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Friedman Memorial Airport Authority

Regular Board Meeting

September 8, 2015



1616 Airport Circle



Hailey, ID 83333

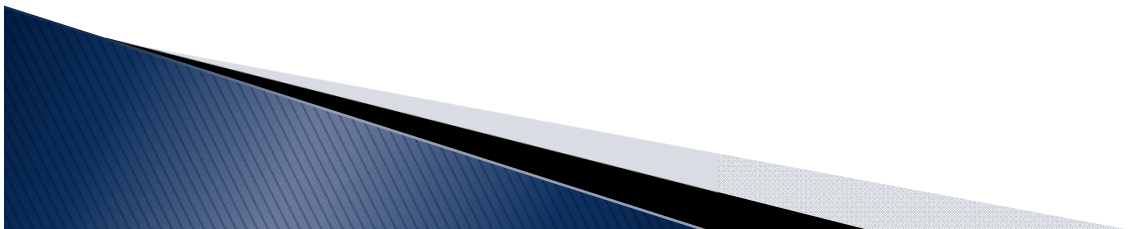


208.788.4956

» PUBLIC COMMENT

Public Hearing

- Master Plan Update
 - Draft Master Plan Chapter D – Existing Airport Site Alternatives
 - Approval



Friedman Memorial Airport Authority

Master Plan Update

Alternatives Public Hearing

September 8, 2015



Planning Process

INVENTORY (completed)

Documents existing Airport conditions, facilities, and context.

FACILITY REQUIREMENTS (completed)

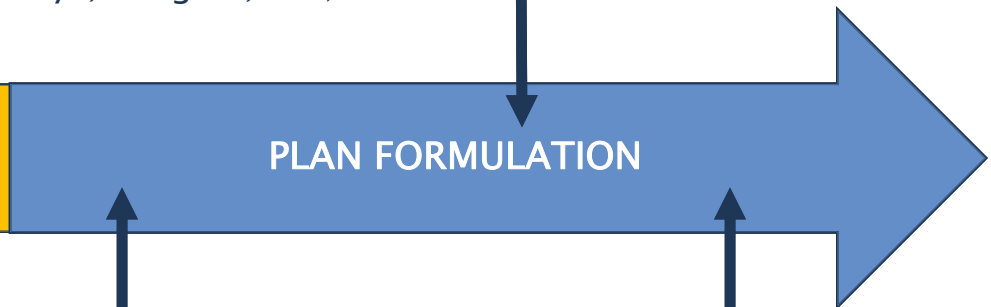
Identifies needs for key facilities (runways, taxiways, hangars, etc.)

FINANCIAL ANALYSIS & IMPLEMENTATION PLAN

Identifies phasing plan, required regulatory approvals, and capital funding sources.



BACKGROUND INFORMATION



PLAN FORMULATION

FORECASTS (completed)

Predicts future passenger enplanements, takeoffs and landings, and aircraft based at the airport.

ALTERNATIVES ANALYSIS (in progress)

Develops concepts for meeting facility requirements and recommends preferred solutions.
Result: Improvement plan recommendations

AIRPORT LAYOUT PLAN UPDATE

Depicts recommended future projects.



Friedman Memorial Airport

Chapter D Next Steps

- Tonight: Public Hearing
 - Before September 23: Comments from Board and Public
 - Incorporate FMAA and Public Feedback
 - Submit Revised Chapter
-
- Note: Chapter E includes all discussion of a replacement airport in a separate chapter.



Key Assumptions

- Compliance
- Customer Service
- Design Aircraft
- Efficient Use of Existing Property
- Land Acquisition
- Land Use Compatibility
- Not Studied:
 - Runway Length
 - Passenger Terminal
 - Highway 75



Key Facilities Analyzed

- Air Traffic Control Tower
- Passenger Terminal Facilities
 - Terminal Building
 - Commercial Aircraft Parking
 - Passenger Vehicle Parking
- General Aviation Facilities
 - Aprons
 - Hangars



Approach

- ▶ “No Action” Alternatives
- ▶ Existing Site Footprint Alternatives
- ▶ Existing Site Expansion Alternatives (for *required* facilities)

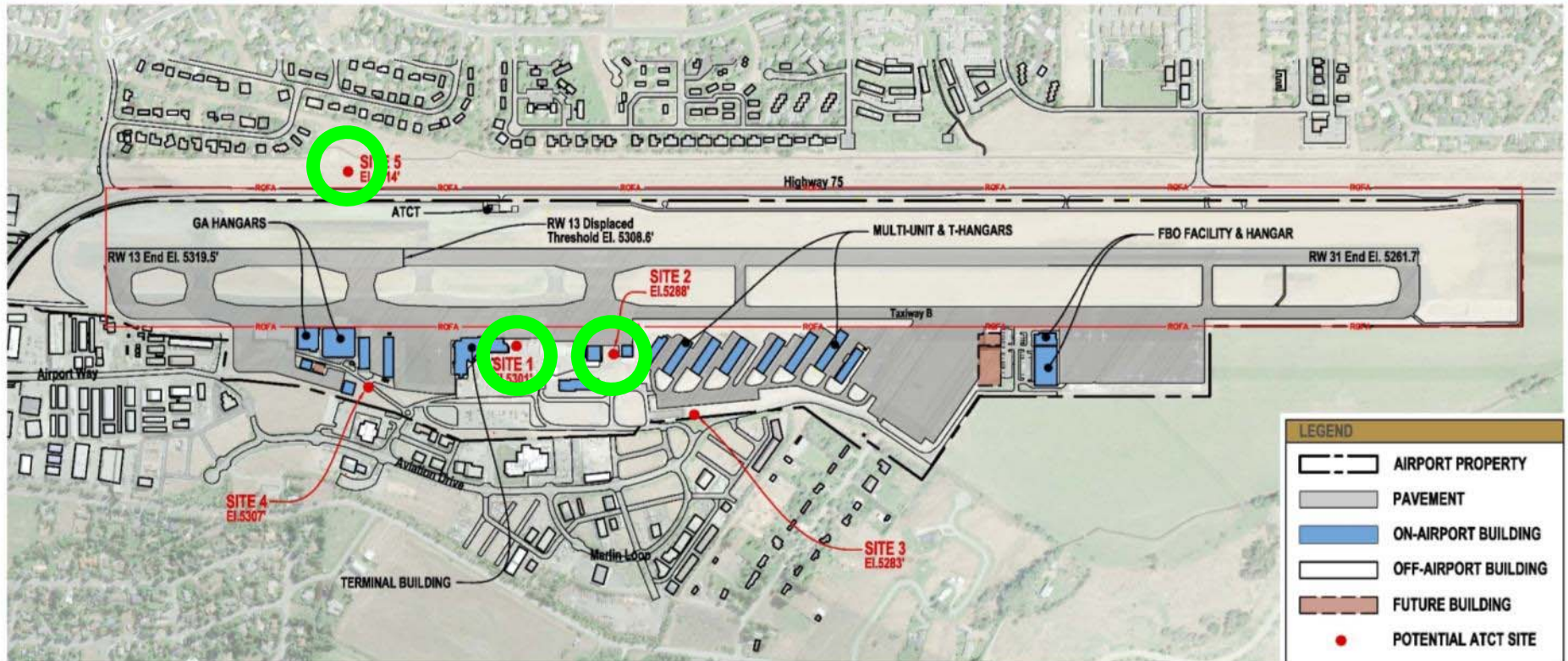


Air Traffic Control Tower

- Three of nine sites identified by 2004 tower study still viable
- Two additional sites were identified for Master Plan
- These five sites were analyzed with reference to:
 - Visibility performance
 - Orientation and glare
 - Airspace
 - Construction cost
 - Site-specific factors
- Master Plan analysis provides starting point for required FAA siting process



Air Traffic Control Tower



NOTE: This illustration is intended for study purposes only and is not intended for implementation.



