



SOUTH LEWIS COUNTY AIRPORT AIRPORT LAYOUT PLAN UPDATE FOR 2017 AIRPORT MASTER PLAN

*Planning Advisory Committee Meeting #3
December 6, 2023*

AGENDA

- Introductions
- Project Schedule – Where We Are
- Brief Recap
- Preferred Development Alternative
- Capital Improvement Plan (CIP)
- Airport Layout Plan (ALP)
- Terminal Area Plan
- Looking Ahead
- Questions?



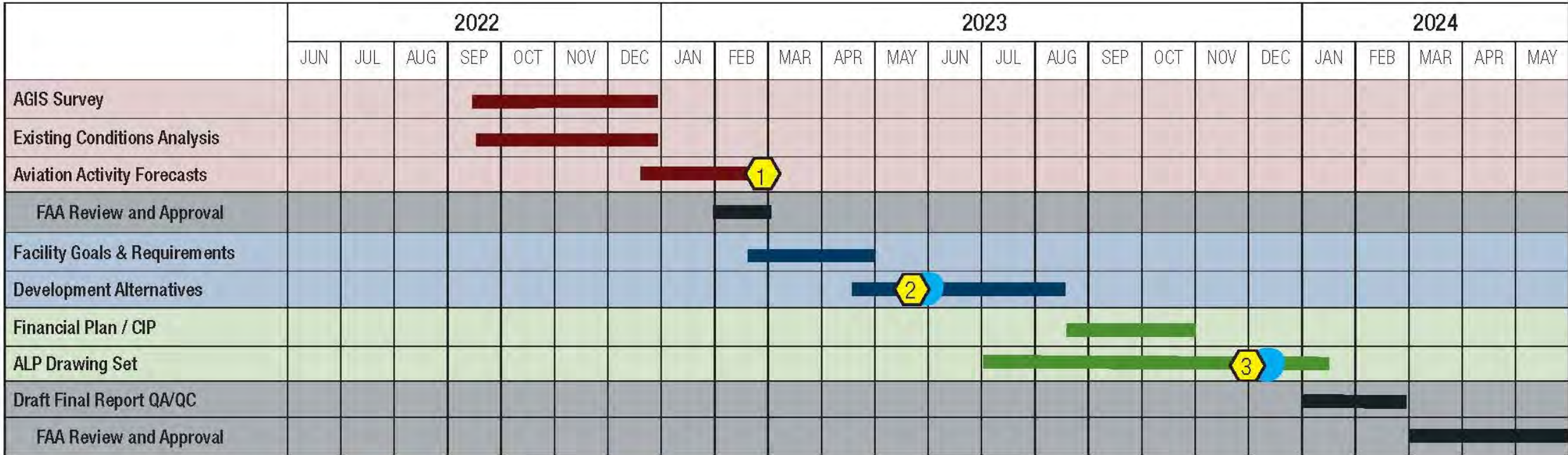


BRIEF RECAP

- We've identified current and future facility needs
- Presented proposed improvements consistent with the 2017 Airport Master Plan and ALP at the last PAC meeting
- Refined the concepts for the updated ALP (recommended preferred alternative)
- Prepared updated engineering cost estimates for each project
- Updated the 20-year CIP to identify project priorities and project eligibility
- Currently working on updates to the ALP drawing set (12 sheets)



