



**THE OHIO STATE UNIVERSITY**

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AIRPORT

**TECHNICAL ADVISORY COMMITTEE  
MEETING 4 – MAY 29, 2019**

Airport Master Plan





# WELCOME & INTRODUCTIONS

Doug Hammon, Hannah Higgins (The Ohio State University)





## Member Introduction

- Name
- Organization





# MEETING PURPOSE AND FORMAT

Marie Keister (Engage Public Affairs)





## Meeting Purpose/Agenda

- Public meeting input update
- Progress/schedule update
- Preferred alternatives:
  - Future airport layout
  - Future terminal area
- Noise contours based on future conditions
- Capital Improvement Program (CIP)
- Next steps





# **PUBLIC AND STAKEHOLDER INPUT UPDATE**

Marie Keister (Engage Public Affairs)





## Public Meeting 2 - Overview

- Several hundred attended the afternoon open house
- 65 participants attended the public meeting
- Overall positive tone during both events
- 6 comment forms and 1 email received





## Public Meeting 2 – Public Meeting Comments

### Concerns:

- Helicopter noise
- Early morning flight noise/landings
- How does the Master Plan adjust to technology changes over the years?
- Why remove the crosswind runway?
- Is an extended runway intended to attract a different market, larger aircraft?
- Will there be new airport development on airport's north side?

### Support:

- Nearby resident supports runway extension
- Enjoys parachute jumps and blimp landings
- OSU Airport is a community asset







## Public Meeting 2 – Comment Forms, Email

### Crosswind runway

- Disagrees with closing the crosswind runway (4)
- Crosswind runway improves safety (2)

### Airport service

- Would like better internet connectivity in hangar areas (2)
- Consider upgrading food services (1)

### Community Connectivity

- As a neighbor we consider the airport an asset to the community
- Appreciate airport education and community dynamic
- Like the parachutes, cows and new facility





## Public Meeting 2 – Comment Forms, Email

### Hot-spot improvements

- Taxiway realignment and hot-spot improvements are a waste of money
- Disagree with hot spot improvement for area C; it is difficult for pilots to see