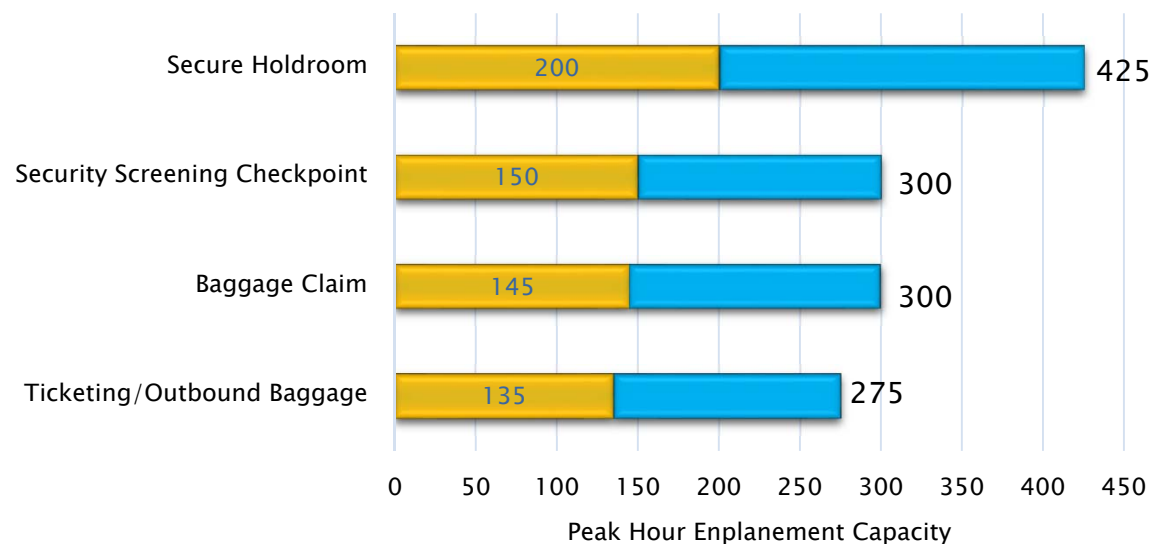
Air Traffic Control Tower

- Sites 3 and 4 not good candidates due to cost and operational challenges
- Sites 1 and 2 are good candidates but limit terminal area options
- Site 5 is a good candidate but is off Airport property and in Highway 75 right-of-way
- Sites 1, 2, and 5 recommended for formal FAA siting process



Passenger Terminal Building

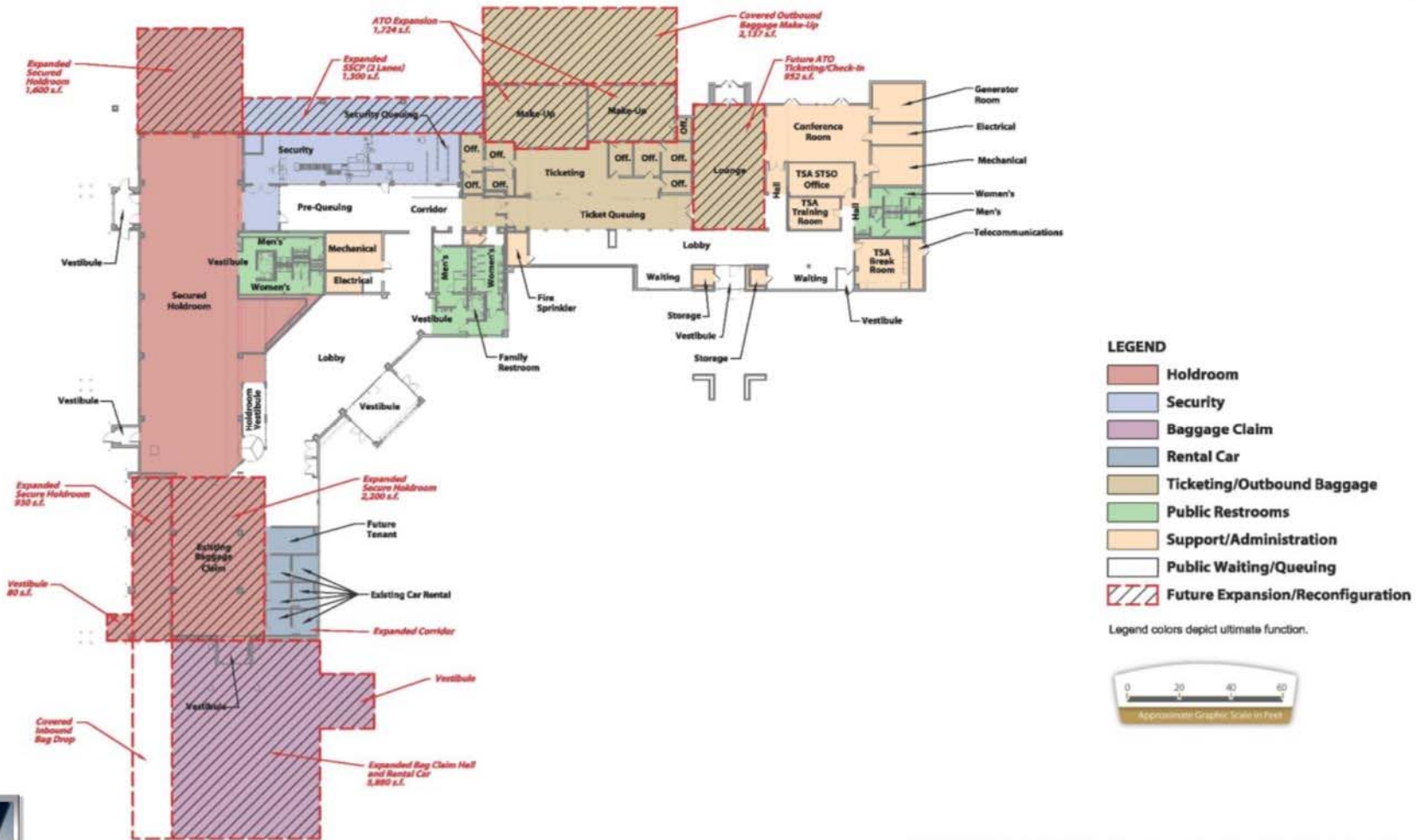
- New design can accommodate 3 peak hour flights
- Will be congested at 4 peak hour flights in some functional areas
- Further building expansion would be beneficial for 5 peak hour flights or greater



■ Post-2015 Capacity

■ Ultimate Expansion Capability

Passenger Terminal Building



NOTE: This illustration is intended for study purposes only and is not intended for implementation.



