

BJJ PUBLIC INFORMATION MEETING
November 30, 2023

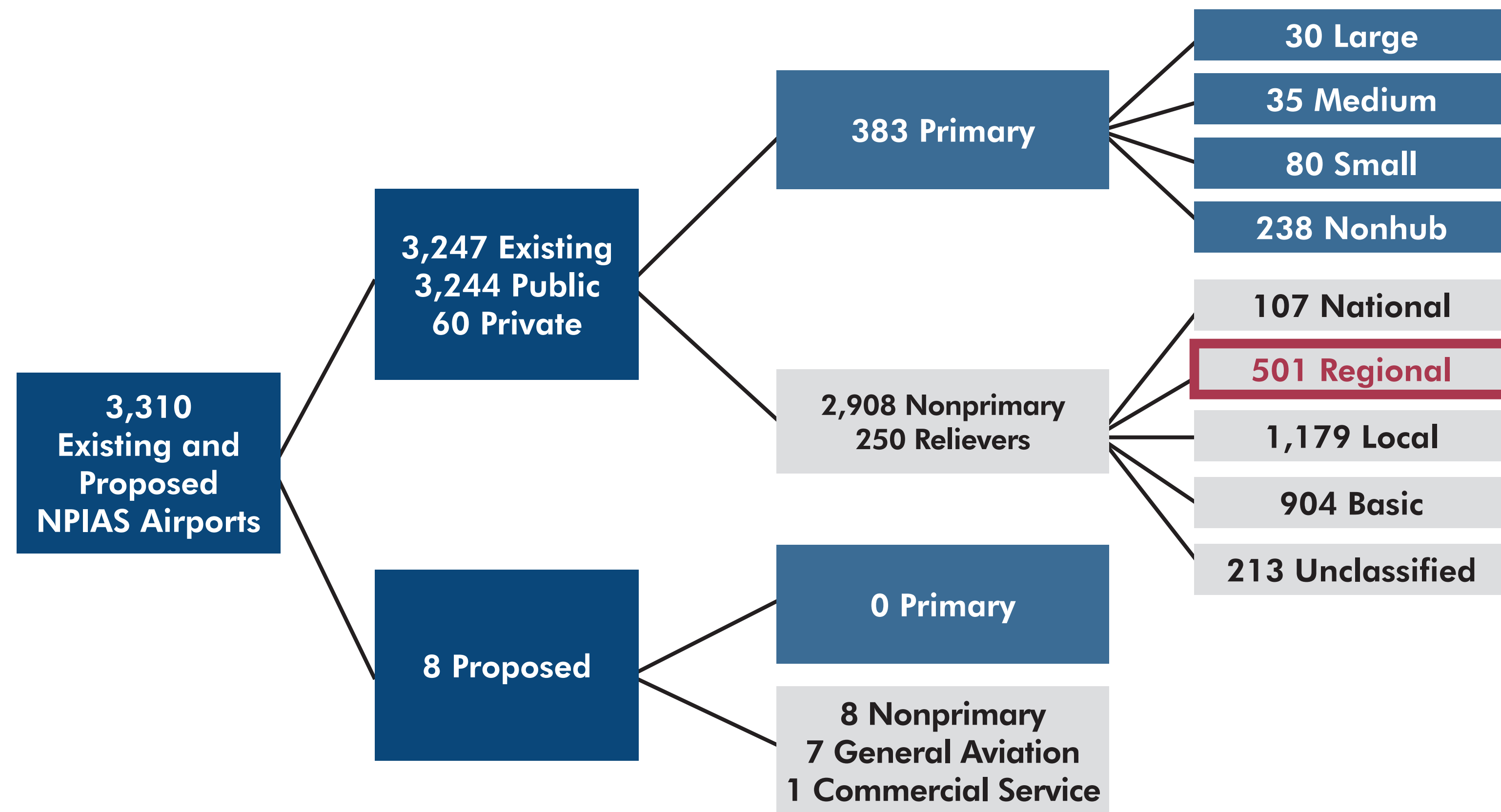


WELCOME

& SIGN-IN



National Plan of Integrated Airport Systems (NPIAS)
General Aviation Non-Primary Airport (Regional)



