



Clark County Department of Aviation Southern Nevada Supplemental Airport Planning - Phase 1

Project Briefing

PRESENTED TO:

Governor's Office of Economic Development
Southern Nevada Infrastructure Development Working Group

PRESENTED BY:

Clark County Department of Aviation and
Ricondo & Associates, Inc.

PRESENTED ON:

Thursday, June 24, 2021

SNSA Planning – Phase 1 Agenda and Introductions

- Historical Project Overview
- Current Project Overview
- Project Coordination and Engagement
- Open Discussion and Questions

Project Team:

Ricondo & Associates, Inc.

Management Team, Terminal, Airport Layout Plan and Airspace

BEC Environmental, Inc.

Permitting

CA Group, Inc.

Public Outreach and Ground Transportation

Connico

Cost Estimating

Geotechnical & Environmental Services, Inc.

Geotechnical Services

GCW, Inc.

Utilities, Stormwater and Drainage

HNTB Corporation

Airfield Pavement and Parking Structures

Loomacres Wildlife Management, Inc.

Wildlife Hazard Assessment

Planning Technology, Inc.

Obstruction Analysis

Stantec Consulting Services Inc.

Hydrology and Material Transport

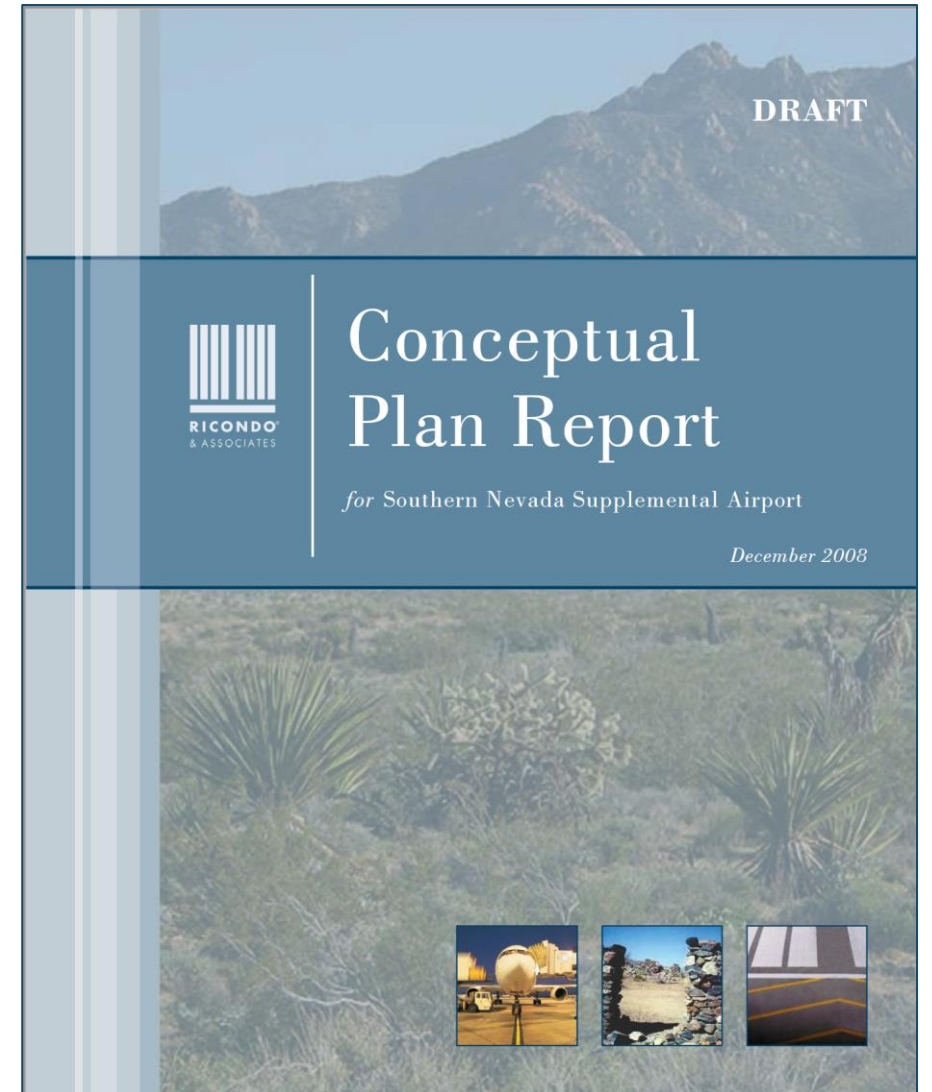
VTN Nevada

Surveying

Historical Project Overview

SNSA Planning – Phase 1 Historical Efforts

- Ivanpah Valley Airport Public Lands Transfer Act of 2000
 - Conveyed 6,000 acres of land for construction and operation of an airport
 - Designated Joint Lead Agencies (JLA) for Environmental Impact Statement (EIS)
 - Department of Transportation (FAA)
 - Department of the Interior (BLM)
- 2002 Clark County Conservation of Public Land and Natural Resources Act
 - Allows the County to acquire additional 17,000 acres for airport compatibility, subject to obtaining environmental approval from BLM and FAA as JLAs