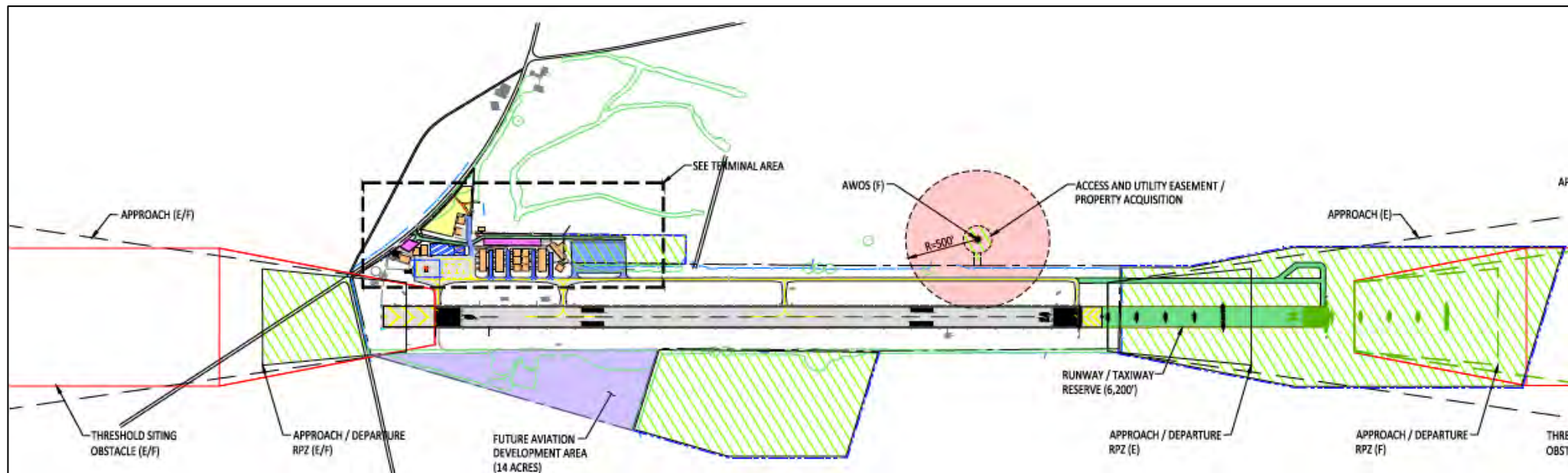
PROJECT SCHEDULE – WHERE ARE WE AT?



