STRATEGIC DEVELOPMENT PLAN

SAAS
San Antonio Airport System

Welcome

Russ Handy
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City of San Antonio

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“Will it Fit?” Preliminary Findings

Presented by John van Woensel

WSP Consultant Team Project Manager

October 2018

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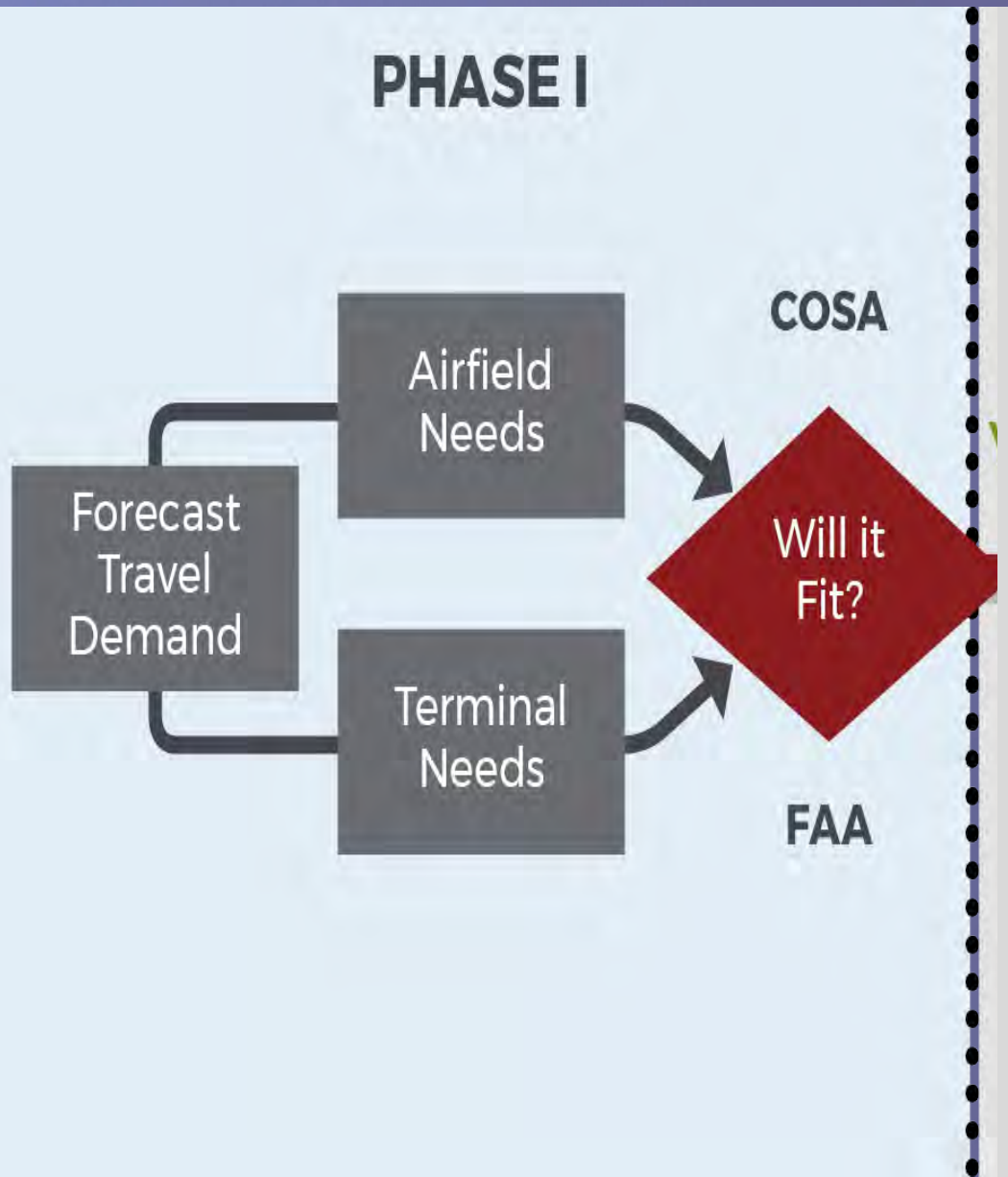
- Introduction & overview
- New airport site considerations
- Future air travel demand
- Future facility needs
- “Will it fit?”
- Next steps

