

SOUTH VALLEY AIRPORT

Final Committee Meeting
U42 Airport Master Plan

SLC DEPARTMENT OF AIRPORTS



RS&H

FEBRUARY | 2024

Agenda

- » Master Plan Schedule
- » Summary of Findings
- » Implementation Plan
- » Last steps



Source: David Birkley,
Flickr



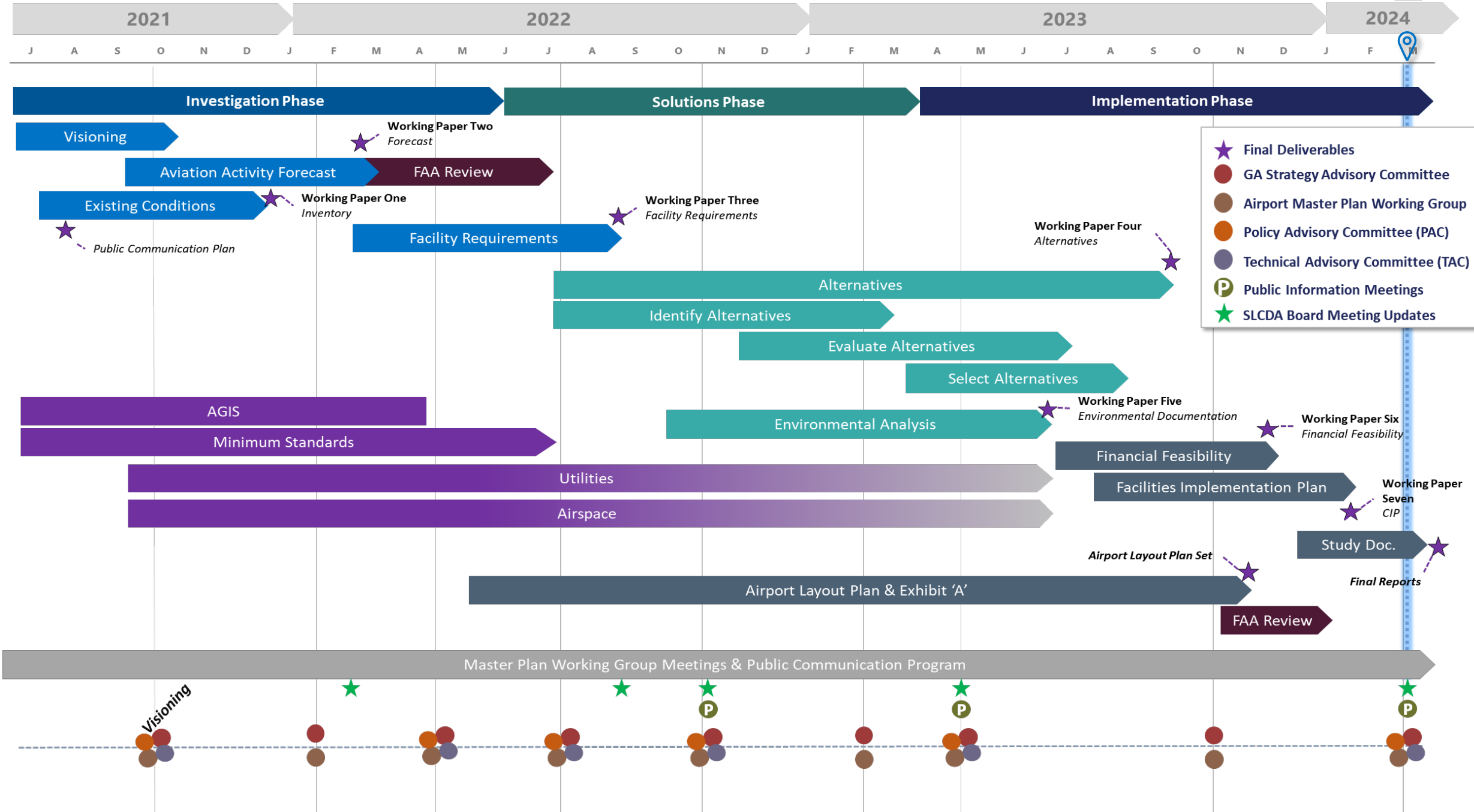
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MASTER PLAN SCHEDULE



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Master Plan Schedule



Deliverables

» Draft report available at
 – <https://slcairport.com/about-the-airport/master-plan/>

Home » About the Airport » Master Plan

Salt Lake City International Airport Master Plan

Welcome to the SLC Master Plan Virtual Engagement Room.

Check out the virtual public information meeting to access a wealth of information about the updated SLC Airport Master Plan, including expert videos, interactive maps and presentations. Please enjoy the exploring the site and let us know if you have any questions.

[Master Plan Documents and Resources](#)

[Virtual Engagement Room](#)

South Valley Regional Master Plan

- SVR Aviation Activity Forecast May 2022
- SVR Inventory of Existing Conditions March 2022
- SVR Stakeholder Visioning February 2022
- SVR Facility Requirements 2022
- SVR Master Plan Open House
- SVR Master Plan Open House Presentation Oct. 18, 2022
- Facebook Live stream from SVR Master Plan Open House Oct. 18, 2022
- Aviation Development Strategy report for South Valley Regional Airport
- SVR Master Plan Open House Presentation April 11, 2023
- Facebook Live stream from SVR Master Plan Open House April 11, 2023
- SVR Identification and Evaluation of Alternatives, August 2023

[Submit SVR Feedback Here](#)

Tooele Valley Master Plan

- TVY Aviation Activity Forecast March 2022
- TVY Inventory of Existing Conditions March 2022
- TVY Stakeholder Visioning February 2022
- TVY Facility Requirements 2022
- TVY Master Plan Open House
- TVY Master Plan Open House Presentation Oct. 20, 2022
- Aviation Development Strategy report for Tooele Valley Airport
- TVY Master Plan open House Presentation April 13, 2023
- Facebook Live Stream for TVY Master Plan Open House April 13, 2023
- TVY Identification and Evaluation of Development Alternatives June 2023

[Submit TVY Feedback Here](#)



