



Saratoga County Airport

Airport Master Plan Update Public Meeting #2

May 20, 2014



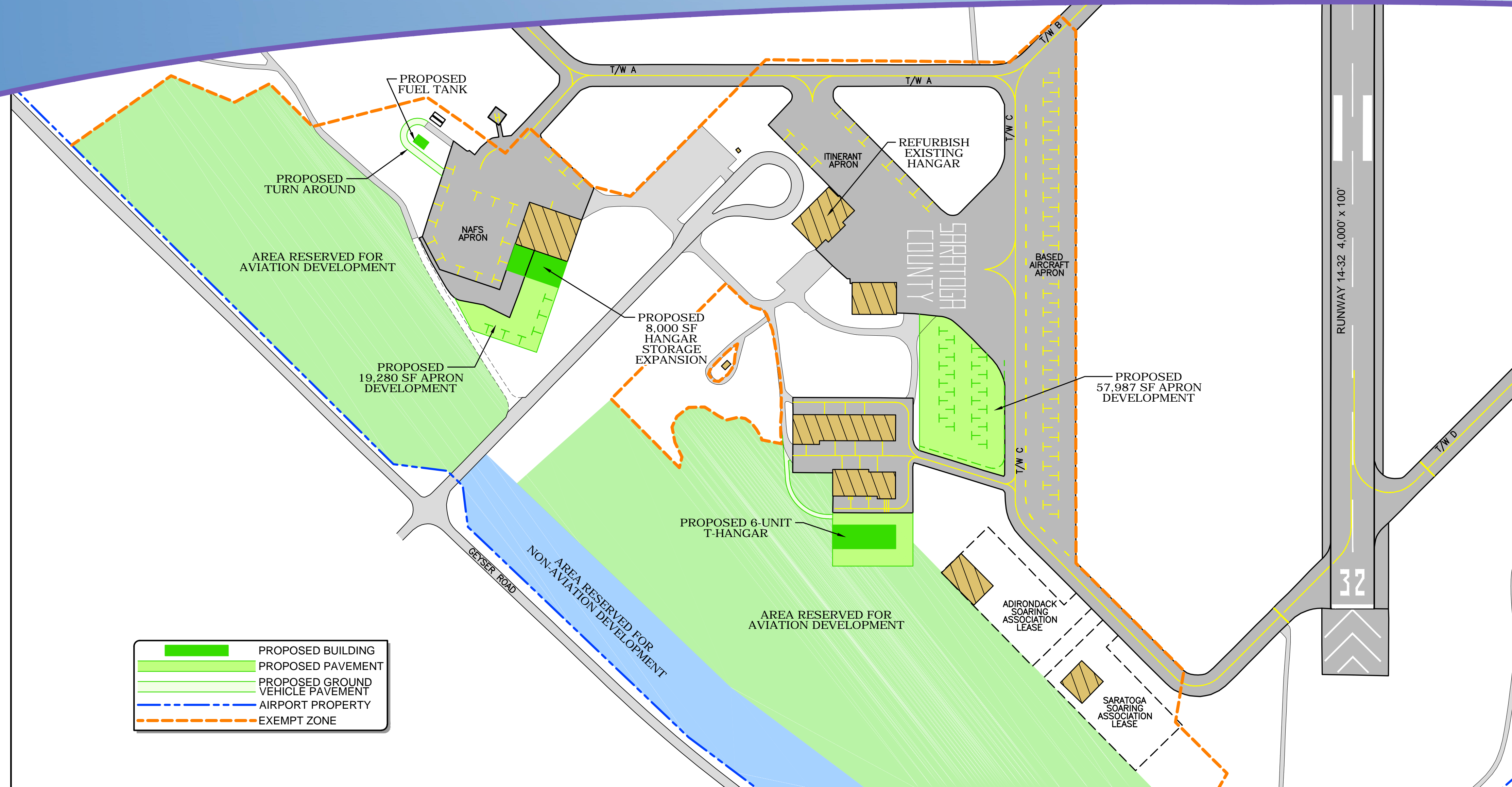
McFarland Johnson

- **Day-Night Level (DNL) is the Standard Federal Metric for Determining Cumulative Exposure to Noise**
- **DNL = 24 Hour Average Sound Level**
 - **Measured in Decibels**
 - **10 dB Penalty for Nighttime (10:00pm - 7:00am) Operations**
 - **Use of Integrated Noise Model (INM) to calculate DNL is Required**
- **FAA Considers 65 dB DNL as Threshold of Significance**