Stakeholder Engagement

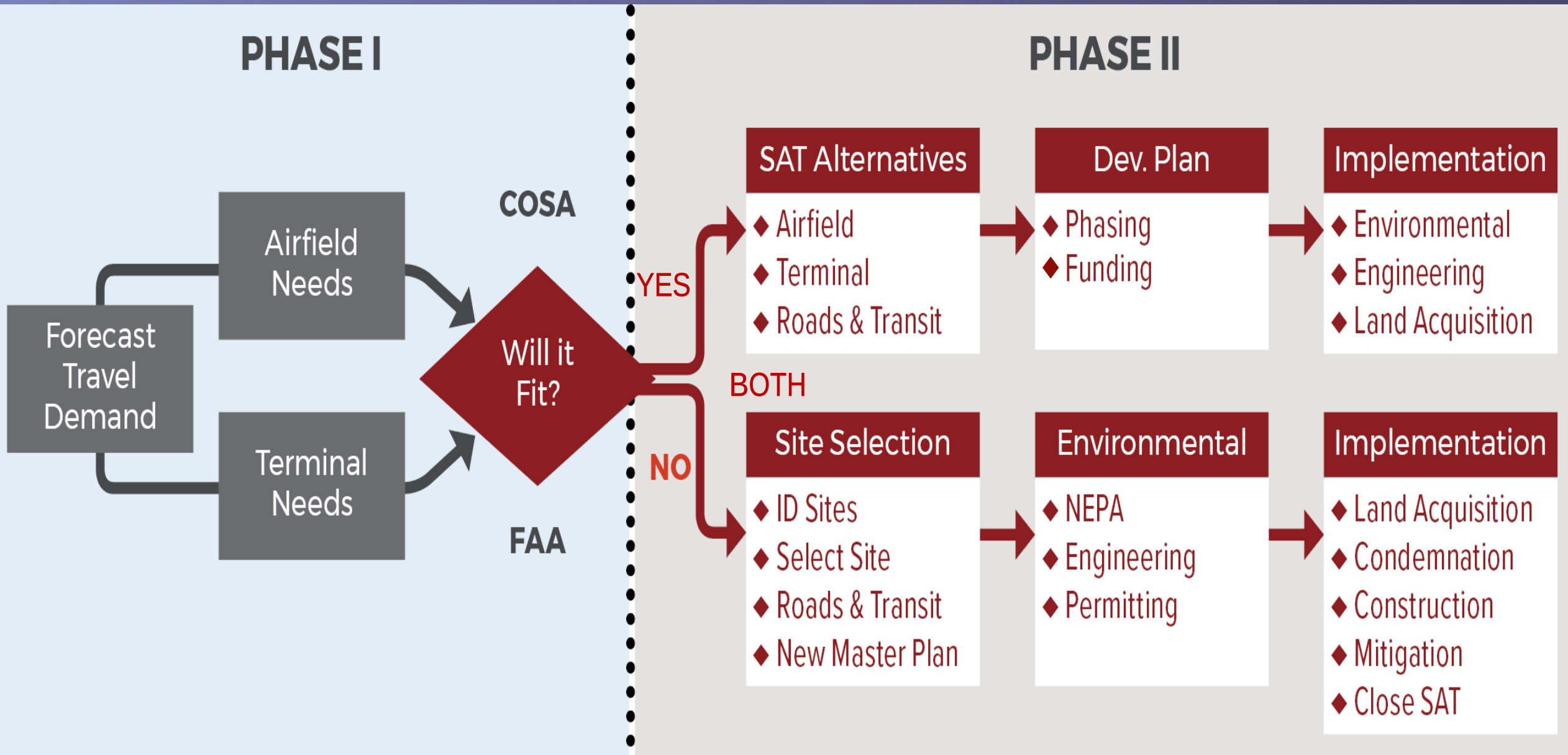
Highlights of stakeholder engagement as of Oct 12:

- 166 participants in visioning sessions
- 373 interactions at 10 popups around the city
- 4,636 open house invitations to neighbors
- 1,337 requests to be on the mailing list
- 2,265 completed surveys

Current Status of Study Process



Current Status of Study Process



New Airport Site Considerations

- High capital cost of new airport requires FAA funding participation
- FAA's new airport site selection process starts when studies show an existing airport cannot be expanded to meet future demand
- Airlines must support the need for a new airport
- Land required for a new airport could be 5,000 to 6,000 acres
- Total cost could likely be in the range of $5B to $10B
- May take 15-20 years or longer

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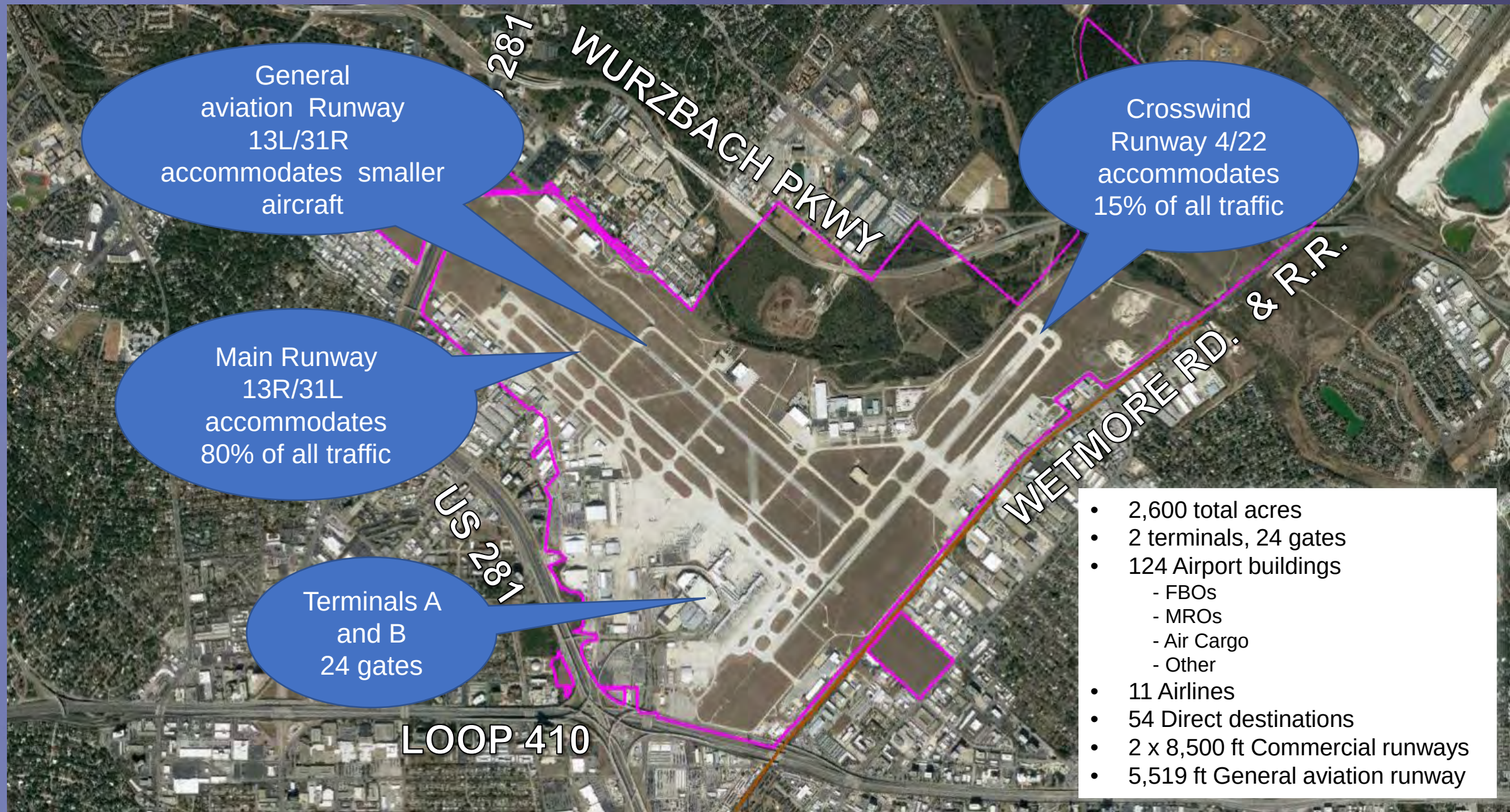
SAT “Will it Fit?” Preliminary Findings

