

# Stakeholder Advisory Panel

2040 Long-Term Comprehensive Plan (LTP) Update  
Flying Cloud Airport (FCM)

November 1, 2023



# Welcome Remarks



**Joe Harris**

Metropolitan Airports Commission (MAC)  
Director of Reliever Airports



# Agenda

- Goals, Objectives, and Project Schedule
- Long-Term Plan Review
- Preliminary Draft Preferred Alternative
- Tenant Listening Session / Open Discussion
- Next Steps / Schedule

Meeting Agenda and Presentation are available at:

[metroairports.org/fcm-long-term-plan-documents-and-links](https://metroairports.org/fcm-long-term-plan-documents-and-links)



# Goals, Objectives, and Project Schedule



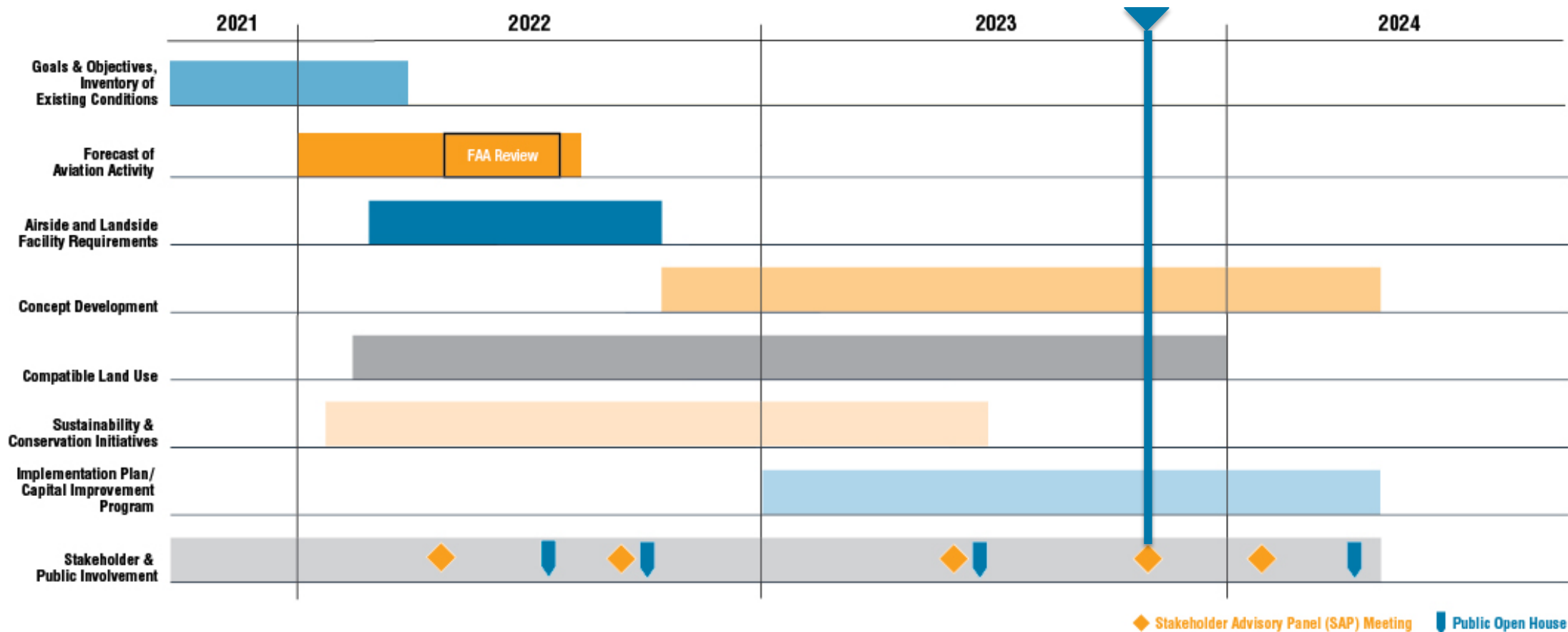
# Goals and Objectives

1. Enhance airport safety
2. Preserve and, if possible, improve operational capabilities for the current aircraft using the airport
3. Promote financial stability of the MAC Reliever Airport system by exploring revenue opportunities for aeronautical and non-aeronautical development





# Metropolitan Airports Commission (MAC) Flying Cloud Airport (FCM) 2040 Long-Term Plan (LTP) Schedule



Updated: October 2023 - Timeline is subject to change.





# Long-Term Plan Review



# Review of SAP meetings

- SAP #1 – April 2022 – Existing Conditions + Forecast Preview
- SAP #2 – October 2022 – Noise Primer + Requirements
- SAP #3 – May 2023 – Airfield Alternatives
- **SAP #4 – November 2023 – Preview of Preliminary Draft Preferred Plan (Seek Tenant Input)**
- SAP #5 – Early 2024 – Preferred Plan + Implementation





# Evolution of the Long-Term Plan

- Identified need to upgrade Runway 10R-28L to C-II safety standards
- Forecast approved by the FAA in January 2023
  - Slow growth in overall aircraft operations
  - Increase in small jet operations offset by decrease in single engine operations
- Tenants voiced need for hangar development areas
- Runway alternatives discussion resulted in EMAS both ends alternative
- Other airfield enhancements and support facilities identified
- Remaining areas to be optimized for tenant improvements

