

Southwest Wyoming
Regional Airport



Airport Master Plan Public Open House August 2024

Agenda

- Re-introductions
- What is an Airport Master Plan?
- Process/Schedule Review
- Quick Review of Background Information
- Financial Implementation Plan
- Next Steps

Introductions

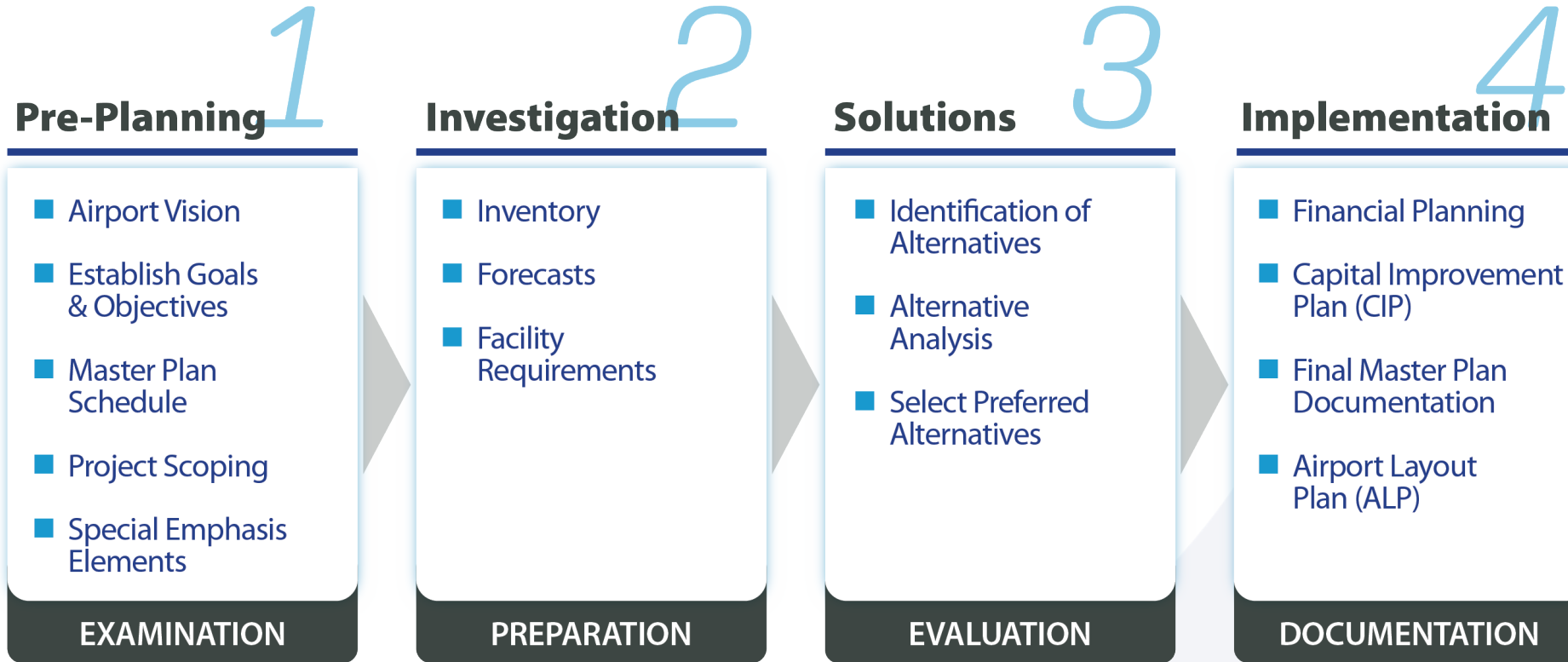
- ✈ Airport Staff
- ✈ FAA
- ✈ WYDOT Aeronautics
- ✈ Consultant Team
 - ▶ Ardurra
 - ▶ Mead & Hunt
 - ▶ Shannon & Wilson
 - ▶ Leibowitz & Horton
 - ▶ NV5
- ✈ Study Committee