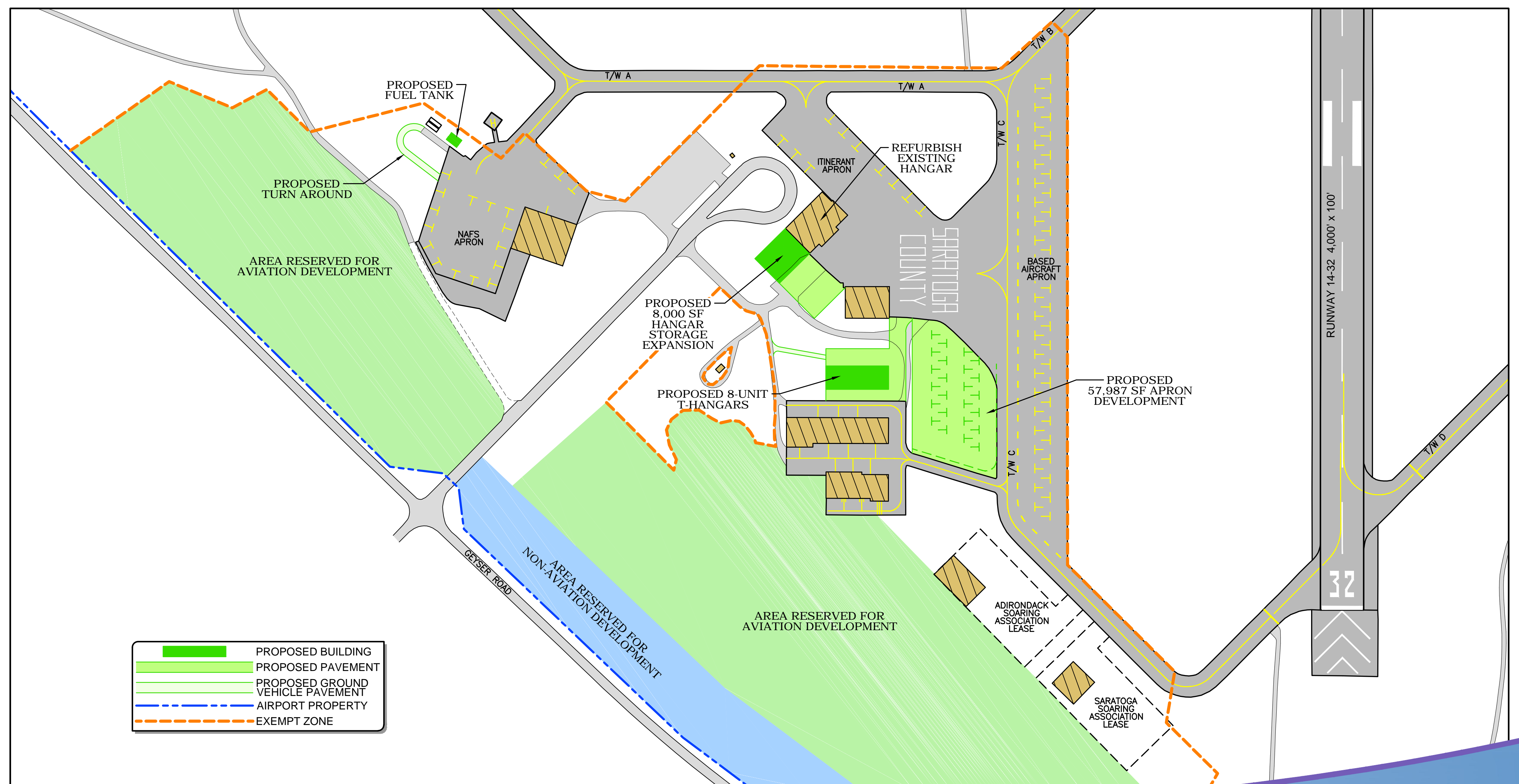


Landside Alternatives

Master Plan
Update



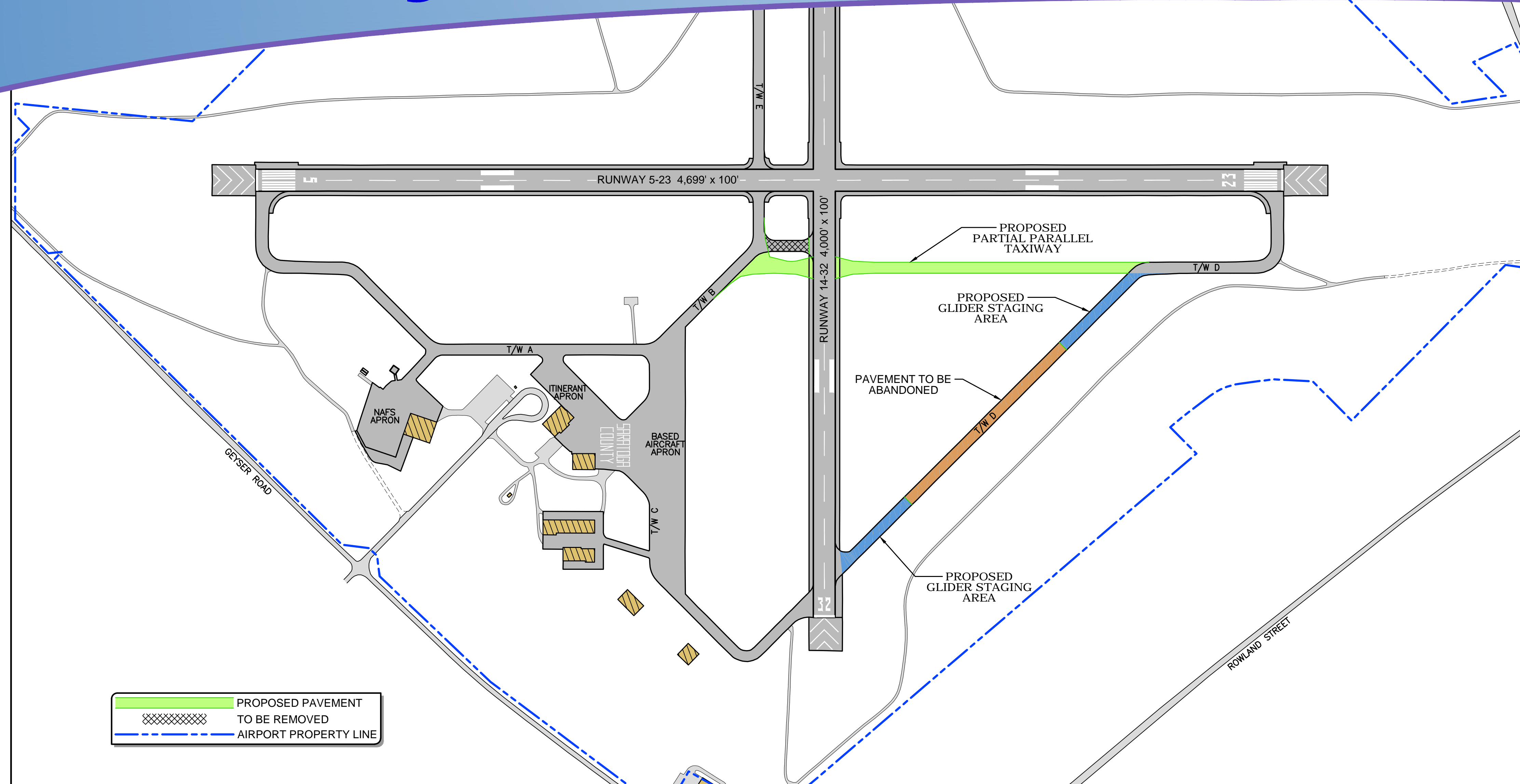
ALTERNATIVE 2



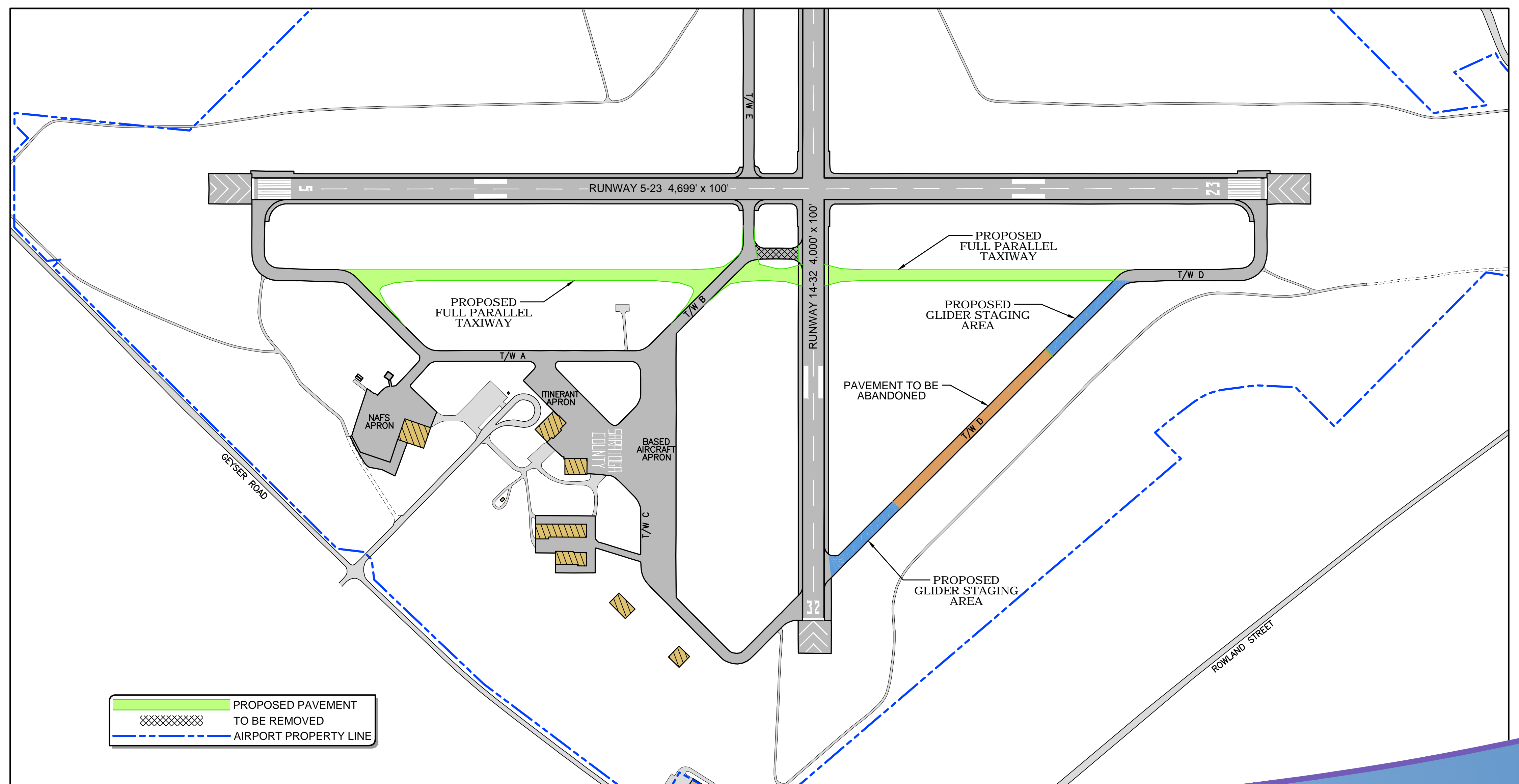
ALTERNATIVE 3