Forecast
FAA Approved

Inventory
Draft Complete

Facility Requirements
Draft Complete

RS&H
South Valley
Regional
Airport

Development Alternatives
Draft Complete

Airport Layout Plan
Draft Complete

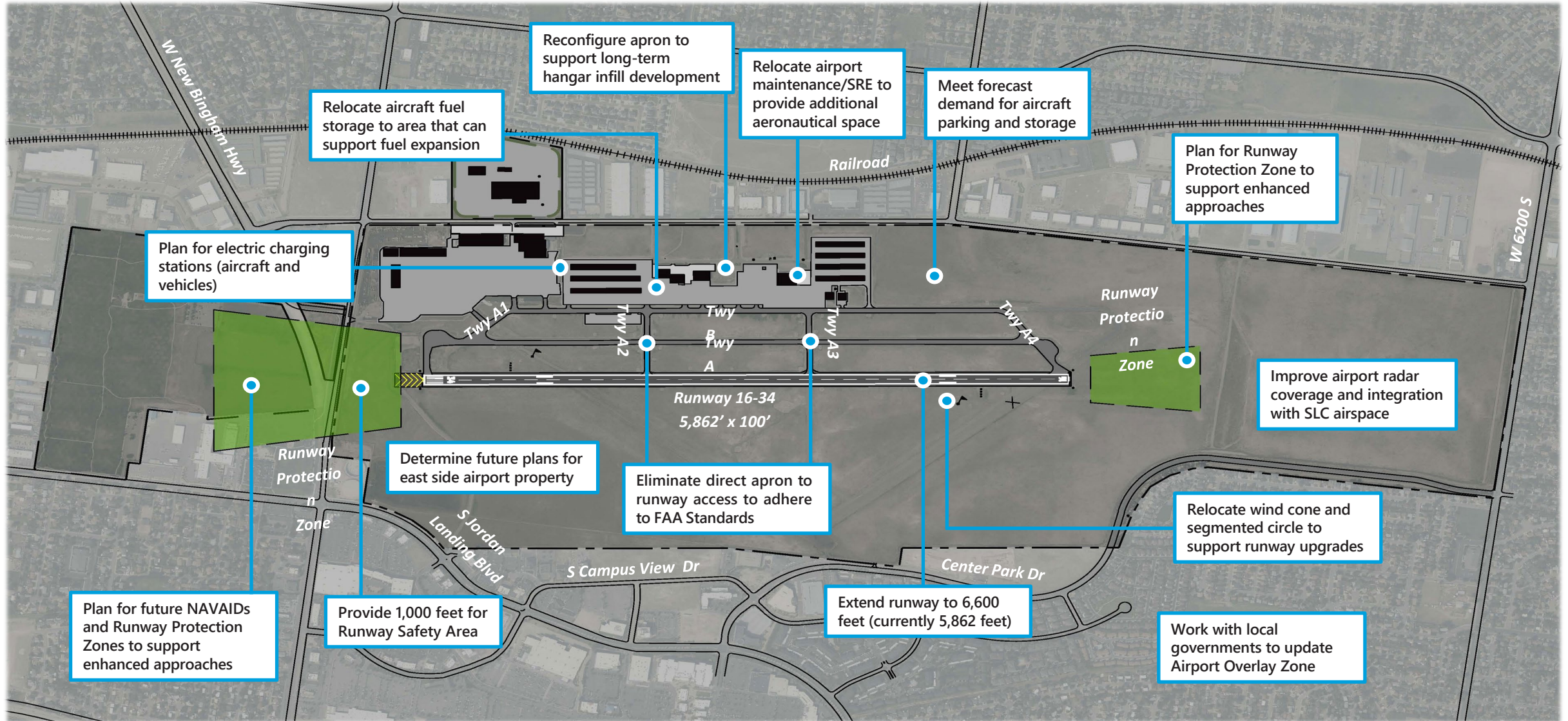
Implementation
In Progress

SUMMARY OF FINDINGS



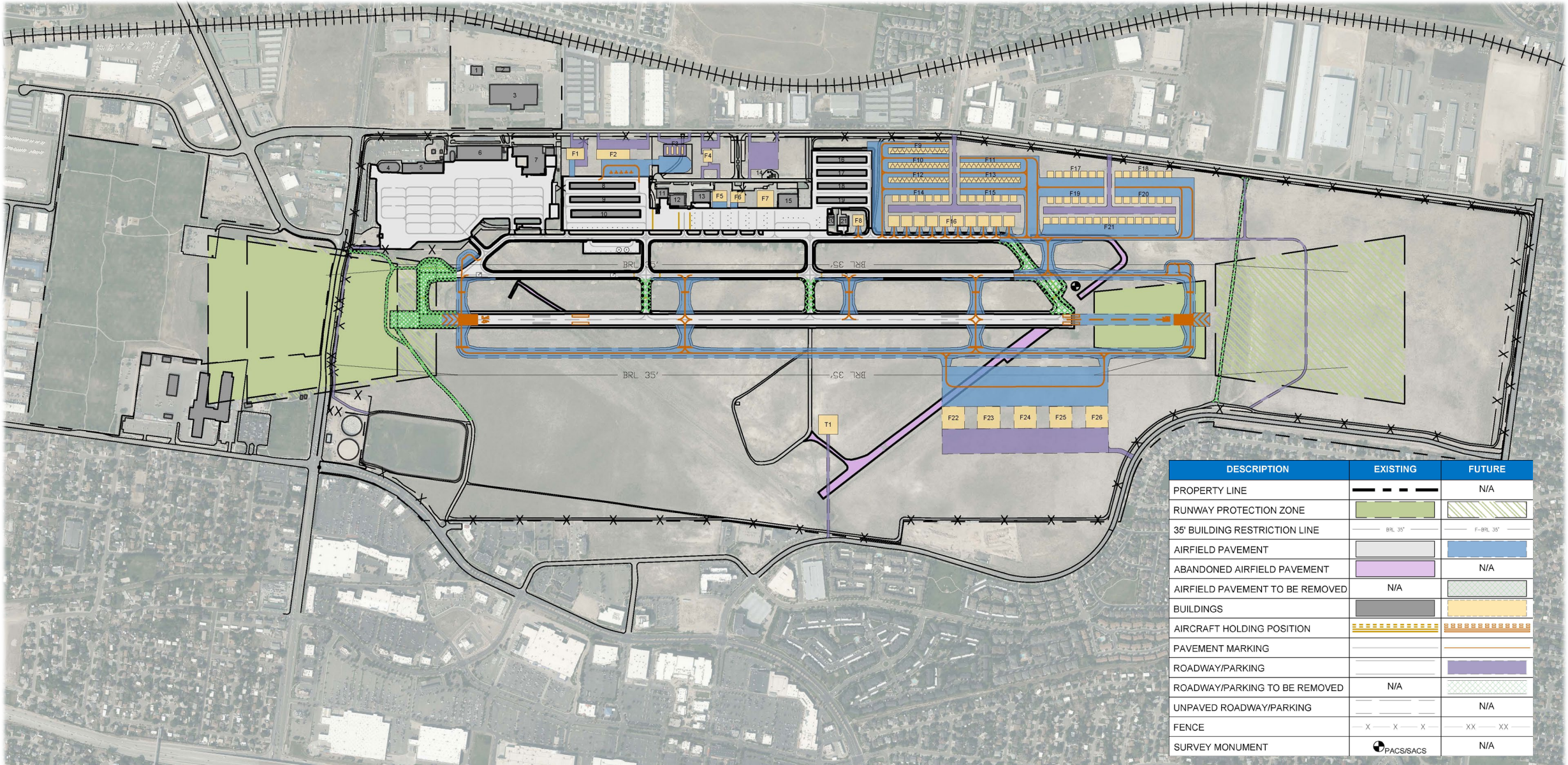


Determine Future Facility Requirements





Preferred Development Plan



DESCRIPTION	EXISTING	FUTURE
PROPERTY LINE	---	N/A
RUNWAY PROTECTION ZONE	Green shaded area	Green hatched area
35' BUILDING RESTRICTION LINE	--- BRL 35'	--- F-BRL 35'
AIRFIELD PAVEMENT	Light grey	Blue
ABANDONED AIRFIELD PAVEMENT	Purple	N/A
AIRFIELD PAVEMENT TO BE REMOVED	N/A	Green hatched area
BUILDINGS	Grey	Yellow
AIRCRAFT HOLDING POSITION	Yellow dashed line	Yellow dashed line
PAVEMENT MARKING	White line	Orange line
ROADWAY/PARKING	White	Purple
ROADWAY/PARKING TO BE REMOVED	N/A	Green hatched area
UNPAVED ROADWAY/PARKING	White	N/A
FENCE	- X - X - X -	- XX - XX -
SURVEY MONUMENT	Circle with cross	N/A

IMPLEMENTATION PLAN



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Capital Improvement Plan



Project Year (FY)	Program	Totals				
		Federal	State	Local	Total Cost	
Near-Term — 2024-2028						
2025	Utility Infrastructure and Site Grading		\$0	\$0	\$10,476,000	\$10,476,000
2025	SW Apron/Taxilane Expansion – Design/Construction	N/A	\$446,000	\$0	\$0	\$446,000
2025	Apron Rehabilitation	N/A	\$750,000	\$46,850	\$203,150	\$1,000,000
2026	Corporate Hangar Apron/Taxiway Connectors - Design/Construction	N/A	\$0	\$0	\$624,000	\$624,000
2026	Air Traffic Control Tower Siting Study	N/A	\$0	\$0	\$225,000	\$225,000
2026	Taxiway A/B Rehabilitation	N/A	\$2,500,000	\$133,523	\$216,478	\$2,850,000
2027	FBO Hangar Apron - Design/Construction	N/A	\$192,500	\$0	\$192,500	\$385,000
2027	Perimeter Fence Replacement	N/A	\$337,500	\$32,795	\$329,705	\$700,000
2027	NW Access Roadway/Auto Parking (Ph. I) - Design/Construction	N/A	\$0	\$0	\$1,165,000	\$1,165,000
2028	NW Apron/Taxilane Expansion (Ph. I) – Design/Construction	N/A	\$1,881,360	\$0	\$731,640	\$2,613,000
2028	T-Hangar (Row "E") – Design/Construction	N/A	\$0	\$0	\$6,600,000	\$6,600,000