 - Established a 2,640-foot-wide Transportation and Utilities Corridor (TUC) for the non-exclusive placement of transportation facilities and utilities between the Las Vegas Valley and proposed airport
- 2015 National Defense Authorization Act
 - Allows the County to acquire land for modified retention basins and flood control subject to obtaining environmental approval from BLM and FAA as JLAs



Current Project Overview

SNSA Planning – Phase 1

Why is this Planning Effort Required?

- There have been significant changes in the aviation industry, aircraft fleets and aviation demand in Nevada and throughout the United States
- This planning effort is necessary to respond to FAA requests for information prior to initiating the environmental review process, which includes updating previous plans to incorporate:
 - Current FAA design standards
 - Revised fleet mix and forecast assumptions
 - Innovative ways to address project challenges
 - Airspace redesign
- Effects of COVID-19 pandemic have significantly affected existing aviation activity, but long-term, aviation activity is anticipated to recover quickly and grow

SNSA Planning – Phase 1

Planning Analysis

▪ **Group 1**

- Updated Airport Layout Plan
- Updated SNSA Purpose and Need Statement and complete a demand/capacity analysis of McCarran International Airport
- Determine how SNSA would operate within the CCDOA system to accommodate Jean Airport traffic
- Airport Traffic Control Tower siting study
- Updated ground access plans
- Agency coordination and public outreach effort

▪ **Group 2**

- Updated Airspace Management Plan
- Validated/updated planning studies needed to substantiate the project

- Updated high-tension power line relocation plan

▪ **Group 3**

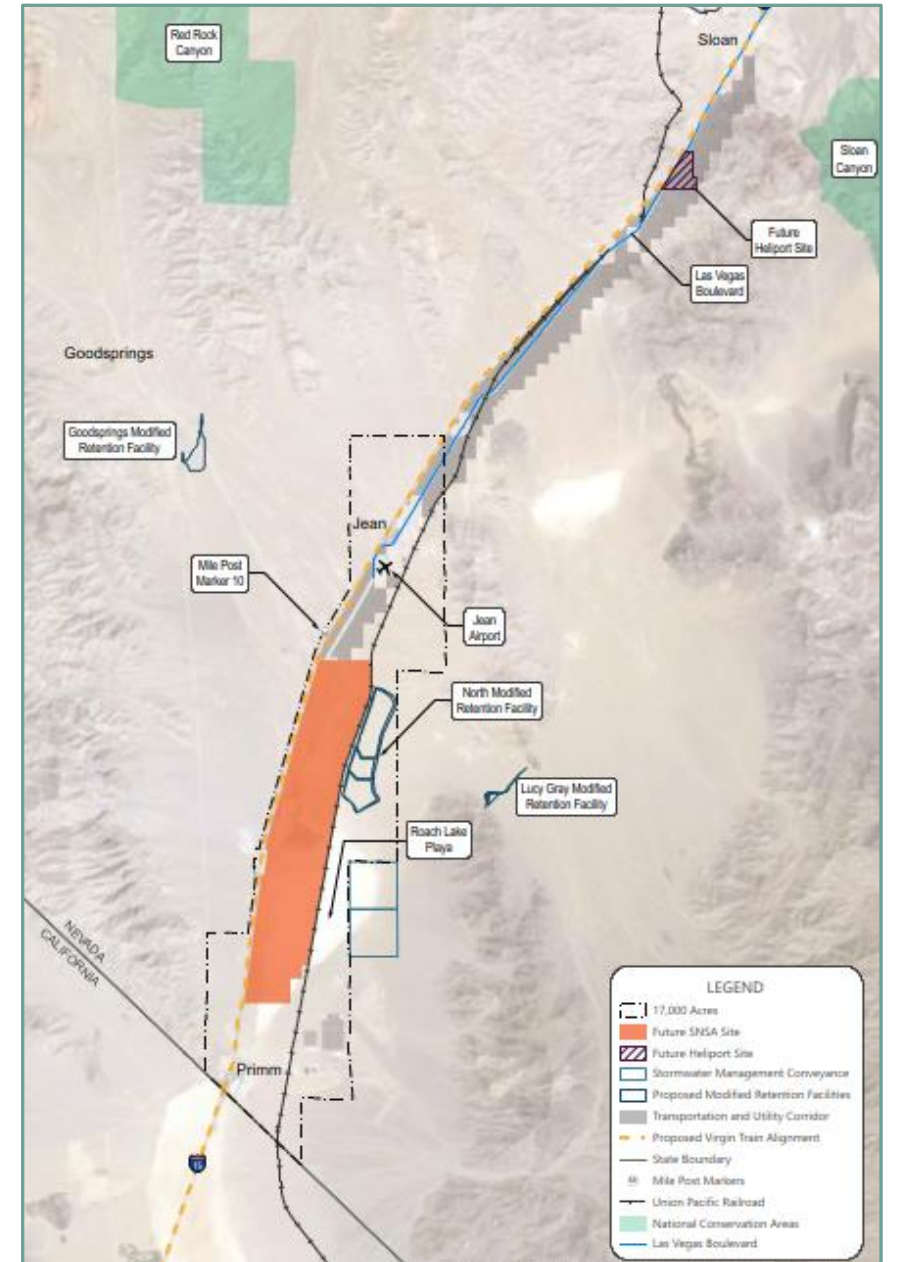
- Revised aviation activity forecasts
- Determine opening day facilities
- Air quality modeling
- Verified/updated MRF water release plan
- Material transport system