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Airside

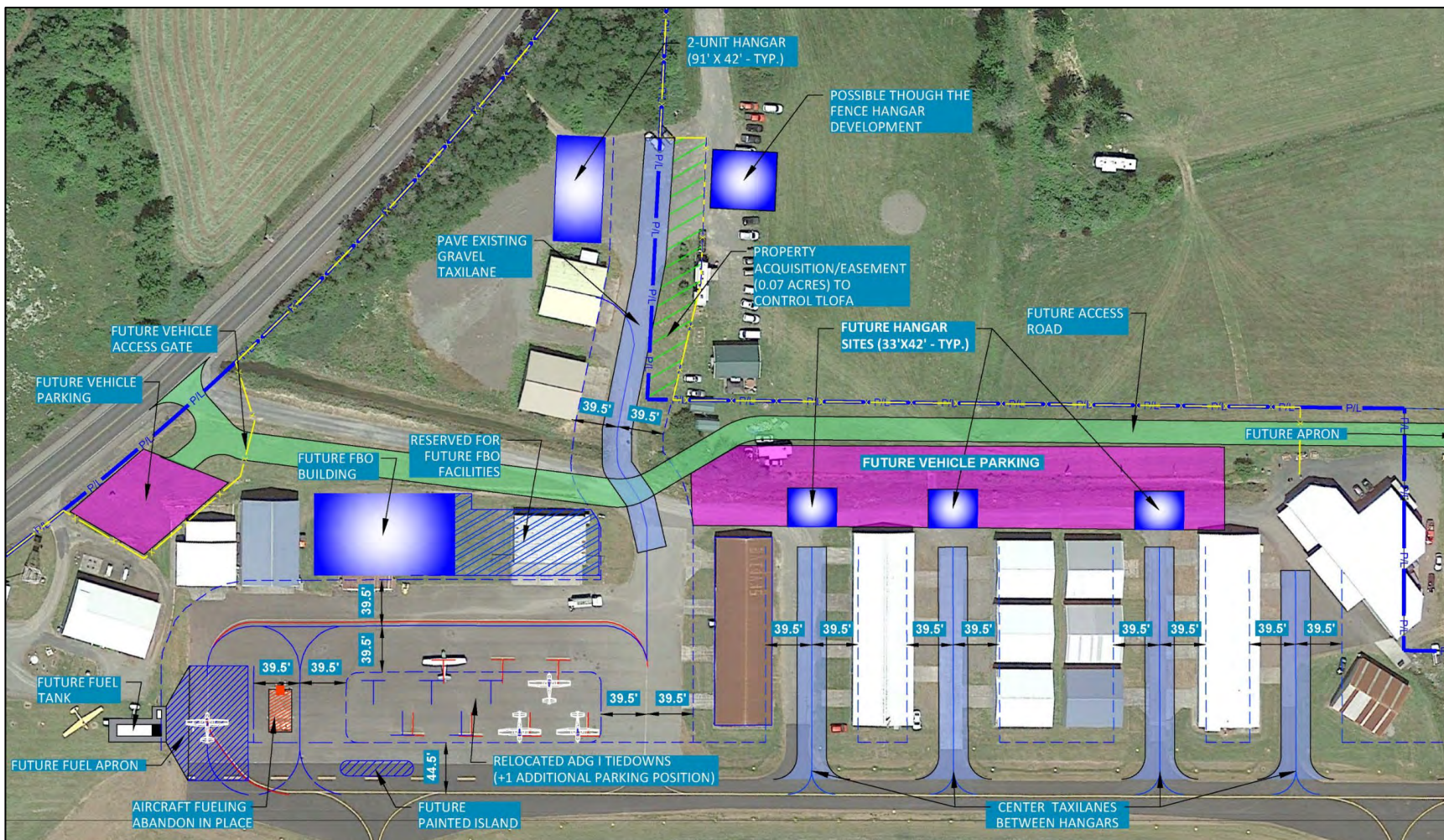
- Airfield Lighting Updates, Weather Observation System
- Pavement Maintenance – Runway, Parallel Taxiway
- Runway/Taxiway Reserves
- Property Acquisition and Development Reserves



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Terminal Area / Landside

- New/Relocated Aircraft Fuel Storage Tanks and Dispensing Area
- Main Apron Reconfiguration
- Taxilane Improvements
- Pavement Maintenance



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Terminal Area / Landside

- Surface Access Upgrades (from Jackson Hwy.)
- Fencing and Gate Upgrades



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Terminal Area

- New Aviation Fuel Storage Tank and Dispensing System
- Main Apron Improvements (relocate fuel island, aircraft parking and taxilane on main apron)



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Terminal Area

- East Hangar Taxilane Upgrades
- North Hangar Taxilane Upgrade
- New Hangar Sites



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Terminal Area

- Infill Development (commercial hangars, FBO facilities, pilot lounge/restrooms, restaurant, etc.)
- Potential Property Acquisition (east of terminal area) for aircraft parking apron
- South “Triangle” Parcel (future hangar development)





CAPITAL IMPROVEMENT PLAN (CIP)

Table 6A. Capital Improvement Program Near-Term (through 2028)

#	FY	Description	Federal \$	State \$	Local \$	Total Cost
I-1	2023	Aircraft Fuel Tank and Fueling Apron	-	\$514,400*	-	\$514,400
I-2	2024	AWOS Environmental & Land Acquisition -Phase I	\$307,076	\$17,060	\$17,060	\$341,196
I-3	2026	AWOS Design & Construction – Phase 2	\$1,260,000	\$70,000	\$70,000	\$1,400,000
I-4	2028	Access Road Align & Perimeter Fencing – Phase I Design	\$300,000	\$16,666	\$16,667	\$333,333
I-5	2028	Main Apron Seal Coat	\$305,780	\$16,988	\$16,988	\$339,756
Near-term Total			\$2,172,856	\$635,114	\$120,715	\$2,928,685

Note: Project costs are planning level estimates in 2023 dollars. Funding source assumptions: Federal/State/Local projects are 90%, 5%, and 5%, respectively. Local can be Lewis County, private, or other. * WSDOT CARB Loan.

RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Longer Term Improvements (6-20 years)

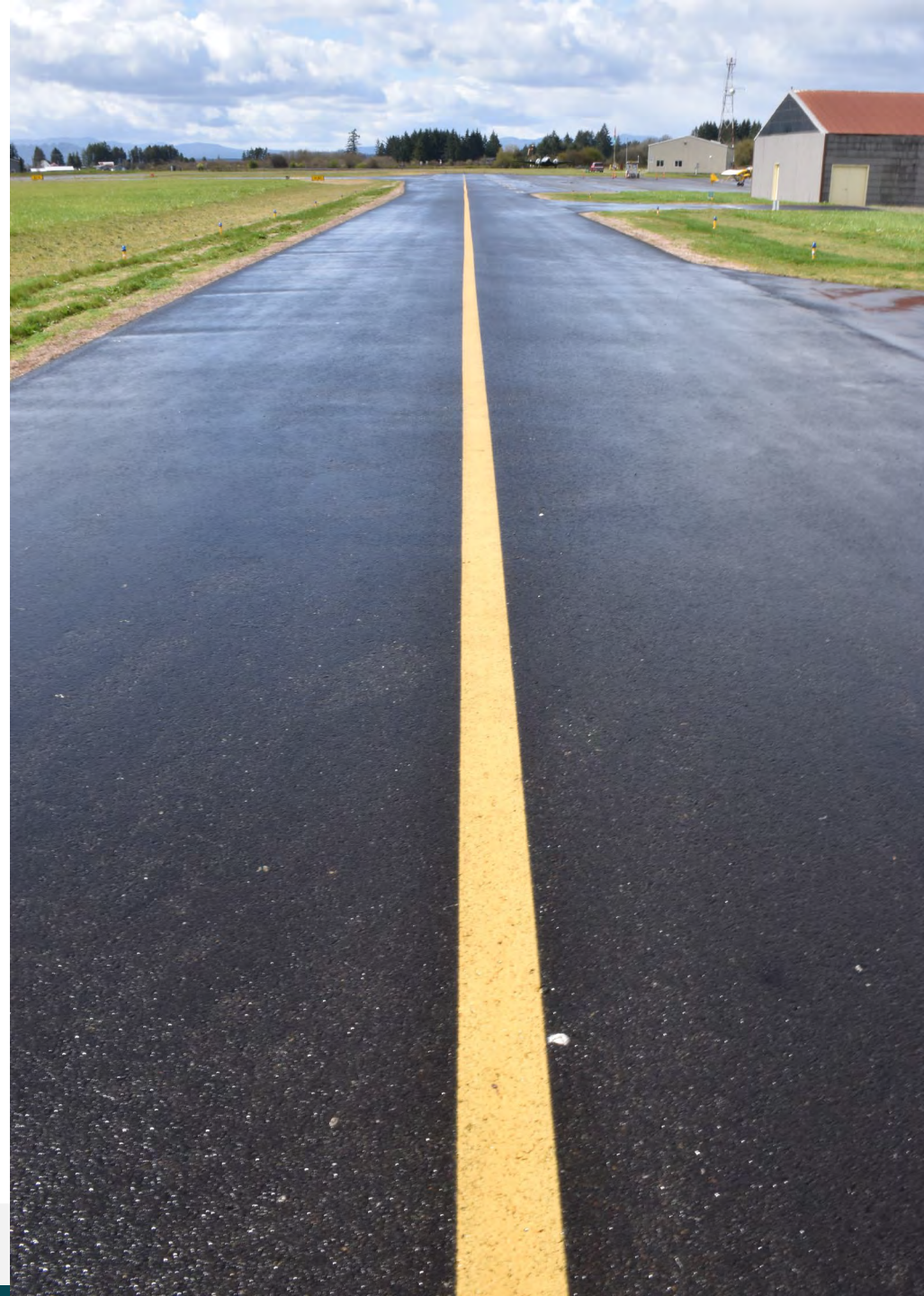
- **\$15.5 million Federal Eligible / \$2.8 million Local / State**
 - Runway Lighting System Replacement (LED)
 - Replacement Airport Beacon (LED) and Supplemental Wind Cone
 - Runway Reconstruction