Near-Term Total			\$6,110,000	\$220,000	\$20,770,000	\$27,090,000
Mid-Term — 2029-2033						
2029	Taxiway A4 Realignment - Design/Construction	N/A	\$898,200	\$0	\$99,800	\$998,000
2029	NW Apron/Taxilane Expansion (Ph. II) – Design/Construction	N/A	\$1,625,760	\$0	\$632,240	\$2,258,000
2030	Air Traffic Control Tower - Design/Construction	N/A	\$6,868,125	\$0	\$3,306,875	\$10,175,000
2030	Airport Entrance Roadway/Auto Parking - Design/Construction	N/A	\$0	\$0	\$1,029,000	\$1,029,000
2031	Maintenance/Operations Building Roadway/Auto Parking - Design/Construction	N/A	\$0	\$0	\$399,000	\$399,000
2031	Maintenance/Operations Building Airside Pavement - Design/Construction	N/A	\$0	\$0	\$112,000	\$112,000
2031	Maintenance/Operations Building - Design/Construction	N/A	\$0	\$0	\$10,626,000	\$10,626,000
2031	General Aviation Apron Expansion – Design/Construction	N/A	\$723,600	\$0	\$80,400	\$804,000
2033	Fuel Farm Access Roadway/Auto Parking – Design/Construction	N/A	\$0	\$0	\$472,000	\$472,000
2033	Fuel Farm – Design/Construction	N/A	\$150,000	\$0	\$123,000	\$273,000
2034	Administration Building Roadway/Auto Parking – Design/Construction	N/A	\$0	\$0	\$457,000	\$457,000
2034	Administration Building – Design/Construction	N/A	\$150,000	\$0	\$5,542,500	\$5,692,500
Mid-Term Total			\$10,420,000	\$0	\$22,880,000	\$33,300,000
Long-Term — 2034-2043						
2035	Extend Runway 16-34 and Taxiway B to 6,600' - Environmental Assessment	Runway 16-34 Extension Program	\$315,000	\$0	\$35,000	\$350,000
2036	Extend Runway 16-34 and Taxiway B to 6,600' – Design/Construction	Runway 16-34 Extension Program	\$21,448,800	\$0	\$2,383,200	\$23,832,000
2037	Airport Master Plan Update	N/A	\$810,000	\$0	\$90,000	\$900,000
2038	NW Apron/Taxilane Expansion (Ph. III) – Design/Construction	N/A	\$1,874,160	\$0	\$728,840	\$2,603,000
2039	NW Apron/Taxilane Expansion (Ph. IV) – Design/Construction	N/A	\$900,000	\$0	\$350,000	\$1,250,000
2040	NW Access Roadway/Auto Parking (Ph. II) - Design/Construction	N/A	\$0	\$0	\$550,000	\$550,000
Long-Term Total			\$25,350,000	\$0	\$4,140,000	\$29,490,000
Total			\$41,880,000	\$220,000	\$47,790,000	\$89,870,000