Airport Role & Classification

Wayne County Airport Impacts

ON-AIRPORT IMPACTS

38 Jobs
\$2.3 million in Payroll
\$10.6 million in Output

- Airport Management
- Fixed Base Operator
- Vendors
- FAA, Other Government

CONSTRUCTION/VISITOR IMPACTS

28 Jobs
\$792,000 in Payroll
\$2.1 million in Output

- Hotels
- Retail & Entertainment
- Convention Centers
- Tourist Destinations
- Construction

MULTIPLIER IMPACTS

82 Jobs
\$2.7 million in Payroll
\$9.1 million in Output

- Suppliers of Materials & Services to Airports
- Suppliers to Visitor Dependent Businesses
- Suppliers to Construction Dependent Businesses

TOTAL ECONOMIC IMPACTS

148 Jobs
\$5.8M Payroll
\$21.8M Output

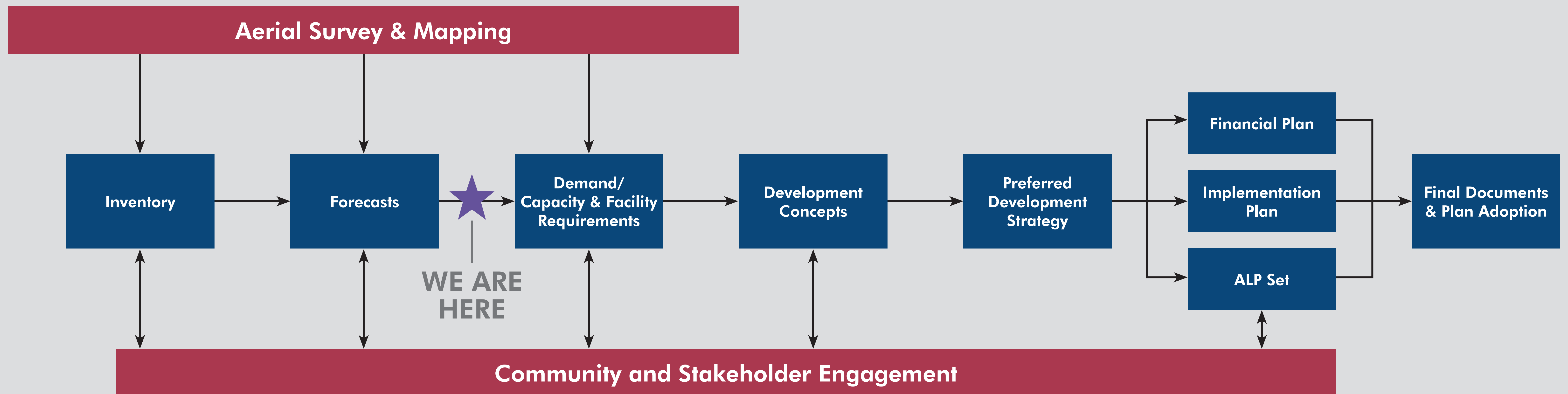
Ohio State System Plan (2014) BJJ is classified as a Level 1

ITEM	DESCRIPTION
Level 1	Airport meets all of the needs of GA turbine-powered aircraft and their users. These airports are able to provide all of the services necessary to support corporate jet aircraft.
Level 2	These airports are intended to support smaller corporate aircraft, such as small jets and turboprop aircraft, and meet many but not all of their needs. This type of airport is intended to serve business, pleasure, and training.
Level 3	These airports serve light, twin-engine, and single-engine aircraft flying for business, pleasure, or training. Its purpose is to fulfill all of the needs of a piston-powered aircraft. Turbine-powered aircraft may use these airports, but the primary focus is to serve piston-powered aircraft.
Level 4	These airports serve the need for flight operations of small GA aircraft. Single-engine aircraft represent the primary aircraft type.