Taxiway Alternatives



ALTERNATIVE 2

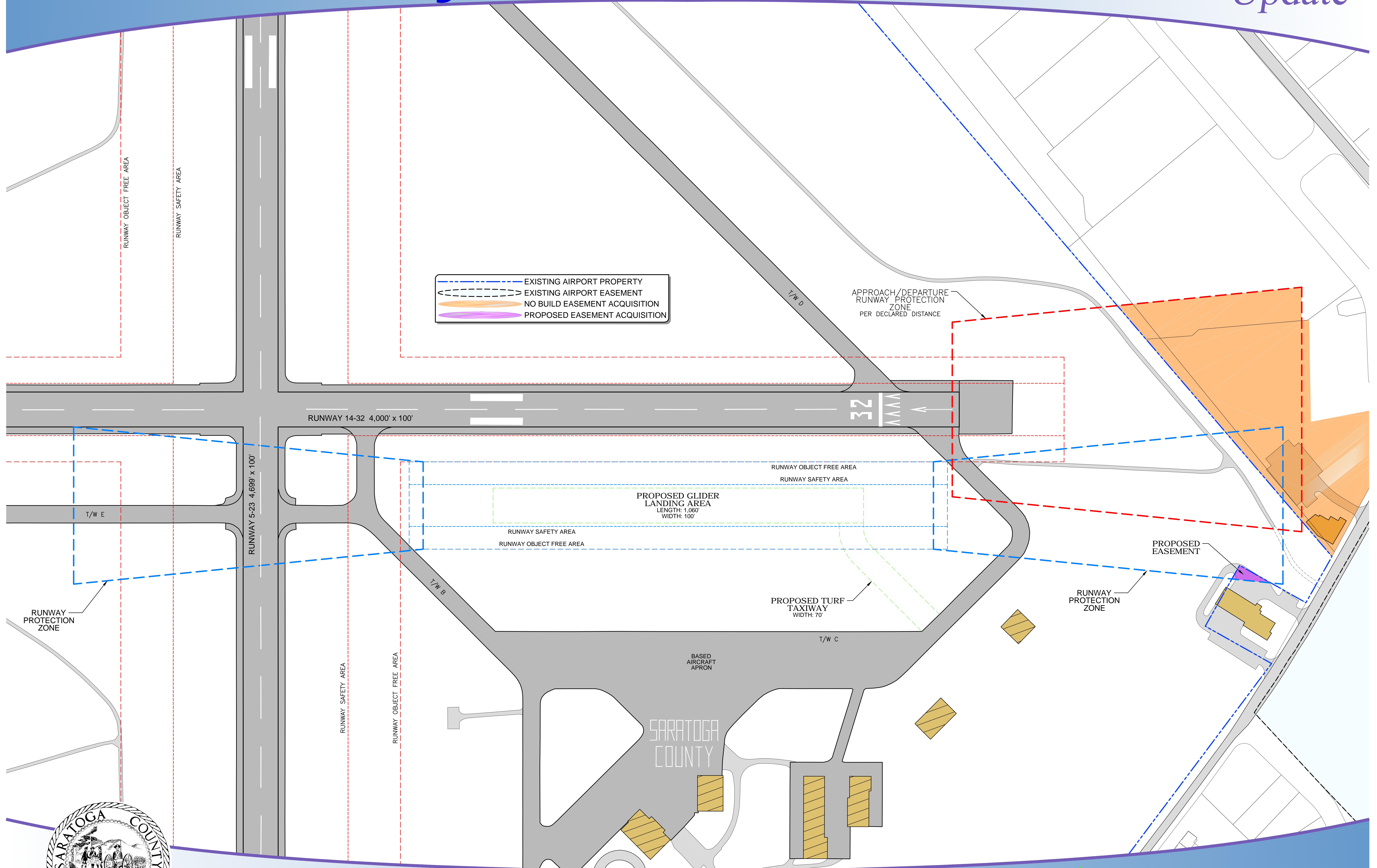


ALTERNATIVE 3



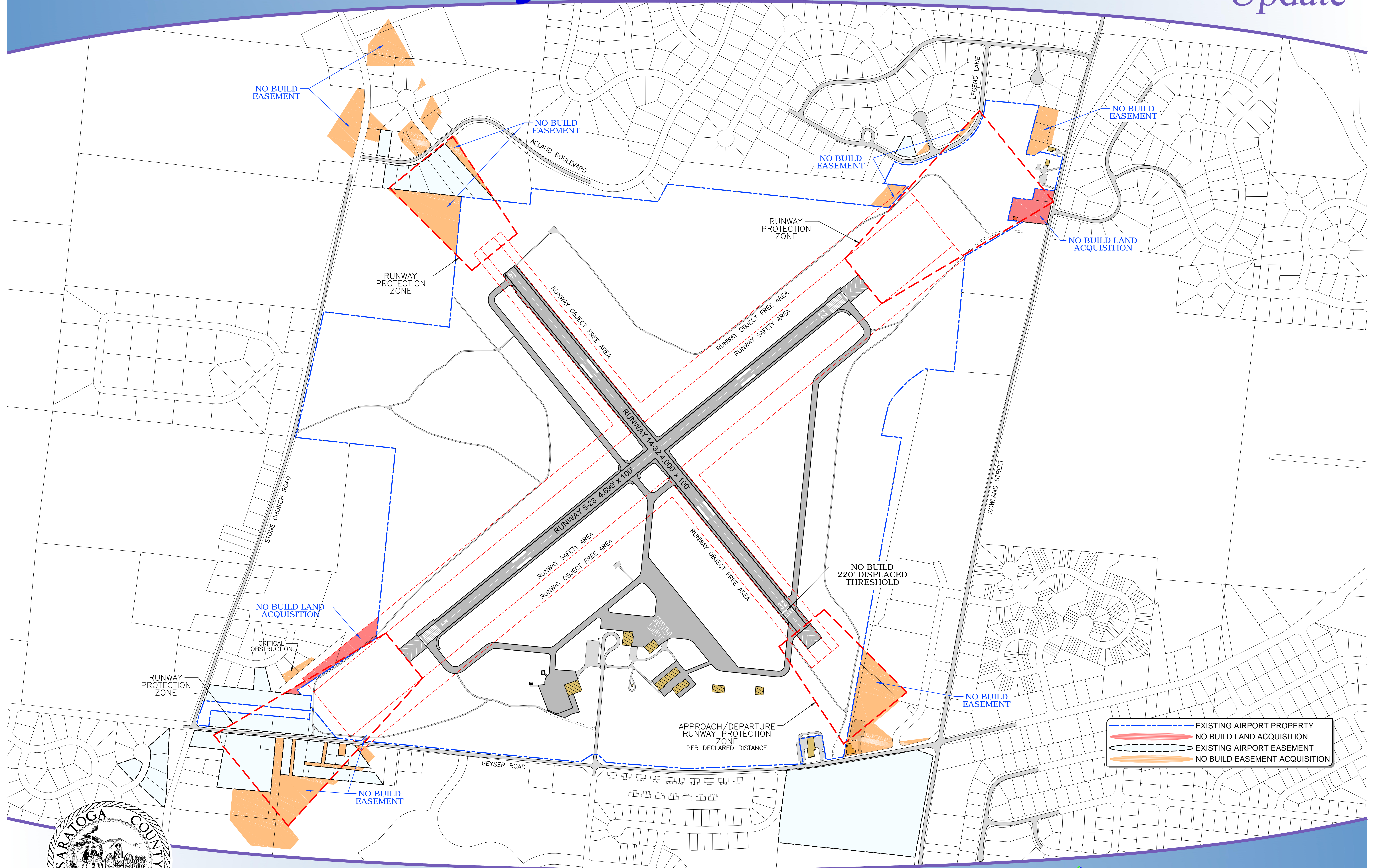
Glider Runway Alternative 2

Master Plan
Update



No Build Runway Alternatives

