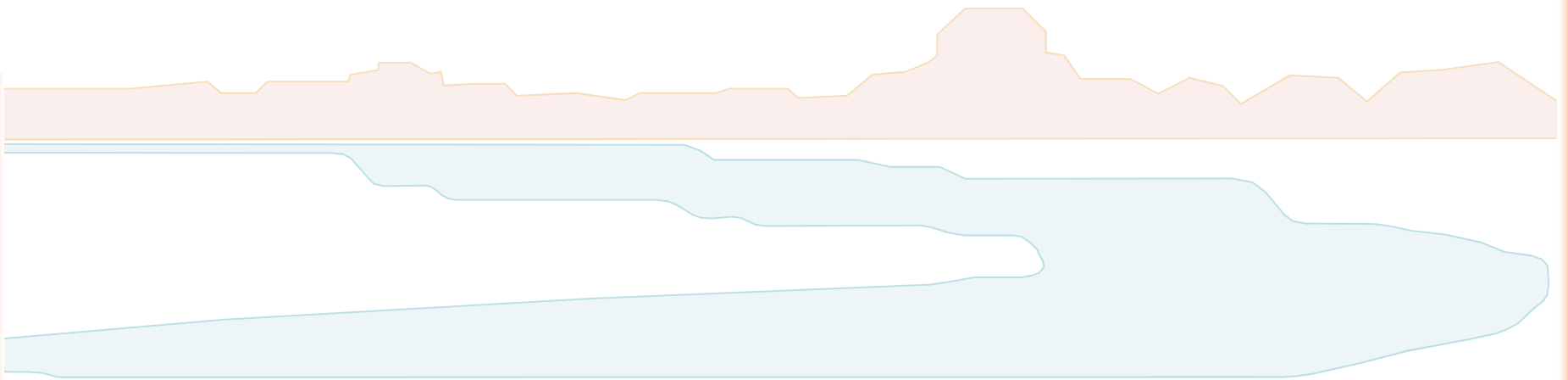




Rolle Field Masterplan and Development

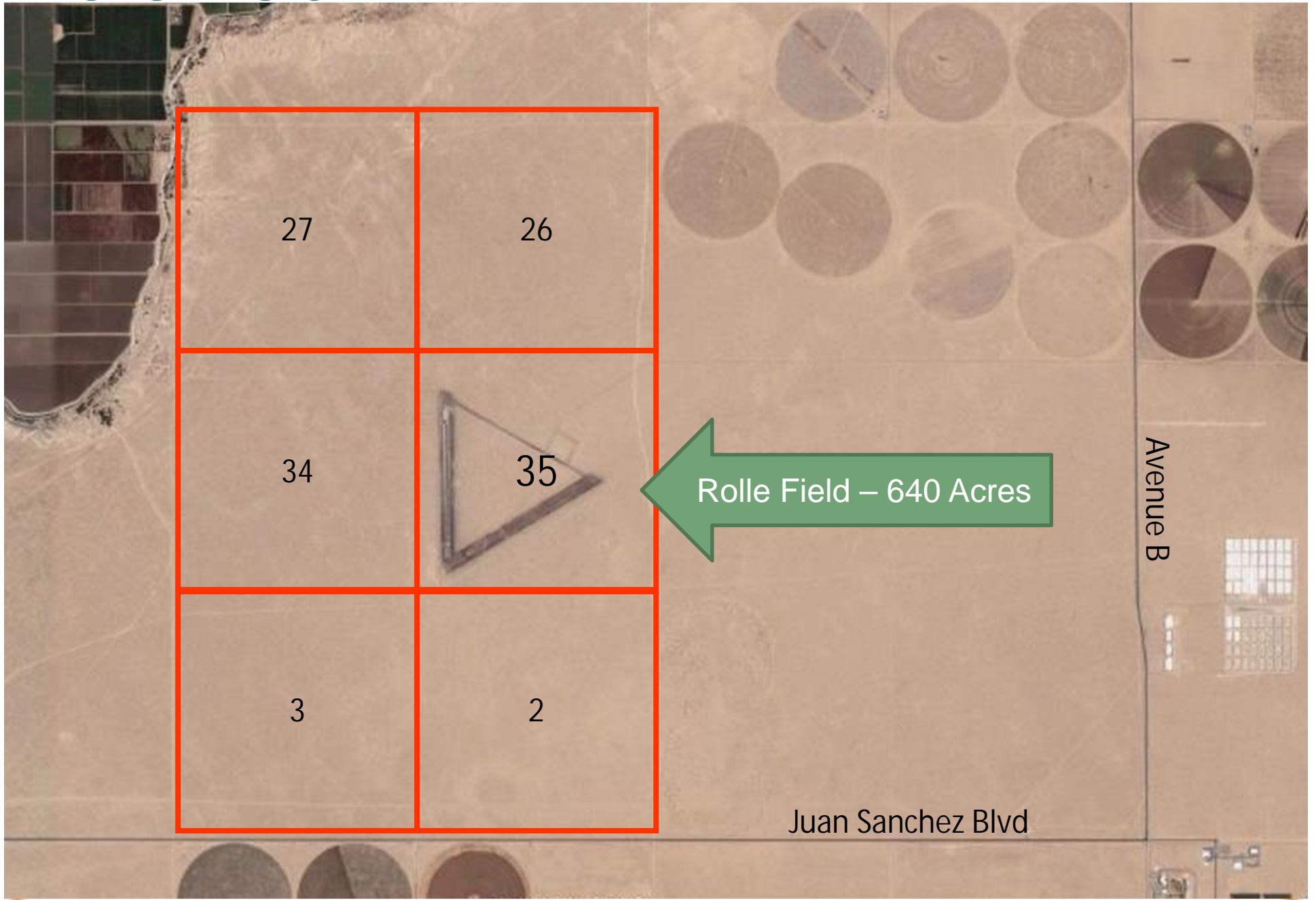
San Luis, Arizona



Rolle Field is managed and operated by

- Yuma County Airport Authority
 - An Airport Authority is an independent public agency
 - And a non-profit corporation
 - No taxes received from State, County, or City to operate
 - We are completely self supportive
 - Yuma County is our landlord
- Yuma County has a “License and Contract Agreement” from Bureau of Reclamation for Rolle Field
 - YCAA Manages Rolle Field on the County’s behalf
 - Current Agreement Expires in 2034
 - Working on New Agreement with BOR

Rolle Field



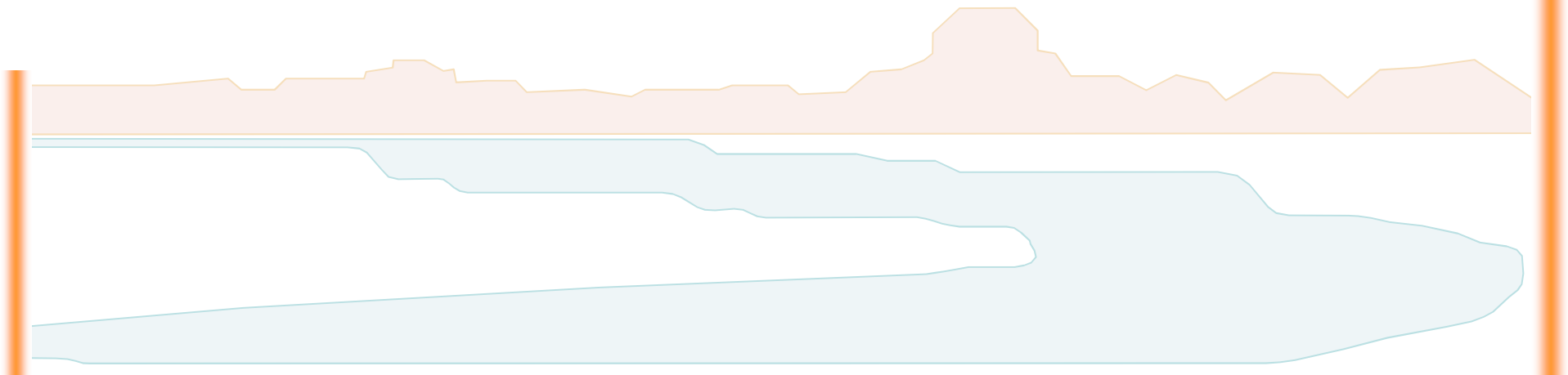
Rolle Field Today

- Paved 2,800' Runway-3 years old
- One 2,500 Sq. Ft. Hangar
 - Long Term Lease to UAS Industry Leader
- Full Security Fence/ Access Control
- Electricity: Generated on Site
- Water: Provide by well
- Sewer: Septic system installed
- Regularly used by Private Pilots



Rolle Field Master Plan

- ADOT Funded Update
- Completed May 2015
- Provides Road Map for Future
 - Projected Future Operations
 - Provides for Development Plans and Alternatives
 - Road Map for Future Capital Grant Funding



Rolle Field Master Plan – The Future

- Planning for growth in the South County

Rolle Field
Master Plan Update

Table 2-1: Historic and Forecast Population^{II}

Year	San Luis	Somerton	Yuma (City)	Yuma County
Historical				
1990	4,210	5,315	55,805	108,100
2000	17,038	7,558	79,486	164,992
2012	31,080	14,796	94,825	205,174
Forecast				
2018	41,556	15,831	115,799	227,200
2023	47,740	17,850	124,777	250,200
2028	53,496	19,730	133,133	273,600
2033	58,696	21,428	140,684	297,700

