



Crystal Airport Joint Airport Zoning Board

December 14th, 2022 – Meeting #6

Agenda

- **Chair Opening Remarks**
- Approval of Minutes from October 12th Meeting
- Approval of Minutes from November 16th Meeting
- FAA 7460-1 Review Process
- **Airport Zoning Ordinance Development Review Guideline**
- Board Discussion of Draft Airport Zoning Ordinance Materials
- Public Comments
- Board Discussion of Advancing to Public Hearing
- Adjourn



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FAA 7460-1 Review Process

- When to File a 7460-1

1. **Code of Federal Regulations (CFR) Part 77 Criteria (Section 77.9):**

- Construction or alteration greater than 200 feet (Above-ground)
- Construction or alteration that penetrates:

- 100:1 slope for a horizontal distance of 20,000' from nearest point of the runway when the airport's longest runway exceeds 3,200' (Runway 14-32 at MIC is 3,751')
- 50:1 slope for a horizontal distance of 10,000' from nearest point of the runway when the airport's longest runway is no more than 3,200' (Does not apply to MIC)
- 25:1 slope for 5,000' for heliports (Does not apply to MIC)



FAA 7460-1 Review Process

- When Filing a 7460-1 is not required

1. **Code of Federal Regulations (CFR) Part 77 Criteria (Section 77.9):**

- Objects shielded by existing structures of permanent and substantial nature of equal or greater height, and located in the congested area of a city where shielded structures will not adversely affect safety
- Air navigation facilities meeting FAA-approved siting criteria when fixed-by-function
- Any antenna structure of 20 feet or less in height, except one that would increase the height of another antenna structure



FAA 7460-1 Review Process

- When Filing a 7460-2 (supplemental notice) is required
 1. **Code of Federal Regulations (CFR) Part 77 Criteria (Section 77.11):**
 - Construction or alteration is more than 200 feet in height above-ground
 - If requested by FAA (in 7460-1 determination letter)
 - Form 7460-2 is required within 5 days of:
 - The project reaching its greatest height (if no time limit was specified in 7460-1)
 - The project being abandoned or destroyed



FAA 7460-1 Review Process

- FAA Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) Information

1. **FAA OE/AAA Website:**

<https://oeaaa.faa.gov/oeaaa/external/portal.jsp>

2. **Notice Criteria Tool:**

<https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>

3. **14 CFR Part 77 Regulation Guidance:**

<https://www.ecfr.gov/current/title-14/chapter-I/subchapter-E/part-77>



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Board Discussion of Draft Airport Zoning Ordinance Materials

- November 17th, 2022 – Email conversation with Dan Olson (City of Crystal) to discuss one (1) primary comment:
 1. **“Historical” Structures** – “Within lines 311-315, could we add as a permitted use = ‘...historic parks uses (such as picnic shelters, warming houses, etc.)...’ ”

Response: If a structure does not exist on the effective date, it is generally considered a nonconforming structure (III.A.15). However, VII allows a structure to be nonconforming if the “construction or alteration of the structure was begun prior to the effective date, and was diligently prosecuted and completed within 2 years of the effective date”.

In other cases (if structure did not exist or was not under construction at effective date) a variance is required.