Commercial Aircraft Parking

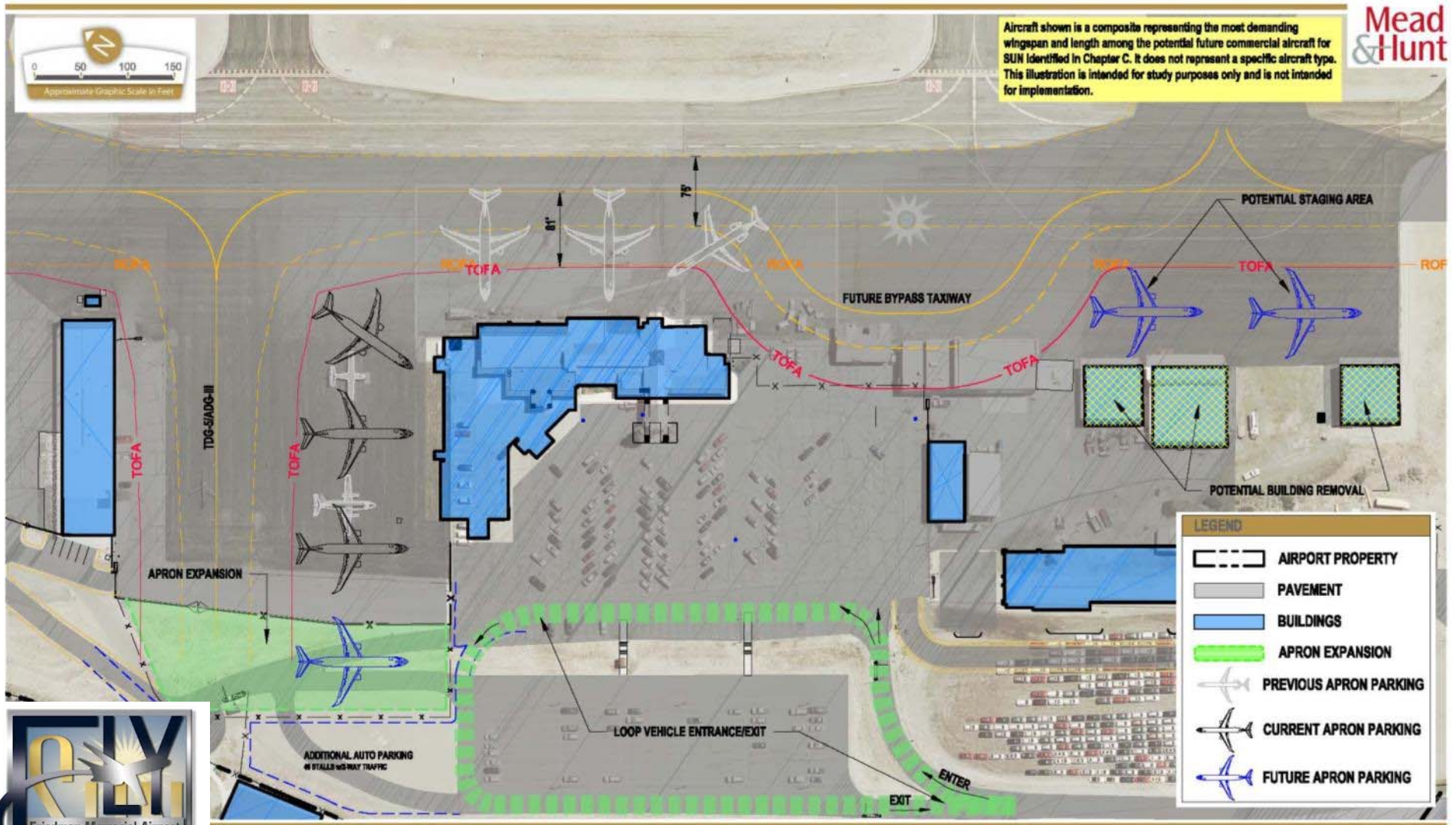
- Existing apron has 3 aircraft parking positions
 - At capacity during peak seasons
- 20-year forecast estimates peak hour of 4 to 7 departing flights
 - Actual number of peak hour flights dependent on airline scheduling
- Three alternatives were considered
 - No action
 - Expand apron to 4 positions and provide 2 remote staging positions
 - Expand apron to 7 positions



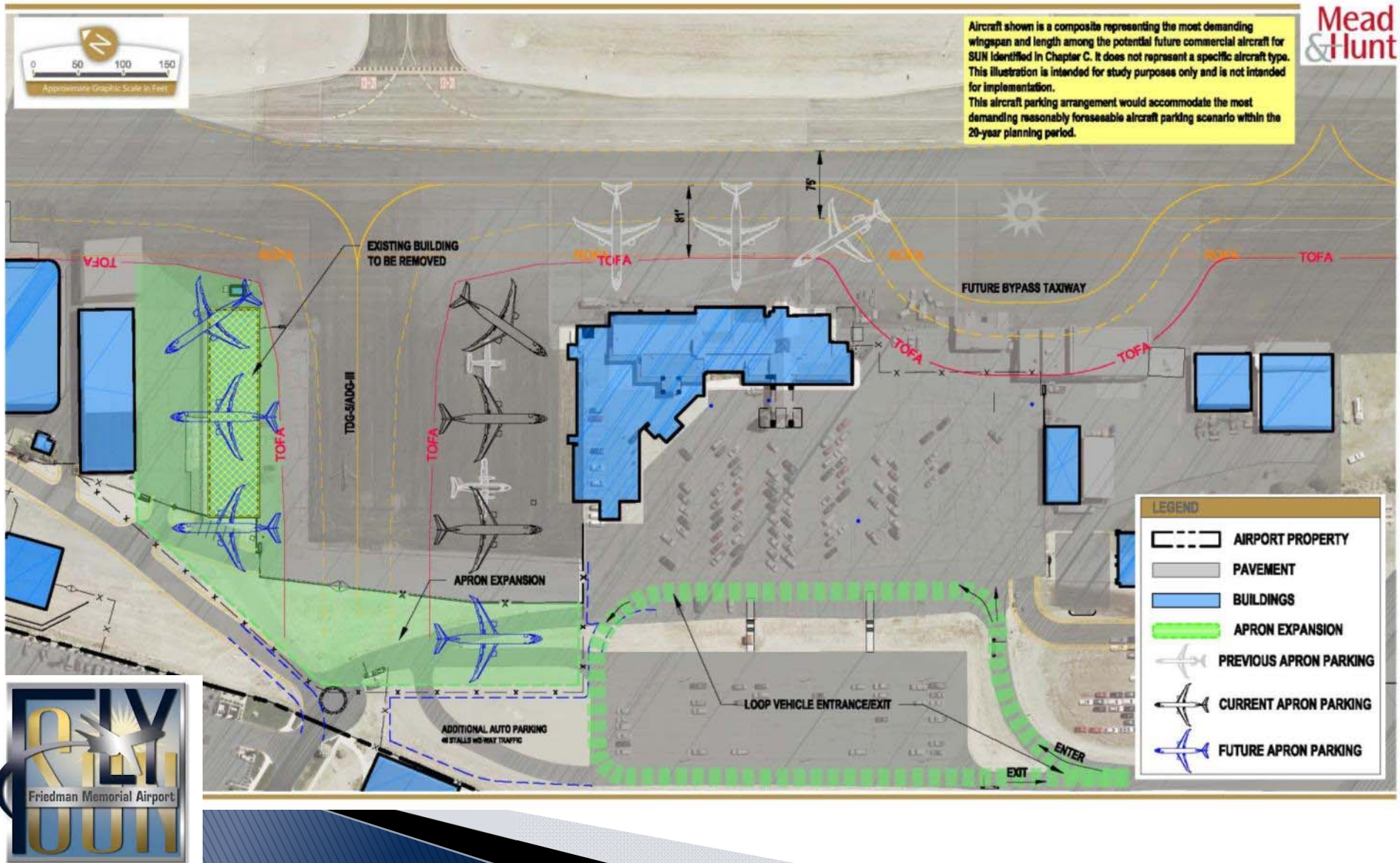
Aerial map of Friedman Memorial Airport showing proposed apron expansion and taxiway layout. The map includes labels for 'PRE-ALTERNATIVE 6 APRON', 'POST-ALTERNATIVE 6 APRON', 'TOGA', 'TCFA', 'FUTURE BYPASS TAXIWAY', and 'TDG-5/ADC-II'. A scale bar at the top left indicates 0 to 150 feet. A legend at the bottom right defines symbols for airport property, pavement, buildings, apron expansion, and parking areas. A disclaimer at the top right states that the aircraft shown are composite representations of the most demanding wingspan and length among potential future commercial aircraft for SUN.