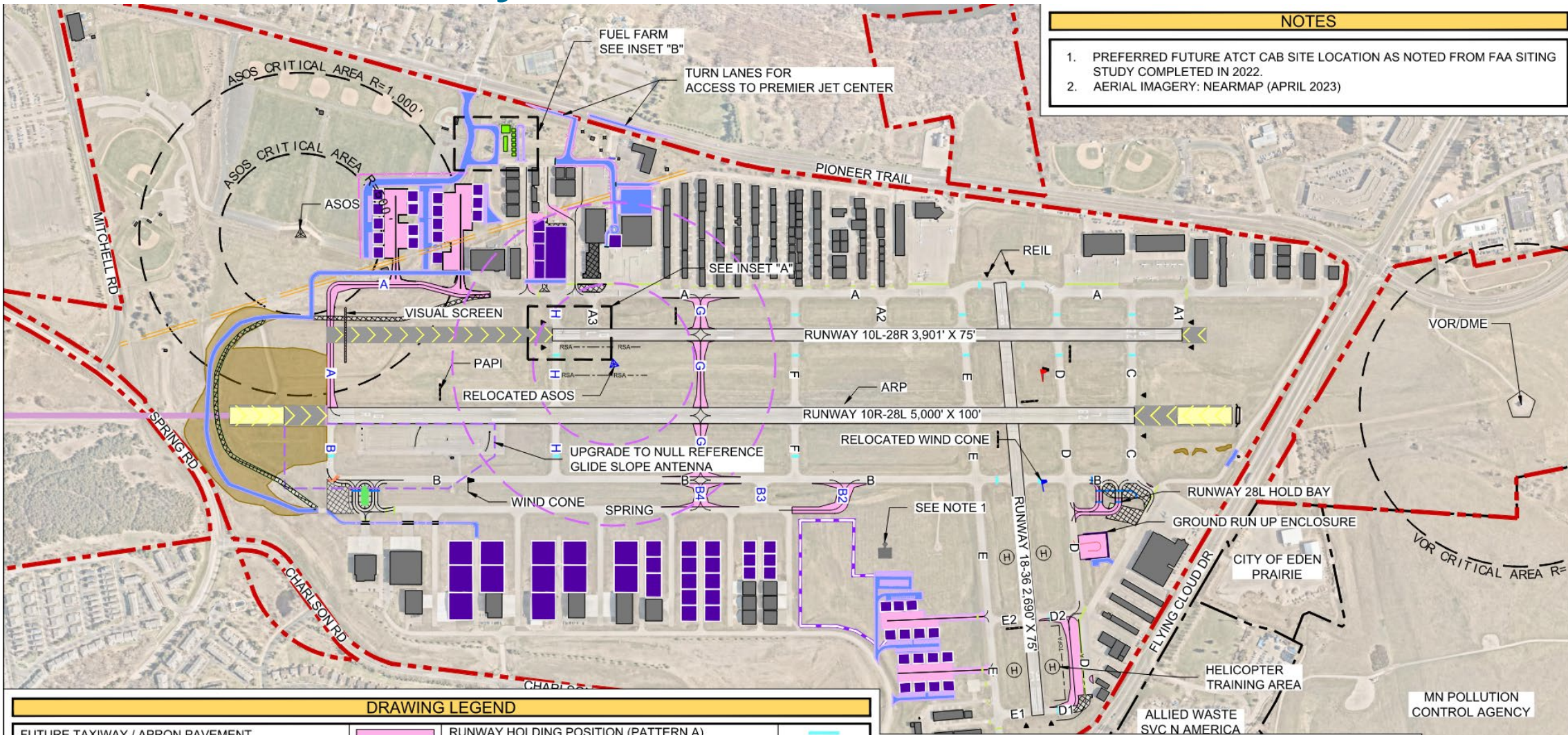


# Preliminary Draft Preferred Alternative



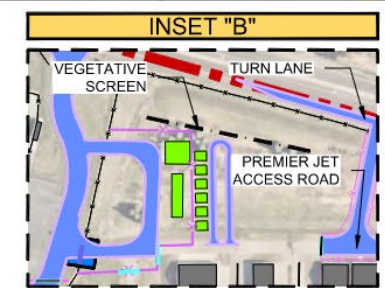
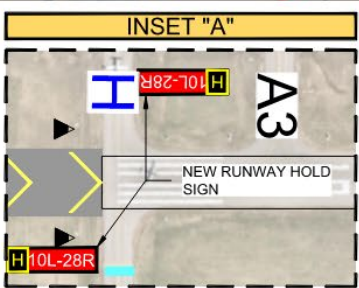