### Greenspace

- The airport and farm provide needed greenspace

### Noise

- No major complaints about noise

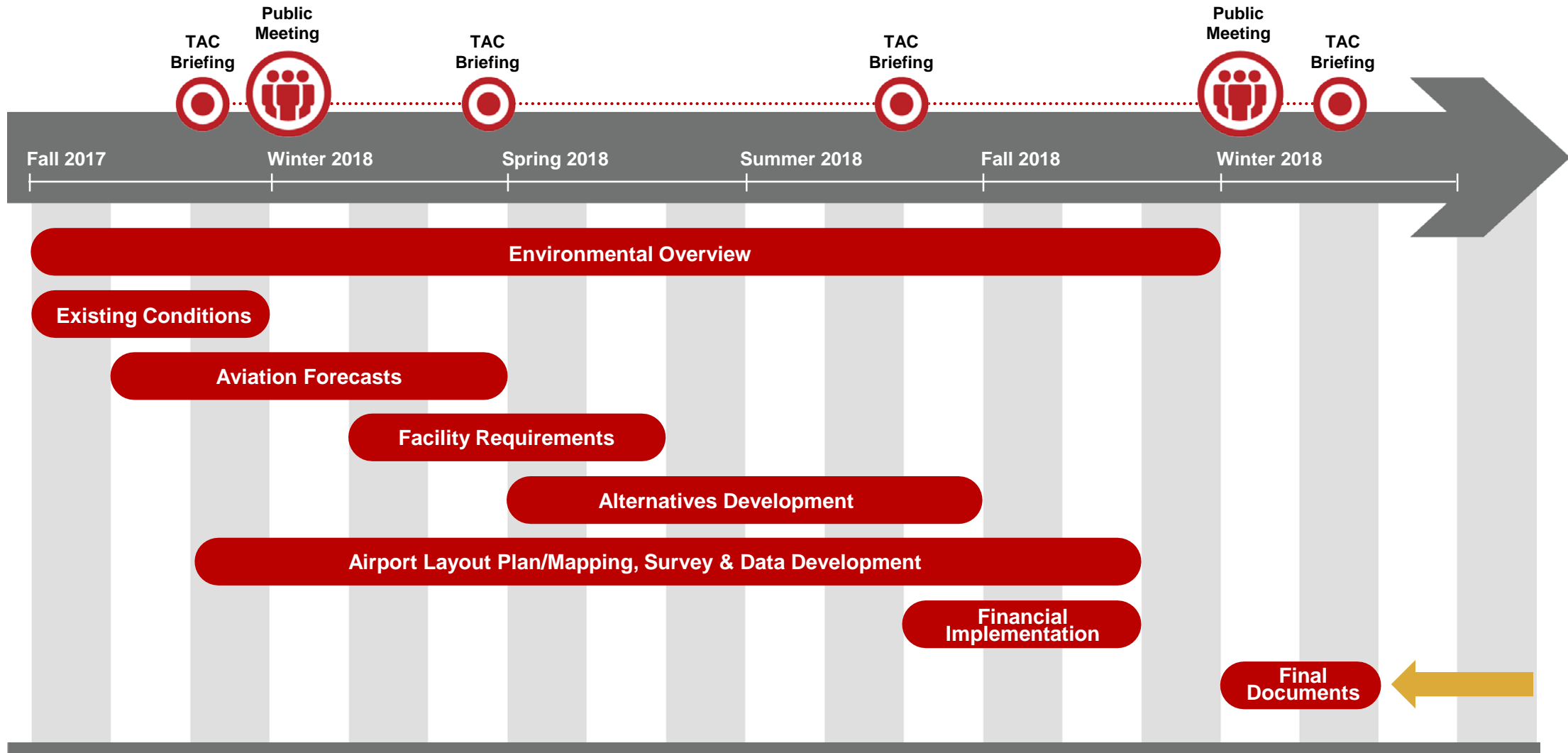




# PROGRESS/SCHEDULE UPDATE

Maria Muia (Woolpert)