Alternative 2



Alternative 3



Passenger Vehicle Parking

- Parking availability currently strained at 360 spaces
- 20-year forecast estimates that parking needs will nearly double
- Sufficient space not available for parking expansion within existing terminal area property footprint



Vehicle Parking Alternatives



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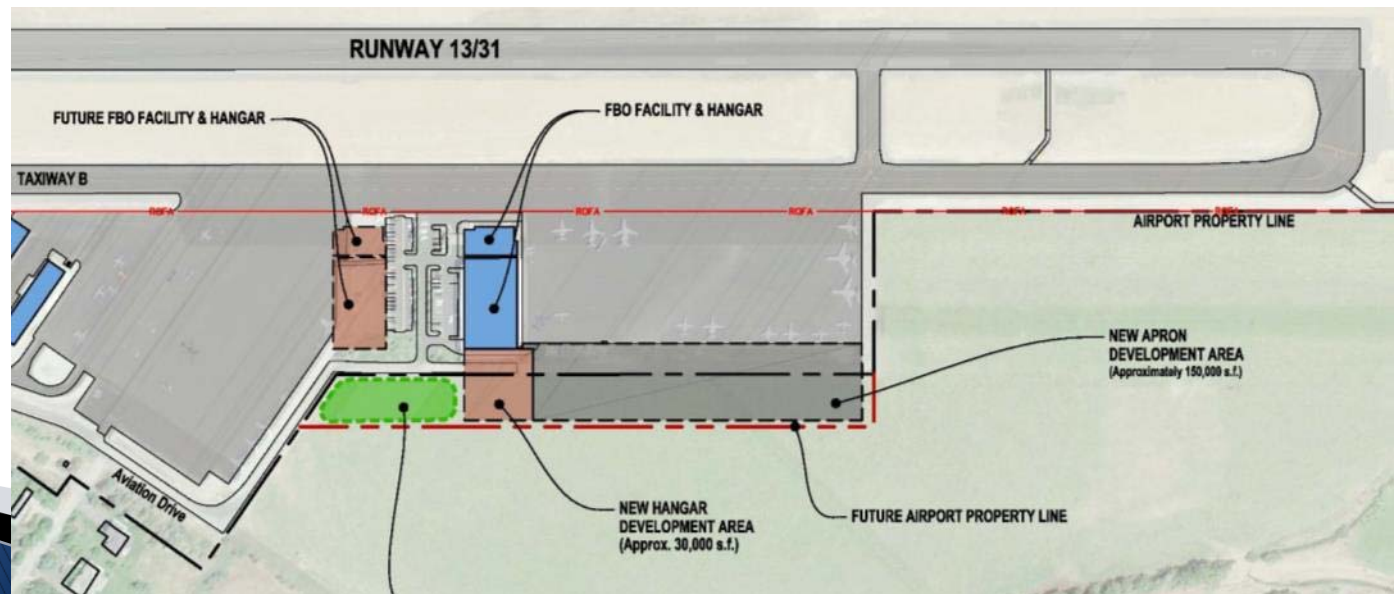
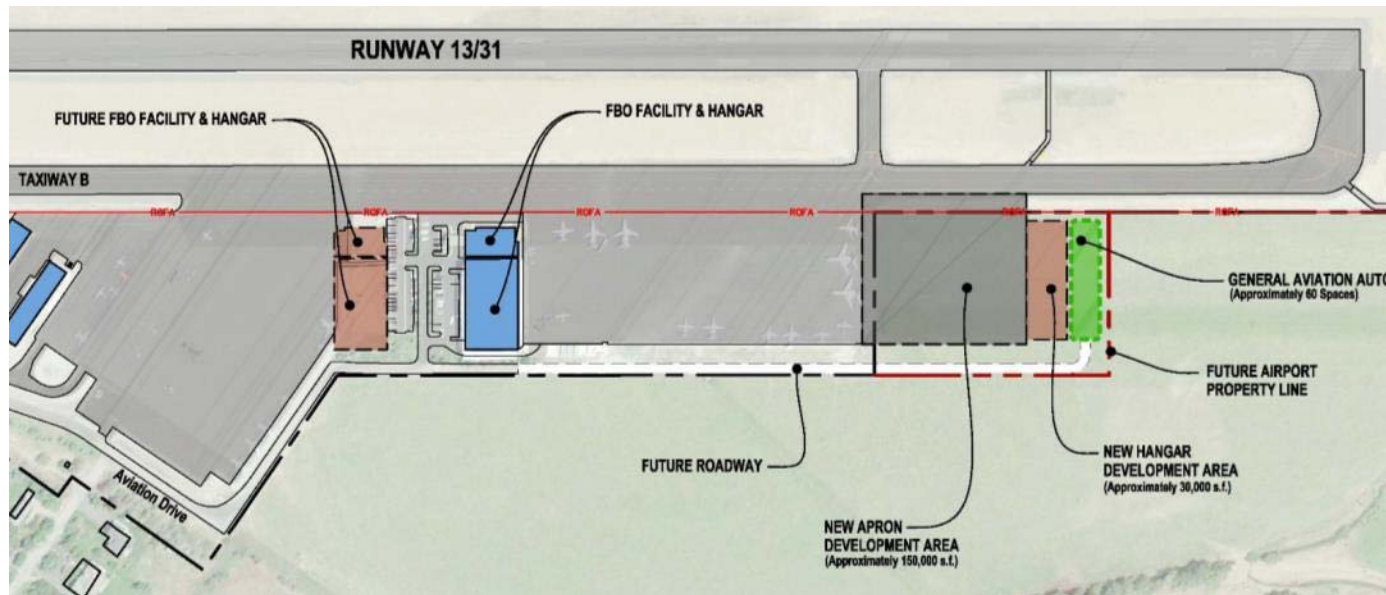


