

Technical Advisory Committee Meeting #3

NIRGEN

Aviation Planning Group

December 16, 2021



Introductions

Leah Whitfield Project Manager

Darren Murata, P.E. Lead Engineer

Renee Dowlin Environmental Planner

AIRPORT Airport Master Plan Update

Participation

We will mute all participants during the presentation.

If you have a comment or question you can:

- Use the "Raise Hand" button under "Participants"
- Or under "Reactions"
- Type a comment in the chat box

~		Participants (3)	
JH	Justin H	Ŷ	1	
	Leah W	hitfield (Host)	Ŷ	□1
H	Haseeb	Mirza	÷	1
Ir	nvite	Mute Me	Raise Hand	
~		Chat		





- **1.** Master Plan Focus Area & Goals
- **2.** Master Plan Schedule
- **3. Project Progress**
- **4.** Facility Requirements
- **5.** Alternatives Review & Discussion
- 5. Next Steps

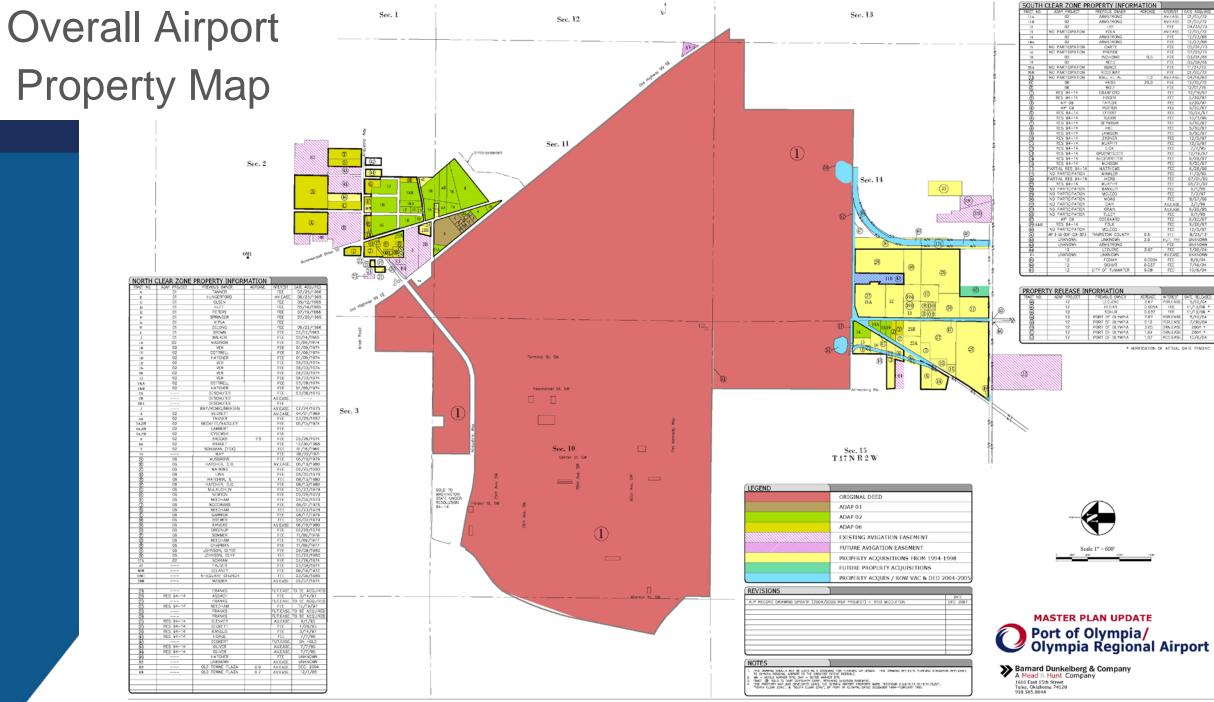
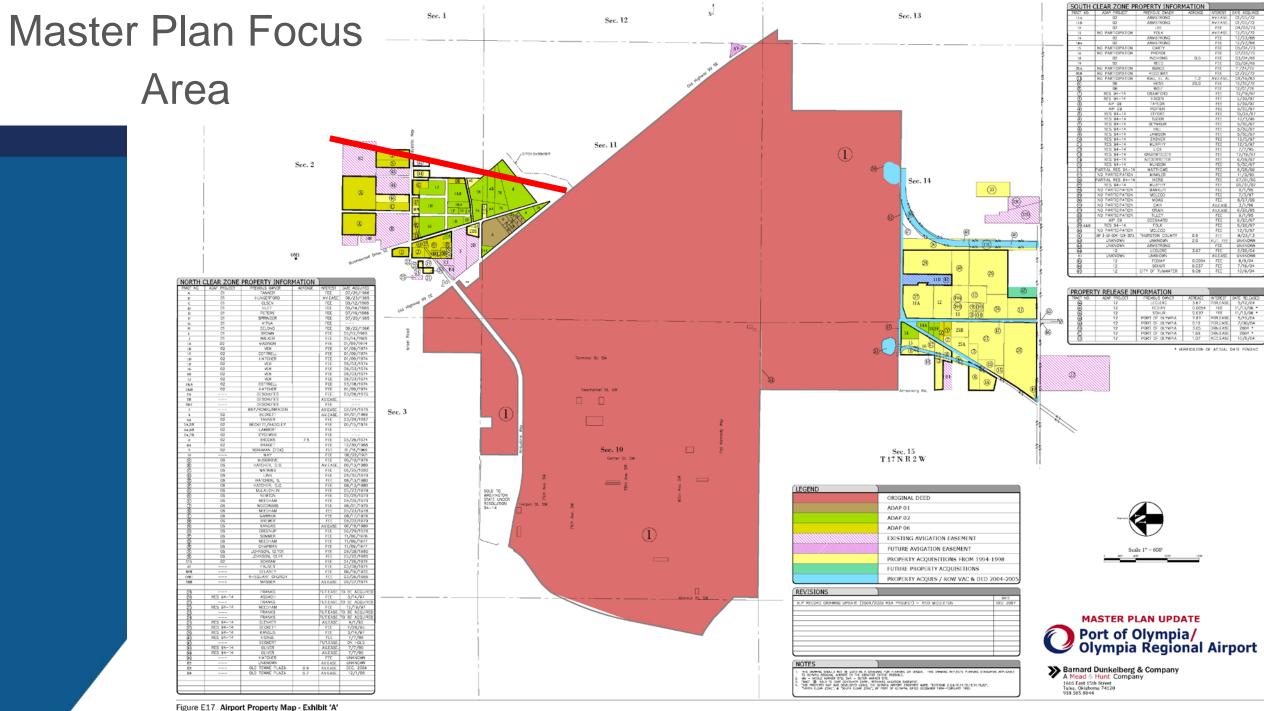
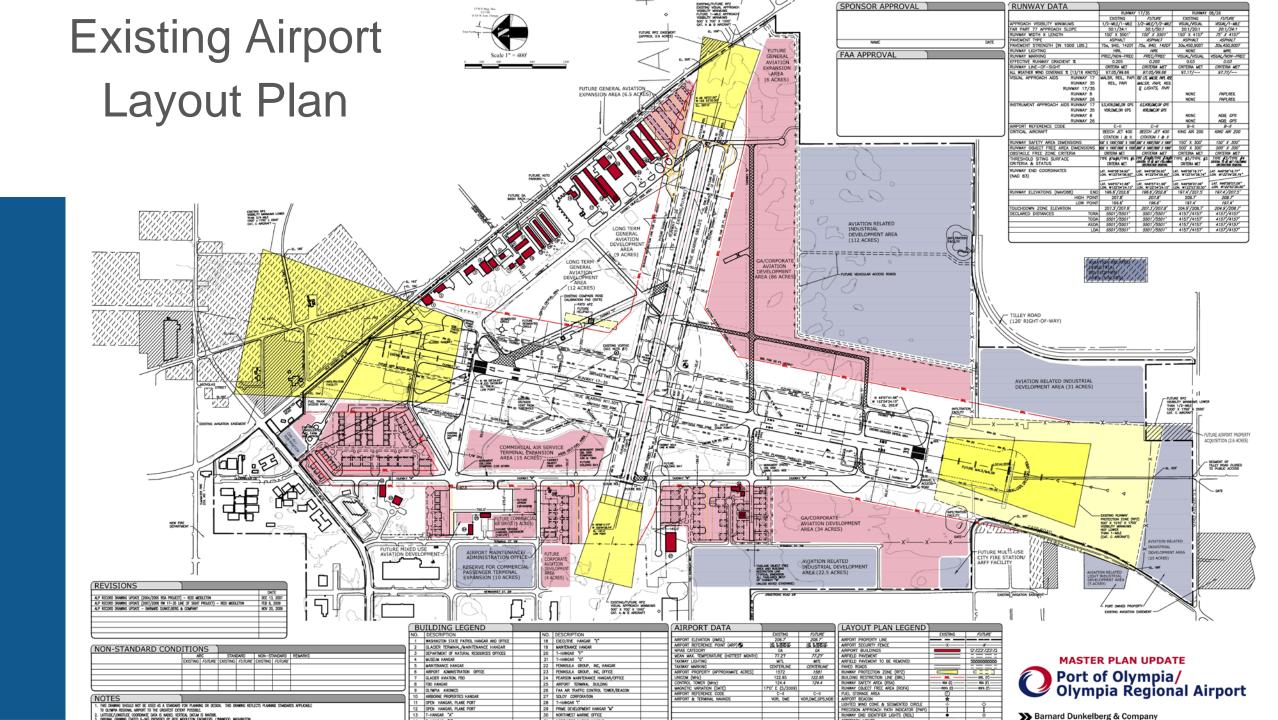