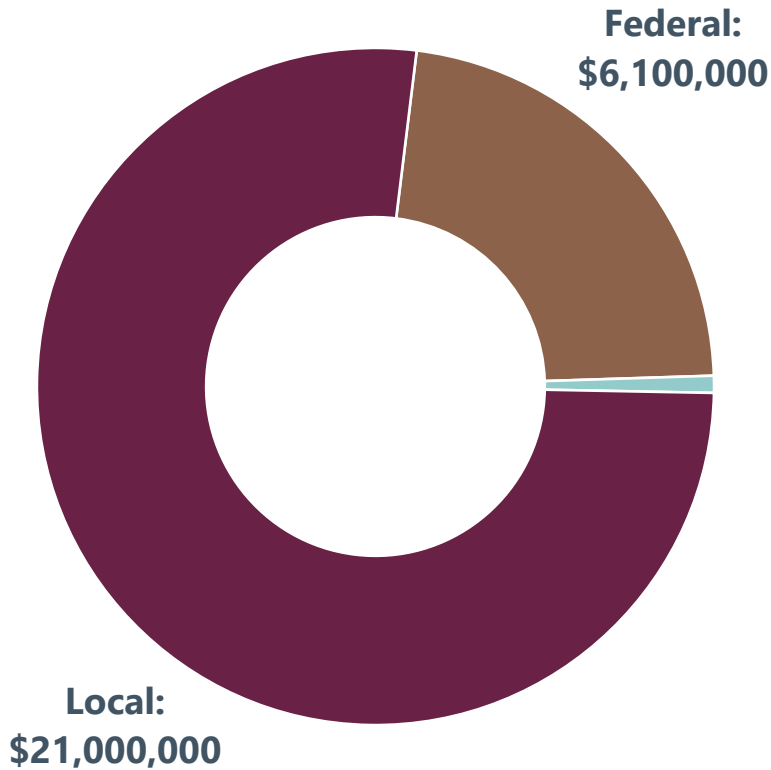
AIP Entitlement	Federal Funding			State Funding	Local Funding
	AIP Discretionary	State Apportionment	BIL	UDOA	SLCDA
\$0	\$0	\$0	\$0	\$0	\$10,476,000
\$401,400	\$44,600	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$750,000	\$46,850	\$203,150
\$0	\$0	\$0	\$0	\$0	\$624,000
\$0	\$0	\$0	\$0	\$0	\$225,000
\$0	\$2,500,000	\$0	\$0	\$133,523	\$216,478
\$192,500	\$0	\$0	\$0	\$0	\$192,500
\$0	\$0	\$0	\$337,500	\$32,795	\$329,705
\$0	\$0	\$0	\$0	\$0	\$1,165,000
\$156,100	\$1,725,260	\$0	\$0	\$0	\$731,640
\$0	\$0	\$0	\$0	\$0	\$6,600,000
\$750,000	\$4,270,000	\$0	\$1,090,000	\$220,000	\$20,770,000
Mid-Term — 2029-2033					
\$150,000	\$748,200	\$0	\$0	\$0	\$99,800
\$0	\$1,625,760	\$0	\$0	\$0	\$632,240
\$150,000	\$6,718,125	\$0	\$0	\$0	\$3,306,875
\$0	\$0	\$0	\$0	\$0	\$1,029,000
\$0	\$0	\$0	\$0	\$0	\$399,000
\$0	\$0	\$0	\$0	\$0	\$112,000
\$0	\$0	\$0	\$0	\$0	\$10,626,000
\$150,000	\$573,600	\$0	\$0	\$0	\$80,400
\$0	\$0	\$0	\$0	\$0	\$472,000
\$150,000	\$0	\$0	\$0	\$0	\$123,000
\$0	\$0	\$0	\$0	\$0	\$457,000
\$150,000	\$0	\$0	\$0	\$0	\$5,542,500
\$750,000	\$9,670,000	\$0	\$0	\$0	\$22,880,000
Long-Term — 2034-2043					
\$150,000	\$165,000	\$0	\$0	\$0	\$35,000
\$150,000	\$21,298,800	\$0	\$0	\$0	\$2,383,200
\$90,000	\$720,000	\$0	\$0	\$0	\$90,000
\$150,000	\$1,724,160	\$0	\$0	\$0	\$728,840
\$150,000	\$750,000	\$0	\$0	\$0	\$350,000
\$0	\$0	\$0	\$0	\$0	\$550,000
\$690,000	\$24,660,000	\$0	\$0	\$0	\$4,140,000
\$2,190,000	\$38,600,000	\$0	\$1,090,000	\$220,000	\$47,790,000