What is an Airport Master Plan Study

- Decision-Making Tool to Guide Orderly Development of Future Airport Facilities
- FAA Tool for Planning and Programming Purposes
- Provides Input Related to National Environmental Protection Act (NEPA)
- Includes community outreach throughout the study
- Provides Input to City/County Land Use Planning and Regional Transportation Planning
- Serves as a flexible, living document
- A Master Plan is NOT a business plan or noise study

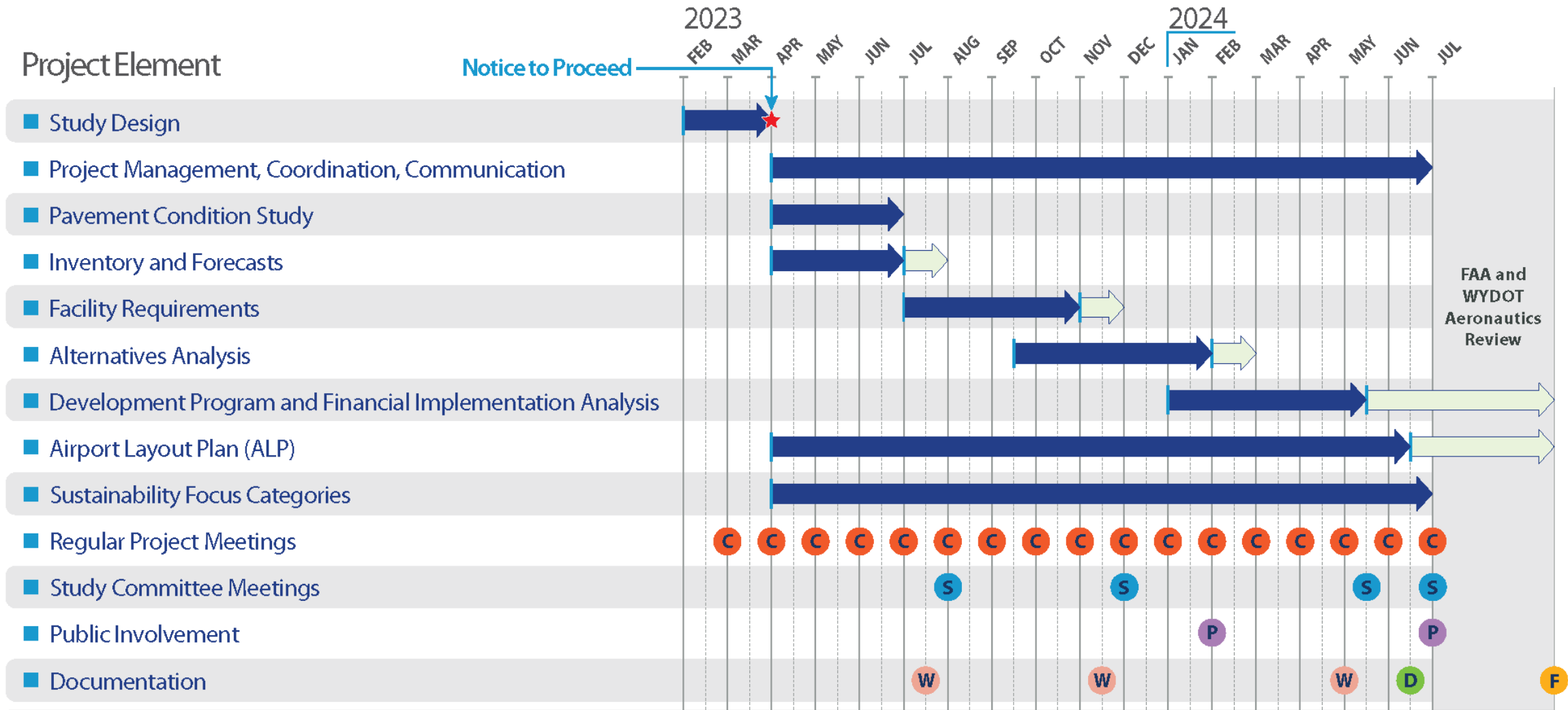
MASTER PLAN PROCESS



- STUDY COMMITTEE MEETING
- PUBLIC OPEN HOUSE
- COMMUNITY OUTREACH



Project Element



- Element Timeline
- FAA Review Time
- Conference Calls
- Working Paper
- Study Committee Meeting
- Draft Final Report
- Public Open House
- Final Report

