

WSCAA



HANGAR DEVELOPMENT SERIES

PLANNING, ENVIRONMENTAL, & FINANCE

David Miller, Lead Aviation Planner & Matt Rogers, VP and Planning Manager

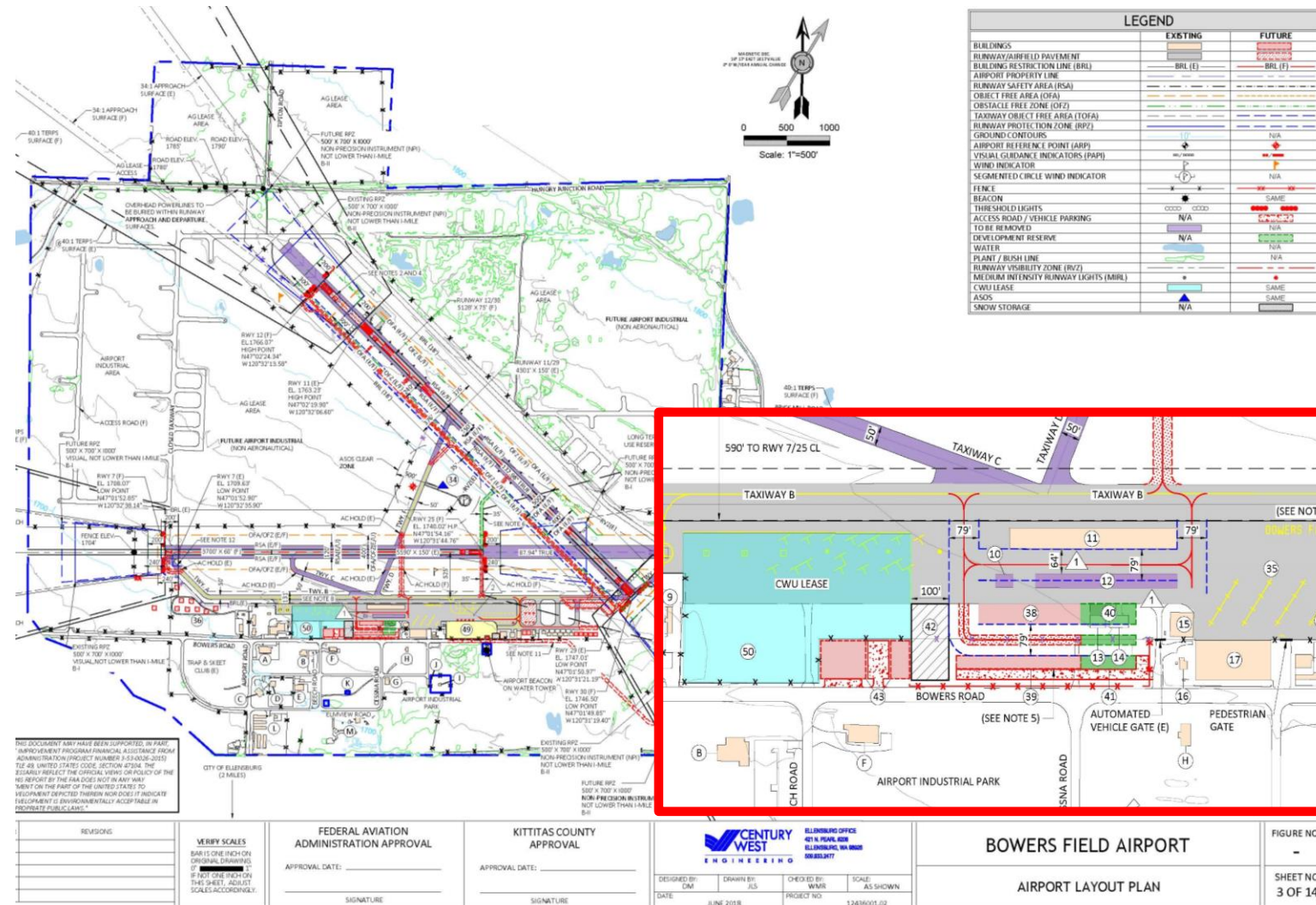


AGENDA

- Airport Layout Plan Siting & Compatibility
- Airport Design Standards
- Part 77 Surfaces & Obstruction Setbacks
- Environmental Considerations (NEPA/SEPA)
- Local Hangar/Building Requirements
- Funding Opportunities