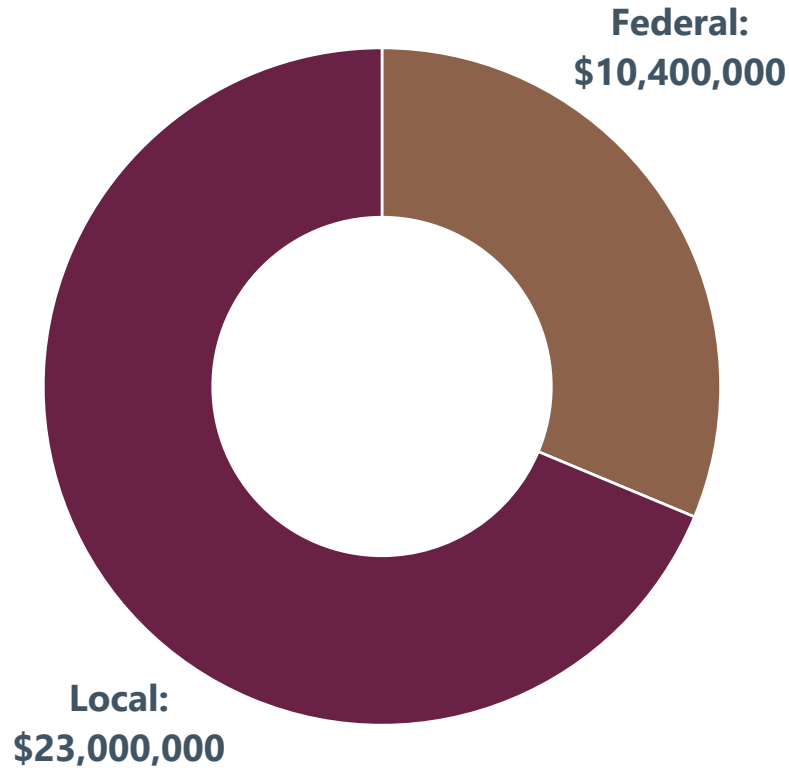
Funding Breakdown By Source



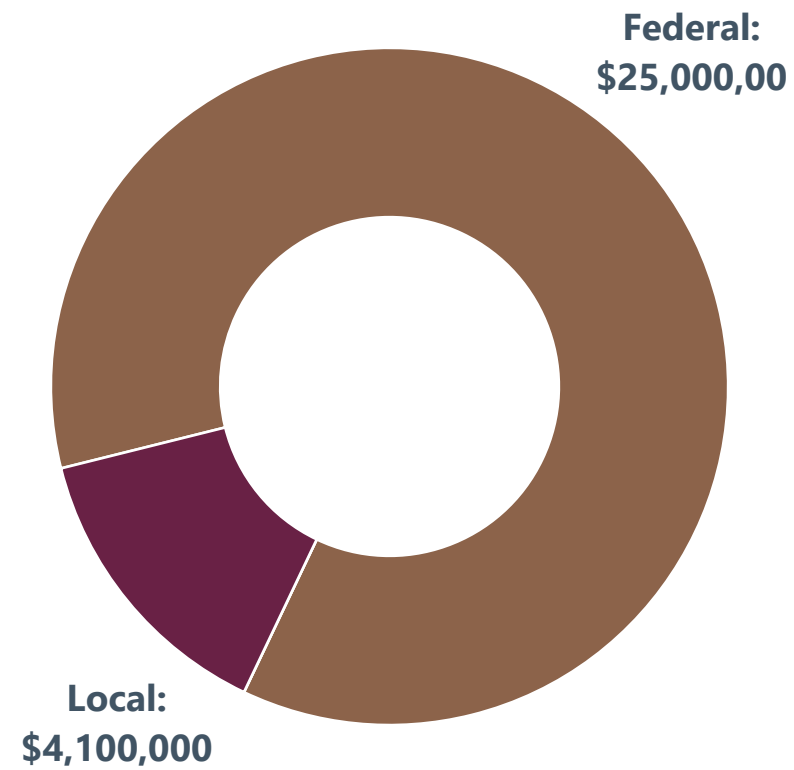
**Near-Term
(2024-2028)**



**Mid-Term
(2029-2033)**

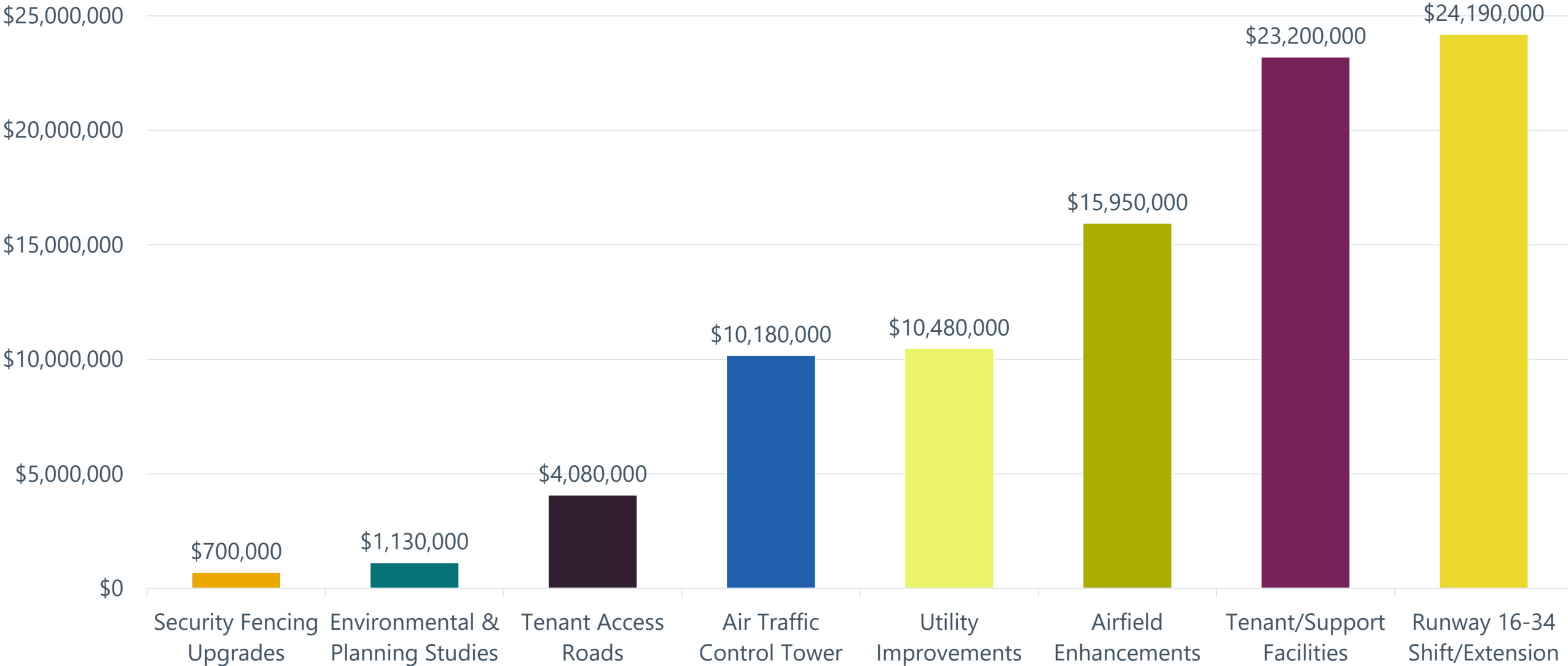


**Long-Term
(2034-2043)**





Funding Breakdown By Category

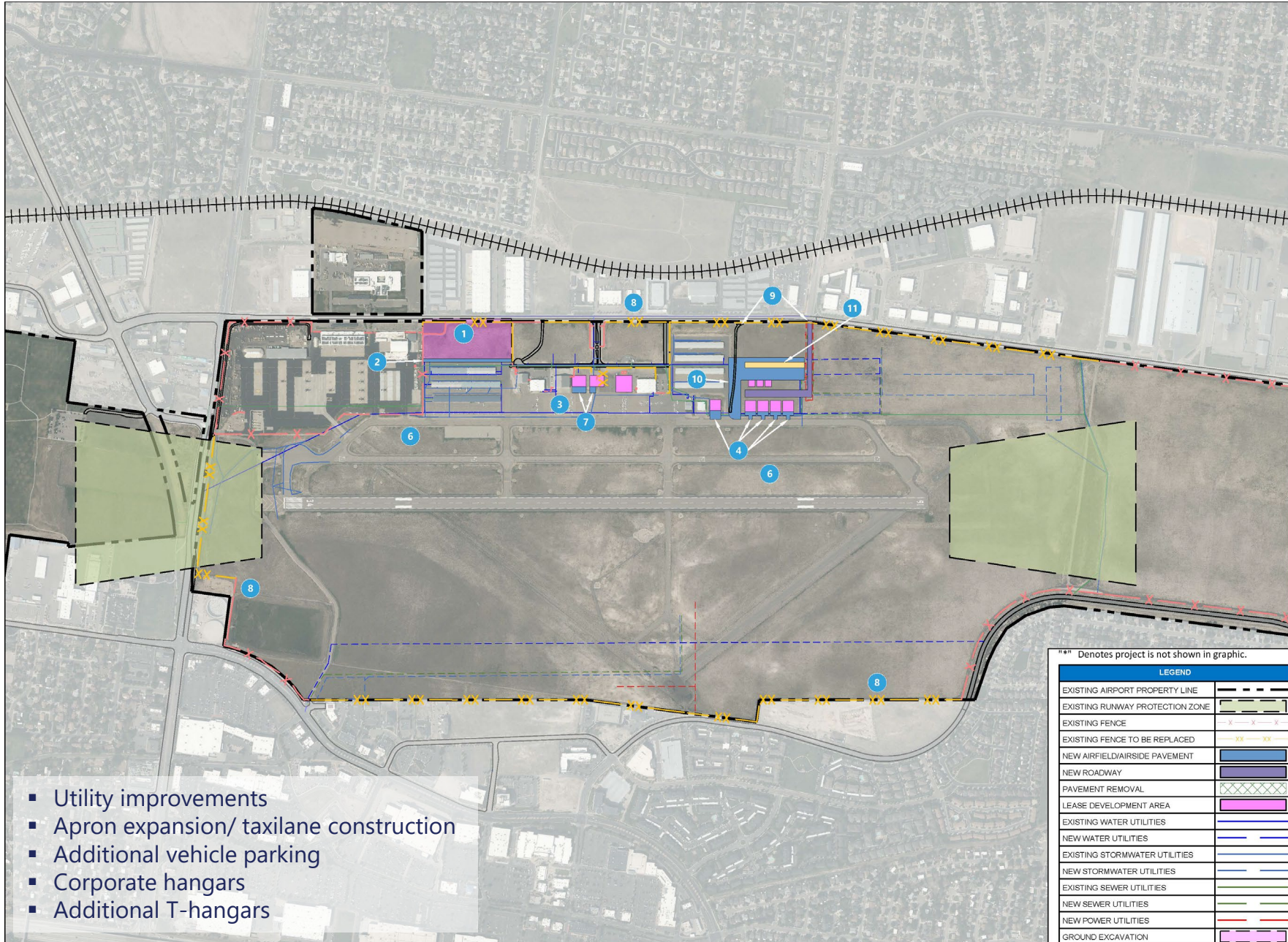


Near-Term Development Phase

South Valley Regional Airport Development Phasing Plan

NEAR-TERM PROJECTS (2024-2028)

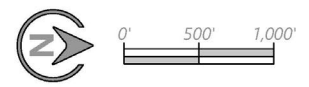
- 1 Utility Infrastructure and Site Grading
- 2 SW Apron/Taxilane Expansion
- 3 Apron Rehabilitation
- 4 Corporate Hangar Apron/Taxiway Connectors
- 5 Air Traffic Control Tower Siting Study*
- 6 Taxiway A/B Rehabilitation
- 7 FBO Hangar Apron
- 8 Perimeter Fence Replacement
- 9 NW Access Roadway/Auto Parking (Ph. I)
- 10 NW Apron/Taxilane Expansion (Ph. I)
- 11 T-Hangar (Row "E")



- Utility improvements
- Apron expansion/ taxilane construction
- Additional vehicle parking
- Corporate hangars
- Additional T-hangars

*** Denotes project is not shown in graphic.

LEGEND	
EXISTING AIRPORT PROPERTY LINE	---
EXISTING RUNWAY PROTECTION ZONE	---
EXISTING FENCE	-x-x-x-
EXISTING FENCE TO BE REPLACED	xy-xy
NEW AIRFIELD/AIRSIDE PAVEMENT	▒
NEW ROADWAY	▒
PAVEMENT REMOVAL	▒
LEASE DEVELOPMENT AREA	▒
EXISTING WATER UTILITIES	---
NEW WATER UTILITIES	---
EXISTING STORMWATER UTILITIES	---
NEW STORMWATER UTILITIES	---
EXISTING SEWER UTILITIES	---
NEW SEWER UTILITIES	---
NEW POWER UTILITIES	---
GROUND EXCAVATION	▒