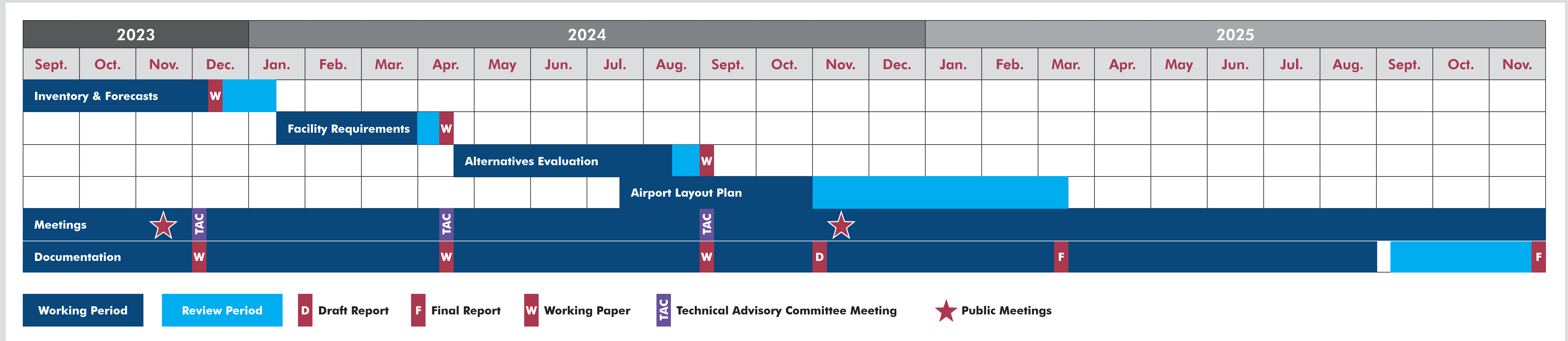
Source: Ohio State System Plan (2014).