Master Plan
Update

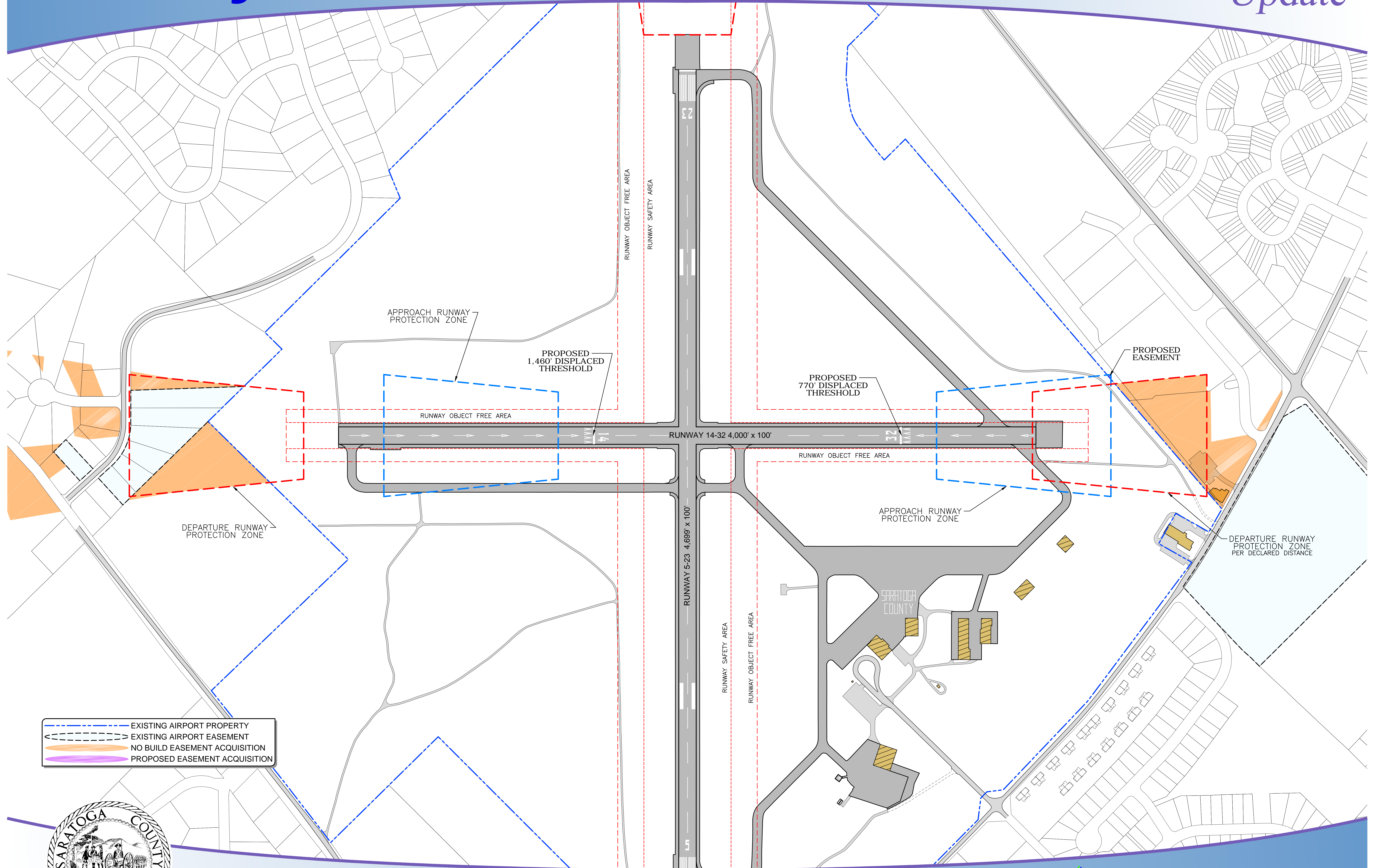


- EXISTING AIRPORT PROPERTY
- NO BUILD LAND ACQUISITION
- EXISTING AIRPORT EASEMENT
- NO BUILD EASEMENT ACQUISITION



Runway 14-32 Alternative 2