Rolle Field Master Plan – The Future

Table 2-8: Estimated Aircraft Operations Summary

Year	General Aviation	Military	Total
1988	5,400	600	6,000
1989	2,600	1,000	3,600
1990	2,600	1,000	3,600
1992	2,600	1,000	3,600
1995	2,900	1,000	3,900
1996	2,900	1,000	3,900
1998	2,900	1,000	3,900
2007	3,000	100	3,100
2012	7,257	100	7,357



More Aircraft

Rolle Field Master Plan – The Future

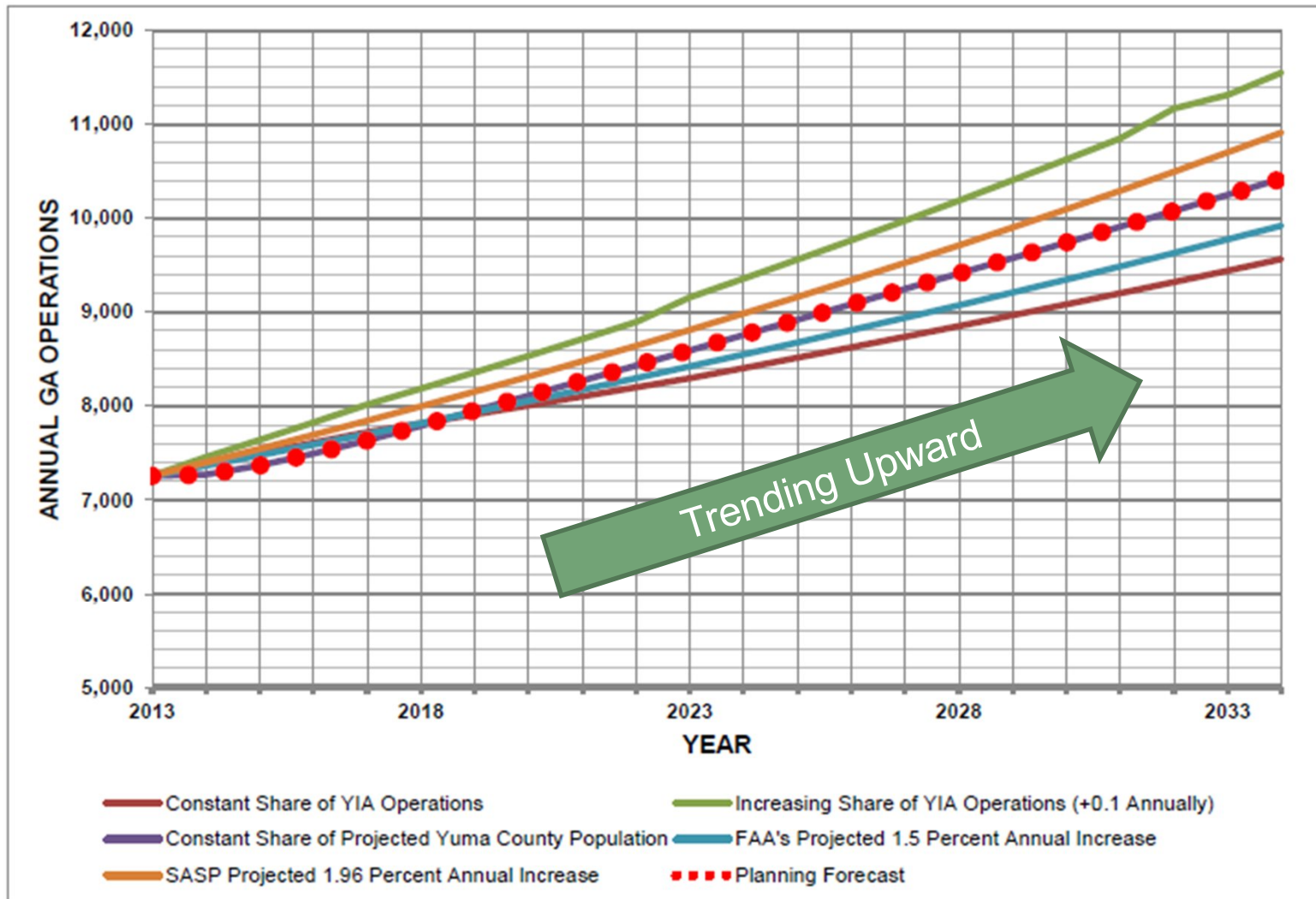
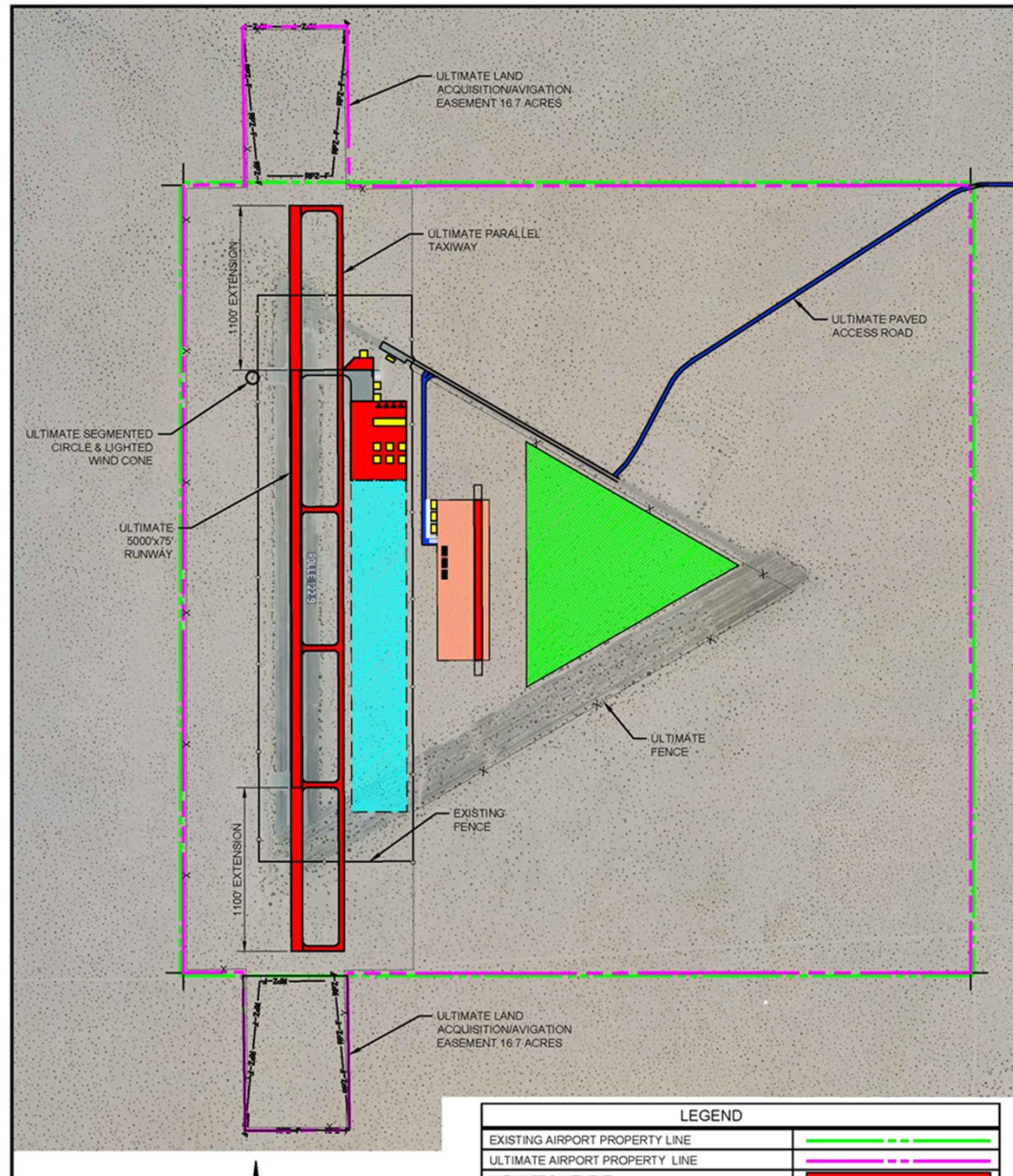