General Aviation Apron & Hangars

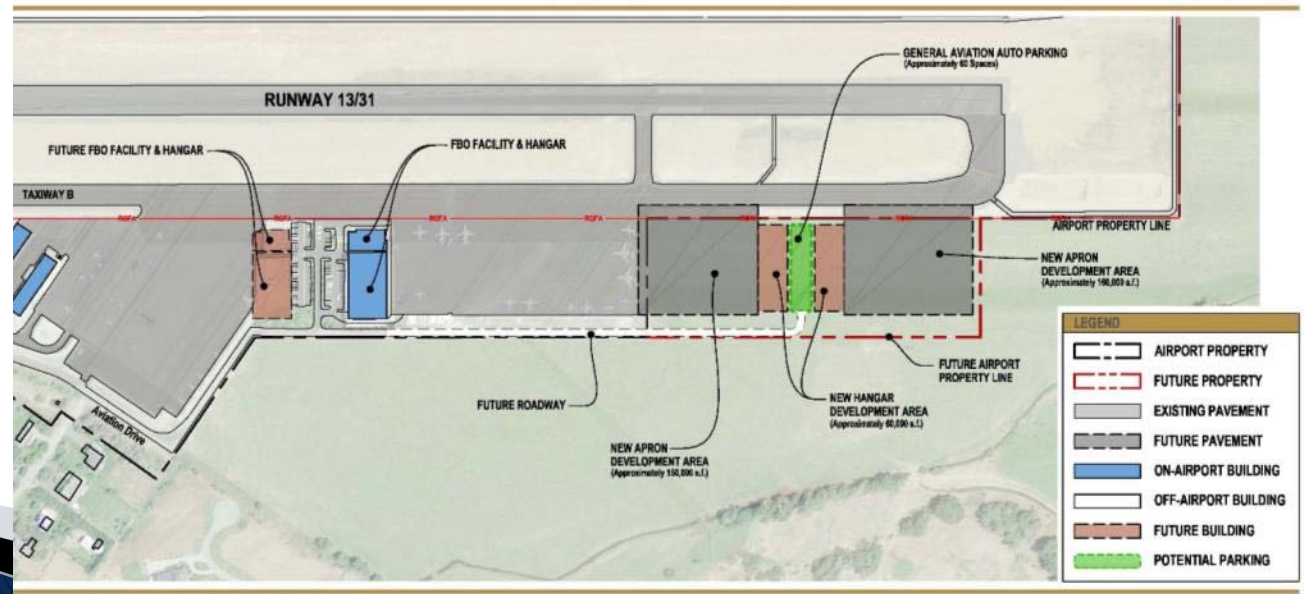
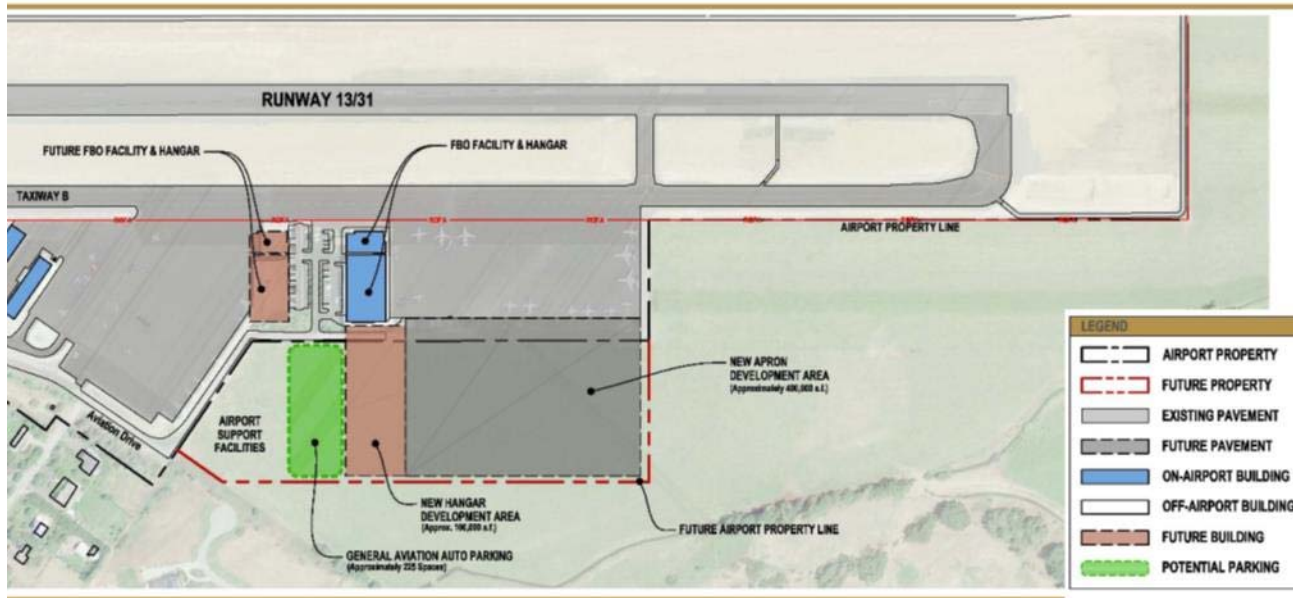
- Two alternatives to regain lost capacity
 - 150,000 square feet of apron
 - 14,500 square feet of hangar space
- Two alternatives to accommodate projected demand
 - Additional 225,000 square feet of apron
 - Additional 78,700 square feet of hangar space



GA “Recapture” Alternatives



GA 20-Year Demand Alternatives



Other Facilities

- Instrument Approaches/Departures
 - Will incorporate findings of on-going independent study
- Compliance with Standards
 - Existing site does not comply with standards
 - Modifications of Standards are in place for non-standard areas
 - Chapter D does not evaluate non-standard areas that have been studied previously and found to be too expensive/too difficult to correct



Next Steps – Chapter D

- Incorporate FMAA and Public Feedback
 - Comments will be incorporated into revisions to the alternatives
 - Goal: Develop “Preferred Alternatives”
- Revise Chapter

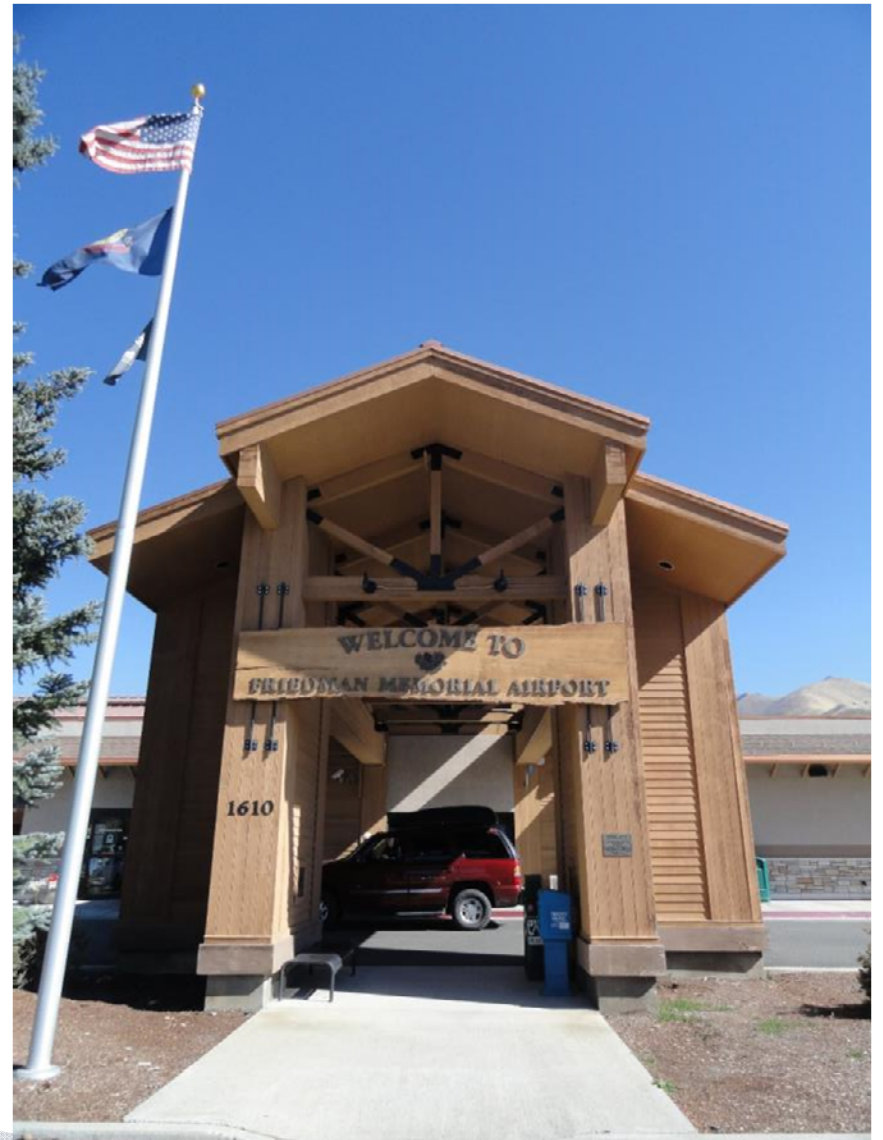


Next Steps

- Submit Chapter D
- Submit Draft Chapter E, *Replacement Airport Sites Re-Evaluation*
- Board Input Needed: When/how would you like to see these documents?