RECOMMENDED IMPROVEMENTS (2023 UPDATE)

Longer Term Improvements (6-20 years)

- Periodic Pavement Maintenance (crackfill, sealcoat, re-marking)
- Main Apron Overlay
- East Apron Development/Property Acquisition





CAPITAL IMPROVEMENT PLAN (CIP)

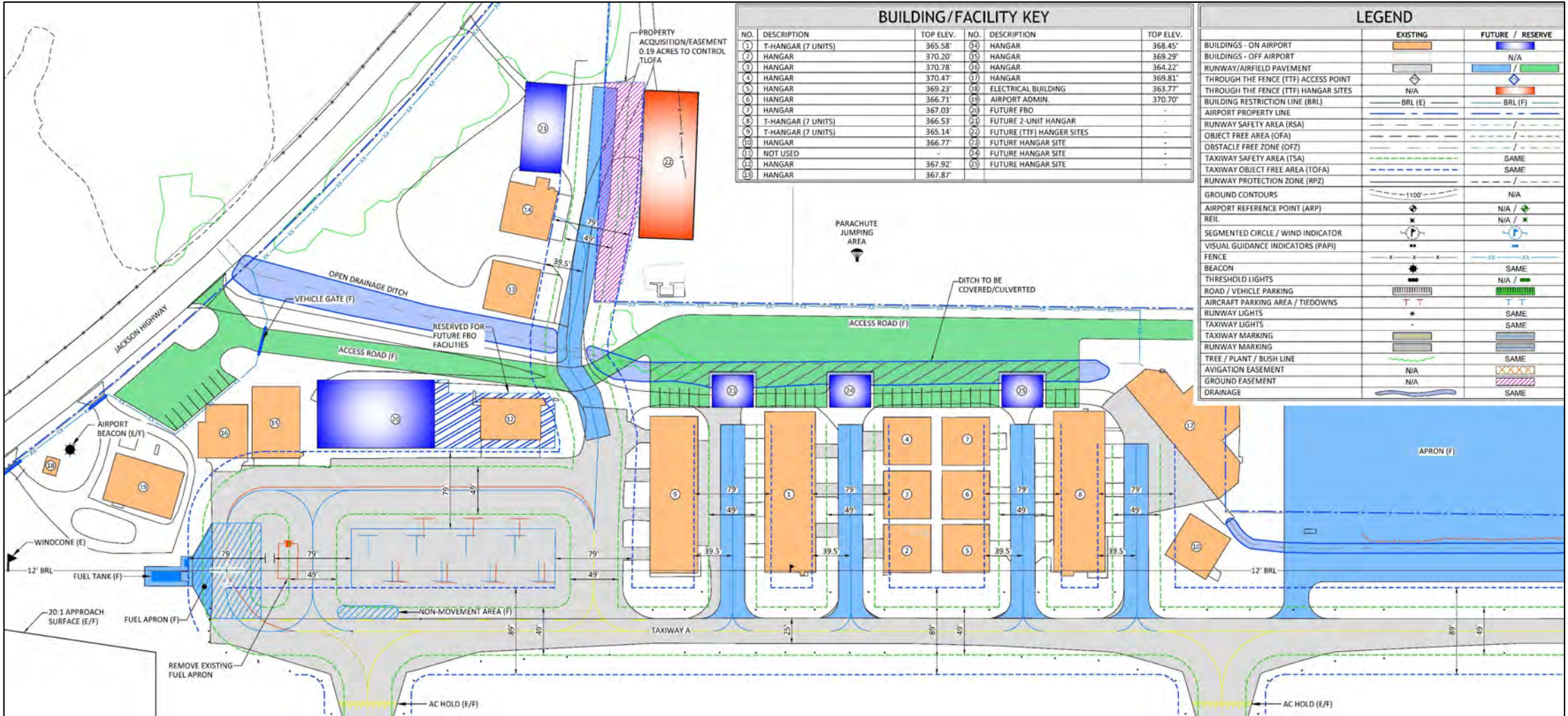
. Capital Improvement Program Intermediate Term (2029-2033)