▪ **Group 4**

- Benefit-cost analysis/financial plan
- Project implementation schedule
- Future facility requirements
- Permit requirements

SNSA Current Efforts

- Airfield layout validation/adjustment
- Agency and Stakeholder Coordination
 - Brightline West high-speed rail
 - Nevada Department of Transportation
 - Identifying utility needs and plans
- Identifying airspace constraints and the incorporation of the SNSA into ongoing FAA airspace design efforts
- Validation of previous studies
 - Update base maps
 - Determine operational and passenger characteristics
 - Identify plans requiring updating
- Ground access public meeting and workshop preparation
- LAS terminal and landside analysis
- SNSA runway length analysis and Airport Traffic Control Tower siting
- Protecting/planning airport site and surrounding 17,000-acre area



SNSA Planning – Phase 1

Project Outreach and Engagement

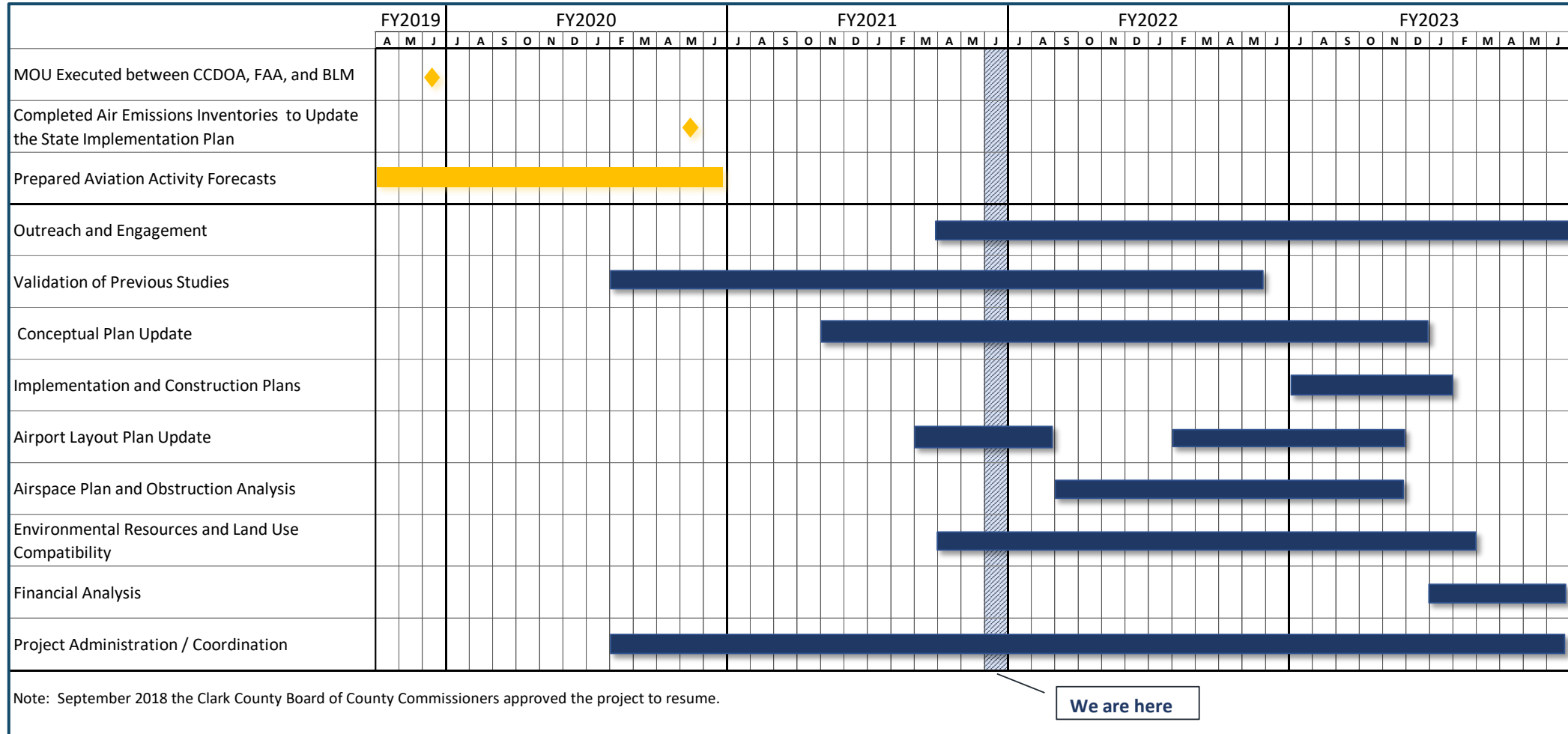
- **Outreach plan** – strategy for informing the interested public, project stakeholders and government agencies of key milestones for the project.
- **Key Elements of the Outreach Plan include:**
 - **Stakeholder and Agency engagement**
Routine stakeholder engagement and dialogue throughout the project
 - **Project website**
 - Factual public resource
 - Frequently asked questions
 - Forum to submit questions and comments
 - SNSA program timeline
 - Historical account of decisions and activities to date
 - **Messaging**
 - Consistent message
 - Messaging that will be updated as the planning progresses
 - **Collateral materials**
 - Fact sheets
 - Social media plan

