you reduce vertical clearance by using a different type of crane pictured above?*
Typical vertical/horizontal separation required between Multiple cranes/jibs?

- Cal-OSHA 10-15’ minimum
- Ideally 15-30’ separation

- What is the absolute minimum vertical separation that would allow you to build your project? Explain why?
- Is there a point in your project at which you can remove one crane and lower the second crane?
Air Service (OEI) Protection with FAA Modifications

- Heights above and represent additional height above existing Downtown Building Height Limits
Crane Policy Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Details</th>
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<tbody>
<tr>
<td>October 16th 2020</td>
<td>PBCE Developers Roundtable</td>
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<tr>
<td>8:00 – 9:00 a.m.</td>
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<tr>
<td>October 2020</td>
<td>Special Airport Developers Roundtable</td>
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<td></td>
<td>Preliminary Staff Recommendations</td>
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<tr>
<td>November 2020</td>
<td>Special Airport Developers Roundtable</td>
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<td></td>
<td>Refined/Completed Draft Staff Recommendations</td>
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<tr>
<td>December 2020</td>
<td>Council Action</td>
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- Presentation & Zoom Recording to be posted at [www.flysjc.com/downtownheightlimits on 9/14](http://www.flysjc.com/downtownheightlimits on 9/14).

Airport Planning & Development

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