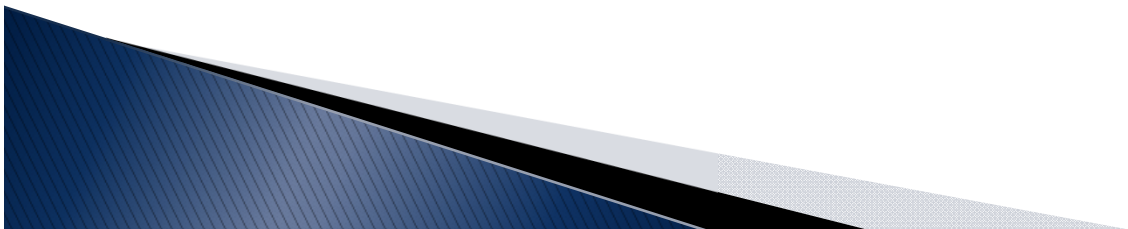


Comments / Discussion



Approve Friedman Memorial Airport Authority Meeting Minutes

- August 4, 2015 Regular Meeting
 - Approval



Reports

- ▶ Chairman Report
- ▶ Blaine County Report
- ▶ City of Hailey Report
- ▶ Airport Manager Report





AIRPORT STAFF BRIEF QUESTIONS

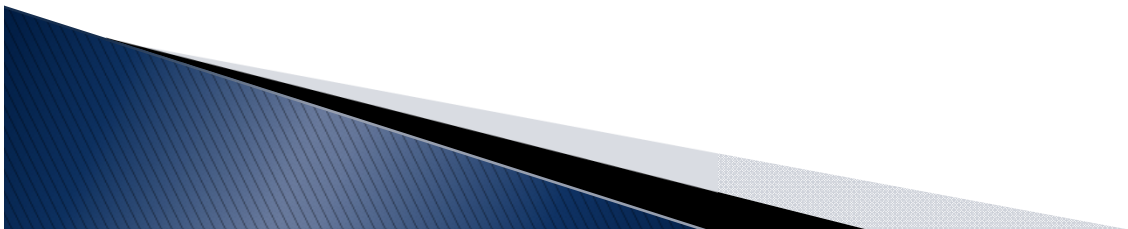


UNFINISHED BUSINESS

Airport Solutions Existing Site

► Plan to Meet 2015 Congressional Safety Area Requirement

- Presented by:
 - Mr. Dave Mitchell, T-O Engineers
 - Airport Manager



Project Updates

- ▶ Project 1: Hangar Taxilane and Apron Improvements
- ▶ Project 2: Relocate/Extend Taxiway B and RSA Grading
- ▶ Project 3: Terminal Reconfiguration
- ▶ Project 4: Airport Operations Building
- ▶ Project 5: Terminal Apron/Site Preparation
- ▶ Project 6: Relocate Twy B/Remove Twy A/North Apron
- ▶ Project 7: Central Bypass Apron
- ▶ Other Projects



Project 3

Terminal Expansion/Remodel



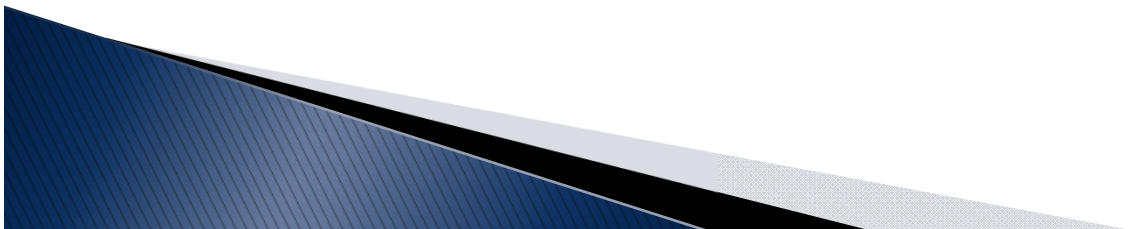




Project 3

Terminal Reconfiguration

- ▶ Ongoing/Remaining work:
 - Rotating exit door (Complete $\pm 9/18$)
 - Punchlist (Complete $\pm 9/18$)
 - Polycarbonate panels at entry (December)
 - Tenant finish out (November–December)