Master Plan Process

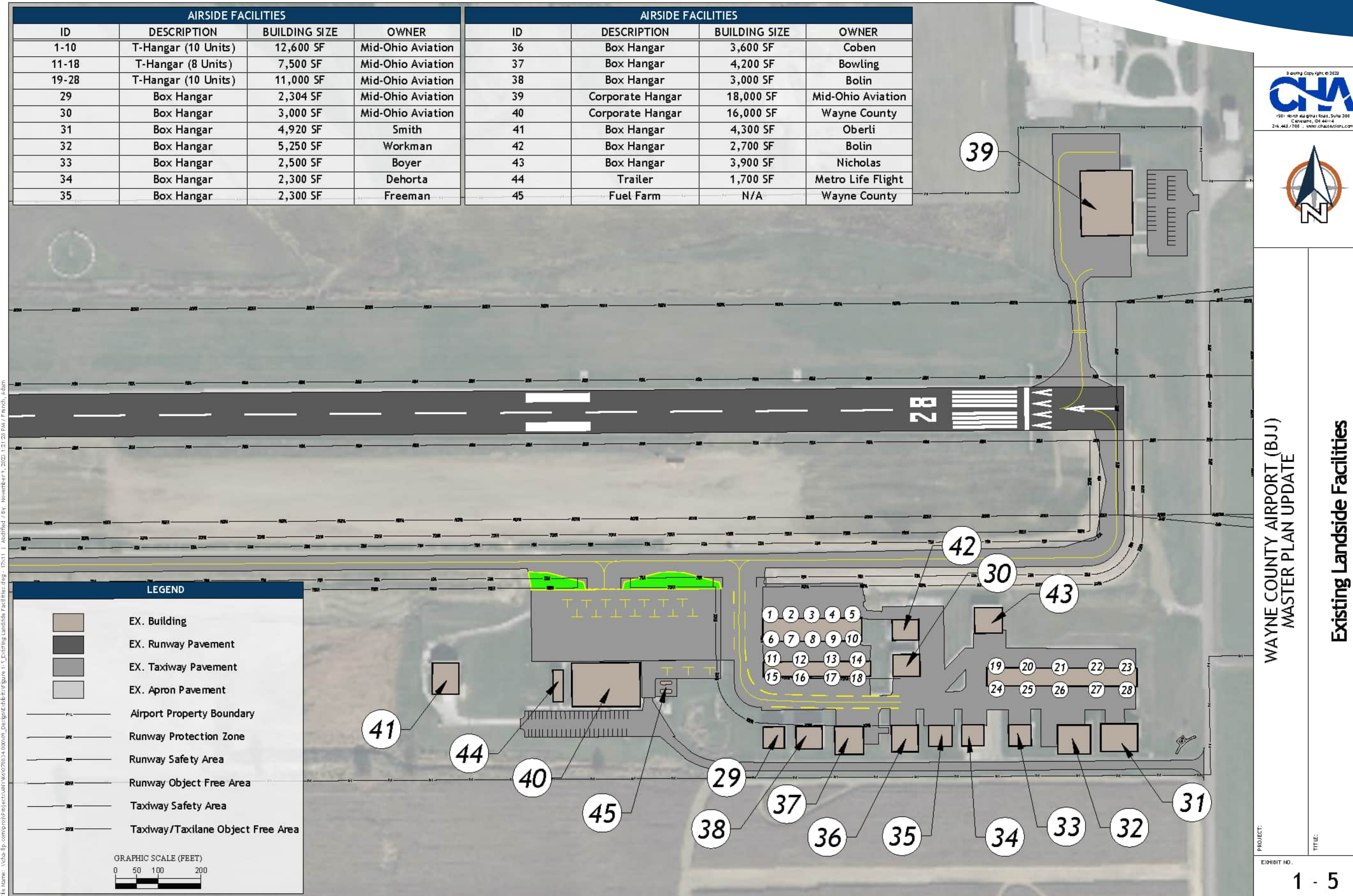
Airport Layout Plan Update & Master Plan Planning Process