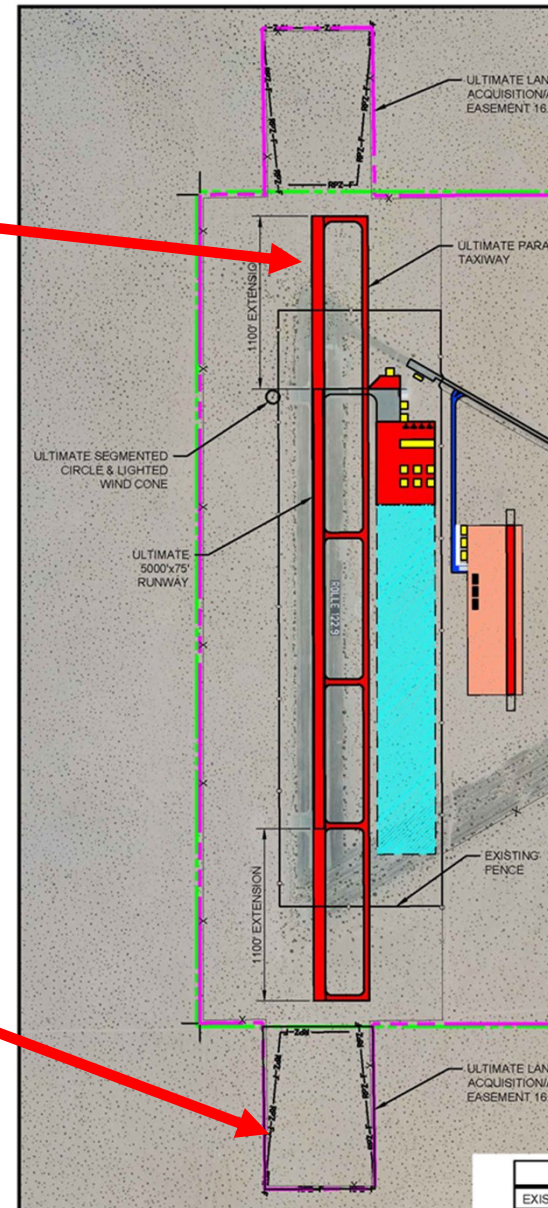
Figure 2-2: Annual General Aviation Operations Forecast