Forecasts

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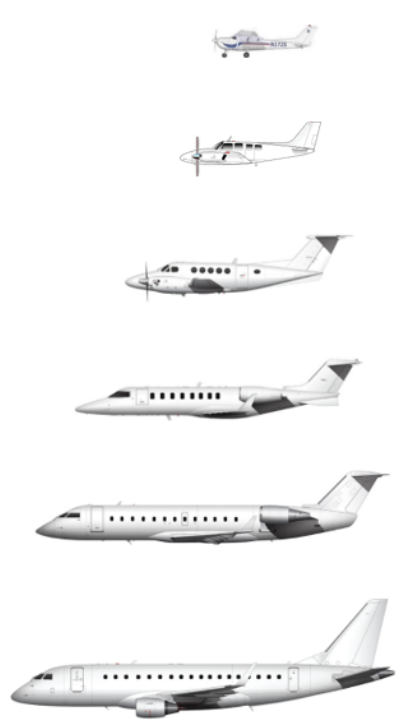
Forecasts & Critical Aircraft

Aviation Activity	2022	2027	2032	2037	2047
OPERATIONS					
Commercial Service	4,574	4,689	4,808	4,929	5,054
General Aviation	12,045	12,218	12,279	12,353	12,415
Local GA Operations	9,770	9,910	9,960	10,020	10,070
Itinerant GA Operations	2,275	2,308	2,319	2,333	2,345
Military	55	55	55	55	55
Total Operations	16,674	16,962	17,142	17,338	17,524
PASSENGER ENPLANEMENTS					
Enplanements	16,499	20,784	23,984	27,255	30,594
BASED AIRCRAFT BY TYPE					
Single Engine Piston	35	37	38	39	39
Multi Engine Piston	5	5	5	5	5
Jet	0	2	2	2	2
Helicopter	1	2	2	2	2
Experimental	3	4	4	4	5
Total Based Aircraft	44	50	51	52	53

