



# Airfield Safety Enhancement Project and Land Transactions

## Environmental Impact Statement

Scoping Meeting  
September 22, 2016

Tucson International Airport



# AGENDA

- Purpose and Need
- Sponsor's Proposed Action
- Range of Alternatives
- EIS Purpose and Process
- Environmental Impact Categories
- Schedule
- Contact









# Sponsor's Purpose and Need

- The need to enhance the safety of the airfield and eliminate existing “hot spots”.
- The need to prevent aircraft from crossing directly between two parallel runways as recommended in FAA Engineering Brief 75, Incorporation of Runway Incursion Prevention into Taxiway and Apron Design.
- The need to maintain operational capabilities when there is a temporary closure of Runway 11L/29R.
- The need to develop currently under-utilized land that is compatible with FAA airspace restrictions and design standards.



# Federal Purpose and Need

## FAA Purpose and Need

- The need to operate TUS in the safest manner possible pursuant to 49 U.S.C. 47101(1), and reduce the potential risk of runway incursions to the extent practicable.

## USAF Purpose and Need

- The need to maintain United States Air Force (USAF) Plant 44 operational capabilities.

## National Guard Bureau Purpose and Need

- The need to maintain National Guard Bureau (NGB) safety standards and operational capabilities.



# Sponsor's Proposed Action

- **Proposed Relocation of Runway 11R/29L**
  - Relocation and reconstruction of Runway 11R/29L as an 11,000 foot long, 150 foot wide runway
  - Displace Runway 11L Arrivals Threshold
- **Proposed New Airfield Improvements**
  - Construct New Center Parallel Taxiway
  - Construct New Outboard Parallel Taxiway
  - Construct Bypass Taxiway
  - Construct Supporting Connector Taxiways
  - Construct Detention Basins