Rolle Field Master Plan – Meeting the Need



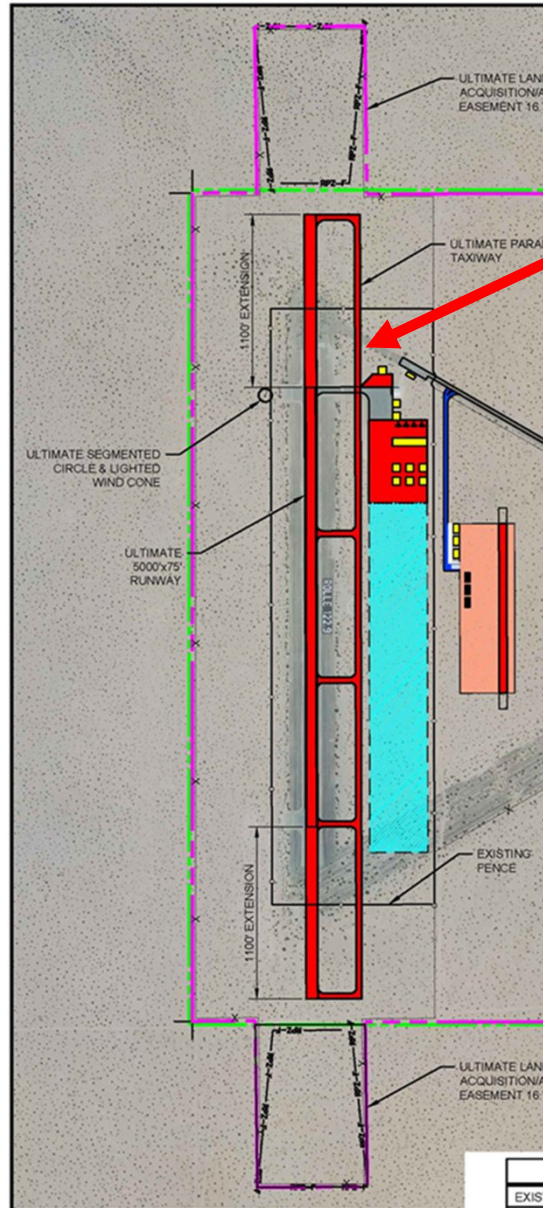
Rolle Field Master Plan – Meeting the Need

- **Extend Runway to 5,000'**
 - Pave to property line



- Obtain Avigation Easements

Rolle Field Master Plan – Meeting the Need



Construct Parallel Taxiway



Rolle Field Master Plan - Challenges

- Access Road
- Utilities
- On Site Security
- Airspace Issues
- Environmental Assessment for Development