Overview: Existing Airport



- 2,600 total acres
- 2 terminals, 24 gates
- 124 Airport buildings
  - FBOs
  - MROs
  - Air Cargo
  - Other
- 11 Airlines
- 54 Direct destinations
- 2 x 8,500 ft Commercial runways
- 5,519 ft General aviation runway

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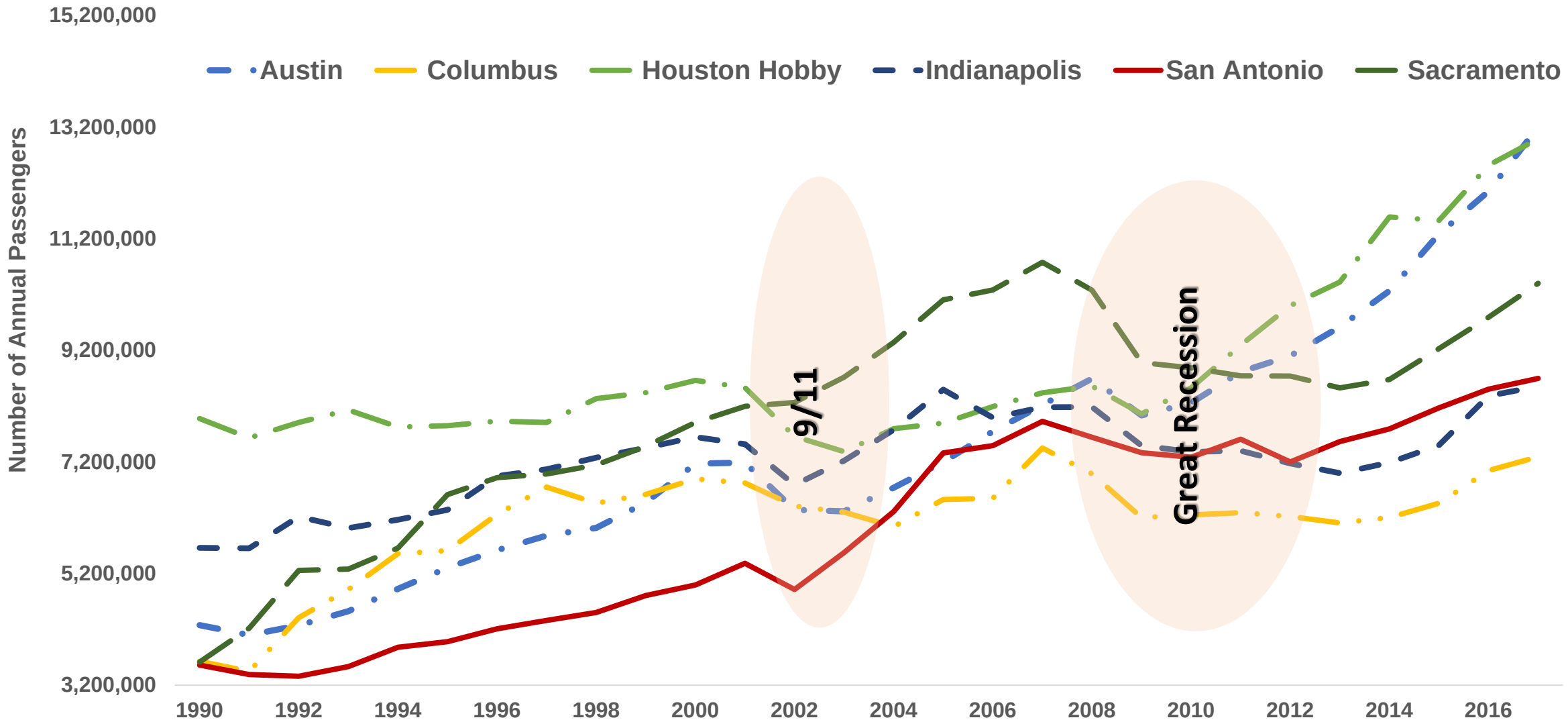
Forecast: Future Air Travel