Existing/Future Rwy 3/21 Critical Aircraft

Existing Rwy 9/27 Critical Aircraft


Future Rwy 9/27 Critical Aircraft

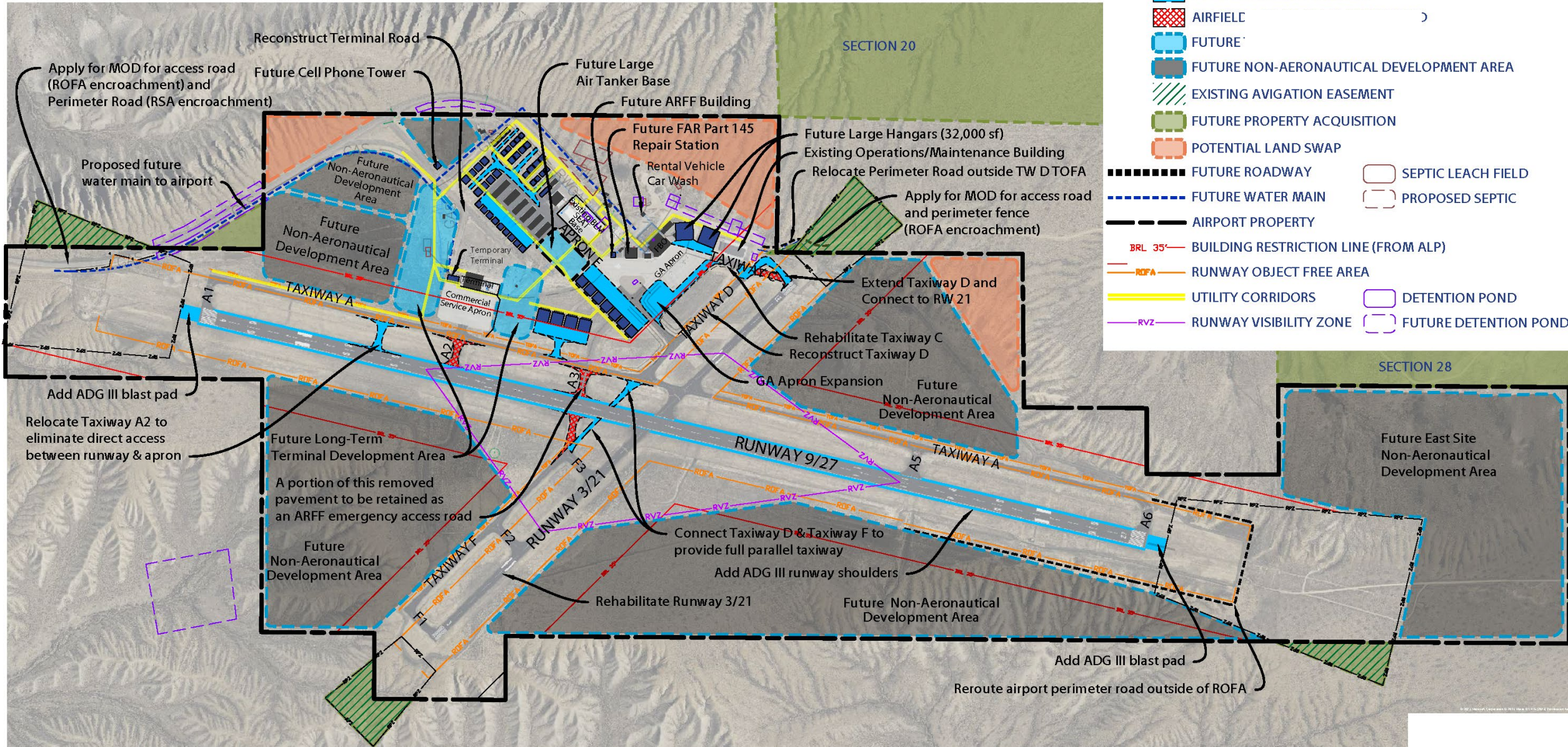


- RDC A-I**
Single-Engine Aircraft – 2 to 6 Seats
Cessna 172, Beech Bonanza, Cirrus SR22
- RDC B-I**
Twin-Piston Aircraft – 4 to 10 Seats
PA 31-310 Navajo, Beech Baron 58, Cessna 414
- *RDC B-II**
Twin-Turboprop/Business Jet/Small Cabin Aircraft 6 to 12 Seats –
Beech King Air 200, Pilatus PC-12
- RDC C/D-I**
Business Jets- 6 to 12 Seats
Lear 45, Hawker 400
- *RDC C/D-II**
Commercial/Business Jet – 6 to 70 Seats
Bombardier CRJ-200, Embraer ERJ-145
- **RDC C/D-III**
Large Commercial/Businessjet – 14 to 177 Seats
Embraer 175
Bombardier BD-700 Global Express, Gulfstream G800



Conceptual Development Plan

The background features a light blue gradient. On the right side, there are two overlapping, upward-curving shapes. The lower shape is a bright blue, and the upper shape is a darker blue. At the bottom right corner, there is a small triangular area of yellow.