Project 4

Airport Operations Building







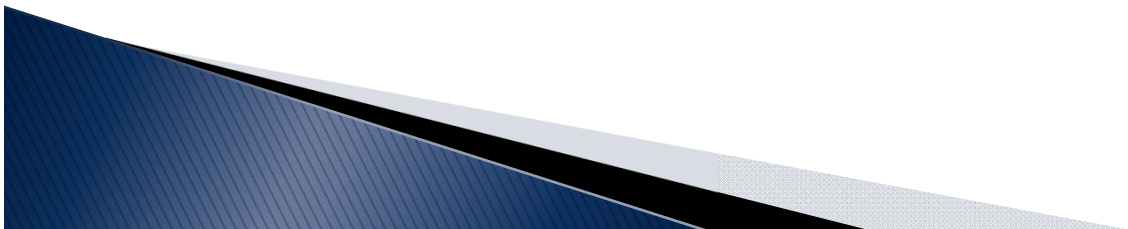




Project 4

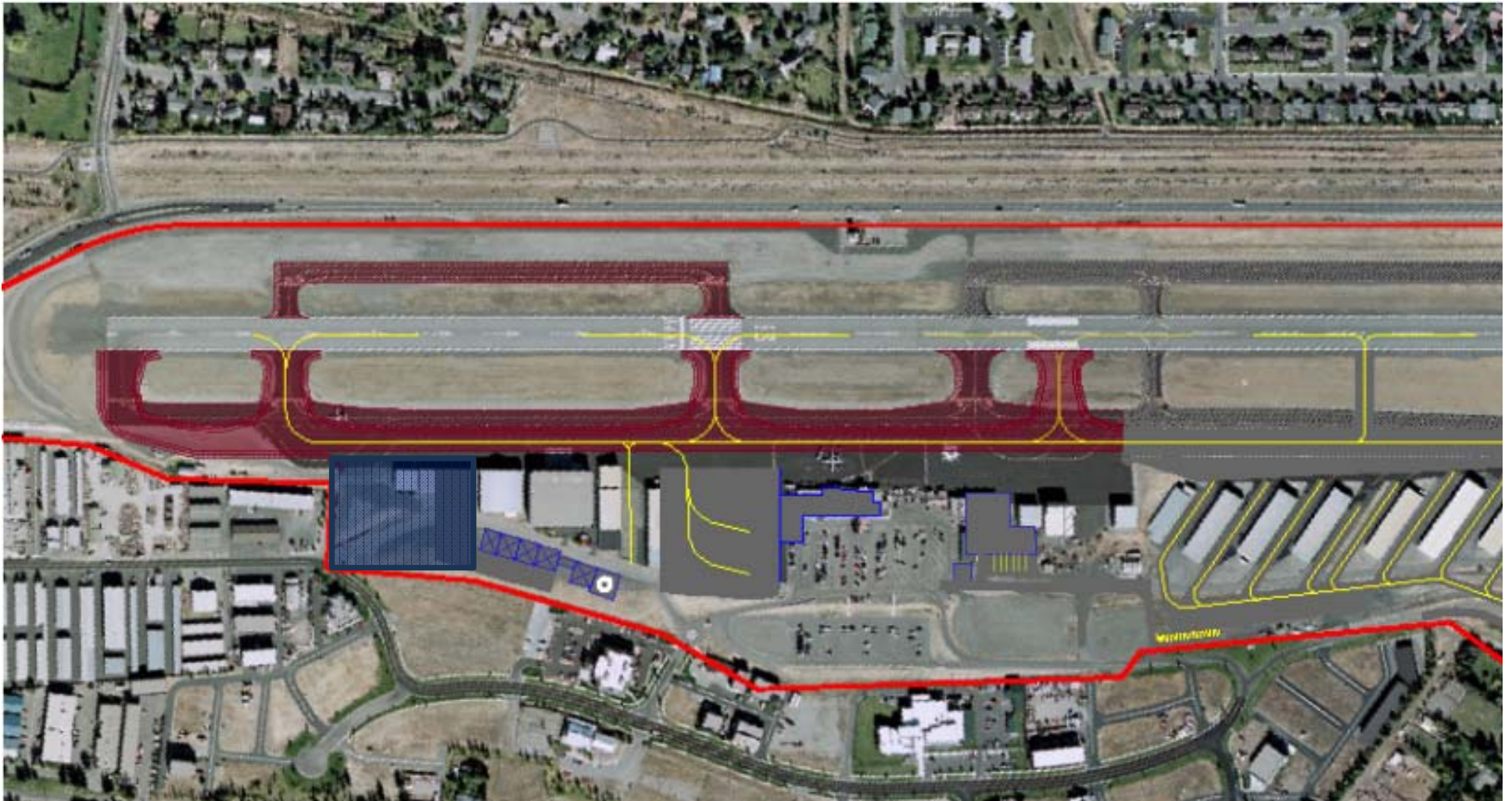
Airport Operations Building

- ▶ Remaining work:
 - Punchlist
 - Several minor changes



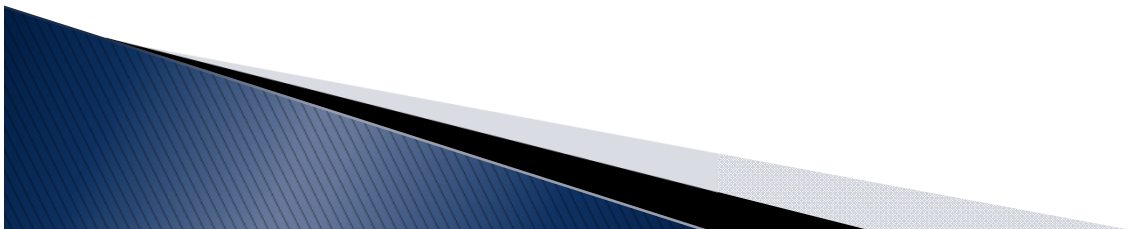
Project 6

Relocate Twy B/Remove Twy A/ North Apron

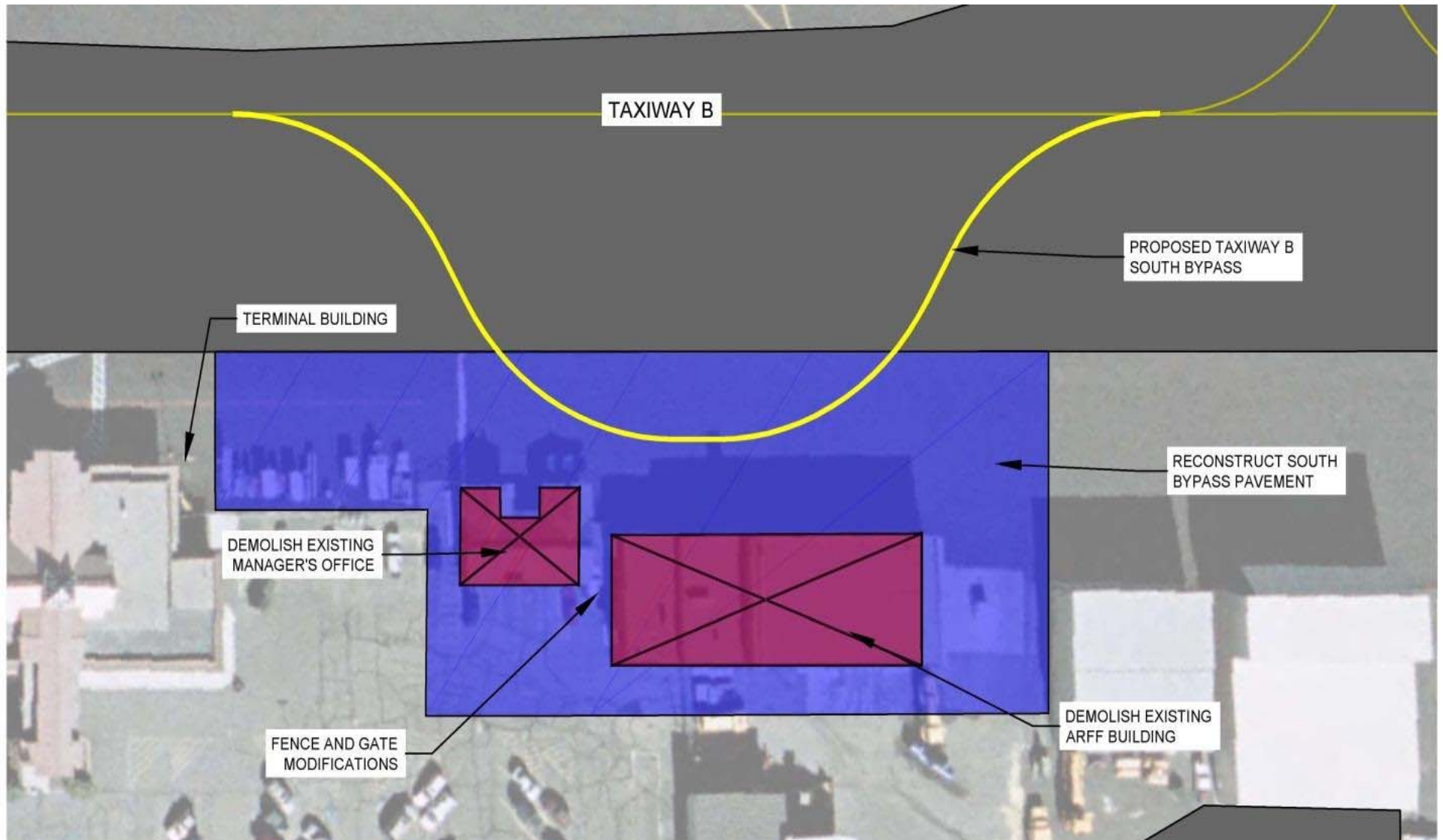


Project 6

- ▶ Remaining work:
 - Final markings
 - Repairs
- ▶ Scheduled for late September
 - Will be completed during temporary closures, scheduled around flights

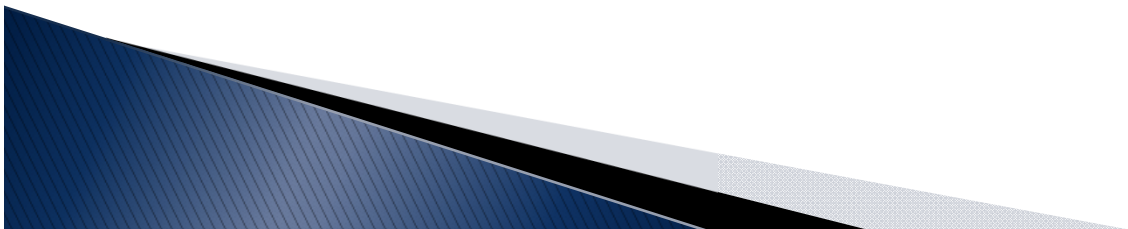


Project 7: Demolish Airport Buildings / Construct Central Bypass



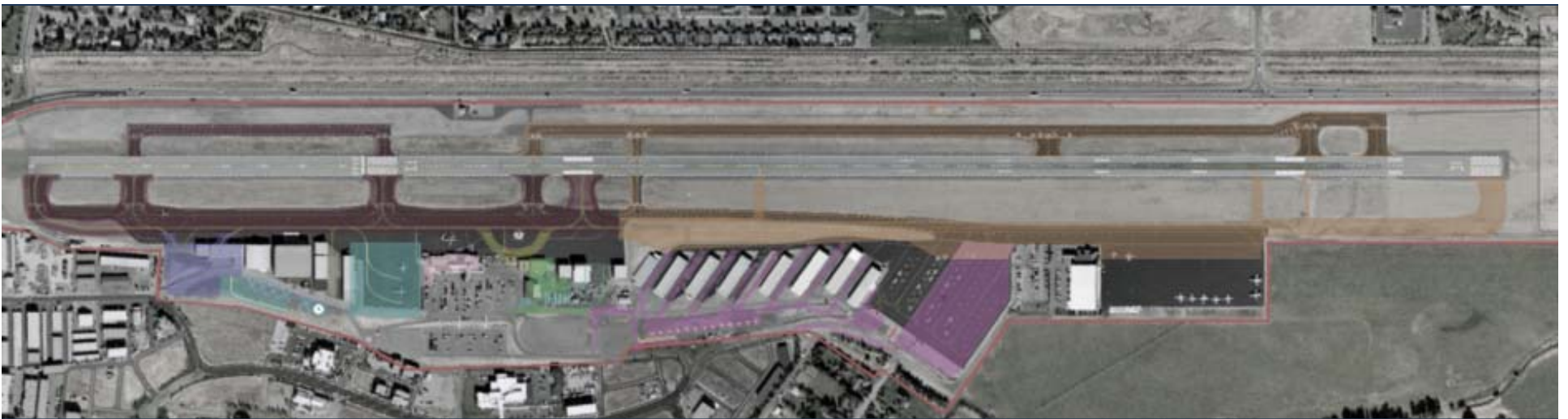
Project 7

- ▶ Awarded to Western Construction, subject to availability of federal funds
- ▶ Work scheduled to begin on September 14
- ▶ Still waiting on AIP '041 grant amendment