# Preliminary Draft Preferred Alternative – Overall



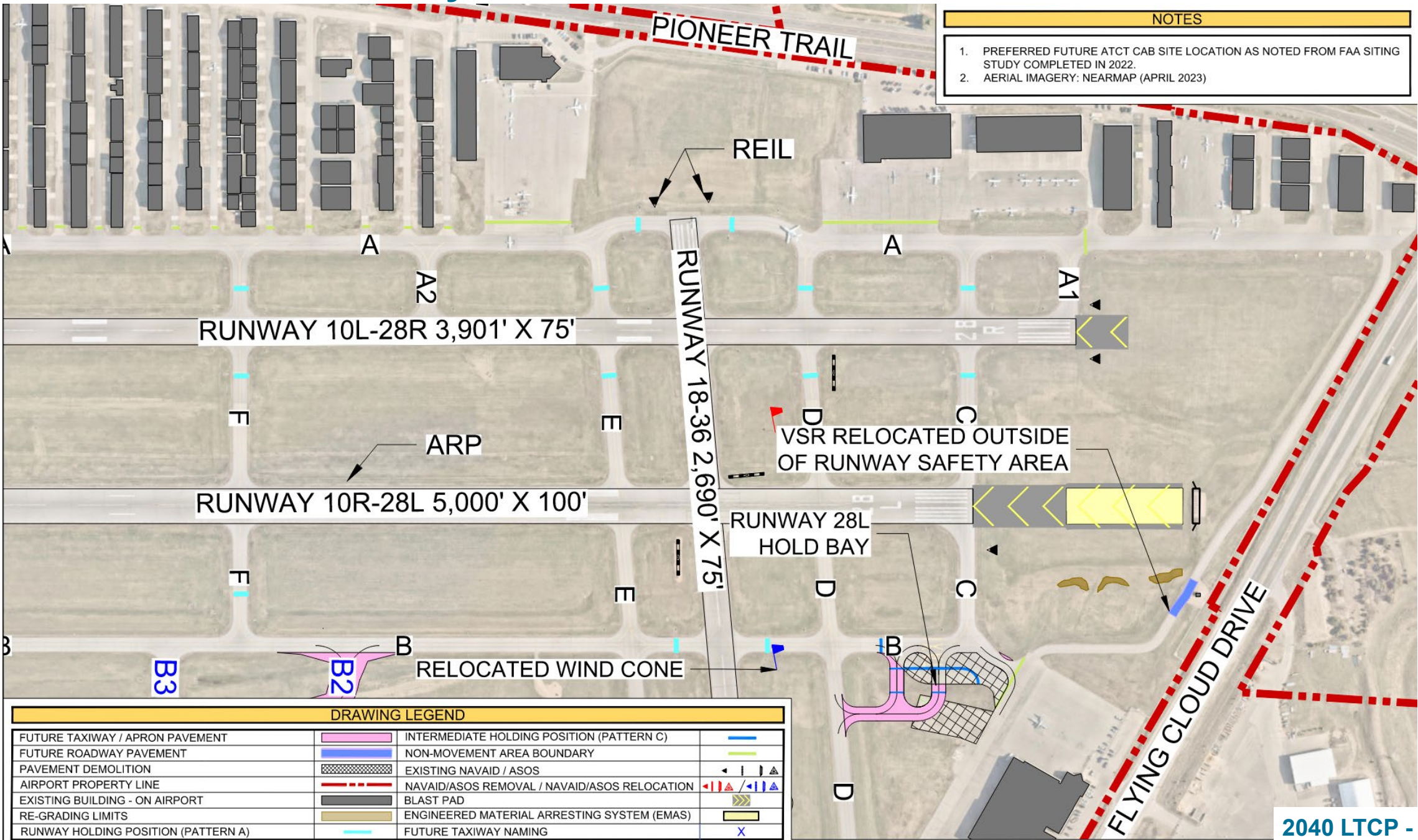
- NOTES**
- PREFERRED FUTURE ATCT CAB SITE LOCATION AS NOTED FROM FAA SITING STUDY COMPLETED IN 2022.
  - AERIAL IMAGERY: NEARMAP (APRIL 2023)

DRAWING LEGEND		
FUTURE TAXIWAY / APRON PAVEMENT		RUNWAY HOLDING POSITION (PATTERN A)
PAINTED ISLAND		ILS HOLDING POSITION (PATTERN B)
FUTURE ROADWAY PAVEMENT		INTERMEDIATE HOLDING POSITION (PATTERN C)
FUTURE HANGAR		NON-MOVEMENT AREA BOUNDARY
PAVEMENT DEMOLITION		BLAST PAD
FUTURE DEVELOPMENT		ENGINEERED MATERIAL ARRESTING SYSTEM (EMAS)
AIRPORT PROPERTY LINE		MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RAIL (MALSR)
EXISTING BUILDING - ON AIRPORT		ADJACENT PARCELS
NAVAID CRITICAL AREA		EXISTING NAVAID / ASOS
RELOCATED NAVAID CRITICAL AREA		NAVAID/ASOS REMOVAL / NAVAID/ASOS RELOCATION
RE-GRADING LIMITS		FUTURE TAXIWAY NAMING
RUNWAY SAFETY AREA (RSA)		