LEGEND

- FUTURE BUILDING
- FUTURE AIRFIELD PAVEMENT
- AIRFIELD
- FUTURE
- FUTURE NON-AERONAUTICAL DEVELOPMENT AREA
- EXISTING AVIGATION EASEMENT
- FUTURE PROPERTY ACQUISITION
- POTENTIAL LAND SWAP
- FUTURE ROADWAY
- FUTURE WATER MAIN
- AIRPORT PROPERTY
- BRL 35'
- RUNWAY OBJECT FREE AREA
- UTILITY CORRIDORS
- RVZ
- SEPTIC LEACH FIELD
- PROPOSED SEPTIC
- DETENTION POND
- FUTURE DETENTION POND

Financial Analysis

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Anticipated Funding Sources

- **FAA Airport Improvement Program (AIP) Grants**
 - ▶ Entitlement and Discretionary
 - ▶ <https://www.faa.gov/airports/aip>
- **FAA Bipartisan Infrastructure Law (BIL) Grants**
 - ▶ Airport Infrastructure Grants (AIG) and Airport Terminal Program (ATP)
 - ▶ <https://www.faa.gov/bil/airport-infrastructure>
- **WYDOT Aeronautics Commission Grants**
 - ▶ https://www.dot.state.wy.us/home/aeronautics/planning--programming-program/grant_info.html
- **Airport Funds**
 - ▶ Airport Revenue
 - ▶ Passenger Facility Charges (PFCs)
 - ▶ Customer Facility Charges (CFCs)
- **Debt Proceeds**
- **Other Sources**
 - ▶ Wyoming Business Council
 - ▶ TSA
- **Other Unidentified Funding Sources**

Master Plan Schedule and Estimated Costs – Phase 1

Project Number	Year	Project	Estimated Cost
Phase 1 (2024-2028)			
1	2024	2023 Master Plan	\$600,000
2	2024	Water and Sewer Improvements	1,183,278
3	2024	Commercial Terminal Modernization, Phase 1 Early Work Package	3,000,000
4	2024	SRE Building Conversion Project	705,000
5	2025	Rehab 3/21 & TW Lighting Construction	1,412,976
6	2025	Acquire SRE (Broom)	783,995
7a	2025	Seal Coat and Mark Pavements	880,650
7b	2025	Crack Sealing	206,000
8a	2025	Expand GA Apron, Year 1 of 2	744,381
9a	2025	Commercial Terminal Modernization, Phase 2, Year 1	12,725,000
8b	2026	Expand GA Apron, Year 2 of 2	3,268,580
9b	2026	Commercial Terminal Modernization, Phase 2, Year 2	12,725,000
10	2028	Replace Terminal Access Road Lighting	323,447
11	2028	Acquire SRE (Plow & Spreaders)	844,132
12	2028	Design and Construct Large Hangar West of Existing FBO Building	4,479,525
Phase 1 Total			\$43,881,964



Master Plan Schedule and Estimated Costs – Phase 2

Project Number	Project	Estimated Cost
Phase 2 (2029-2033)		
13a	Seal Coat and Mark Pavements	\$1,211,831
13b	Crack Sealing	242,366
14a	Rehabilitate West GA Apron and Taxilane E, Year 1 of 2	1,128,214
14b	Rehabilitate West GA Apron and Taxilane E, Year 2 of 2	4,809,756
15a	Reconfigure/Rehab Taxiway C, Reconstruct Taxiway D, Year 1 of 2	920,991
15b	Reconfigure/Rehab Taxiway C, Reconstruct Taxiway D, Year 2 of 2	3,926,332
16	Rehabilitate RW 3/21	3,029,577
17	Acquire Tractor and Mower	193,893
18	Acquire ARFF Truck	993,701
19	Construct ARFF Building	5,089,689
20	Construct Connection between Taxiway D and Taxiway F; and Demo Existing A3 Connector	3,150,760
21	Design and Construct Re-routing of Perimeter Road Outside of ROFA (RW 27 Approach End)	1,139,121
22	Rehabilitate RW 9/27, Rehabilitate RW 9/27 Lighting, Construct Paved Shoulders and Blast Pads	24,357,798
23a	Seal Coat and Mark Pavements	1,211,831
23b	Crack Sealing	242,366
Phase 2 Total		\$51,648,226