TAC = Technical Advisory Committee

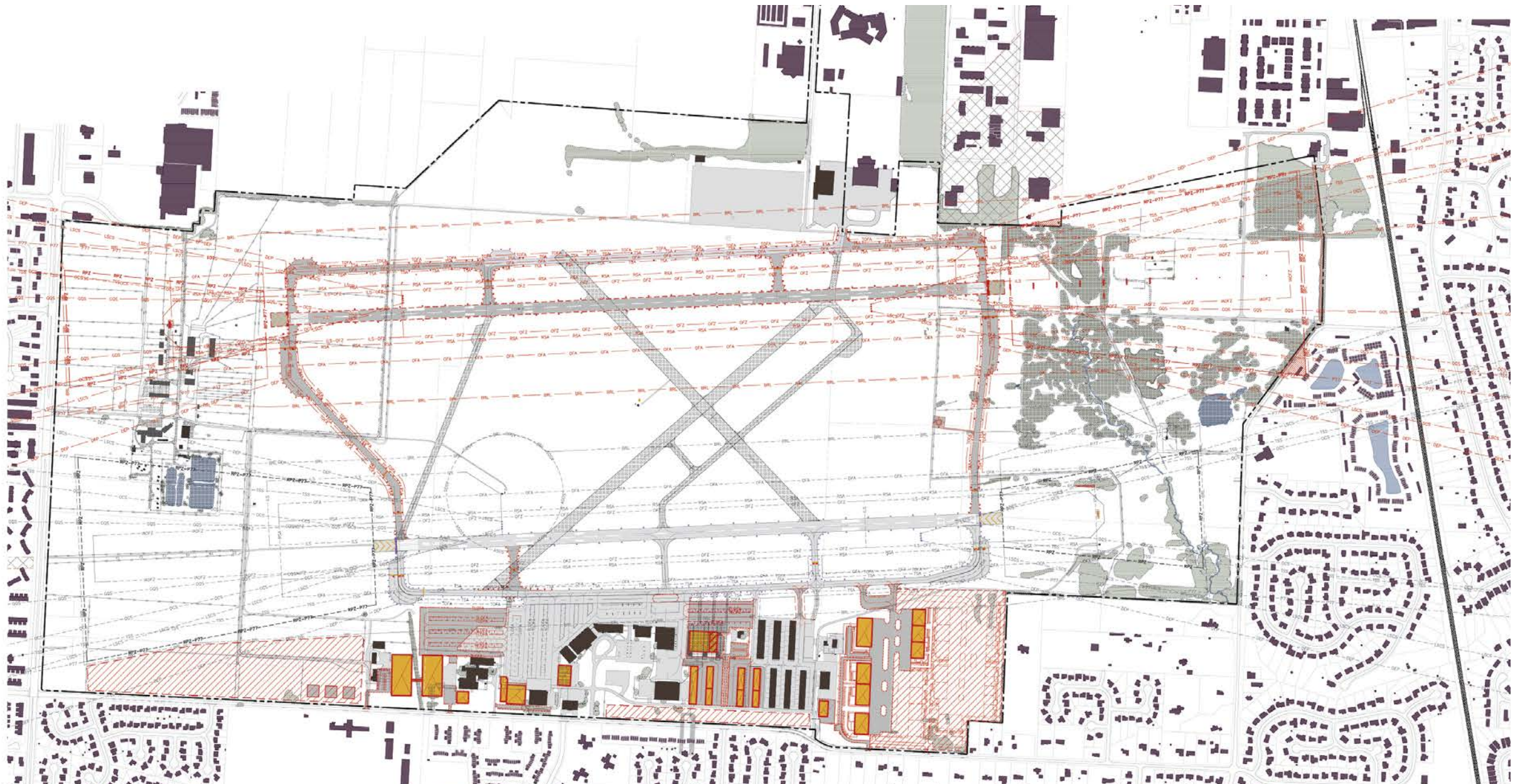




# PREFERRED ALTERNATIVES

Maria Muia, Woolpert




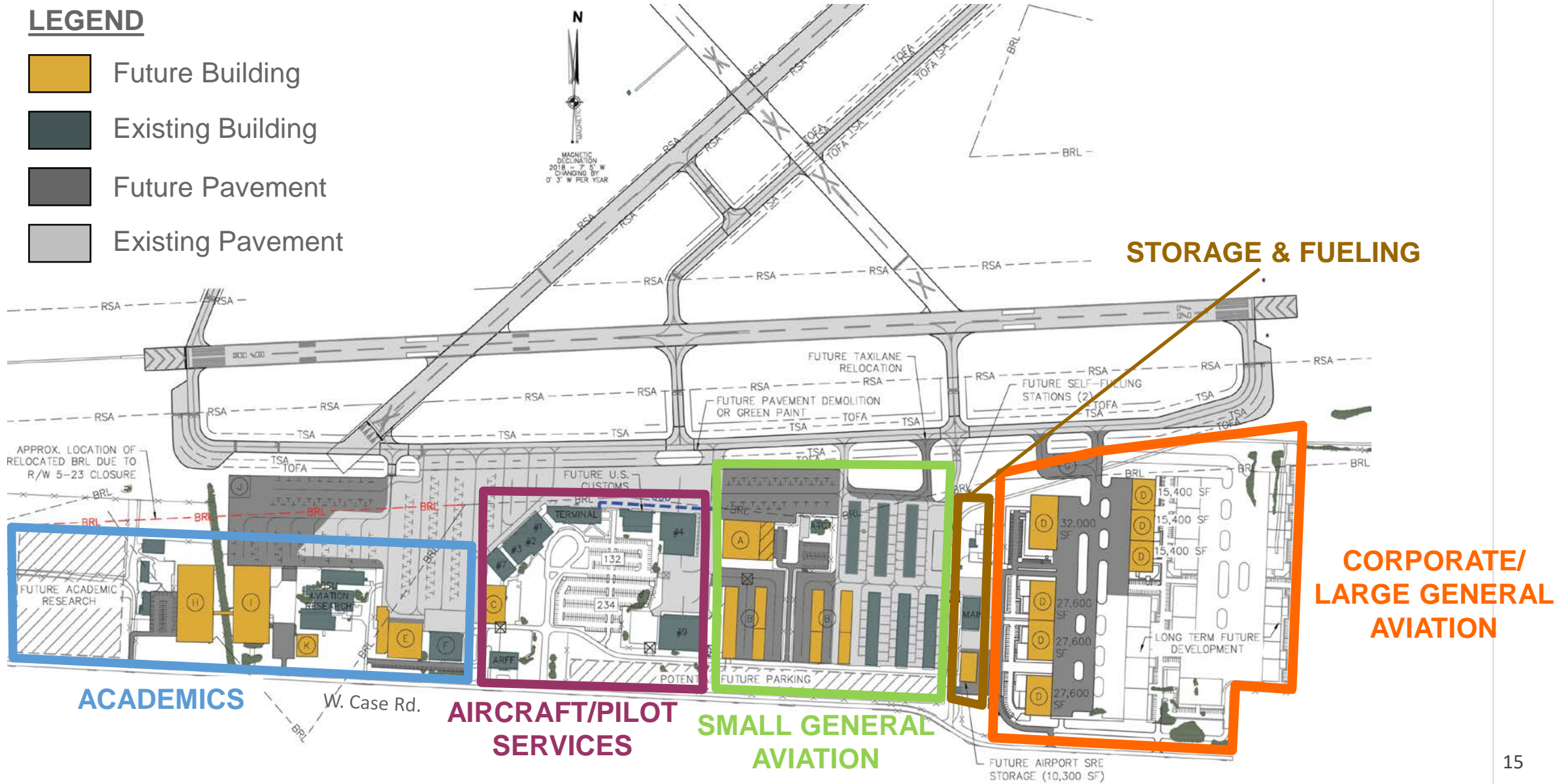




# Future Terminal Area Land Uses

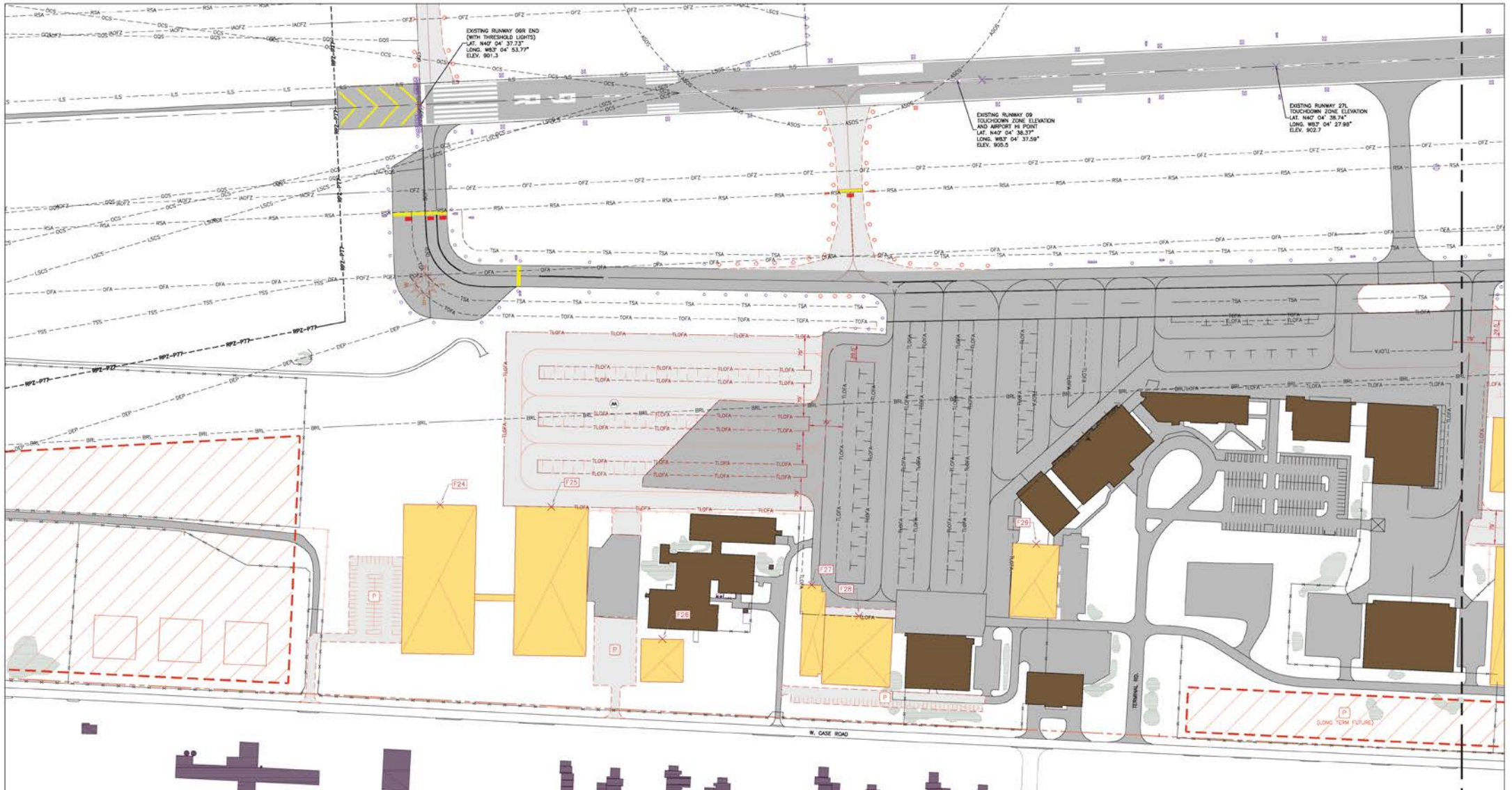
## LEGEND

-  Future Building
-  Existing Building
-  Future Pavement
-  Existing Pavement





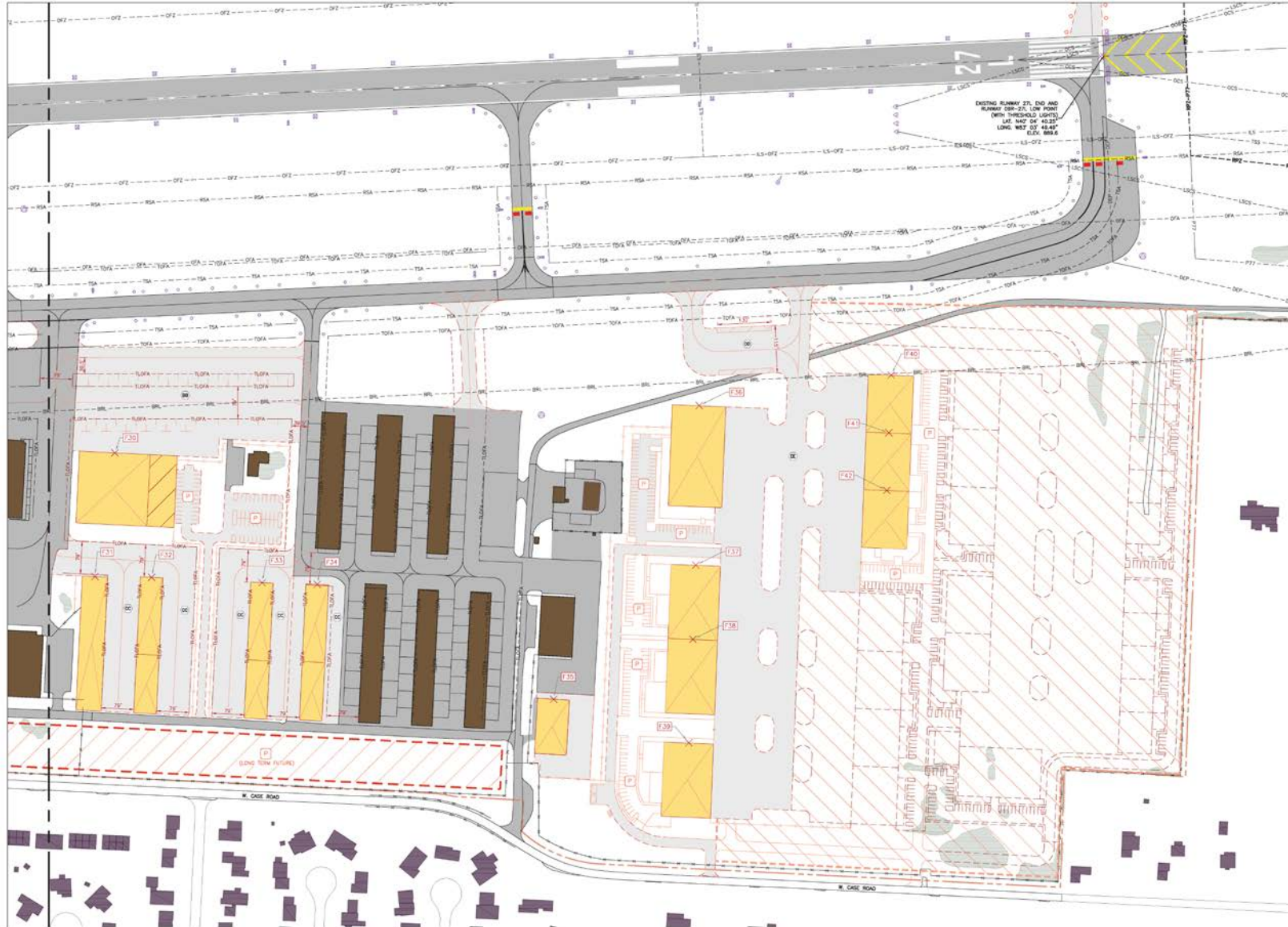
# Future Terminal Area West







# Future Terminal Area East





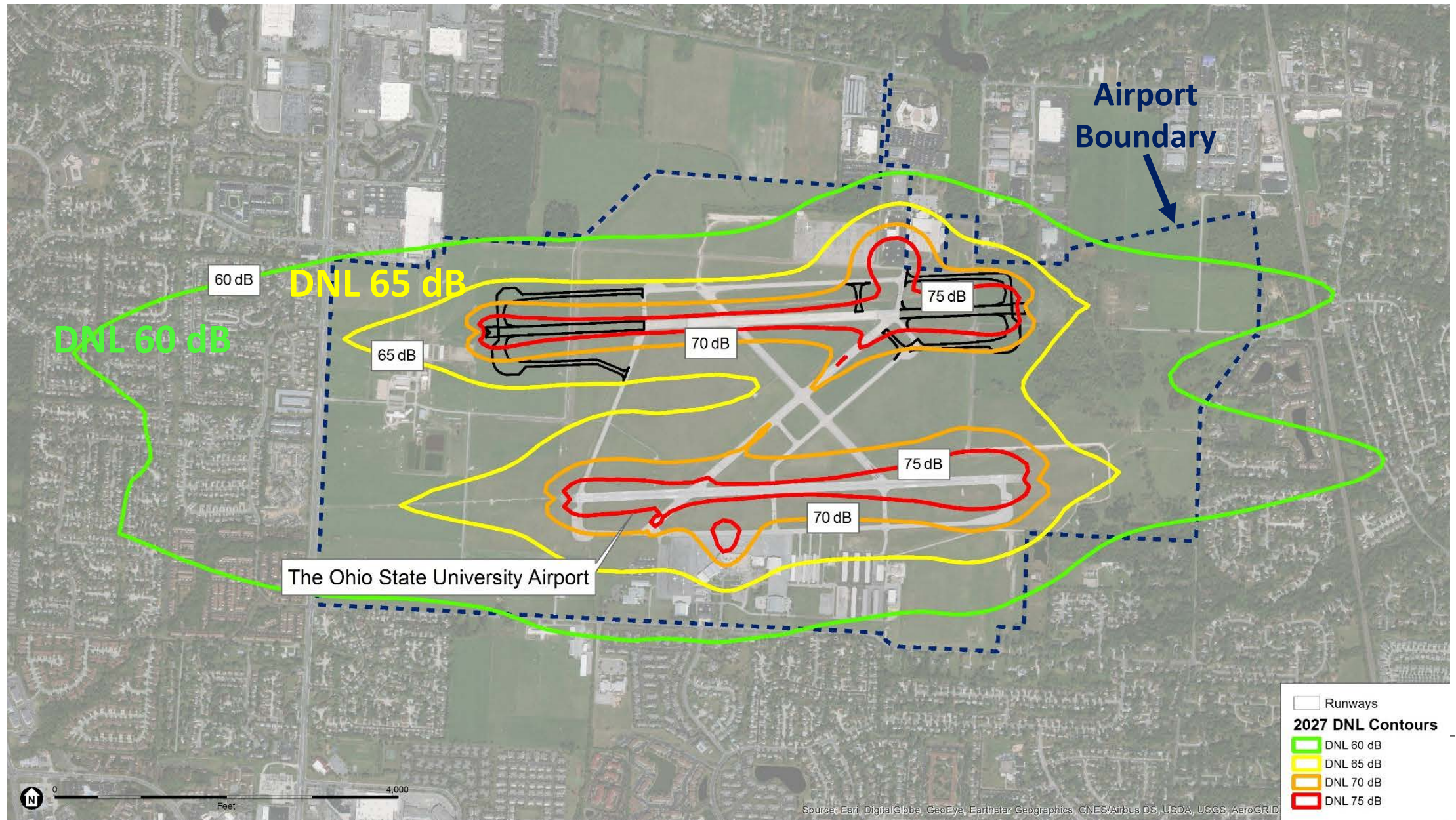