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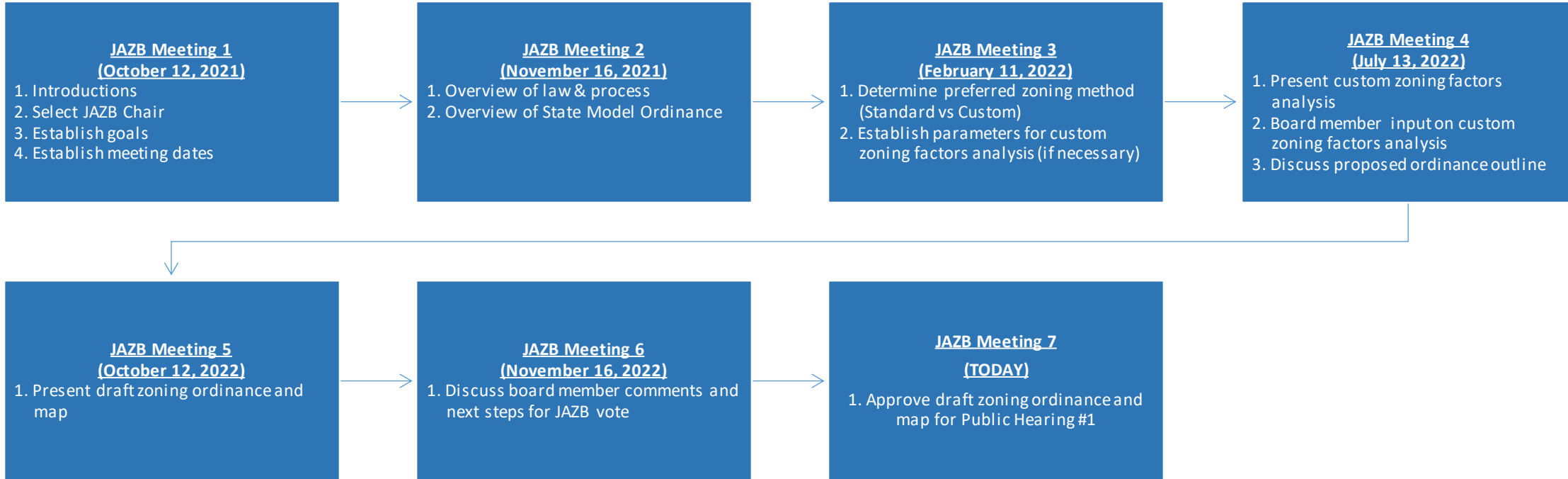


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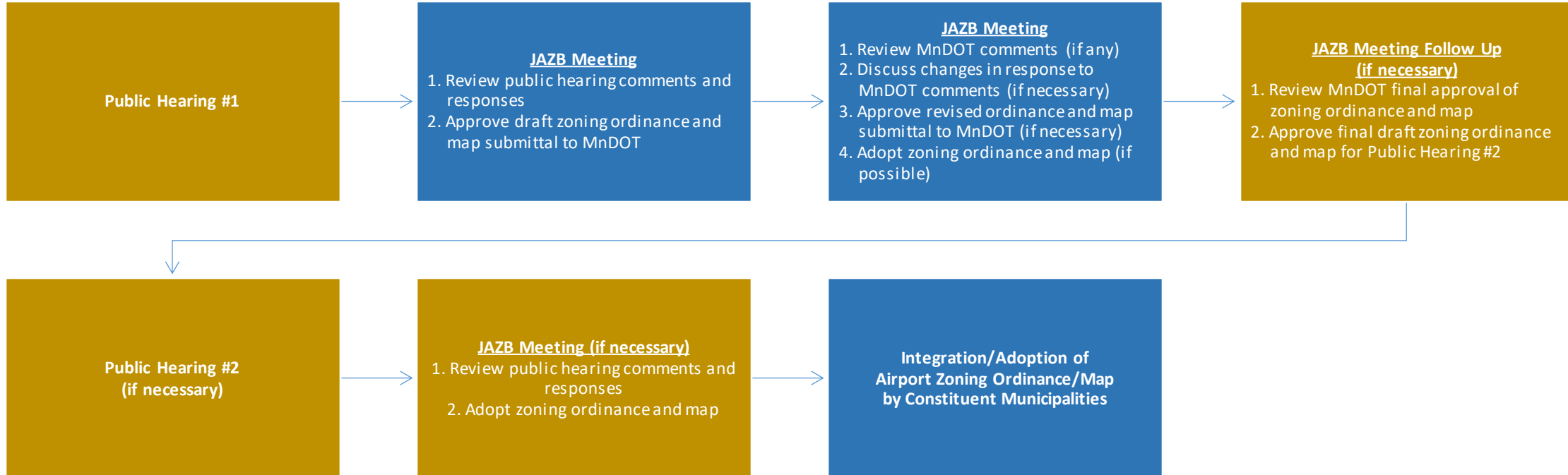
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Airport Zoning Procedural Steps