Historic Airport Passenger Growth



Source: FAA TAF; 2016 is the last actual year available.

SAT Passenger Growth Forecast

This forecast includes a range of possible outcomes, using a base forecast of 2.0% compounded average annual growth that was submitted to the FAA, to a high growth forecast of 2.4% compounded average annual growth per year used for the 50-year Strategic Development Plan.

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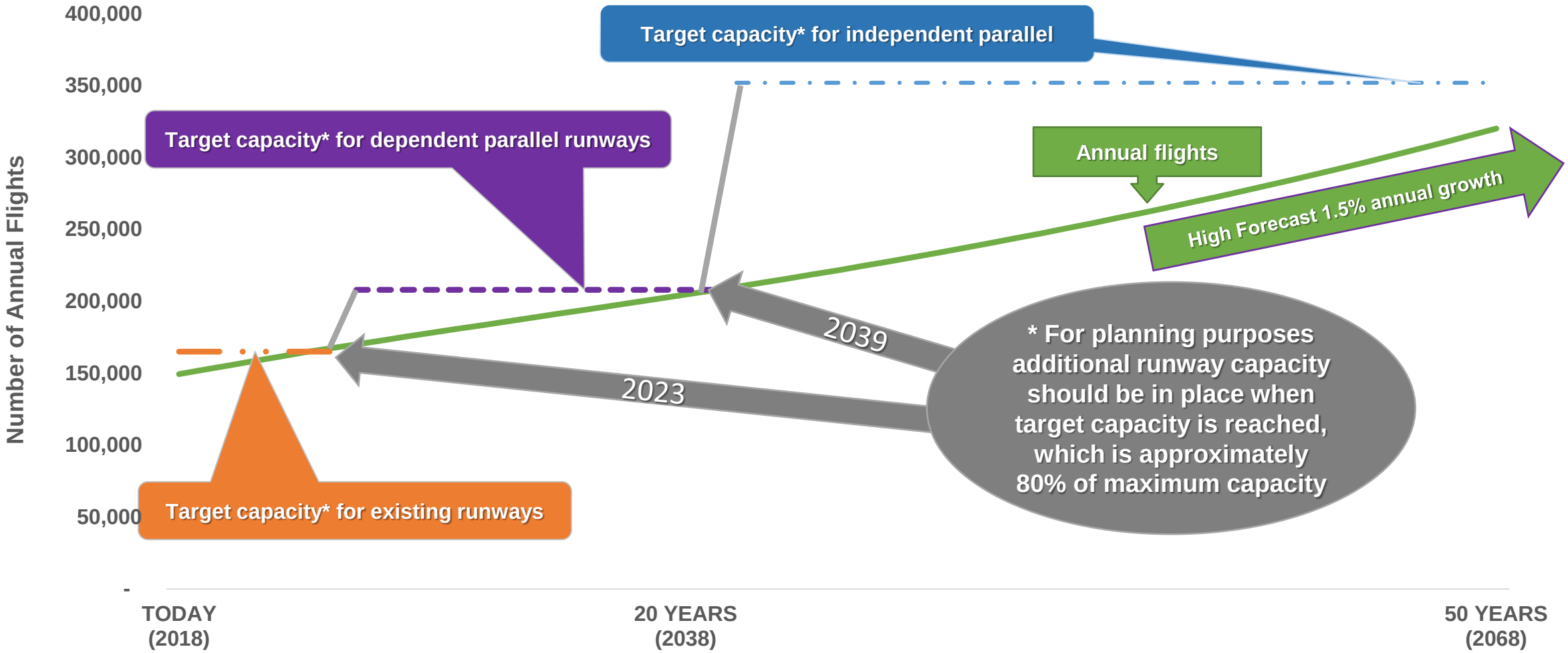
Future Needs: Airfield