Master Plan Schedule and Estimated Costs – Phase 3

Project Number	Project	Estimated Cost
Phase 3 (2034-2043)		
24	Acquire SRE (Loader with Snow Box)	\$710,917
25	Reconstruct Terminal Road	2,541,151
26	Rehab Taxiway A	6,201,618
27	Reconstruct Terminal Parking Lot	4,569,665
28	Conduct Planning Study, Master Plan	1,512,590
29a	Seal Coat and Mark Pavements	1,512,590
29b	Crack Sealing	302,518
30	Acquire SRE, Multi-Function	1,058,813
31	Rehabilitate RW 3/21	12,645,250
32	Rehab Taxiway F	2,571,403
33	Construct Aircraft De-ice Pad	3,357,949
34	Rehab West GA Apron	2,571,403
35	Acquire SRE Project-Broom	998,309
36a	Seal Coat and Mark Pavements	1,512,590
36b	Crack Sealing	302,518
37	Demo Existing A2 Connector and Relocate Taxiway A2	2,964,676
38	Design and Construct Rental Vehicle Car Wash	4,537,769
39	Design and Construct Large Hangar East of Existing SRE Building	6,020,107
40	Acquire Land in Section 20 (Non-aeronautical)	704,867
41	Acquire Land in Section 28 (Non-aeronautical)	704,867
42	Acquire Land in Runway 9/27 RPZs	90,755
43	Acquire Land in Runway 3/21 RPZs	105,881
44	Rehabilitate Runway 9/27	24,050,177
Phase 3 Total		\$81,548,381
Total (Phase 1-3)		\$177,078,570

Summary of Funding Sources and Uses

	Phase 1 (2024-2028)	Phase 2 (2029-2033)	Phase 3 (2034-2043)	Totals
Sources of Capital Funding				
AIP Entitlement/BIL AIG	\$15,683,466	\$6,500,000	\$13,000,000	\$35,183,466
AIP Discretionary/ Supplemental/BIL ATP	9,189,821	33,172,308	41,949,549	84,311,678
WYDOT (State) Funds	5,379,613	4,046,606	7,114,371	16,540,590
Passenger Facility Charges	211,033	631,229	1,110,197	1,952,459
Customer Facility Charges	0	0	1,361,779	1,361,779
Wyoming Business Council	1,214,937	0	0	1,214,937
Transportation Security Admin.	243,802	0	0	243,802
Debt Proceeds	5,000,000	0	0	5,000,000
Cash Reserves/Net Operating Revenues	2,156,319	0	0	2,156,319
Total Available Sources of Capital Funding	\$39,078,992	\$44,350,144	\$64,535,896	\$147,965,032
Other Unidentified Funding	4,802,972	7,298,082	17,012,485	29,113,539
Total Required Sources of Funding	\$43,881,964	\$51,648,226	\$81,548,381	\$177,078,570
Uses of Capital Funding				
Runway/Taxiway/Apron Improvements	\$6,512,587	\$44,231,822	\$57,992,690	\$108,737,098
Terminal Building Improvements	28,450,000	0	0	28,450,000
Roadway & Parking Improvements	323,447	1,139,121	7,110,815	8,573,383
SRE Facilities & Equipment	2,333,127	0	2,768,039	5,101,166
ARFF Facilities & Equipment	0	6,083,390	0	6,083,390
Hangar Development	4,479,525	0	6,020,107	10,499,632
Land Acquisition	0	0	1,606,370	1,606,370
Other Improvements	1,783,278	193,893	6,050,359	8,027,530
Total Uses of Funding	\$43,881,964	\$51,648,226	\$81,548,381	\$177,078,570

These numbers are estimates for planning purposes only. They are based on assumptions related to future funding programs as well as achievement of aviation forecasts. They are not guaranteed.

Next Steps

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Next Steps

- ALP approval
- Master Plan adoption by Airport Board

Southwest Wyoming
Regional Airport



Master Plan



Mead
& Hunt

We want to hear from you!

✈️ Public Open House – August 2024

✈️ Find more information on the Master Plan Website:

<https://www.rksmasterplan.com>

- ▶ Draft working papers
- ▶ Project updates
- ▶ Open house presentation materials
- ▶ Submit comments



✈️ Follow the Airport on Social Media



Questions & Comments

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Thank You!