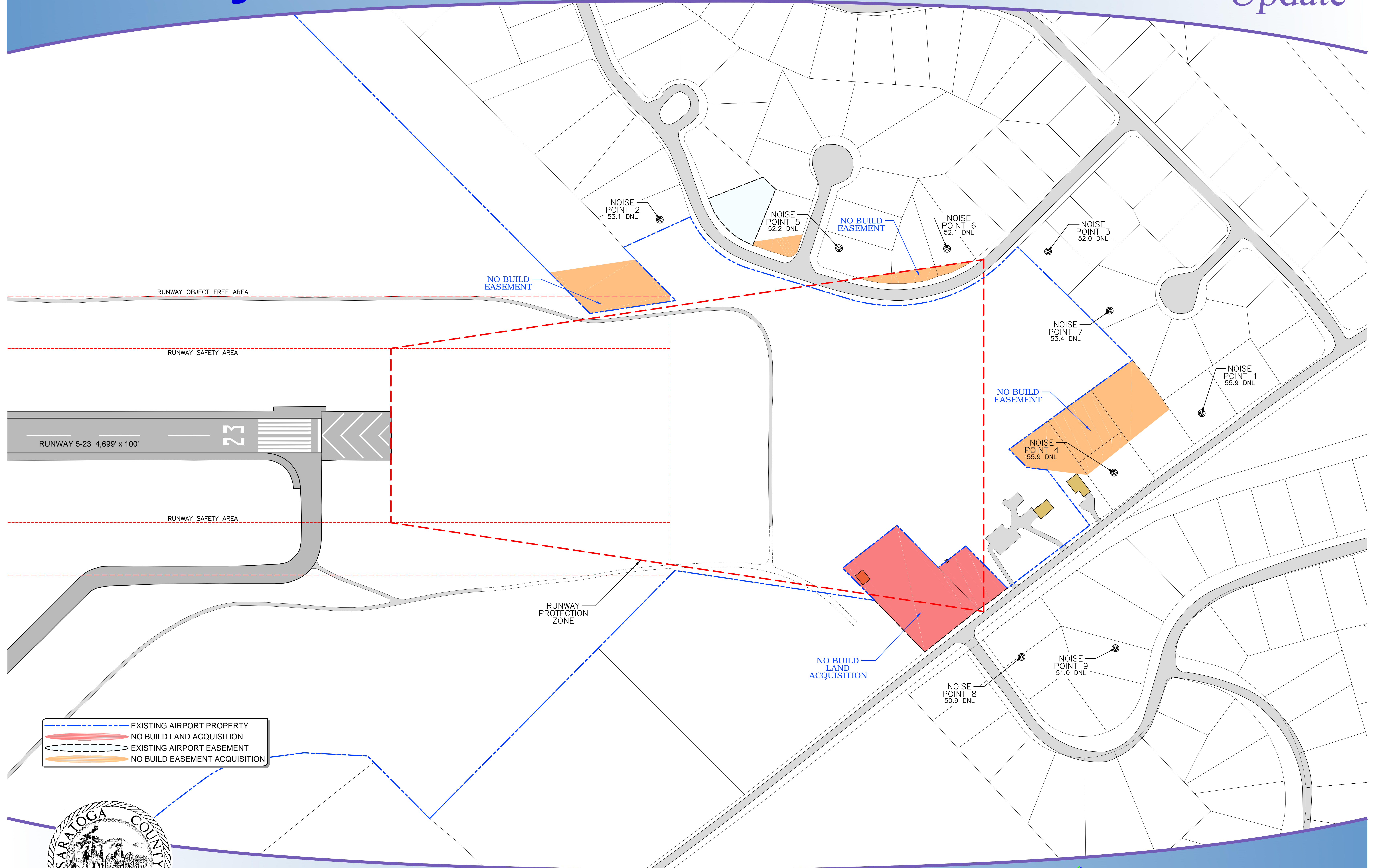
Master Plan
Update



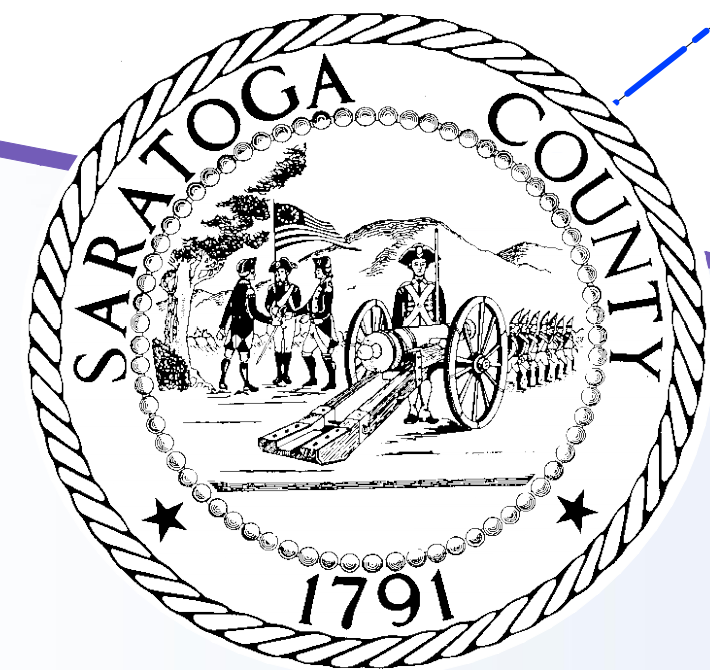
- EXISTING AIRPORT PROPERTY
- EXISTING AIRPORT EASEMENT
- NO BUILD EASEMENT ACQUISITION
- PROPOSED EASEMENT ACQUISITION