Aircraft Operations and Airfield Capacity



Dependent parallel runways are closely spaced (700 feet to 2,500 feet from an existing runway) and independent parallel runways are widely spaced (separated by at least 3,000 feet).

2068 “Will it Fit?” Airfield Capacity

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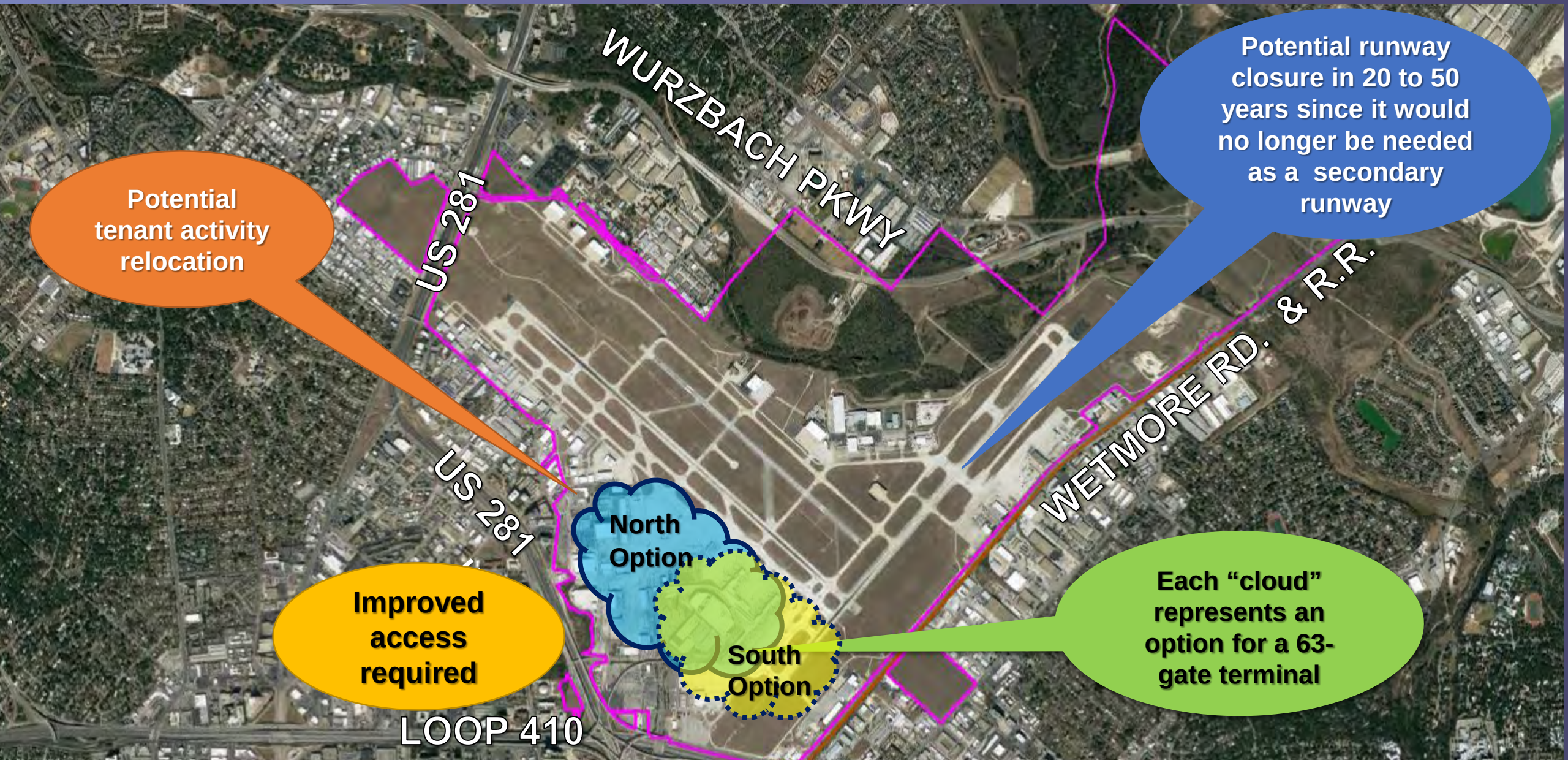
Future Needs: Passenger Terminal