SNSA Planning – Phase 1

Project Outreach and Engagement – Agency Coordination

- Federal Aviation Administration
- Bureau of Land Management
- Federal Highway Administration
- Federal Railroad Administration
- Nevada Department of Transportation
- Clark County Departments including:
 - Air Quality
 - Comprehensive Planning
 - County Manager’s Office
 - Desert Conservation Program
 - Emergency Management
 - Public Works
- Las Vegas Valley Water District (LVVWD)
- Clark County Regional Flood Control District (CCRFCD)
- Clark County Water Reclamation District (CCWRD)
- Regional Transportation Commission of Southern Nevada (RTC)
- Southern Nevada Water Authority (SNWA)
- Utilities
 - NV Energy
 - Southwest Gas

SNSA Planning – Phase 1 Planning Schedule



Conceptual Schedule – Overall Program

PLANNING	ENVIRONMENTAL	DESIGN	CONSTRUCTION
<ul style="list-style-type: none">• Validate Plans• ALP Update• Airspace Study• ATCT Siting• Wildlife Hazard Assessment• Demand / Capacity Analysis• Financial Plan	<ul style="list-style-type: none">• EIS Planning work• RFQ Process• Contractor Selection• Notice of Intent / Scoping• Draft EIS• Public Hearing• Final EIS• Record of Decision• Permitting	<ul style="list-style-type: none">• RFP Process• Contractor Selection• Contract Award• Financial Closure• Design	<ul style="list-style-type: none">• Aggregate Removal• Platform Development• Modified Retention Facilities• I-15 South Interchange• Utilities• Airport Facilities• Ground Access• Support Facilities
Years 0-3	Years 2-5	Years 5-9	Years 9-15

Open Discussion and Questions



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