Rolle Field Challenges - Access Road

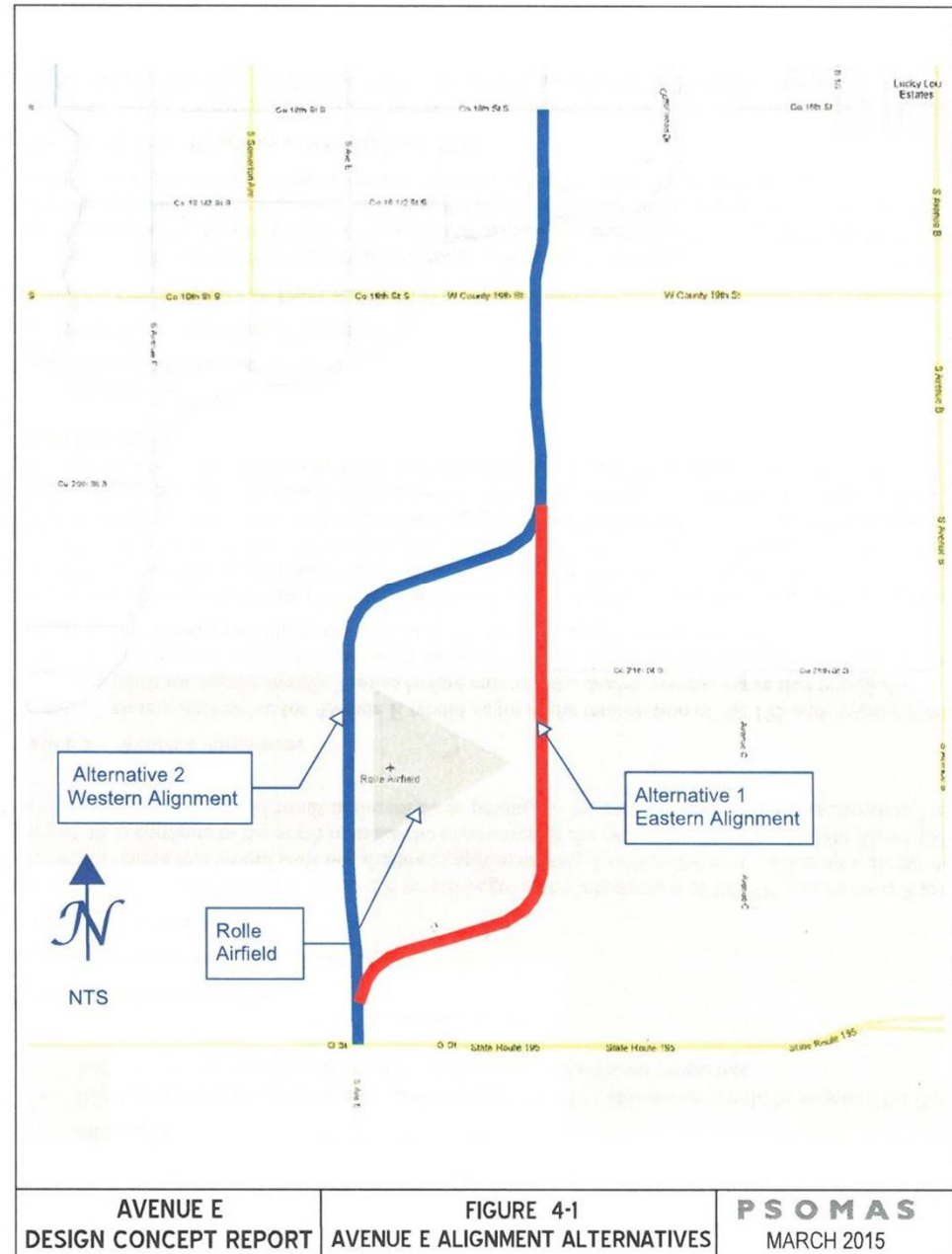
- Unimproved Access Road Limits Development
 - Emergency Vehicle Response Time
 - One More Hangar



Rolle Field Challenges – Access Road

PSOMAS

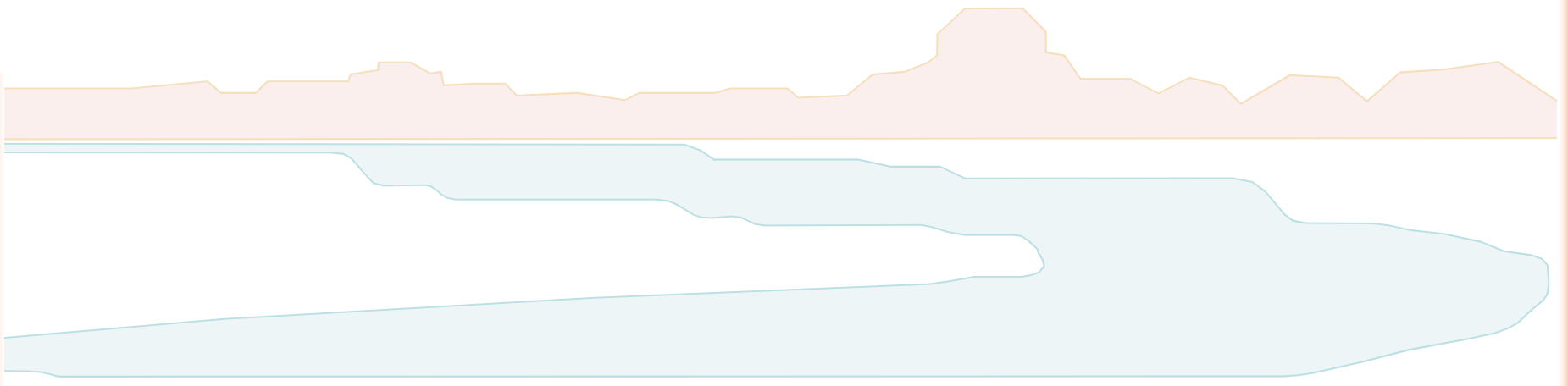
- Ultimate Solution
– Timing



Rolle Field Challenges - Utilities

- Well water adequate for immediate future only
- Septic systems adequate as well
- Electricity is ultimate limiting factor
 - Estimates of \$1M Cost

NOTE: Without a consistent revenue source the Airport is unable to invest in the electrical upgrade however without the electrical it is difficult to secure future business.