Passenger Terminal Requirements

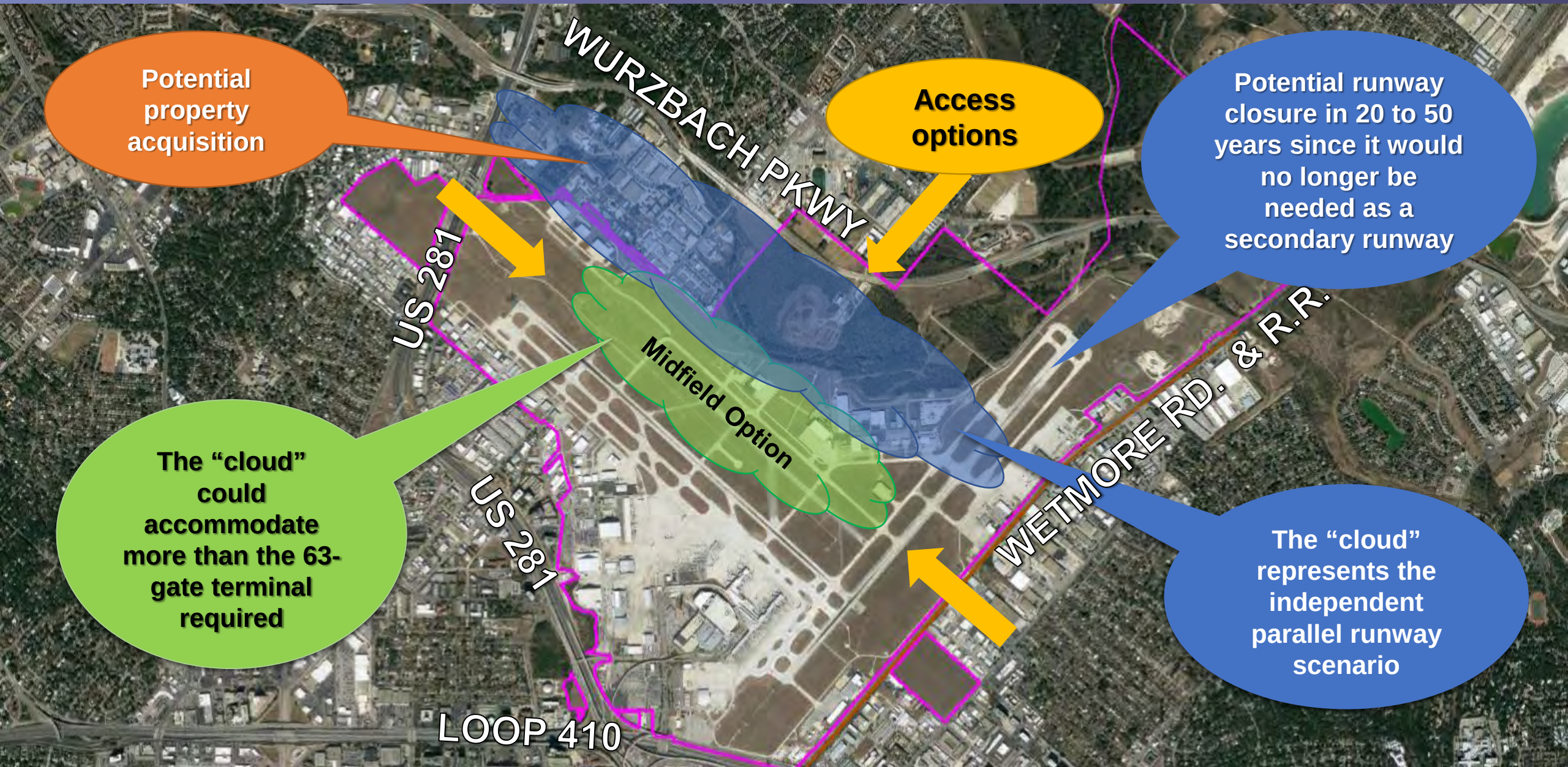
	2018 Existing	2038 High	2068 High
Number of gates	24	35	63
Gross area (sq. ft.)	734,000	1,200,000	2,100,000