# Preliminary Draft Preferred Alternative – Northeast

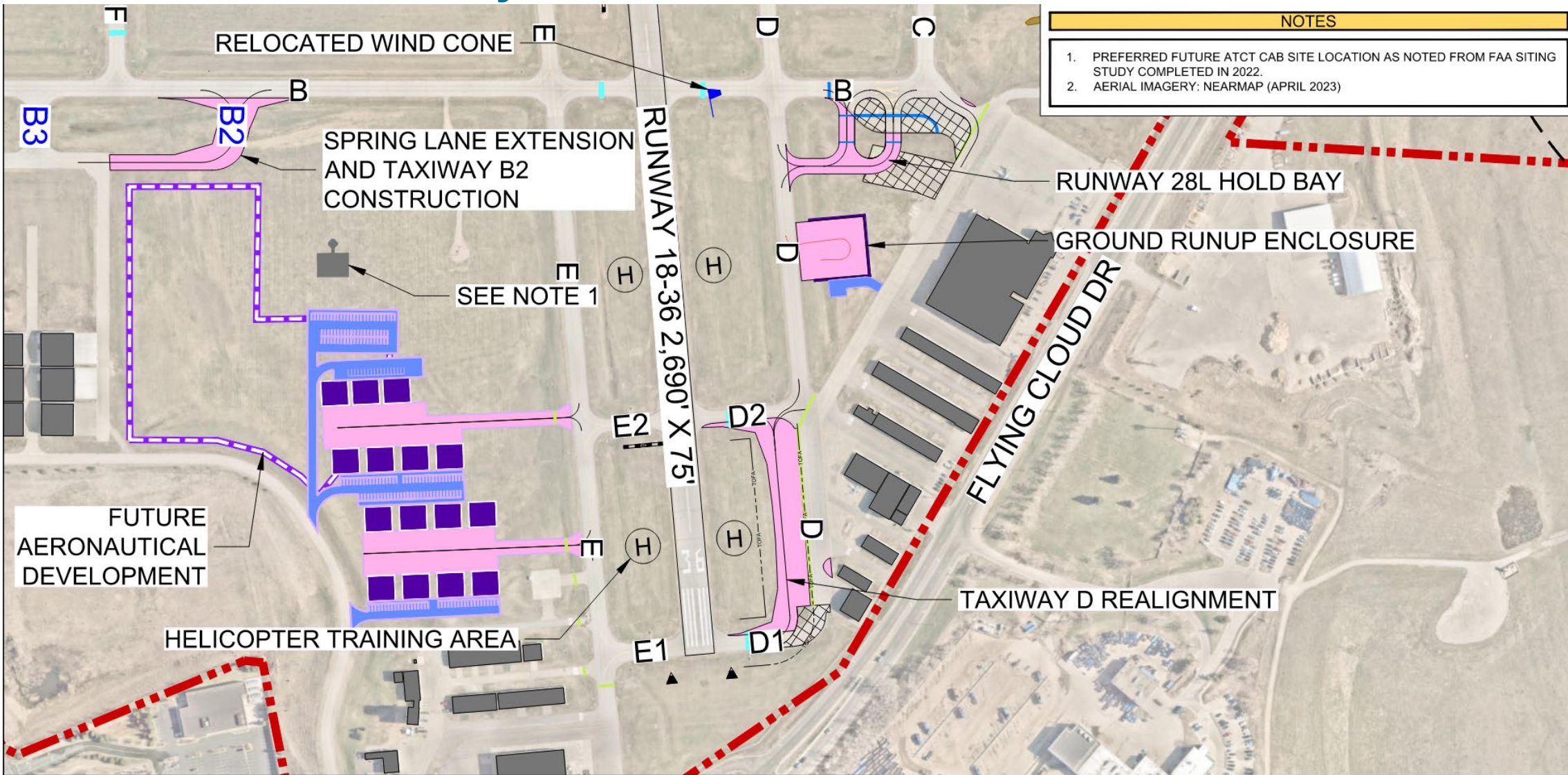


NOTES	
1.	PREFERRED FUTURE ATCT CAB SITE LOCATION AS NOTED FROM FAA SITING STUDY COMPLETED IN 2022.
2.	AERIAL IMAGERY: NEARMAP (APRIL 2023)

DRAWING LEGEND		
FUTURE TAXIWAY / APRON PAVEMENT		INTERMEDIATE HOLDING POSITION (PATTERN C)
FUTURE ROADWAY PAVEMENT		NON-MOVEMENT AREA BOUNDARY
PAVEMENT DEMOLITION		EXISTING NAVAID / ASOS
AIRPORT PROPERTY LINE		NAVAID/ASOS REMOVAL / NAVAID/ASOS RELOCATION
EXISTING BUILDING - ON AIRPORT		BLAST PAD
RE-GRADING LIMITS		ENGINEERED MATERIAL ARRESTING SYSTEM (EMAS)
RUNWAY HOLDING POSITION (PATTERN A)		FUTURE TAXIWAY NAMING



# Preliminary Draft Preferred Alternative – Southeast



**NOTES**

- PREFERRED FUTURE ATCT CAB SITE LOCATION AS NOTED FROM FAA SITING STUDY COMPLETED IN 2022.
- AERIAL IMAGERY: NEARMAP (APRIL 2023)

FUTURE AERONAUTICAL DEVELOPMENT

HELICOPTER TRAINING AREA

SPRING LANE EXTENSION AND TAXIWAY B2 CONSTRUCTION

SEE NOTE 1

RUNWAY 18-36 2,690' X 75'