Mid-Term Development Phase

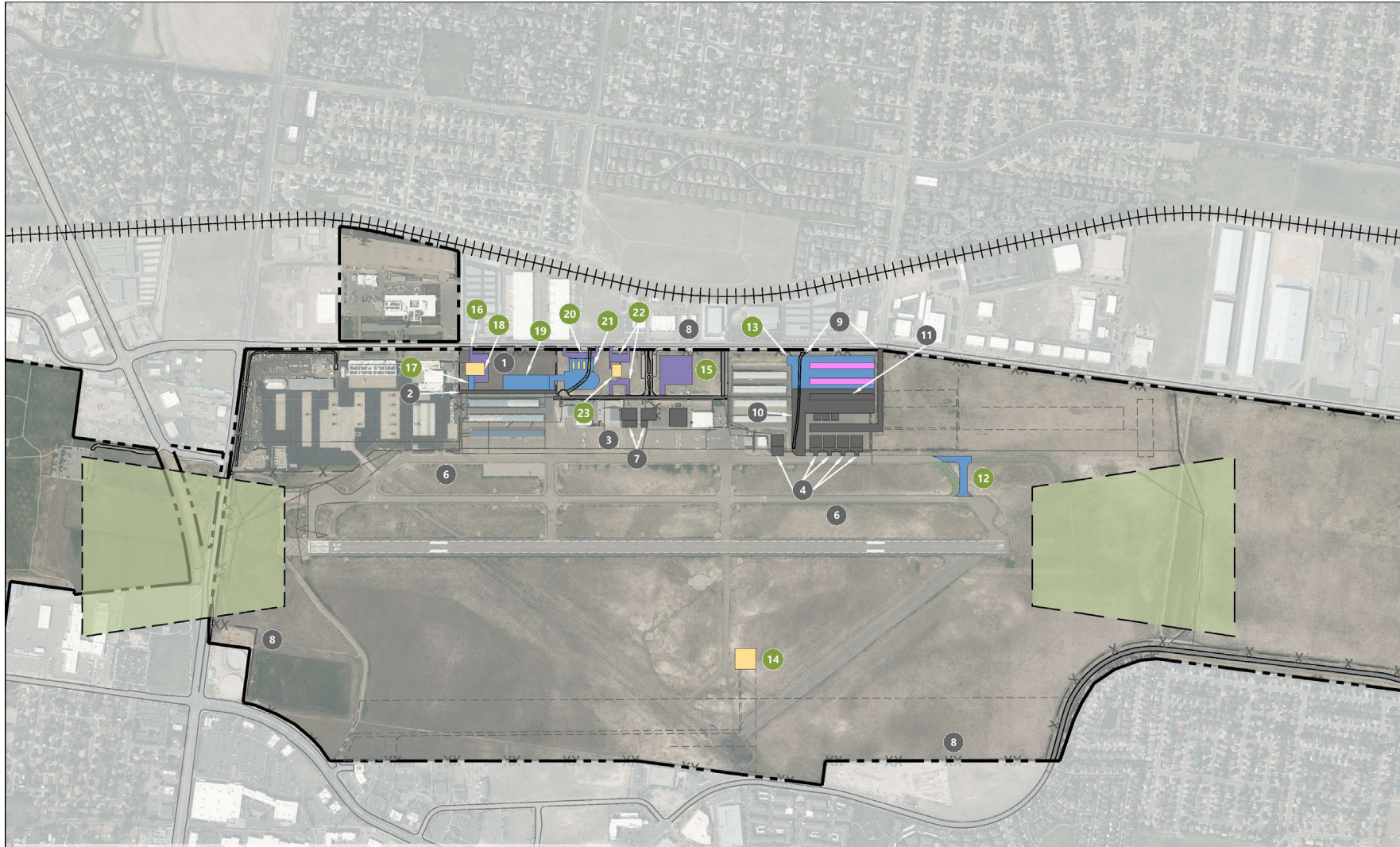
South Valley Regional Airport Development Phasing Plan

NEAR-TERM PROJECTS (2024-2028)

- 1 Utility Infrastructure and Site Grading
- 2 SW Apron/Taxilane Expansion
- 3 Apron Rehabilitation
- 4 Corporate Hangar Apron/Taxiway Connectors
- 5 Air Traffic Control Tower Siting Study*
- 6 Taxiway A/B Rehabilitation
- 7 FBO Hangar Apron
- 8 Perimeter Fence Replacement
- 9 NW Access Roadway/Auto Parking (Ph. I)
- 10 NW Apron/Taxilane Expansion (Ph. I)
- 11 T-Hangar (Row "E")

MID-TERM PROJECTS (2029-2033)

- 12 Taxiway A4 Realignment
- 13 NW Apron/Taxilane Expansion (Ph. II)
- 14 Air Traffic Control Tower
- 15 Airport Entrance Roadway/Auto Parking
- 16 Mx/Ops Building Roadway/Auto Parking
- 17 Mx/Ops Building Airside Pavement
- 18 Mx/Ops Building
- 19 GA Apron Expansion
- 20 Fuel Farm Access Roadway/Auto Parking
- 21 Fuel Farm
- 22 Administration Building Roadway/Auto Parking
- 23 Administration Building



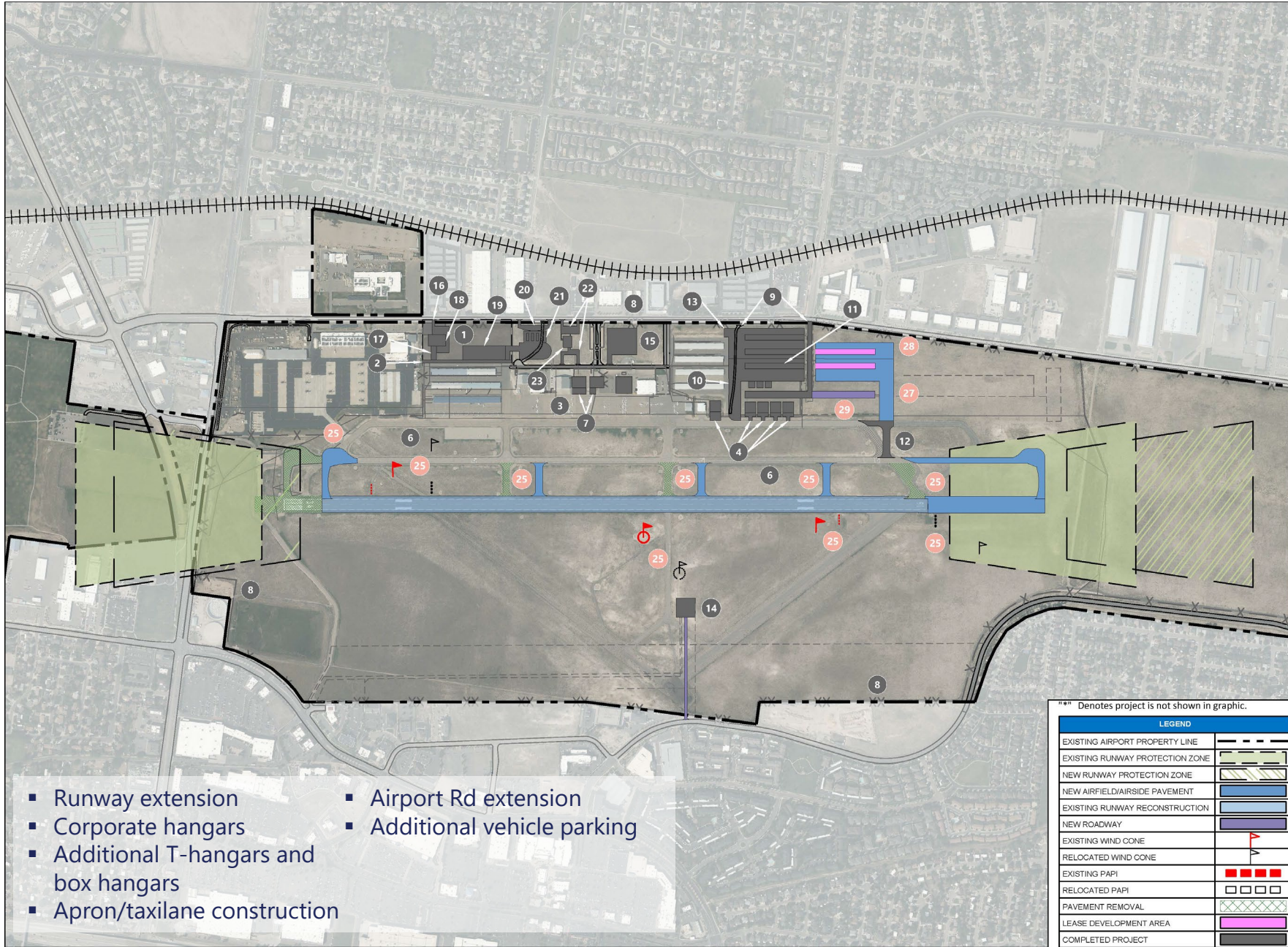
- Potential ATCT
- Corporate hangars
- Additional T-hangars and box hangars
- Utility improvements
- Apron rehabilitation
- Taxiway A construction
- Additional vehicle parking