# NOISE CONTOURS

Maria Muia, Woolpert



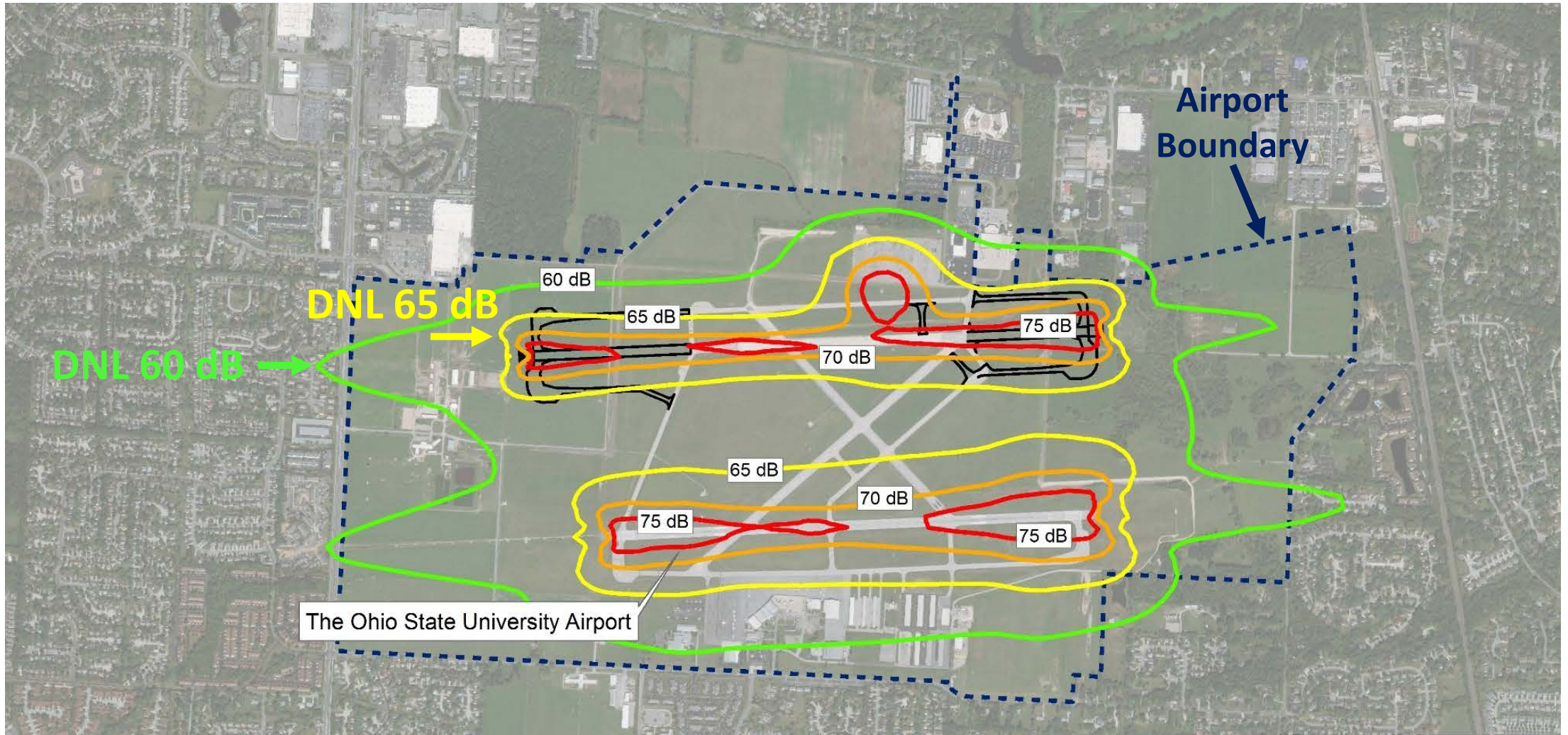


# Forecasted 2027 Noise Contours from 2009





# Current Forecast Noise Contours (2037)



**37% reduction in area covered by 60 & 65 DNL compared to previous forecast**

Runways

**2037 DNL Contours**

- █ DNL 60 dB
- █ DNL 65 dB
- █ DNL 70 dB
- █ DNL 75 dB



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID



# CAPITAL IMPROVEMENT PROGRAM

Maria Muia, Woolpert