Runway 23 Alternative 1

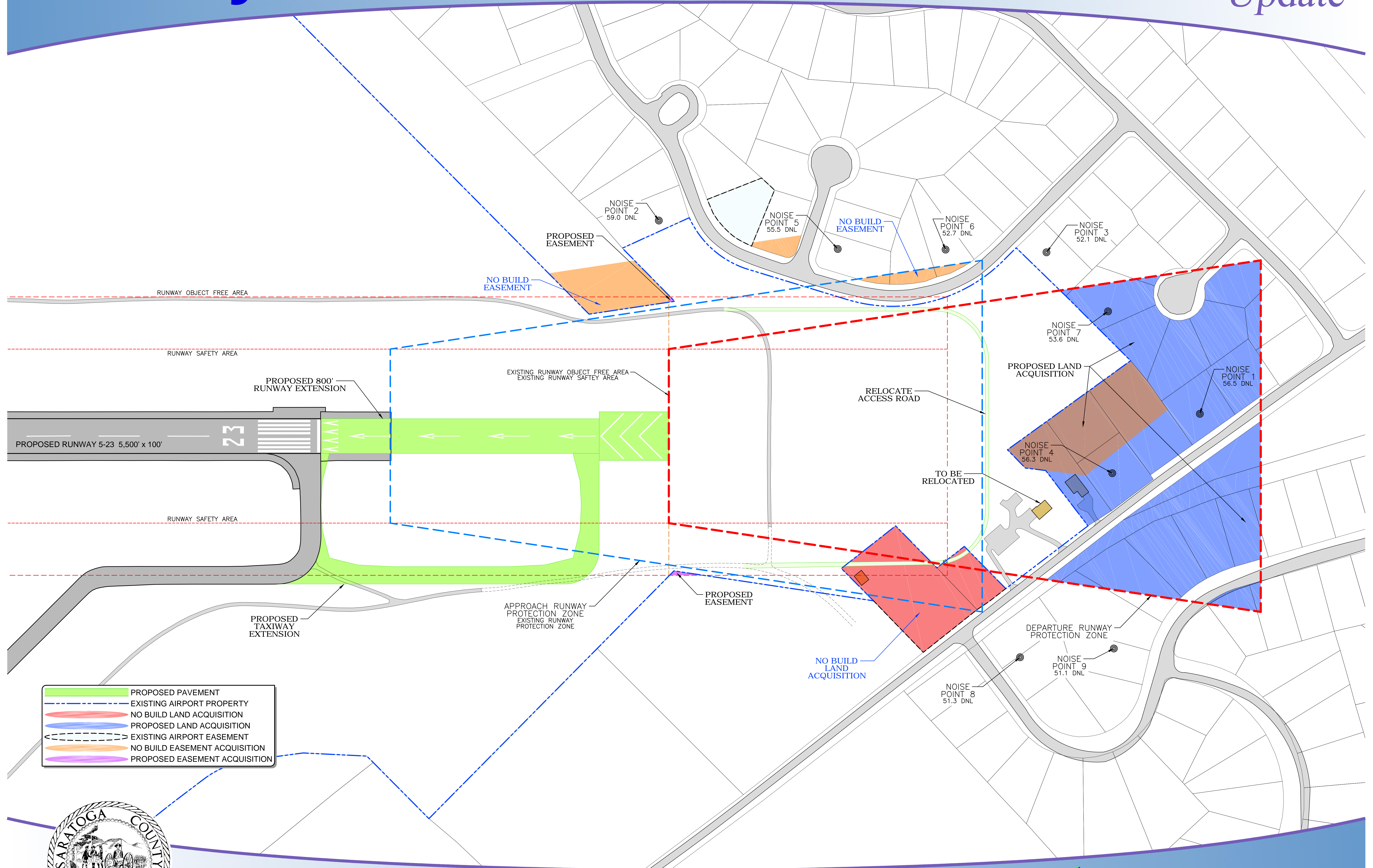


- EXISTING AIRPORT PROPERTY
- NO BUILD LAND ACQUISITION
- EXISTING AIRPORT EASEMENT
- NO BUILD EASEMENT ACQUISITION



Runway 23 Alternative 2

Master Plan Update

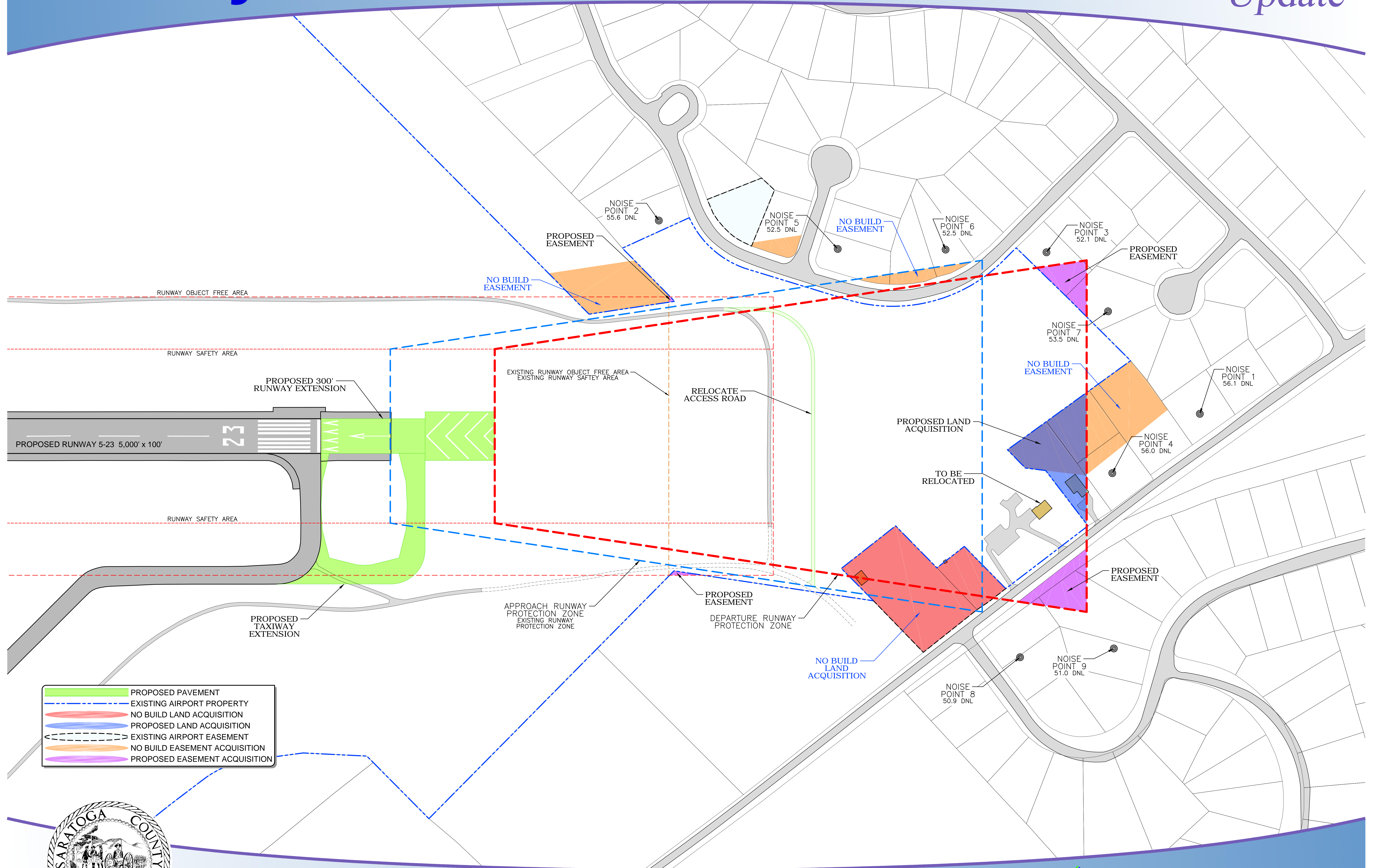


- PROPOSED PAVEMENT
- - - EXISTING AIRPORT PROPERTY
- - - NO BUILD LAND ACQUISITION
- - - PROPOSED LAND ACQUISITION
- - - EXISTING AIRPORT EASEMENT
- - - NO BUILD EASEMENT ACQUISITION
- - - PROPOSED EASEMENT ACQUISITION