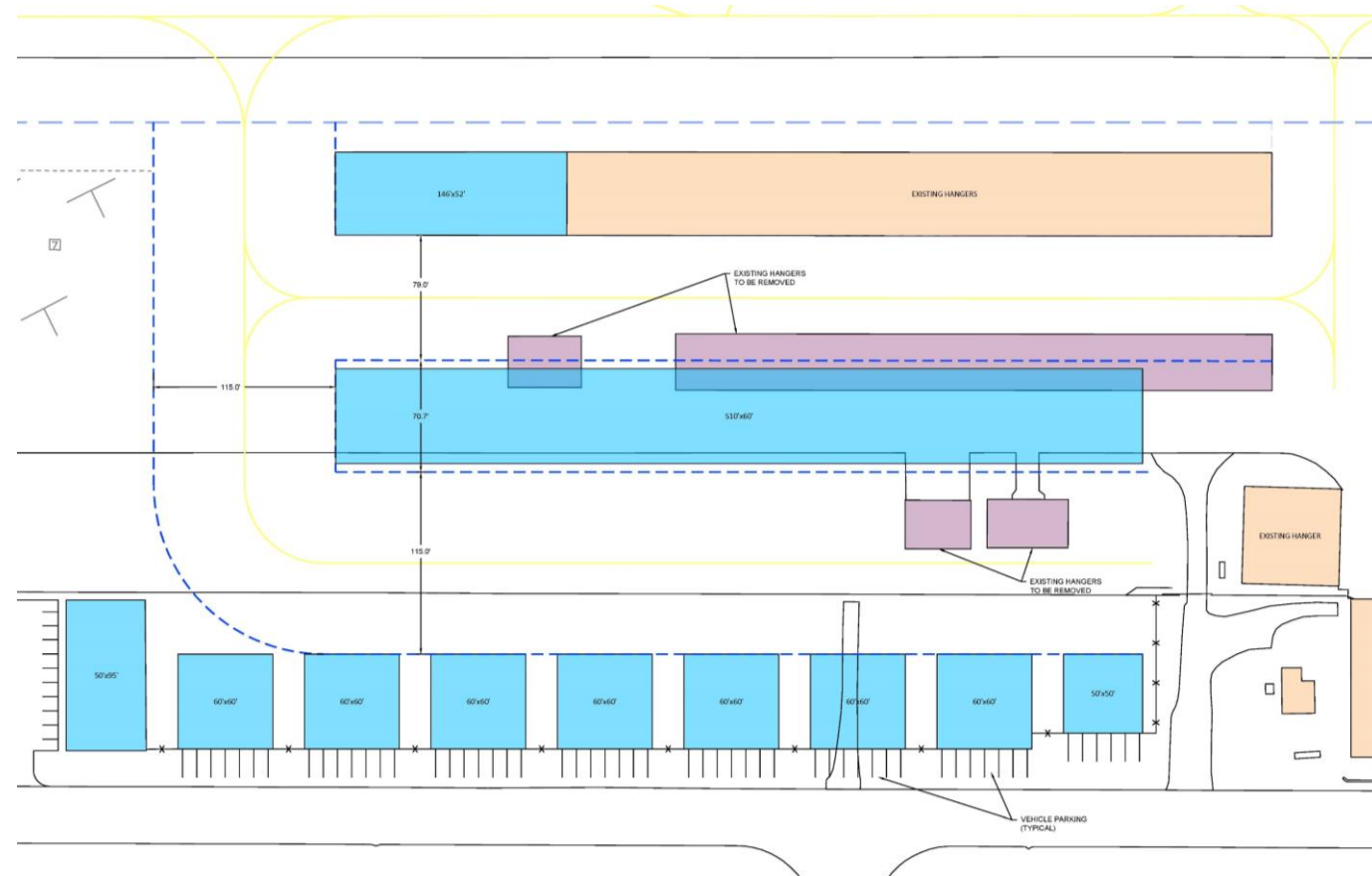
AIRPORT LAYOUT PLAN SITING & COMPATIBILITY



- Is the site identified for hangar development on the ALP?
- Does the site have existing aircraft access?
- Does the site have approved land use and zoning for hangars?
- Do you need apron area?
- Do you need public access or vehicle parking?
- Are utilities available?

AIRPORT DESIGN STANDARDS & PART 77 SURFACES

- Airport Design Standards
 - Taxiway/Taxilane Object Free Area (TOFA) Clearances
 - Determine aircraft design group (ADG) to determine required TOFA setback.
 - Runway Protection Zone (RPZ)
- Part 77 Surfaces & Obstruction Setbacks
 - Building Restriction Lines (Max Height)
 - Aircraft Parking Lines



LOCAL HANGAR & BUILDING REQUIREMENTS

- Building Separation Requirements
 - Check your local permitting & fire code requirements
- Local Permitting & Building Code Requirements
- Airport Minimum Standards & Development Standards Review
 - Airport specific architectural design standards & visual appearance
 - Site planning (utilities, parking, etc.)
 - Construction requirements
 - Landscape design
 - Hangar uses & square footage requirements
- FAA form 7460 submittal



ENVIRONMENTAL CONSIDERATIONS & FAA REVIEW

- National Environmental Policy Act (NEPA)
- State Environmental Policy Act (SEPA)
- Environmental Issues
 - Floodplains
 - Historical, Architectural, Archaeological, and Cultural Resources
 - Hazardous Materials and Cleanup Sites
 - Fish, Wildlife, and Plants (Threatened & Endangered Species)



FUNDING OPPORTUNITIES

- Privately Funded
- Private-Public Partnerships
- Public Funding
 - Bipartisan Infrastructure Law (BIL) Funding
 - CARB Loans
 - Airport Bonds