Figure E17 Airport Property Map - Exhibit 'A'





AIRPORT Airport Master Plan Update



- Meet Aviation Demand
- Meet FAA design standards
- Prepare OLM for future development
- Prepare OLM for emerging aviation technologies
- Continued Airport self-sufficiency



Airport Master Plan Update SCHEDULE (Draft)



Public Open House

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Project Update

- Completed
 - Inventory
 - Forecast Approved by FAA
 - Facility Requirements
- Current focus areas
 - Coordination with the HCP Team
 - Alternatives
 - Airport Layout Plan
- Future Focus Areas
 - Implementation
 - Part 139 Commercial Service Feasibility Study

Facility Requirements

- Meet based and transient aircraft demand
- Correct taxiway design to meet standards
- Maintain crosswind runway for smaller
 aircraft
- Terminal building
- Airport maintenance building
- Fuel storage expansion
- Integration of emerging trends

Alternatives







- Runways
- Taxiways
- Development Areas
- Bio Fuels
- Electric Aviation

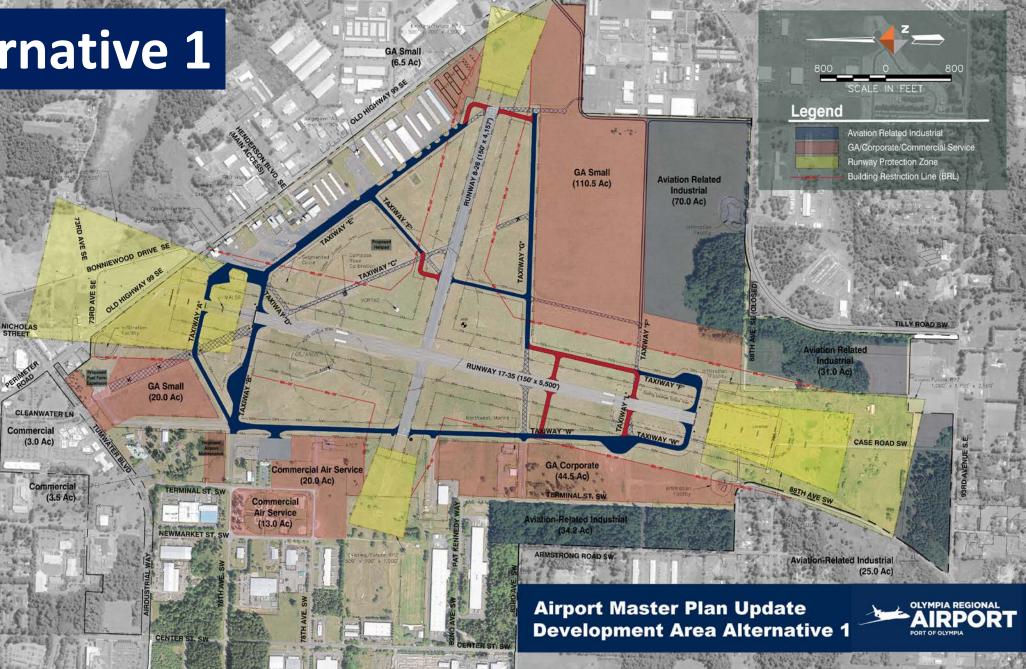


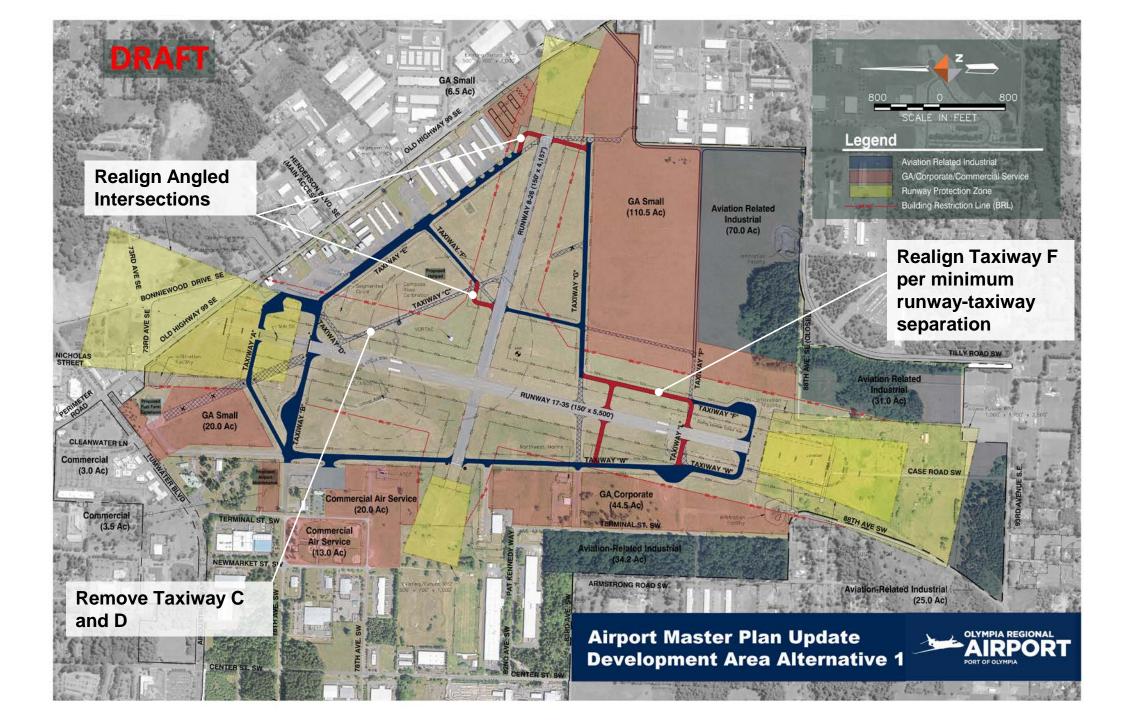
High Level Discussion Evaluation Criteria

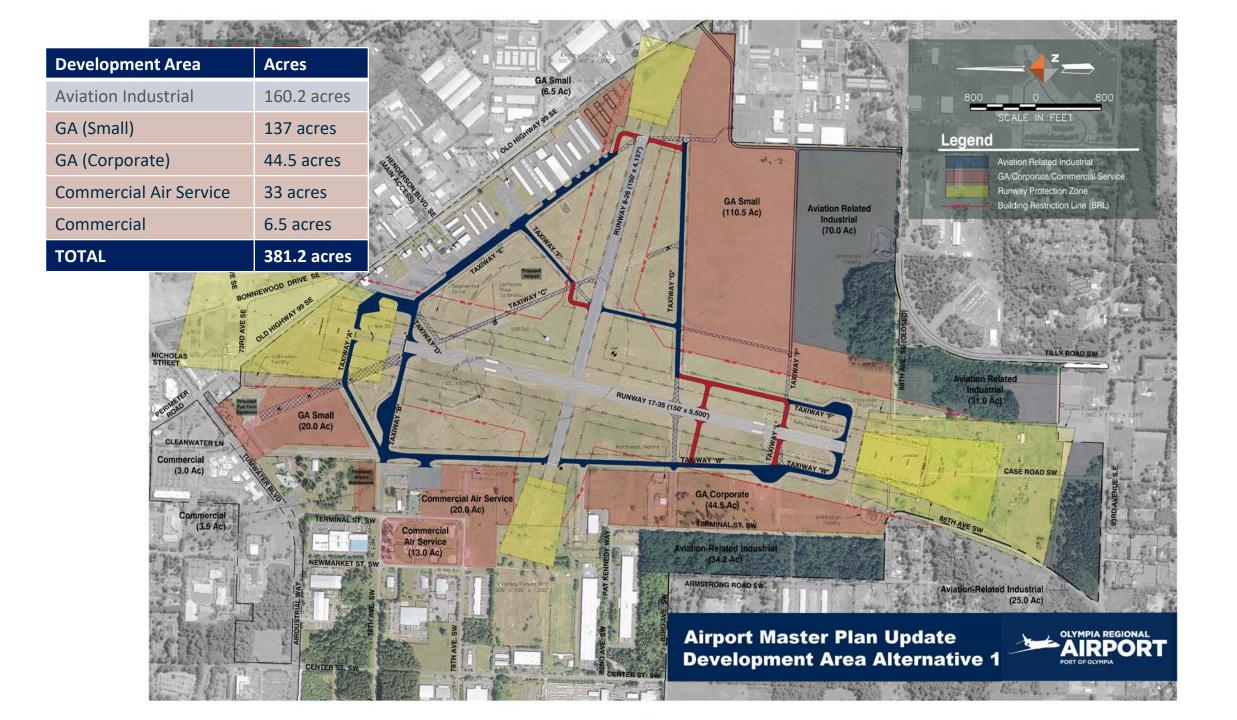
	Rating
Strongly Meets/Less Impacts	+++
Mostly Meets/More Impacts	++
Greater Impacts	+