Runway 23 Alternative 3

Master Plan Update

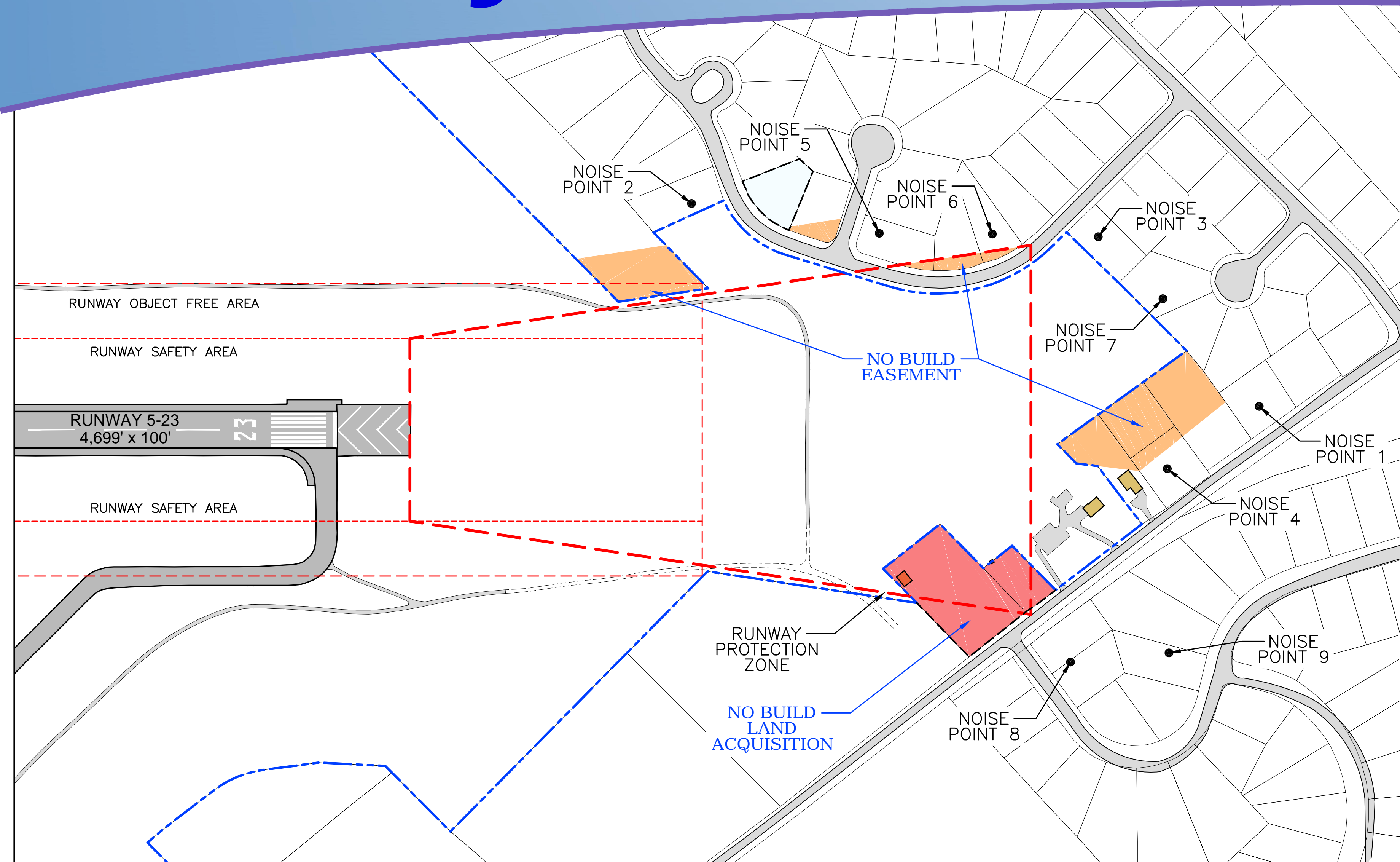


- PROPOSED PAVEMENT
- EXISTING AIRPORT PROPERTY
- NO BUILD LAND ACQUISITION
- PROPOSED LAND ACQUISITION
- EXISTING AIRPORT EASEMENT
- NO BUILD EASEMENT ACQUISITION
- PROPOSED EASEMENT ACQUISITION