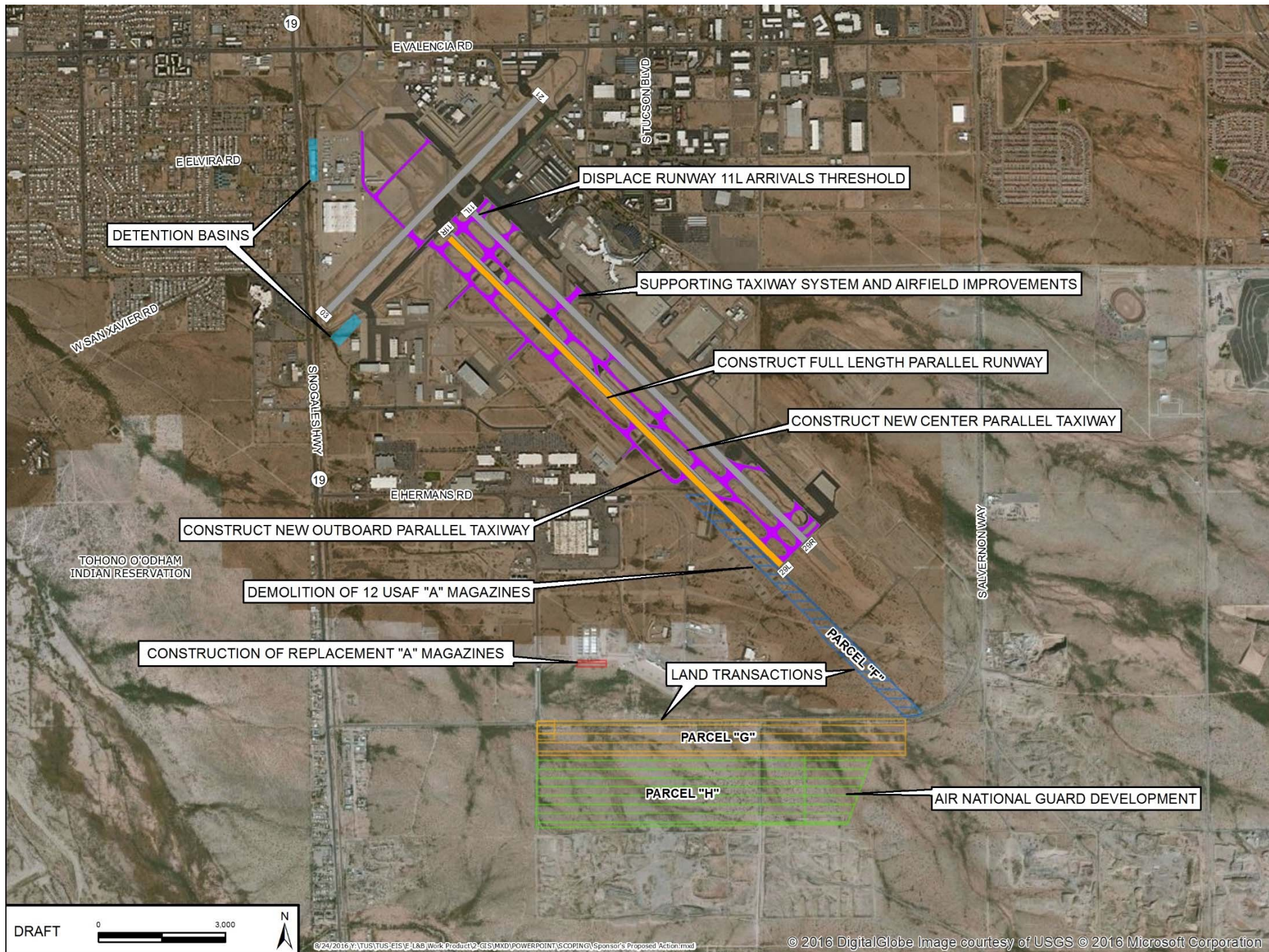
# Sponsor's Proposed Action

## ■ Associated Actions

- Land Transactions/Conveyance of Parcel F from USAF to TAA, Parcel G from TAA ultimately to USAF, and Parcel H from TAA ultimately to USAF
- Demolition of twelve USAF “A” Magazines
- Construction of replacement “A” Magazines elsewhere on USAF Plant 44
- Construction of Air National Guard Munitions Storage Area









# Range of Alternatives

- No Action Alternative
- Development Alternatives
  - *Sponsor's Proposed Action*
  - *Other Airfield Development Alternatives at TUS*
- Use of Other Existing Airports
- Use of Other Modes of Transportation



# EIS Purpose and Process

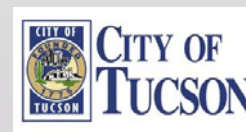
- Role of Federal Aviation Administration (FAA)
  - Serves as the Lead Federal Agency on the EIS.
  - To ensure actions meet the National Environmental Policy Act (NEPA) goals and policies.
  - Directs the work performed by the Consultant.
- Role of the United States Air Force (USAF) and National Guard Bureau (NGB)
  - Cooperating agency for the EIS.
  - Involved as alternative sites may occur on USAF owned land.
- Role of Airport Sponsor / Tucson Airport Authority (TAA)
  - Assist the FAA in acquiring data.
  - Assist with public involvement and outreach components of the EIS.





# EIS Purpose and Process

- Role of the Regulatory Agencies
  - Help identify potentially significant environmental impacts
  - Review and comment on EIS finding
  - Issue environmental permits where applicable
  - Review proposed mitigation strategies where applicable
  - Ensure compliance with local, state, and Federal environmental regulations