RUNWAY 28L HOLD BAY

GROUND RUNUP ENCLOSURE

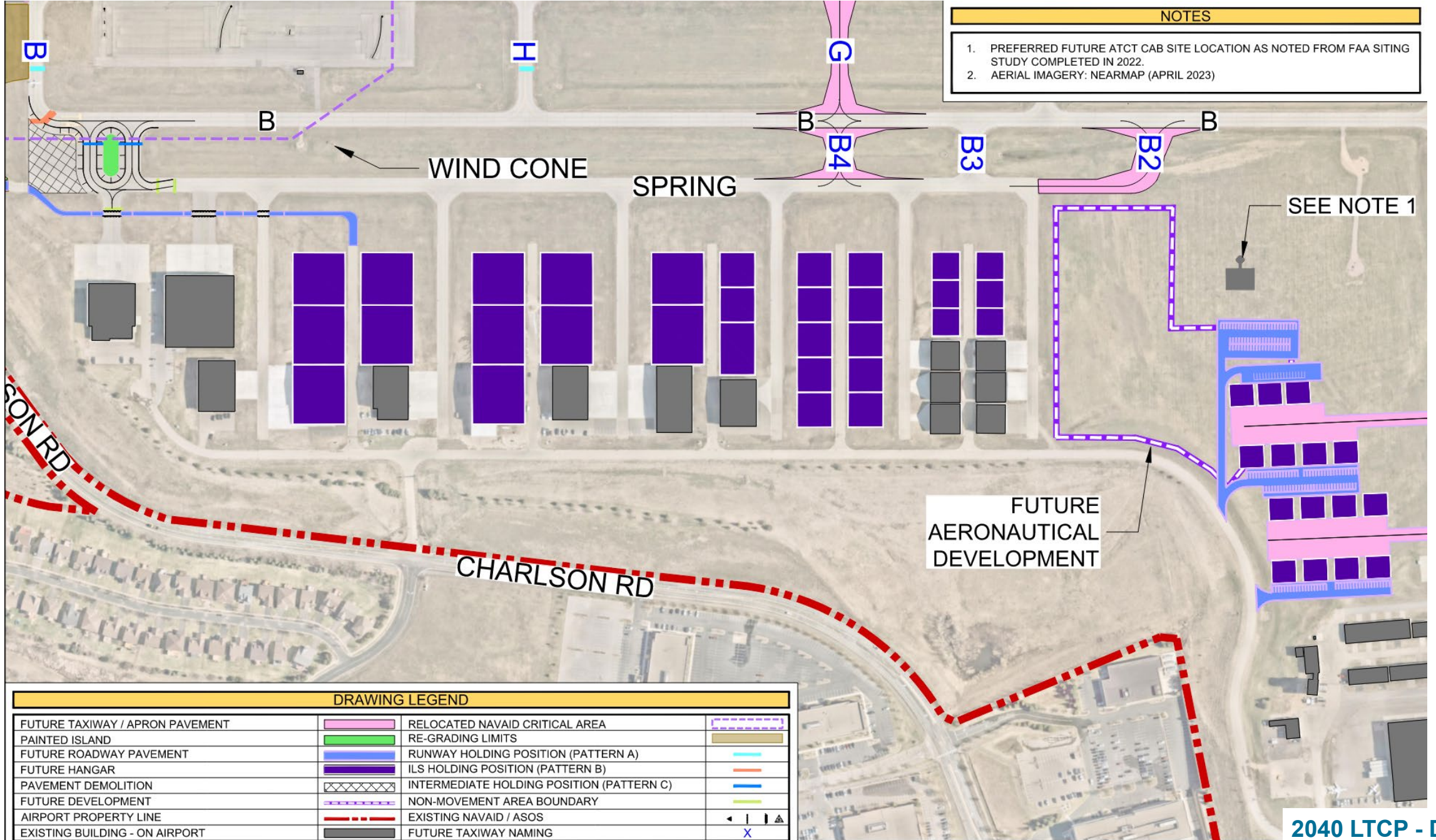
FLYING CLOUD DR

TAXIWAY D REALIGNMENT

DRAWING LEGEND			
FUTURE TAXIWAY / APRON PAVEMENT		INTERMEDIATE HOLDING POSITION (PATTERN C)	
FUTURE ROADWAY PAVEMENT		NON-MOVEMENT AREA BOUNDARY	
FUTURE HANGAR		EXISTING BUILDING - ON AIRPORT	
PAVEMENT DEMOLITION		EXISTING NAVAID / ASOS	
FUTURE DEVELOPMENT		NAVAID/ASOS REMOVAL / NAVAID/ASOS RELOCATION	
AIRPORT PROPERTY LINE		FUTURE TAXIWAY NAMING	
RUNWAY HOLDING POSITION (PATTERN A)			

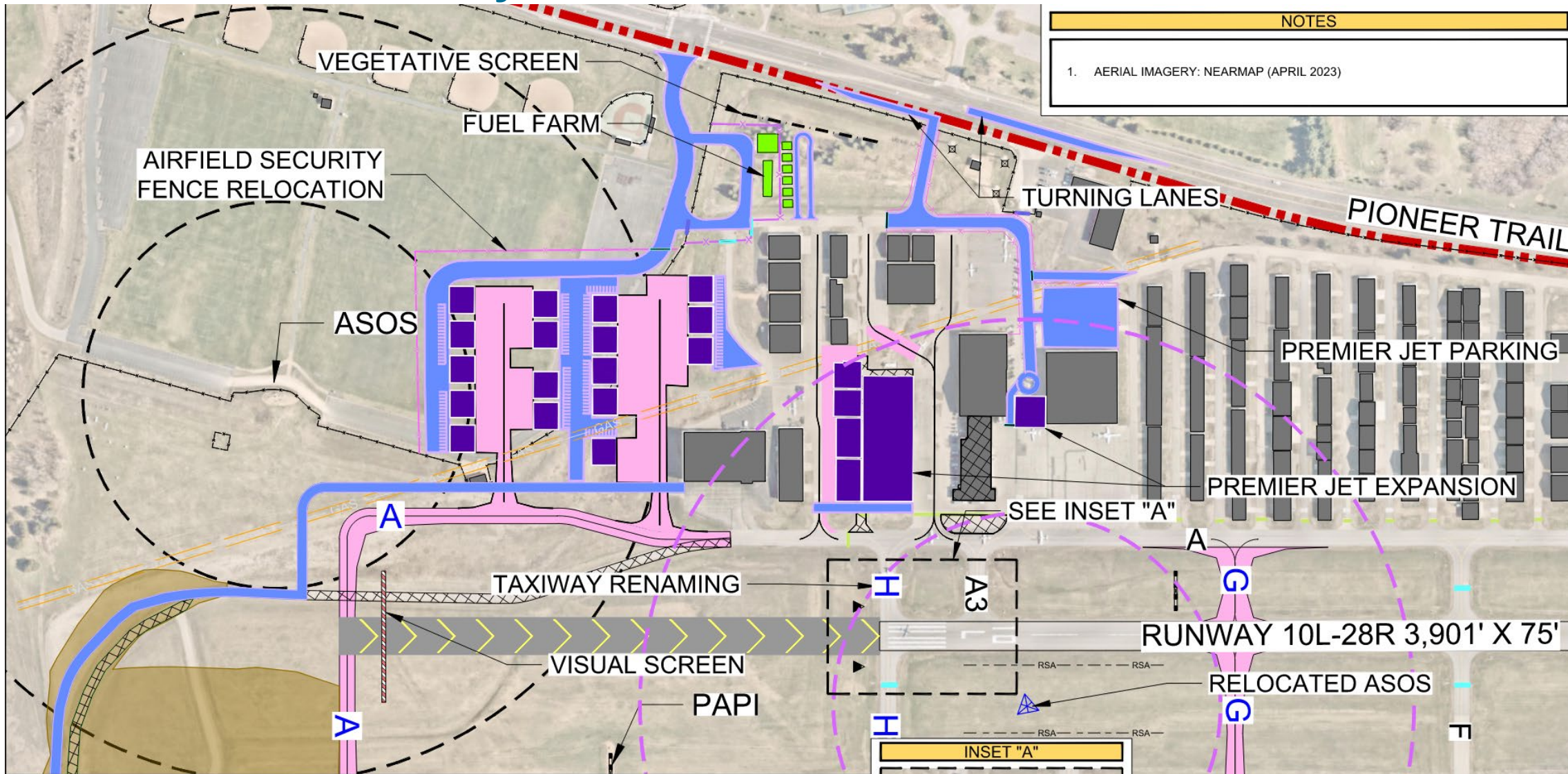


# Preliminary Draft Preferred Alternative – Southwest





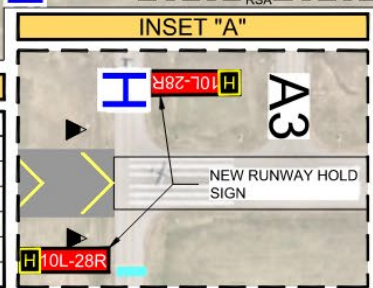
# Preliminary Draft Preferred Alternative – Northwest