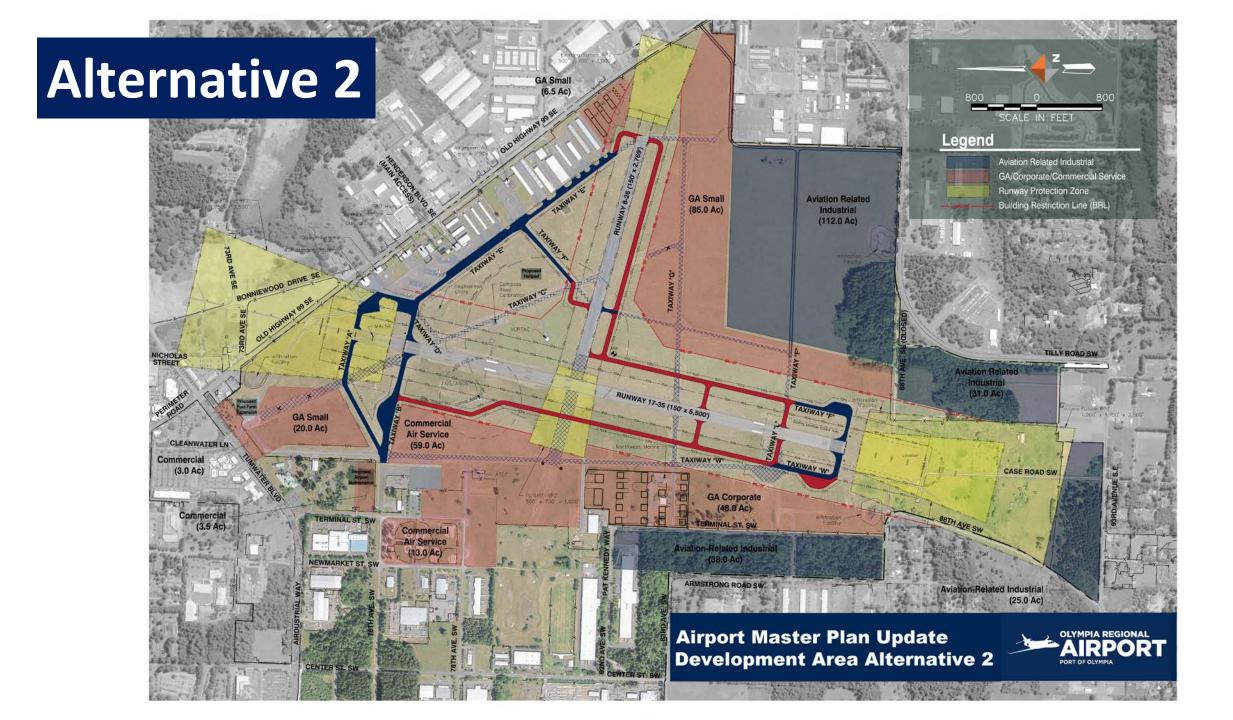
	Satisfies Facility Requirements	Available Developable Land	Operational and Airspace	Environmental	Roadways
Alternative 1					
Alternative 2					
Alternative 3					