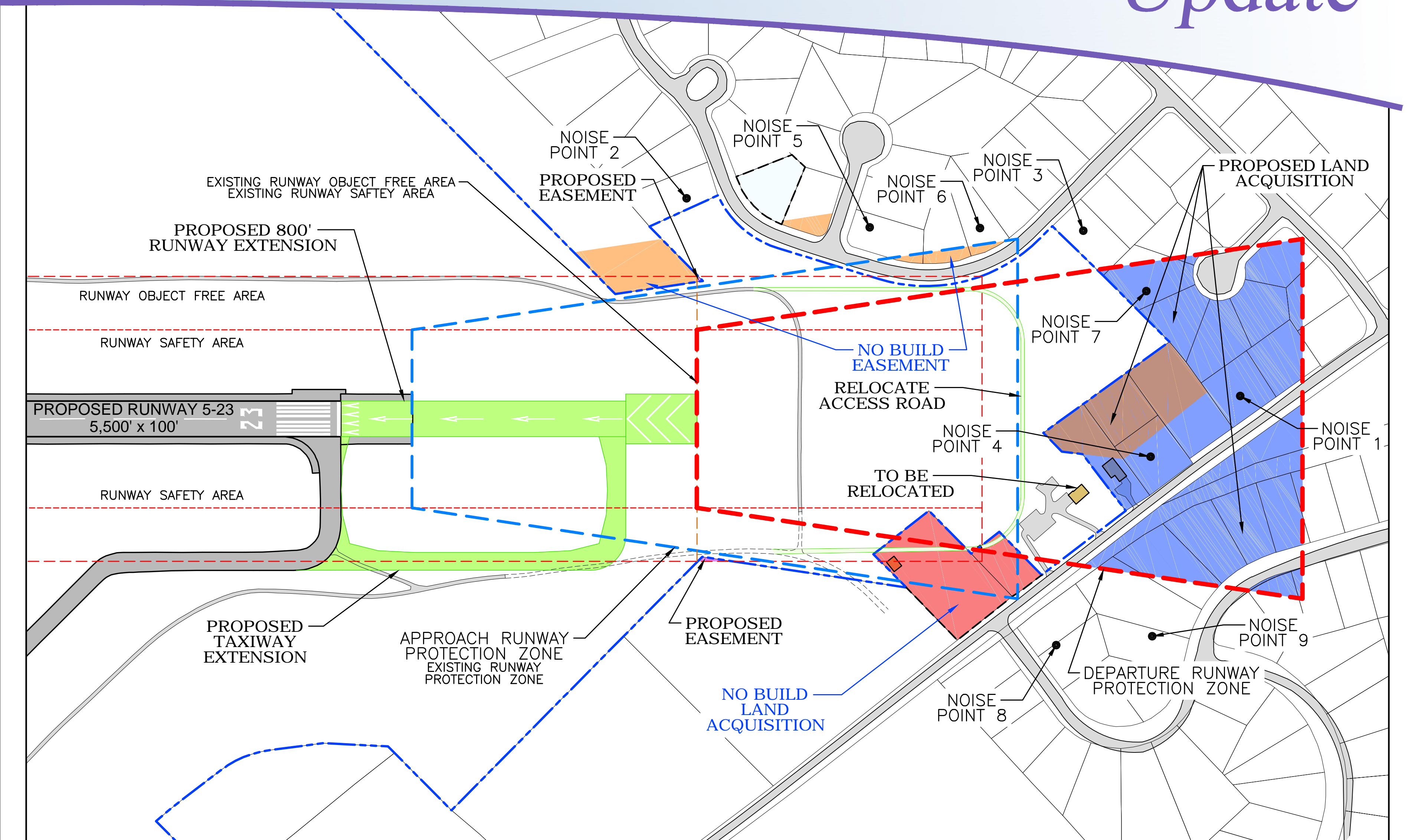


Runway 23 Alternatives

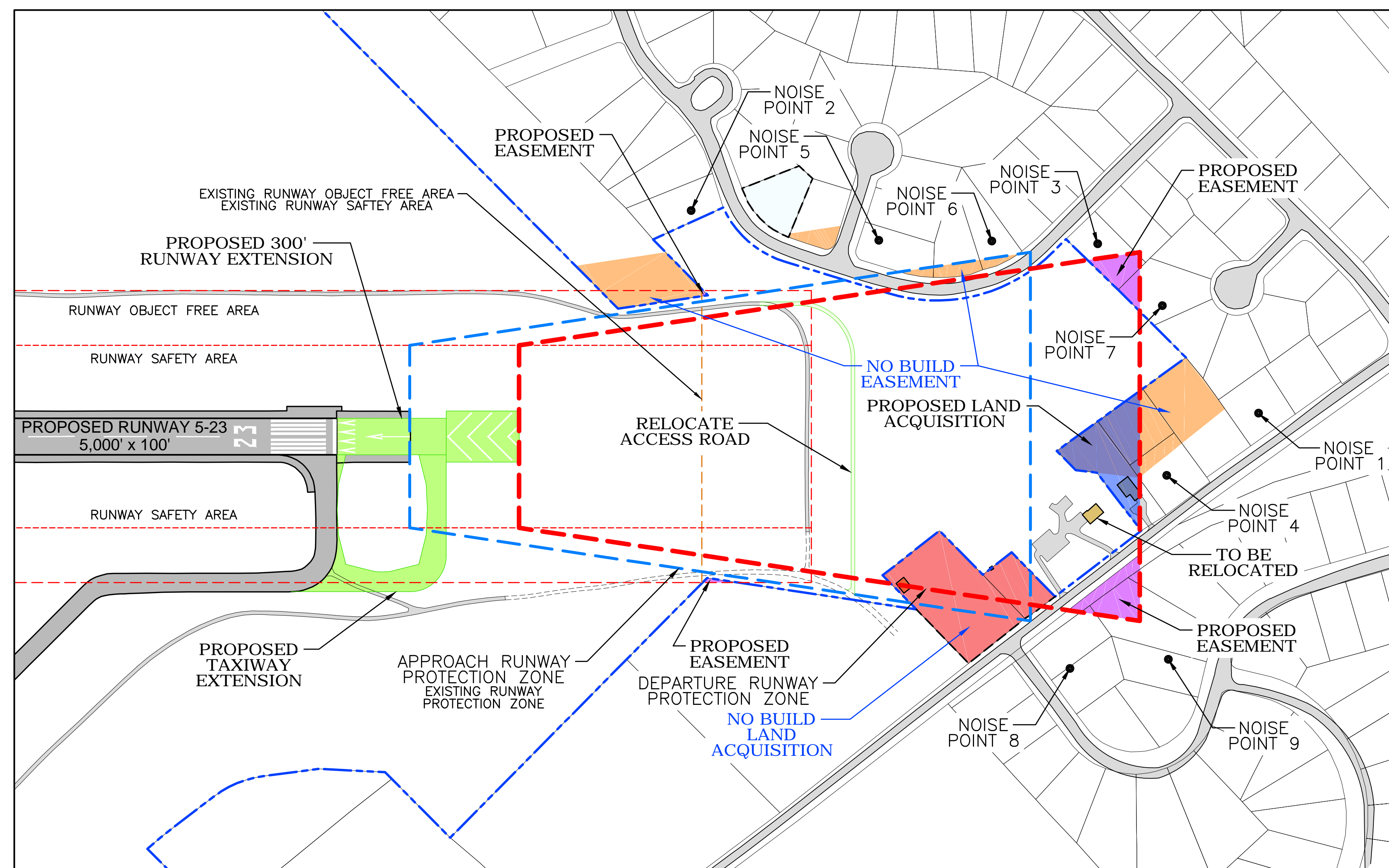
Master Plan Update



ALTERNATIVE 1 - NO BUILD



ALTERNATIVE 2



ALTERNATIVE 3

- PROPOSED PAVEMENT
- EXISTING AIRPORT PROPERTY
- NO BUILD LAND ACQUISITION
- PROPOSED LAND ACQUISITION
- EXISTING AIRPORT EASEMENT
- NO BUILD EASEMENT ACQUISITION
- PROPOSED EASEMENT ACQUISITION

NOISE POINTS			
NOISE POINT	ALTERNATIVE 1	ALTERNATIVE 2	ALTERNATIVE 3
1	55.9 DNL	56.5 DNL	56.1 DNL
2	53.1 DNL	59.0 DNL	55.6 DNL
3	52.0 DNL	52.1 DNL	52.1 DNL
4	55.9 DNL	56.3 DNL	56.0 DNL
5	52.2 DNL	55.5 DNL	52.5 DNL
6	52.1 DNL	52.7 DNL	52.5 DNL
7	53.4 DNL	53.6 DNL	53.5 DNL
8	50.9 DNL	51.3 DNL	50.9 DNL
9	51.0 DNL	51.1 DNL	51.0 DNL