**NOTES**

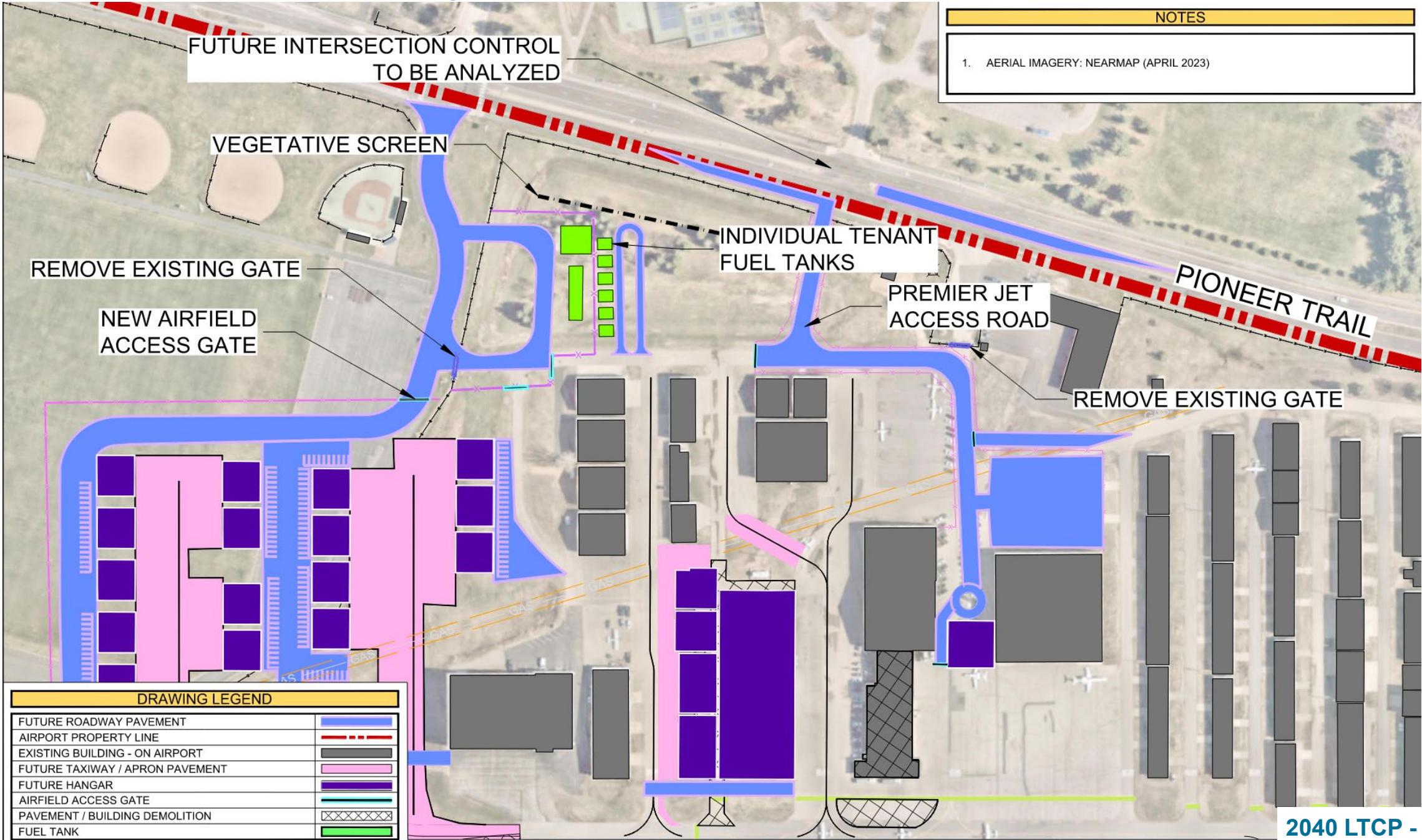
1. AERIAL IMAGERY: NEARMAP (APRIL 2023)

DRAWING LEGEND		
FUTURE TAXIWAY / APRON PAVEMENT		NON-MOVEMENT AREA BOUNDARY
FUTURE ROADWAY PAVEMENT		FUTURE HANGAR
PAVEMENT / BUILDING DEMOLITION		FUTURE FUEL TANK
AIRPORT PROPERTY LINE		EXISTING NAVAID / ASOS
EXISTING BUILDING - ON AIRPORT		NAVAID/ASOS REMOVAL / NAVAID/ASOS RELOCATION
RE-GRADING LIMITS		FUTURE TAXIWAY NAMING
RUNWAY HOLDING POSITION (PATTERN A)		RUNWAY SAFETY AREA (RSA)