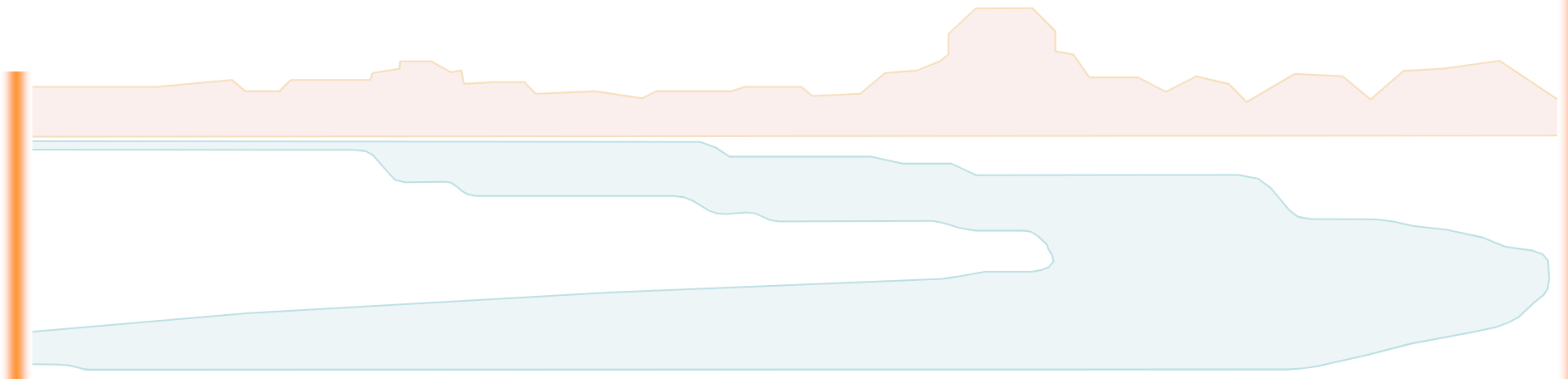


Rolle Field Challenges

- Significant future investment will require on site presence
 - Airport administration
 - Airport operations personnel
- Municipal / YCAA partnership solution?
 - Provide ground/infrastructure for emergency response station or similar at reduced or no cost
 - Valuable location on Avenue E alignment

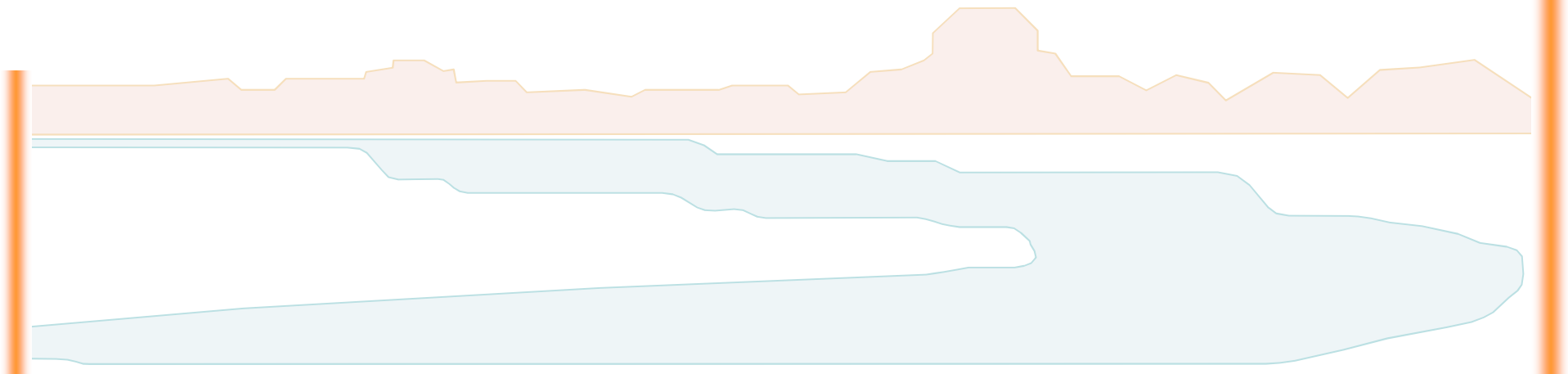
Rolle Field Challenges (Environmental Assessment)

- YCAA has obtained ADOT Grant
- Consultant selection process is underway
- Completed EA projected for summer of 2017
- EA will provide foundation for BOR approval of further development



Why develop Rolle Field?