- Assumes no technology improvements that would reduce infrastructure needs, such as runways
- Reflects current world-class passenger terminal space standards

2068 “Will it Fit?” Two Passenger Terminal Options



2068 "Will it Fit?" Third Option for Passenger Terminal



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Data-Driven Preliminary "Will it Fit?" Conclusions

“Will it Fit?” Preliminary Findings

The data-driven, technical answer, pending additional input, is:

Yes, an airport that would serve the San Antonio region in 2068 can be made to fit at the airport's current location.

Various actions would be needed:

- Governmental approvals
- Some amount of land acquisition
- Some form of creek relocation
- Potential secondary runway closure, and/or
- Potential relocation of tenant activities

Preliminary Findings Rollout Schedule

CONSULTANT/SAAS PRESENTS TECHNICAL FINDINGS

CONSULTANT/SAAS OBTAINS WORKING GROUP & PUBLIC INPUT

DECISION

Oct 1-7	Oct 8-14	Oct 15-21	Oct 22-28	Oct 29-Nov 4
• SDP Project Management Team • SAAS Executive Team • CMO	• ASDC with preliminary acceptance of technical findings, pending working group and public input (11th 8 am)	• SAAS Managers (16th 9:30 am) • AAC (16th 3 pm) • TAC (17th 2 pm) • SWG (17th 6 pm) • TPPWG (18th 2 pm) We are here	• Public Open Houses (5:00-7:30 pm) • District 2 Senior Center (Mon. 22nd) • El Progreso Hall (Tues. 23rd) • Stinson Municipal Airport (Wed. 24th) • Jewish Community Center Campus (Thurs. 25th)	• ASDC makes final recommendation to CoSA Mayor & City Council (B-session - 31st) • SAAS and Consultant initiate development of SDP Phase II Scope

CONSULTANT/SAAS PRESENTS TECHNICAL FINDINGS

ENGAGEMENT WITH ELECTED CITY & COUNTY OFFICIALS

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Thank you for your participation.

October 2018