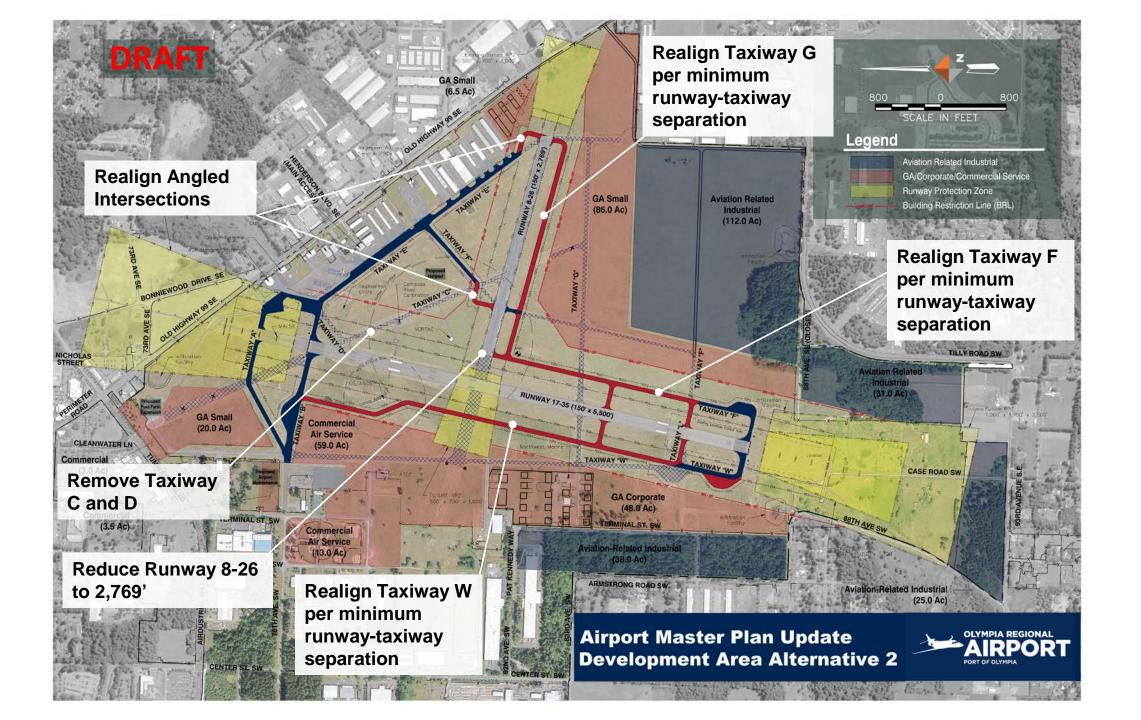


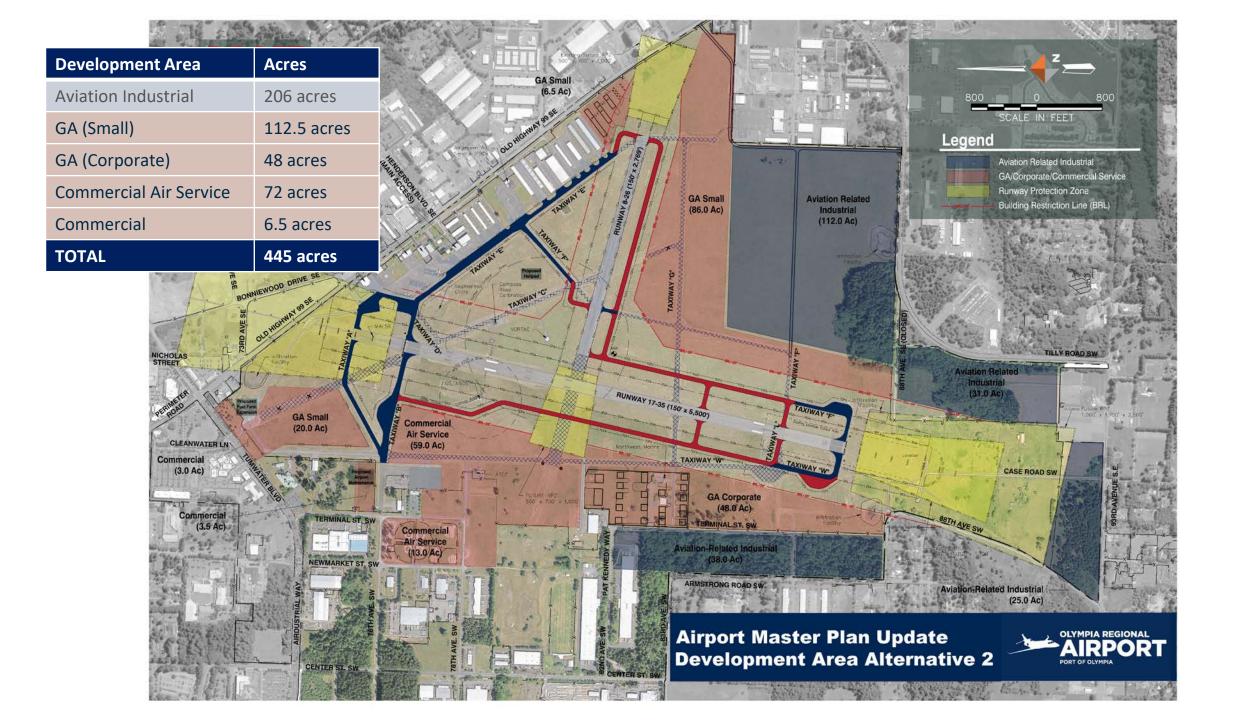






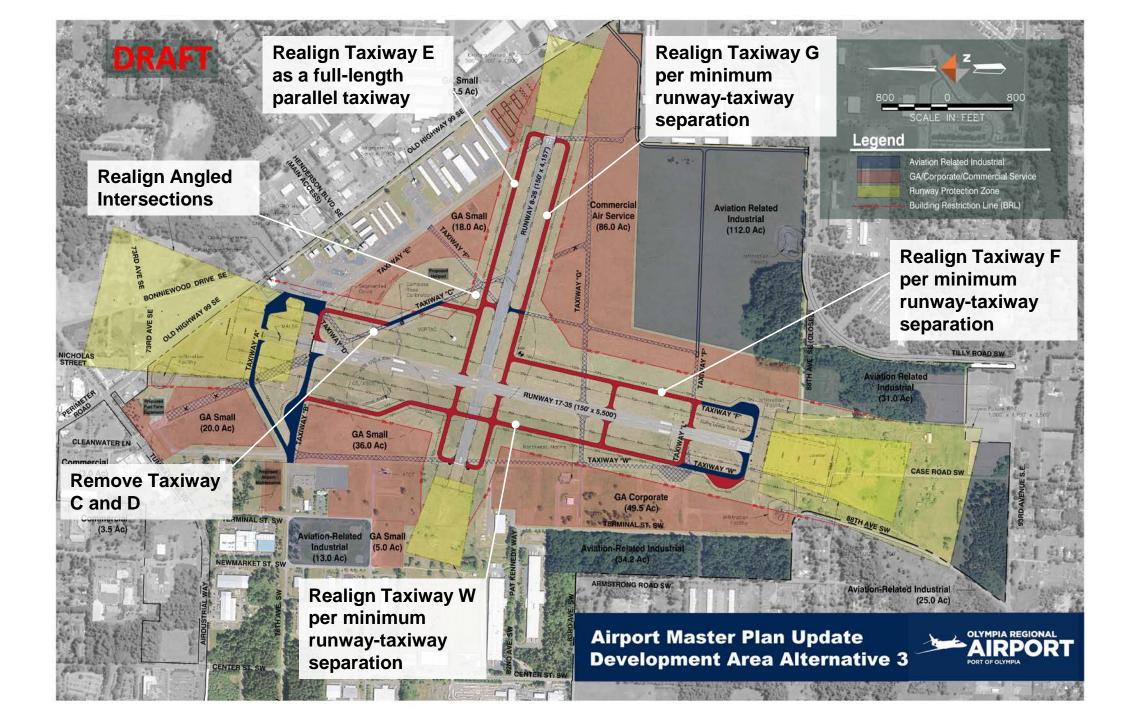


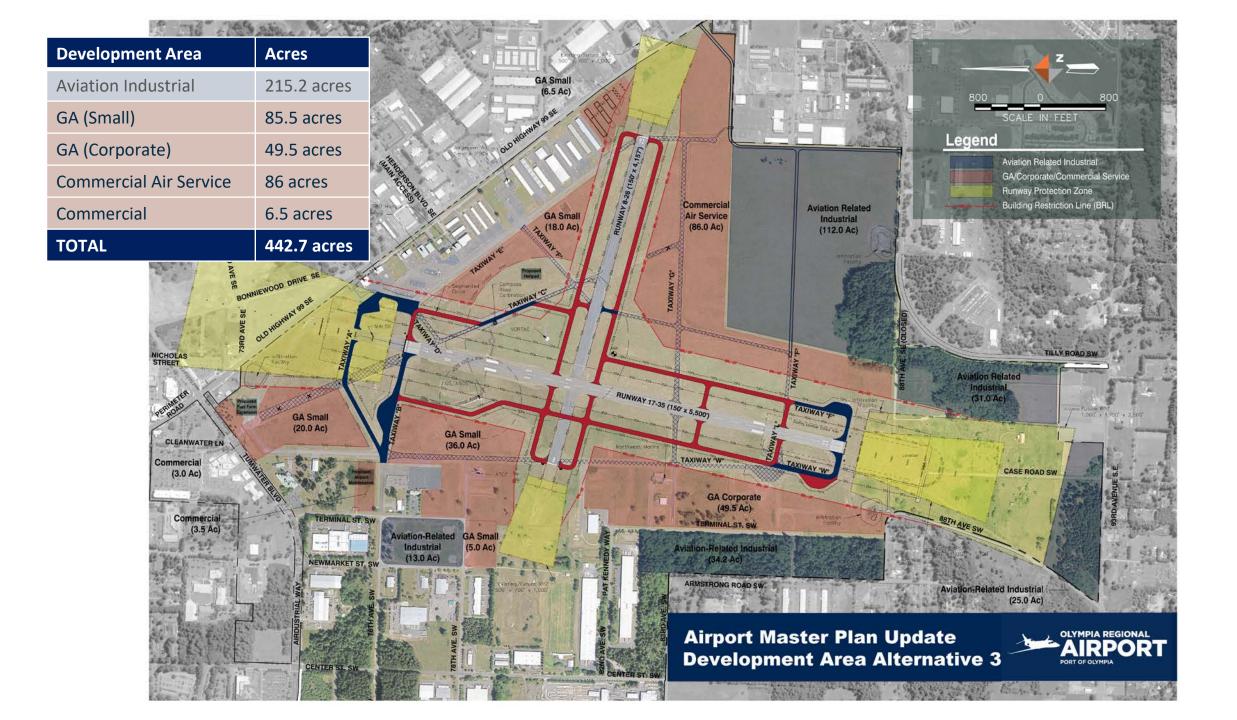




Alternative 3









Summary of Developable Land

Development Area	Alternative 1	Alternative 2	Alternative 3
Aviation Industrial	160.2 acres	206 acres	215.2 acres
GA (Small)	137 acres	112.5 acres	85.5 acres