* ** Denotes project is not shown in graphic.

LEGEND	
EXISTING AIRPORT PROPERTY LINE	---
EXISTING RUNWAY PROTECTION ZONE	▨
NEW AIRFIELD/AIRSIDE PAVEMENT	■
NEW ROADWAY	■
NEW BUILDING/FUEL TANK	■
PAVEMENT REMOVAL	▨
LEASE DEVELOPMENT AREA	■
COMPLETED PROJECT	■



Long-Term Development Phase



- Runway extension
- Corporate hangars
- Additional T-hangars and box hangars
- Apron/taxilane construction
- Airport Rd extension
- Additional vehicle parking

South Valley Regional Airport Development Phasing Plan

NEAR-TERM PROJECTS (2024-2028)

- 1 Utility Infrastructure and Site Grading
- 2 SW Apron/Taxilane Expansion
- 3 Apron Rehabilitation
- 4 Corporate Hangar Apron/Taxiway Connectors
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MID-TERM PROJECTS (2029-2033)

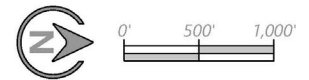
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- 16 Mx/Ops Building Roadway/Auto Parking
- 17 Mx/Ops Building Airside Pavement
- 18 Mx/Ops Building
- 19 GA Apron Expansion
- 20 Fuel Farm Access Roadway/Auto Parking
- 21 Fuel Farm
- 22 Administration Building Roadway/Auto Parking
- 23 Administration Building

LONG-TERM PROJECTS (2034-2043)

- 24 Extend Runway 16-34 and Taxiway B to 6,600' - Environmental Assessment*
- 25 Extend Runway 16-34 and Taxiway B to 6,600'
- 26 Master Plan Update*
- 27 NW Apron/Taxilane Expansion (Ph. III)
- 28 NW Apron/Taxilane Expansion (Ph. IV)
- 29 NW Access Roadway/Auto Parking (Ph. II)

* ** Denotes project is not shown in graphic.

LEGEND	
EXISTING AIRPORT PROPERTY LINE	---
EXISTING RUNWAY PROTECTION ZONE	Green hatched
NEW RUNWAY PROTECTION ZONE	Blue hatched
NEW AIRFIELD/AIRSIDE PAVEMENT	Blue solid
EXISTING RUNWAY RECONSTRUCTION	Light blue solid
NEW ROADWAY	Purple solid
EXISTING WIND CONE	Red flag
RELOCATED WIND CONE	White flag
EXISTING PAPI	Red squares
RELOCATED PAPI	White squares
PAVEMENT REMOVAL	White hatched
LEASE DEVELOPMENT AREA	Pink solid
COMPLETED PROJECT	Grey solid



LAST STEPS



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FUTURE AVIATION TRENDS



Source: Delta Air Lines

Aircraft and Vehicle Electrification



Source: Eviation

Urban Air Mobility (UAM)



Source: Beta Technologies

Sustainable Aviation Fuels (SAF)



"Delta's core ground support equipment (GSE) fleet needed to turn aircraft at SLCIA is nearing 100% electric."
- May 2023

Scan to learn more about how Delta is focusing on sustainable energy across its fleet.

A Path to a Lead-Free Aviation System

Source: Federal Aviation Administration

AvGas Lead Elimination



Eliminate Aviation Gasoline Lead Emissions (EAGLE)

Electric Vertical Takeoff and Landing (eVTOL)



Advanced Air Mobility (AAM)

Source: Joby Aviation

Autonomous Aircraft and Vehicles



Scan to learn more about how FAA is partnering with the aviation community to safely eliminate leaded aviation fuels in piston-engine aircraft by the end of 2030.



Sustainable Microgrids and Clean Energy

Last Steps

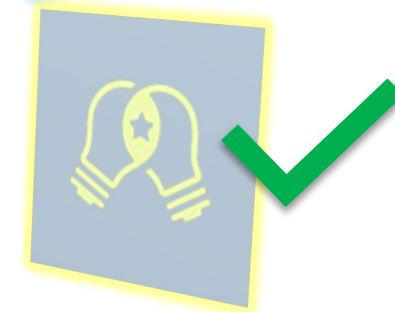
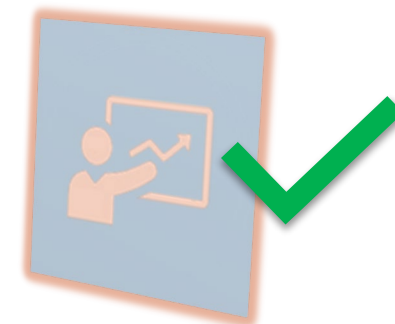
- » Stakeholder outreach (PAC, TAC, AWG, and PIM)
- » Finalize implementation and financial planning
- » FAA Approval of Airport Layout Plan and Exhibit 'A' Property Map
- » Deliver final documentation
- » Support advanced planning efforts and NEPA strategy

Thank you!

- » On behalf of the entire team, thank you for your knowledge, support and engagement.

You helped create a plan that . . .

- Provides guidelines for future development.
- Satisfies future aviation demand.
- Is financially feasible.
- Identifies and responds to environmental and socioeconomic conditions.



THANK YOU

QUESTIONS?



SLC INTERNATIONAL
SOUTH VALLEY REGIONAL
TOOELE VALLEY