Other Projects

- ▶ Runway Rehabilitation/Parking Lot Improvements
- ▶ Landscaping Improvements
- ▶ Terminal Tenant Finish Out



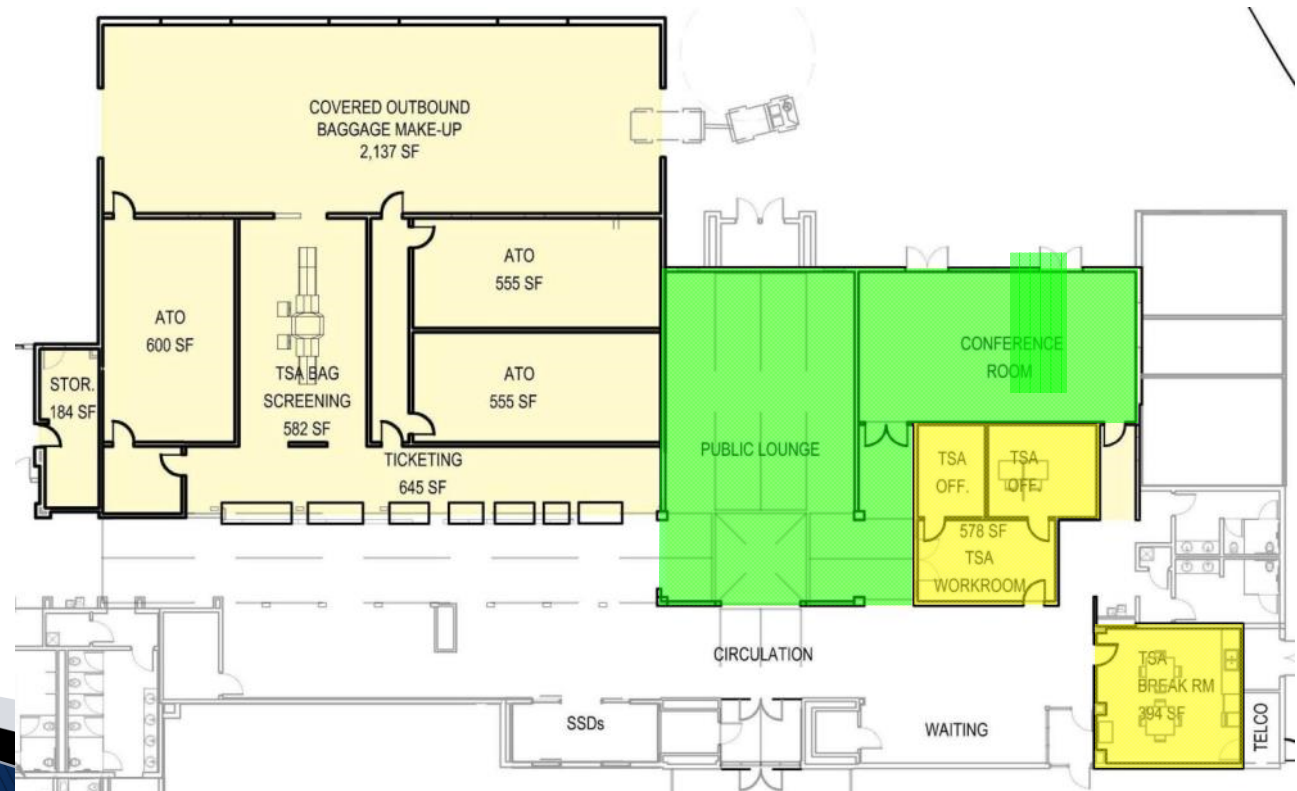
Landscaping Improvements

- ▶ Substantially complete



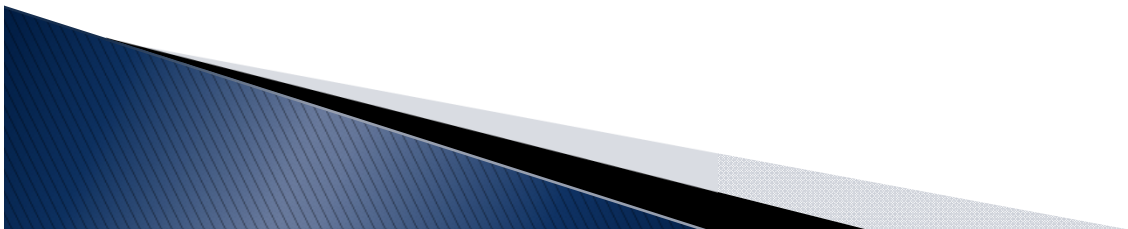
Additional Terminal Tenant Finish Out/Remodel

- ▶ Negotiations with contractor complete
- ▶ Negotiations with TSA/GSA ongoing
- ▶ Scheduled completion: Early December



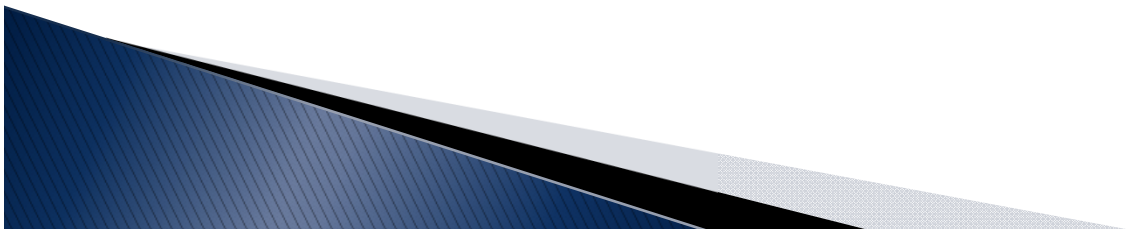
Retain/Improve/Develop Air Service

- ▶ Fly Sun Valley Alliance Update



Master Plan Update

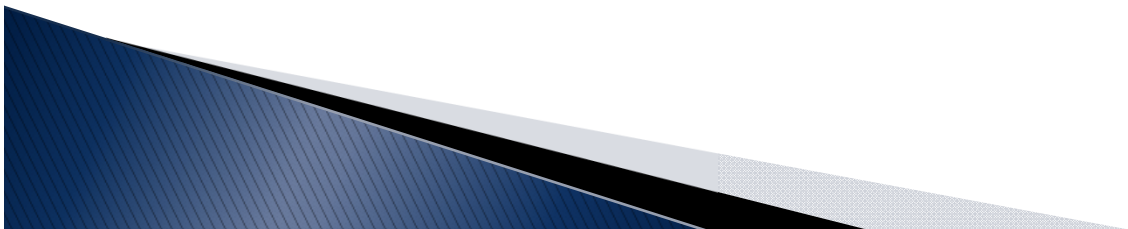
- ▶ After receiving comments from FMAA and the general public, Mead & Hunt will issue revised versions of the first four chapters of the Master Plan for posting on the Airport's website
- ▶ A preliminary draft version of Chapter E, Replacement Airport Site Analysis will be delivered to FMAA in October, for presentation at the November 3rd FMAA meeting
- ▶ Mead & Hunt requests Board comments be provided regarding Chapter D prior to the October FMAA meeting



» NEW BUSINESS

FMAA October Meeting

- ▶ FMAA October Meeting
 - October 6th – Chairman not available
 - October 1st – Quorum available
 - October 13th Quorum may not be available



» PUBLIC COMMENT



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Thank you



1616 Airport Circle



Hailey, ID 83333



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