GA (Corporate)	44.5 acres	48 acres	49.5 acres
Commercial Air Service	33 acres	72 acres	86 acres
Commercial	6.5 acres	6.5 acres	6.5 acres
TOTAL	381.2 acres	445 acres	442.7 acres



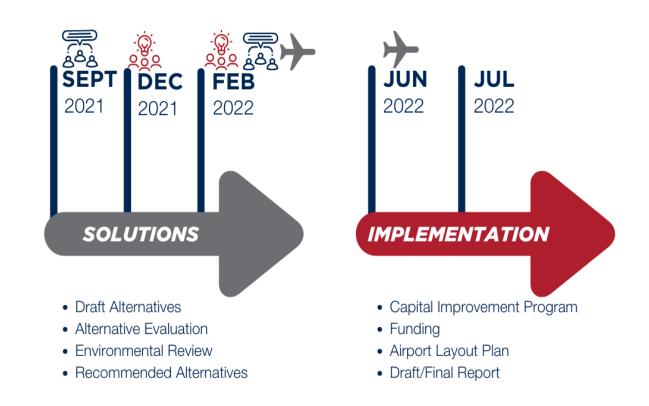
Group Discussion Evaluation

	Rating
Strongly Meets/Less Impacts	+++
Mostly Meets/More Impacts	++
Greater Impacts	+

	Satisfies Facility Requirements	Available Developable Land	Operational and Airspace	Environmental	Roadways
Alternative 1	++	++	++	++	+++
Alternative 2	+++	+++	+++	++	++
Alternative 3	+++	+++	+++	+	+



Next Steps





Thank you

Any Comments or Questions?

Contact:

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Aviation Forecast



• 15,000 additional operations per year