# Preliminary Draft Preferred Alternative – Fuel Farm



**NOTES**

1. AERIAL IMAGERY: NEARMAP (APRIL 2023)

**DRAWING LEGEND**

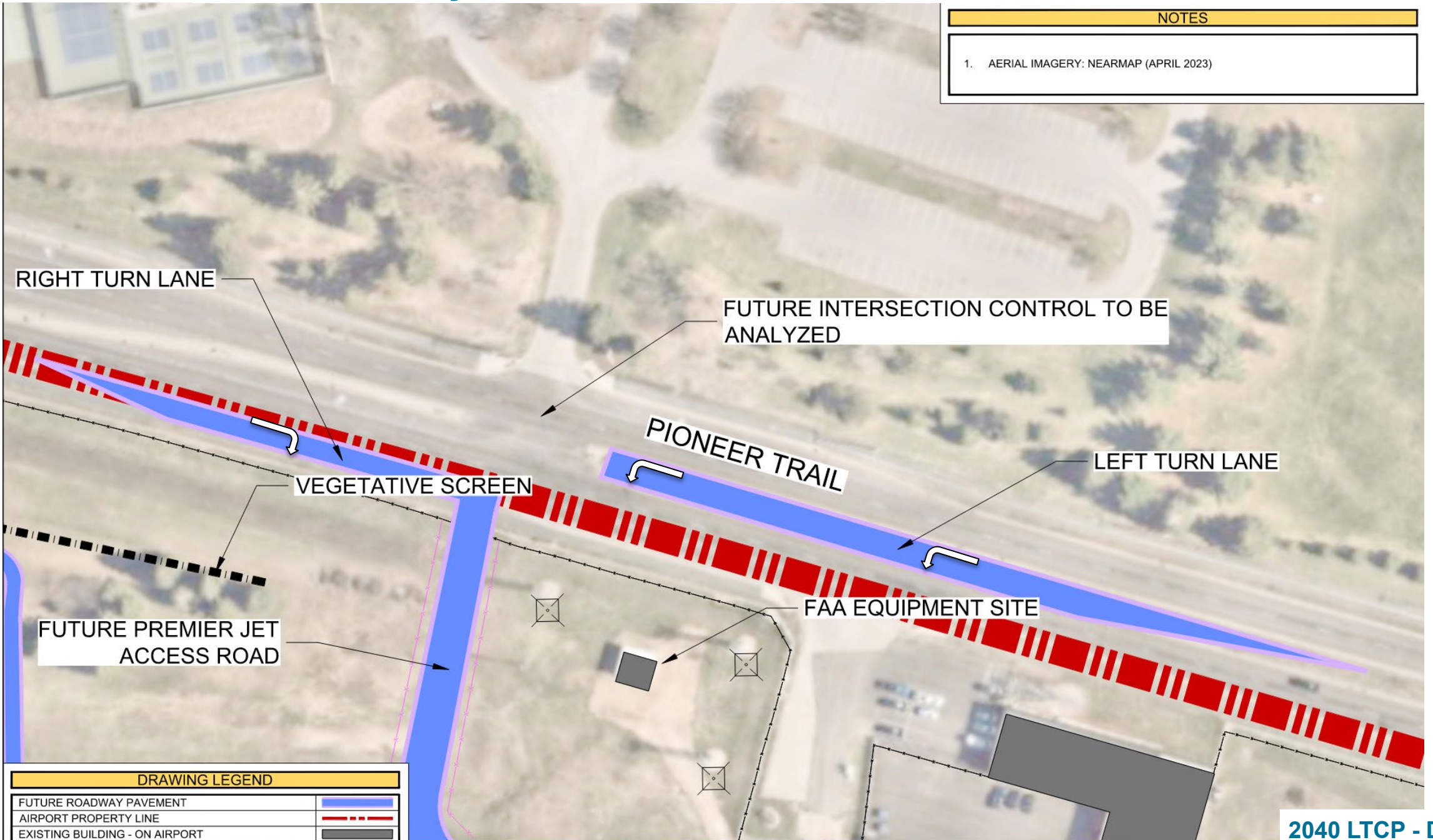
FUTURE ROADWAY PAVEMENT	
AIRPORT PROPERTY LINE	
EXISTING BUILDING - ON AIRPORT	
FUTURE TAXIWAY / APRON PAVEMENT	
FUTURE HANGAR	
AIRFIELD ACCESS GATE	
PAVEMENT / BUILDING DEMOLITION	
FUEL TANK	