- Economic Development Opportunity for South County
- Academia Opportunities
- Corporate Aviation Access to South County



Rolle Field Opportunities - Research

- **UAS**

- Research and Development : UofA
- OTE: Navmar, Grumman, Boeing, Lockheed, AV

- **Sensors**

- R&D – Compass Systems, SAIDS, RRTO, Textron

- **Agriculture**

- John Deere: Unmanned Planting, Applicators, Harvesting
- Local Growers: Unmanned Harvesting

Role Field Opportunities - Research



TEXTRON



Role Field Opportunities - Research



NORTHROP GRUMMAN



LOCKHEED MARTIN



Raytheon



Rolle Field Opportunities - Academia

- Arizona Western College

- U of A Partnership
- AWC San Luis (40 acre campus)
- Starting Engineering curriculum



- Northern Arizona University

- Business Incubator
- Startup Small Hi-Tech Businesses



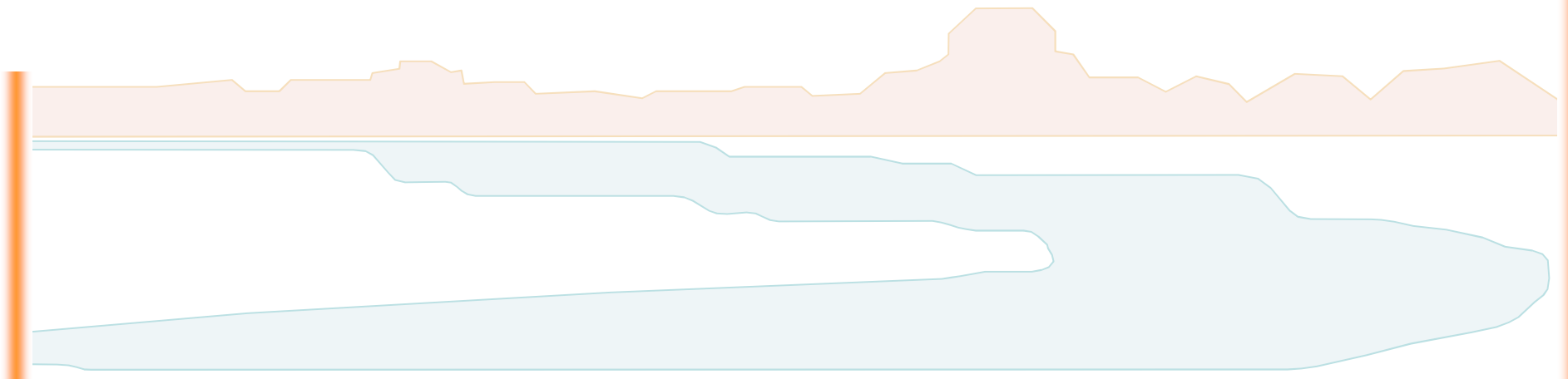
- University of Arizona

- Establish a presence at Rolle
- Add curriculum with degree programs in Yuma



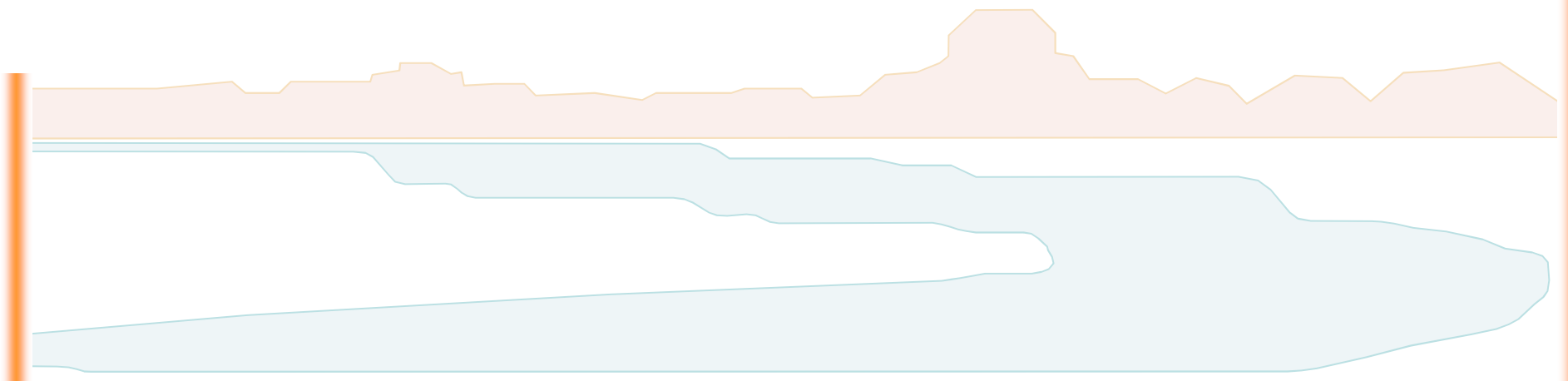
Rolle Field Opportunities – Corporate GA

- **GA Aircraft Access to South County**
 - Corporate Decision Makers
 - Government Agencies
 - Municipal Officials
 - Border Security



YCAA Works for South County Aviators

- Mission is to promote and foster civil aviation
- Working everyday to improve and expand the only improved airfield in San Luis, Arizona
- Investments in South County aviation at no cost to the City of San Luis
- The Airport can always use your help but most importantly your valuable input.



Let your imagination soar . . .



. . . at Rolle Field

Gladys Wiggins, CM- Airport Director
(928) 726-5882