## SHORT TERM (0 TO 5 YEARS)

**FAA = \$17,240,900**

**State = \$592,550**

**OSU = \$22,491,550**

**Total = 40,325,000**

Major Projects Include:

- Taxiway improvements
- T-hangars and row hangar
- Environmental assessment & design for runway extension
- Transient corporate hangar
- OSU Flight School hangar and apron
- Equipment building
- Runway pavement removal





## **INTERMEDIATE TERM (6 TO 10 YEARS)**

***FAA* = \$32,349,000**

***State* = \$1,745,500**

***OSU* = \$1,775,500**

***Total* = 35,870,000**

Major Projects Include:

- Runway extension
- Apron expansion
- Corporate Airpark taxiways
- Interior maintenance road





## LONG TERM (11 TO 20 YEARS)

***FAA*** = ***\$4,620,000***

***State*** = ***\$115,000***

***OSU*** = ***\$32,999,000***

***Total*** = ***37,734,000***

Major Projects include:

- Pavement rehabilitation
- Academic research center
- Research hangar
- Indoor drone flight facility







# AIRPORT MASTER PLAN SUMMARY

Maria Muia, Woolpert





- Airport is a learning laboratory
- Corporate aircraft usage makes state-of-the-art airfield facilities possible
- Reduction in runways will improve safety
- Proposed airport improvements are similar to previous
- Aircraft have gotten quieter historically
- Future aircraft DNL noise remains predominantly within airport boundary





# NEXT STEPS

Marie Keister, Engage Public Affairs





- TAC presentation posted online tomorrow
  - **Comment due by June 5**
- Anticipate outstanding chapters to be posted on or before June 21
  - **Watch for email to TAC & public: two-week comment period**
- Draft to FAA mid-July; 6+ month technical review
- FAA-reviewed and updated final version to Board of Trustees
- After Board of Trustees adopts, final version submitted to FAA





# QUESTIONS & DISCUSSION





**THE OHIO STATE UNIVERSITY**

**AIRPORT**

**THANK YOU**

*[osuairport.org/airport-facilities/master-plan](https://osuairport.org/airport-facilities/master-plan)*