Wayne County Airport Airport ALP & Master Plan Update - Schedule



Wayne County Airport – Existing Facilities

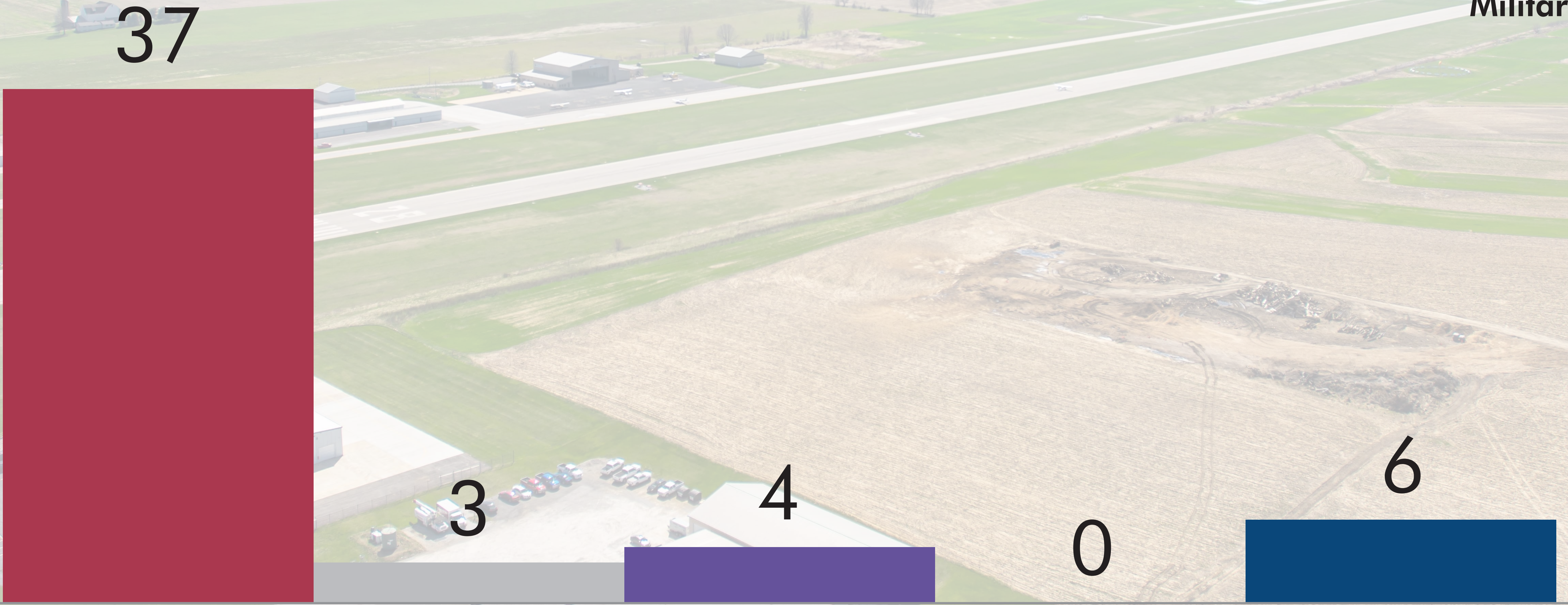


Aircraft Operations & Based Aircraft

2022 OPERATIONS: 5,800 TOTAL

Local – 1,682 Itinerant – 4,112

Military – 6



Single Engine

Multi Engine

Jet

Turbo Prop

Helicopter

BASED AIRCRAFT: 50 TOTAL

Critical Aircraft

What is the critical aircraft?

As part of the master planning process, the most demanding aircraft (or family of aircraft) with at least 500 operations today and within the 20-year planning period is determined. The critical aircraft influence design requirements such as:

- The size and setbacks of safety & object free areas
- Runway length & width
- Airfield geometry
- Runway Protection Zone dimensions

Based on:

- Aircraft Approach Category (AAC) – approach speed
- Airplane Design Group (ADG) – wing span & tail height

AAC	V _{REF} /Approach Speed
A	Approach speed less than 91 knots
B	Approach speed 91 knots or more but less than 121 knots
C	Approach speed 121 knots or more but less than 141 knots
D	Approach speed 141 knots or more but less than 166 knots
E	Approach speed 166 knots or more

Group #	Tail Height	Wingspan
I	< 20 ft (< 6.1 m)	< 49 ft (< 14.9 m)
II	20 ft ≤ 30 ft (6.1 m ≤ 9.1 m)	49 ft ≤ 79 ft (14.9 m ≤ 24.1 m)
III	30 ft ≤ 45 ft (9.1 m ≤ 13.7 m)	79 ft ≤ 118 ft (24.1 m ≤ 36 m)
IV	45 ft ≤ 60 ft (13.7 m ≤ 18.3 m)	118 ft ≤ 171 ft (36 m ≤ 52 m)
V	60 ft ≤ 66 ft (18.3 m ≤ 20.1 m)	171 ft ≤ 214 ft (52 m ≤ 65 m)
VI	66 ft ≤ 80 ft (20.1 m ≤ 24.4 m)	214 ft ≤ 262 ft (65 m ≤ 80 m)