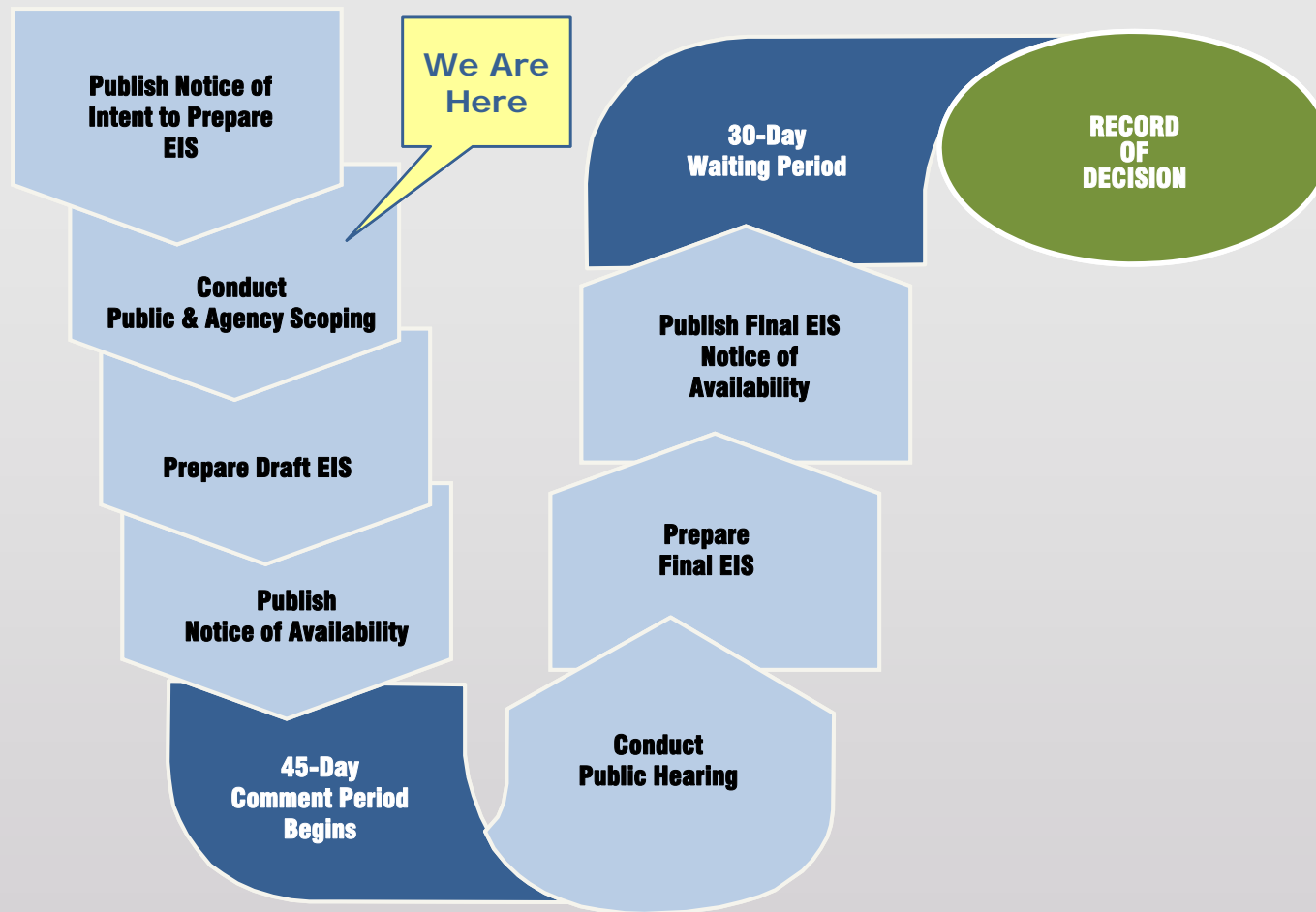
US Army Corps of Engineers



FEMA



# EIS Process



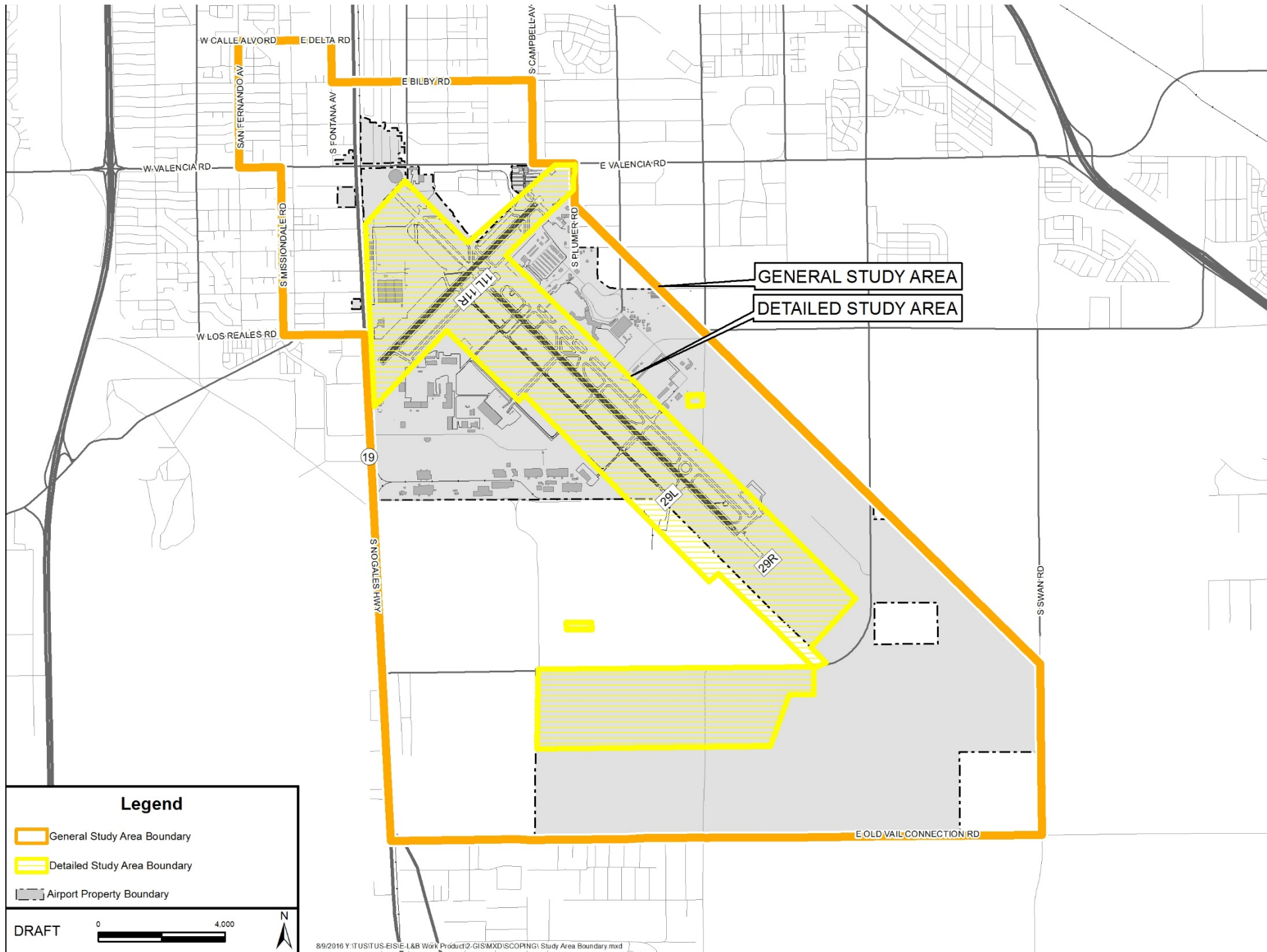


# Environmental Impact Categories

- Air Quality
- Biological Resources (Fish, Wildlife, and Plants)
- Climate
- Coastal Resources
- Department of Transportation Act, Section 4(f)
- Farmlands
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Historical, Architectural, Archeological, and Cultural Resources
- Land Use
- Natural Resources and Energy Supply
- Noise and Compatible Land Use
- Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks
- Visual Effects (including light emissions)
- Water Resources (including wetlands, floodplains, surface waters, groundwater, and wild and scenic rivers)
- Cumulative Impacts

Sources: FAA Order 1050.1F, Environmental Impacts: Policies and Procedures; FAA Order 5050.4B, National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions; Title 32, Code of Federal Regulations (CFR), Part 989 Environmental Impact Analysis Process (EIAP)







# Schedule

- Notice of Intent – August 19, 2016
- Agency and Public Scoping – September 22, 2016
- FAA prepares Draft EIS document – Fall/Winter 2017
- Public Hearing and Workshop – Spring 2018
- Final EIS – Fall 2018
- FAA issues its finding in a Record of Decision (ROD) – Fall 2018



# Contacts

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