Description	Federal \$	State \$	Local \$	Total Cost
Taxiway A, A1-A4 Slurry Seal; Markings	\$499,980	\$27,776	\$27,777	\$555,533
Runway Slurry Seal; NPI Markings	\$1,160,782	\$64,488	\$64,488	\$1,289,758
Lighted Wind Cone Replacement (Rwy 6 end)	\$196,812	\$10,934	\$10,934	\$218,680
New Supplemental Lighted Wind Cone (Rwy 24 end)	\$430,047	\$23,891	\$23,892	\$477,830
Main Apron Overlay; Reconfigure Tiedowns and Taxilanes	\$623,714	\$34,651	\$34,651	\$693,016
Hangar Stub Taxilanes (4) Reconstructions	\$1,013,270	\$56,293	\$56,293	\$1,125,856
North Hangar Taxilane Construction/Paving; TLOFA Clearing/Grading, New Perimeter Fencing	\$807,669	\$44,870	\$44,871	\$897,410
Hangar Development	\$0	\$554,591	\$554,592	\$1,109,183
Airport Beacon Replacement (LED)	\$385,317	21,406	21,407	\$428,130
Avigation Easement – Runway 6 RPZ	\$72,000	\$4,000	\$4,000	\$80,000
Replace Runway Lighting System (MIRL – LED)	\$1,346,592	\$74,810	\$74,811	\$1,496,213
Phase II Access Road Realignment, Fencing & Terminal Parking – Environmental/ Design/ Construction	\$1,109,060	\$61,615	\$61,615	\$1,232,290
Land Acquisition – East Terminal Area Apron	\$980,064	\$54,448	\$54,448	\$1,088,960
East Terminal Area Apron Design/ Construction	\$2,268,064	\$126,003	\$126,004	\$2,520,071
Intermediate-Term Total	\$10,893,371	\$1,159,776	\$1,159,783	\$13,212,930

. Capital Improvement Program Long-Term (2032-2042)

Description	Federal \$	State \$	Local \$	Total Cost
Runway Overlay; NPI Markings	\$3,748,731	\$208,263	\$208,263	\$4,165,257
Main Apron Seal Coat Extension Protection	\$305,780	\$16,988	\$16,988	\$339,756
Taxiway A, A-1-A4 Slurry Seal; Markings	\$499,979	\$27,776	\$27,777	\$555,532
Long-term Total	\$4,554,490	\$253,027	\$253,028	\$5,060,545

TERMINAL AREA PLAN





LOOKING AHEAD

- Submit Draft Airport Layout Plan (ALP) set and Draft Airport Master Plan (AMP) Report to Lewis County for review
- Submit Draft ALP to FAA for formal 90+ Day Review
- Submit Draft AMP to FAA for review.
- **Submit Final AMP Report & ALP to Lewis County and FAA for approval (ALP signature).**

QUESTIONS?

David Miller, AICP – dmiller@centurywest.com

Samantha Peterson – speterson@centurywest.com

Mark Burch – mark.burch@lewiscountywa.gov