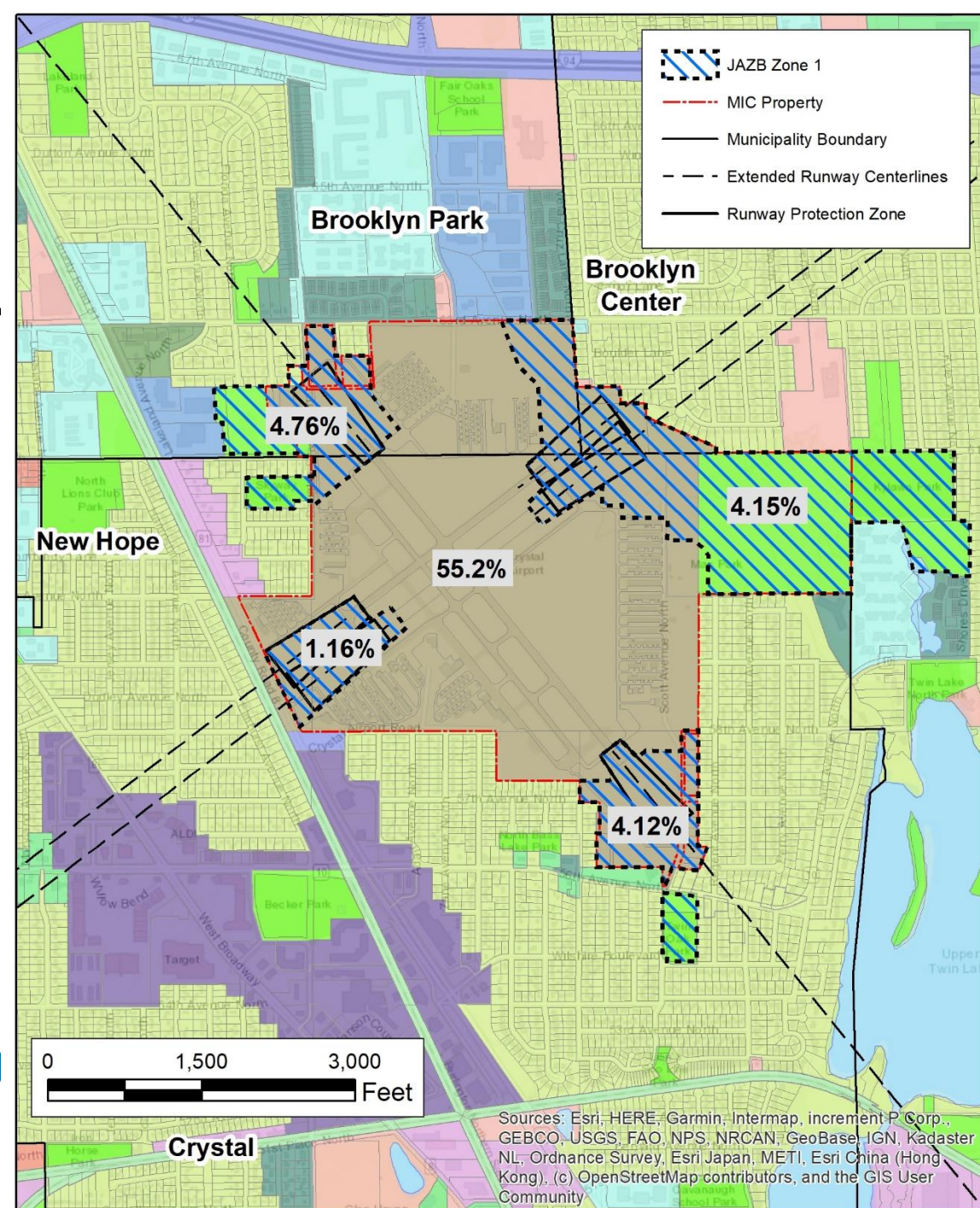
Airport Zoning Procedural Steps (continued)



JAZB Zone 1

Accident Probability Inside Zone 1

Runway	JAZB #5 Zone 1
14	4.76%
32	4.12%
6L/6R	1.16%
24L/24R	4.15%
Total	14.19%



JAZB Zone 1

Accident Probability Inside Zone 1

Runway	JAZB #5 Zone 1	Alternate Zone 1	Net Change
14	4.76%	3.64%	-1.12%
32	4.12%	3.99%	-0.13%
6L/6R	1.16%	1.16%	-0.00%
24L/24R	4.15%	4.07%	-0.08%
Total	14.19%	12.86%	-1.33%