Existing Critical Aircraft Cessna Citation Excel 560X

Typical Aircraft Utilizing BJJ

A-I

Piper Cherokee



Cessna 150



B-II

King Air 200



Citation 560X



C-II

Bombardier Challenger



Gulfstream 450

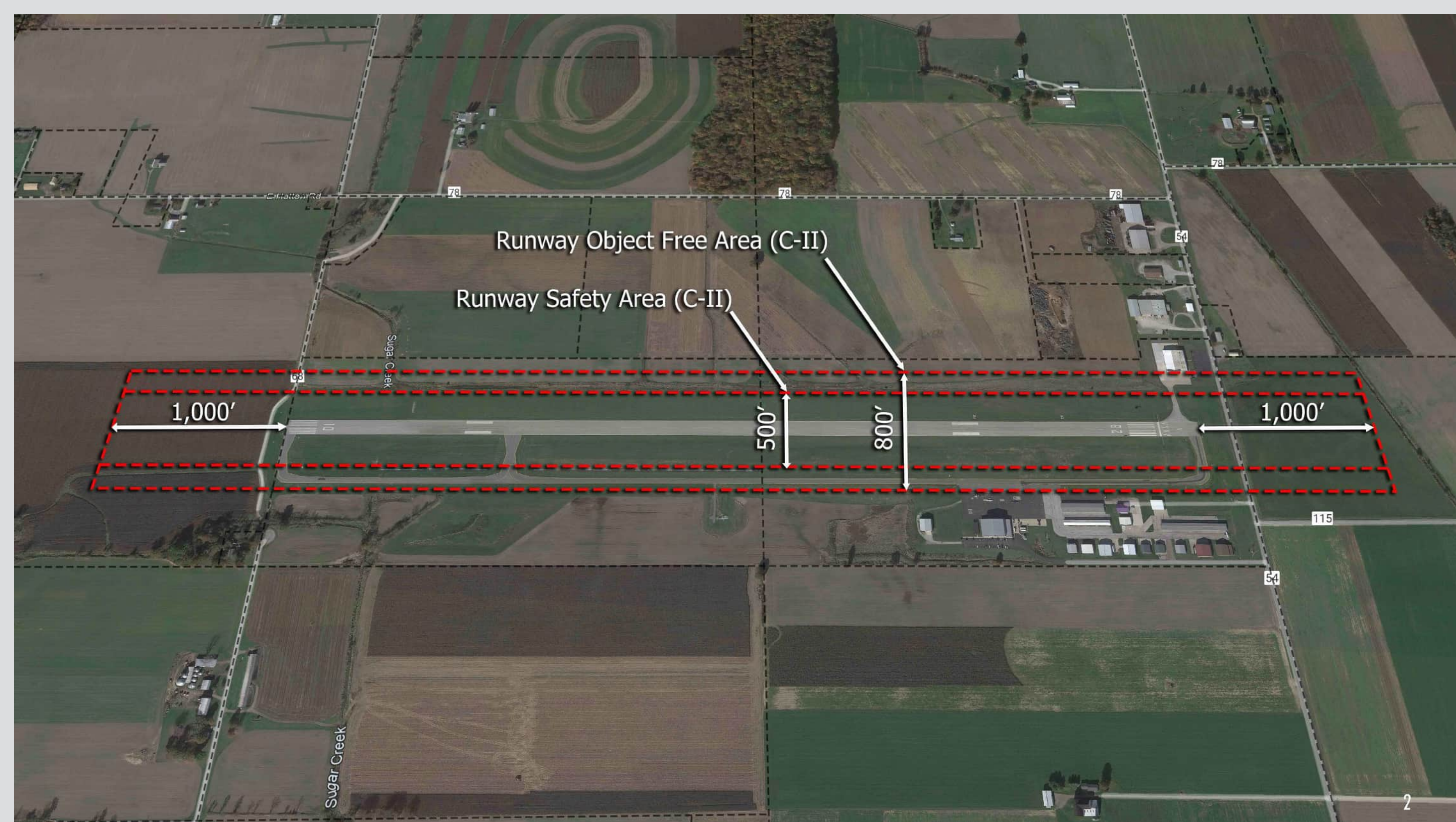
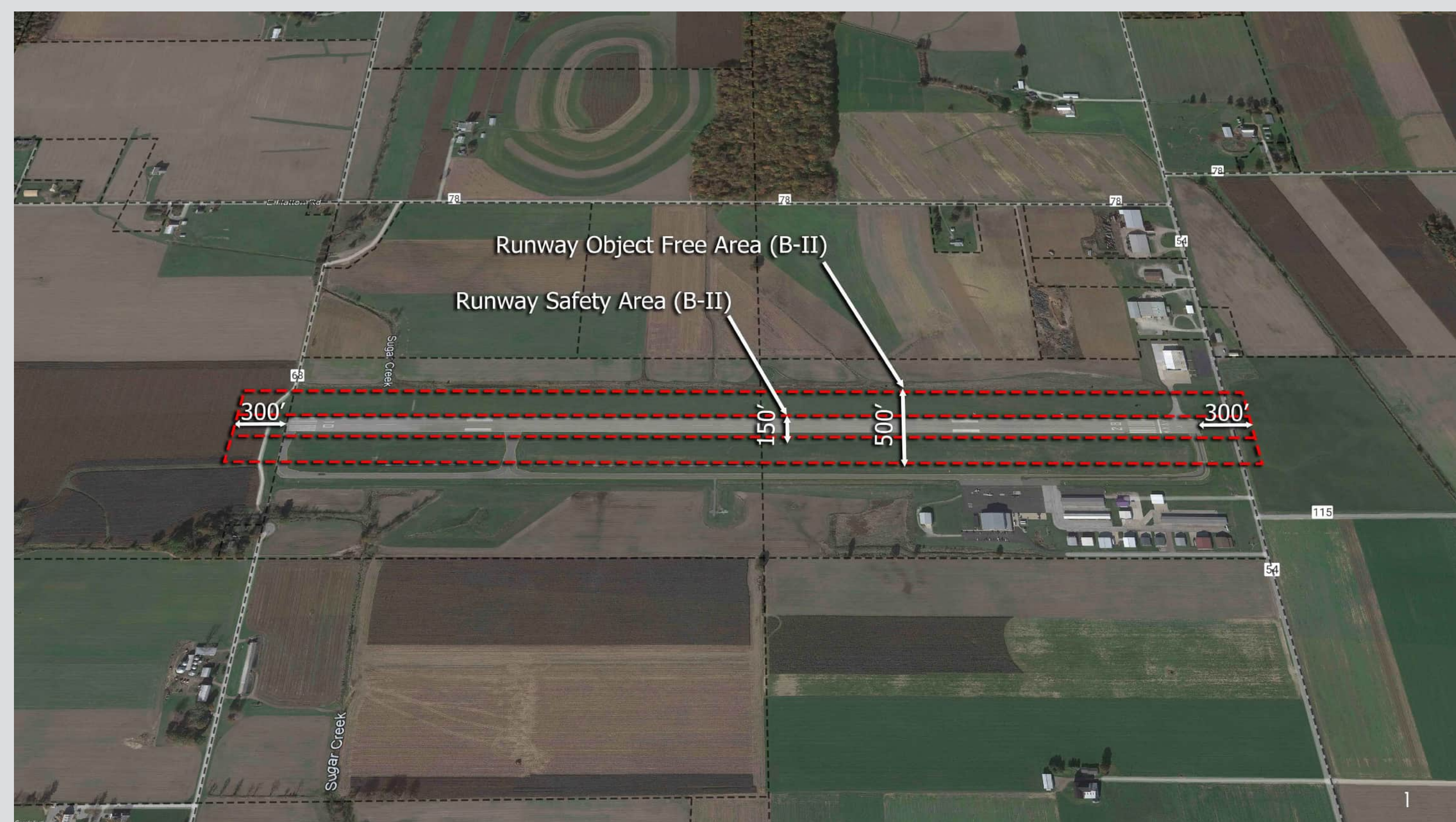


C-III

Gulfstream 550



Master Plan Focus Areas



- Runway Safety Area Improvements
- Improved navigational aids & lower minimums on approaches
- Corporate hangar development
- Additional apron space/re-configuration
- Adequate runway length
- Pavement maintenance



Next Steps



Scan QR code to visit the Master Plan website
BJJ-Master-Plan.com

- Submit Forecasts to FAA for review and approval
- Begin facility requirements
- Review and analyze obstruction data
- Develop alternatives
- Solicit your comments