# Preliminary Draft Preferred Alternative – Access

## NOTES

1. AERIAL IMAGERY: NEARMAP (APRIL 2023)

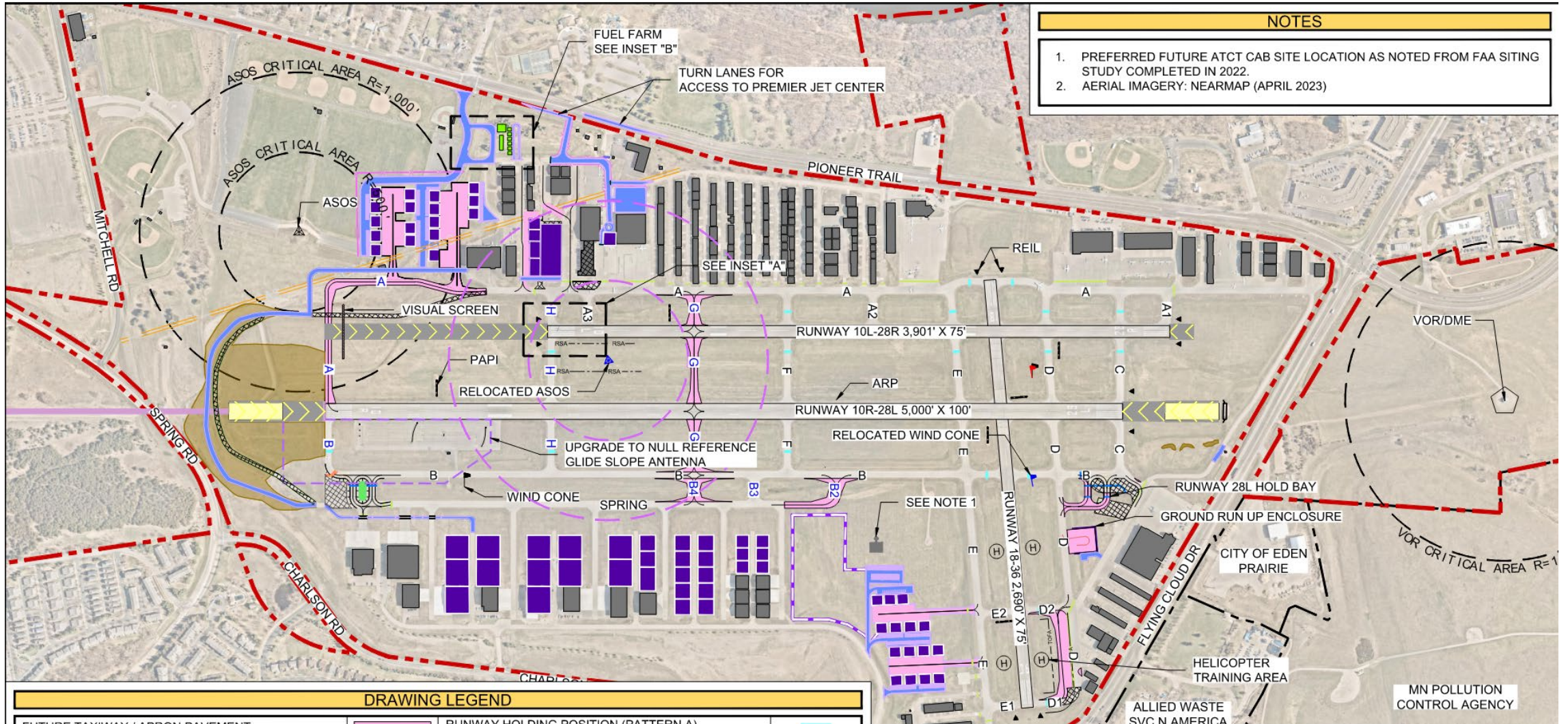


## DRAWING LEGEND

FUTURE ROADWAY PAVEMENT	
AIRPORT PROPERTY LINE	
EXISTING BUILDING - ON AIRPORT	



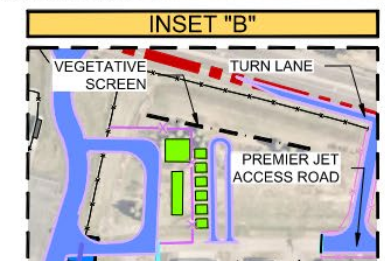
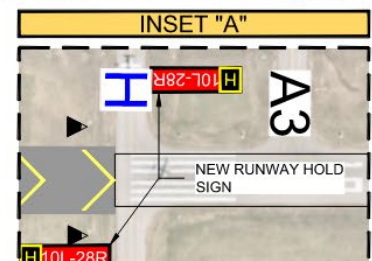
# Preliminary Draft Preferred Alternative – Overall



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RE-GRADING LIMITS			



# Tenant Listening Session / Open Discussion



# Next Steps/Schedule





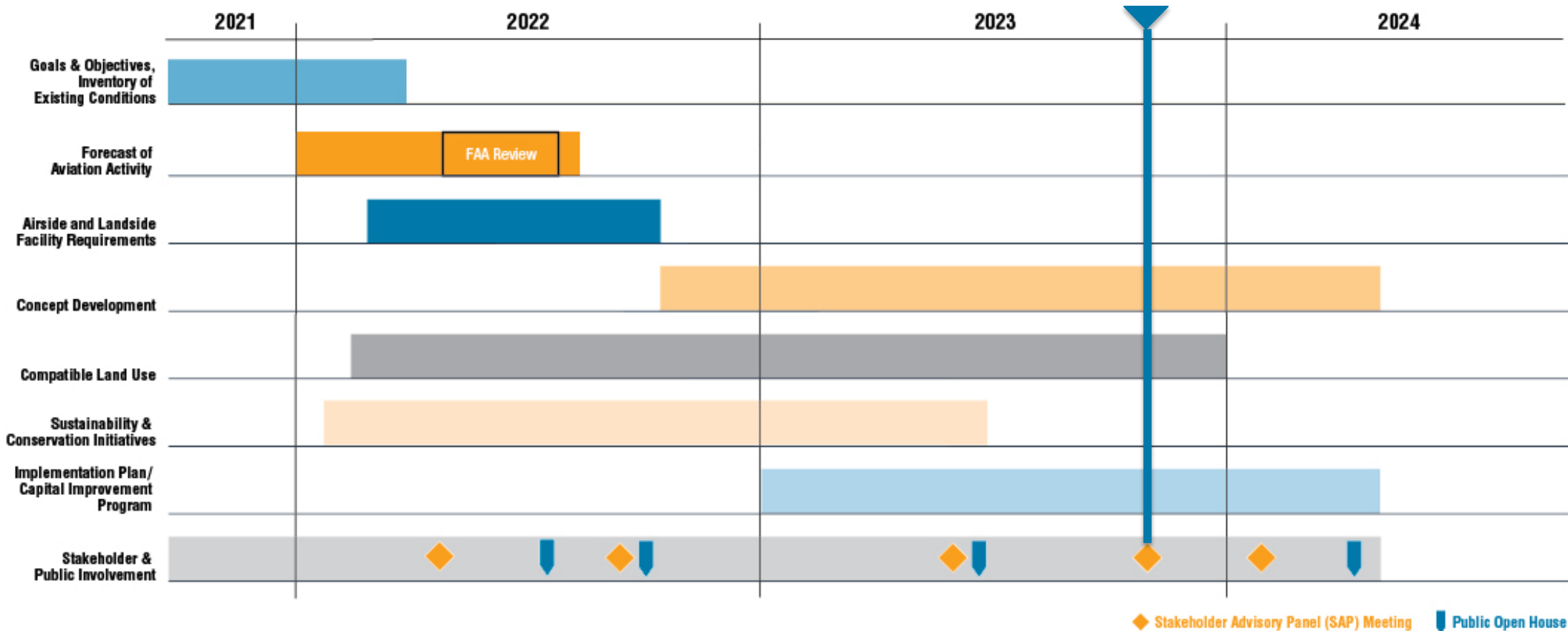
# Next Steps

- Final SAP #5 (January)
- Final Discover Flying Cloud #4 (March)
- Finalize Preferred Alternative
  - Cost Estimates (ACIP)
  - Potential Project Phasing
  - Implementation Plan





# Metropolitan Airports Commission (MAC) Flying Cloud Airport (FCM) 2040 Long-Term Plan (LTP) Schedule



Updated: October 2023 - Timeline is subject to change.





# Thank you for participating!

2040 Long-Term Plan (LTP) Update  
Flying Cloud Airport (FCM)

Please complete the [post-event survey](#)



November 1, 2023

