

# Sloan Canyon National Conservation Area Implementation Management Strategy

DECEMBER 4<sup>TH</sup>, 2014



Welcome

# Welcome

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- The BLM will manage the Sloan Canyon NCA to preserve, protect, and enhance the area's cultural features and natural resources and wilderness values for the benefit and enjoyment of present and future generations by—
  - Protecting the Sloan Canyon Petroglyph Site and respecting the canyon for its importance to Native Americans
  - Providing education on the importance of preserving and protecting the area's cultural, natural, and wilderness values
  - Providing information and education on Sloan Canyon NCA's resources in a creative manner
  - Providing recreational opportunities that are compatible with and protect the various elements of the natural landscape

# Study Purpose

- Strategic management plan for the potentially needed improvements
  - Small contact station/ visitor facility
  - Classroom, exhibit space
  - Trailhead improvements
- Assess costs of staffing & operations
- Evaluate phasing options
- Identify partnerships



# Agenda

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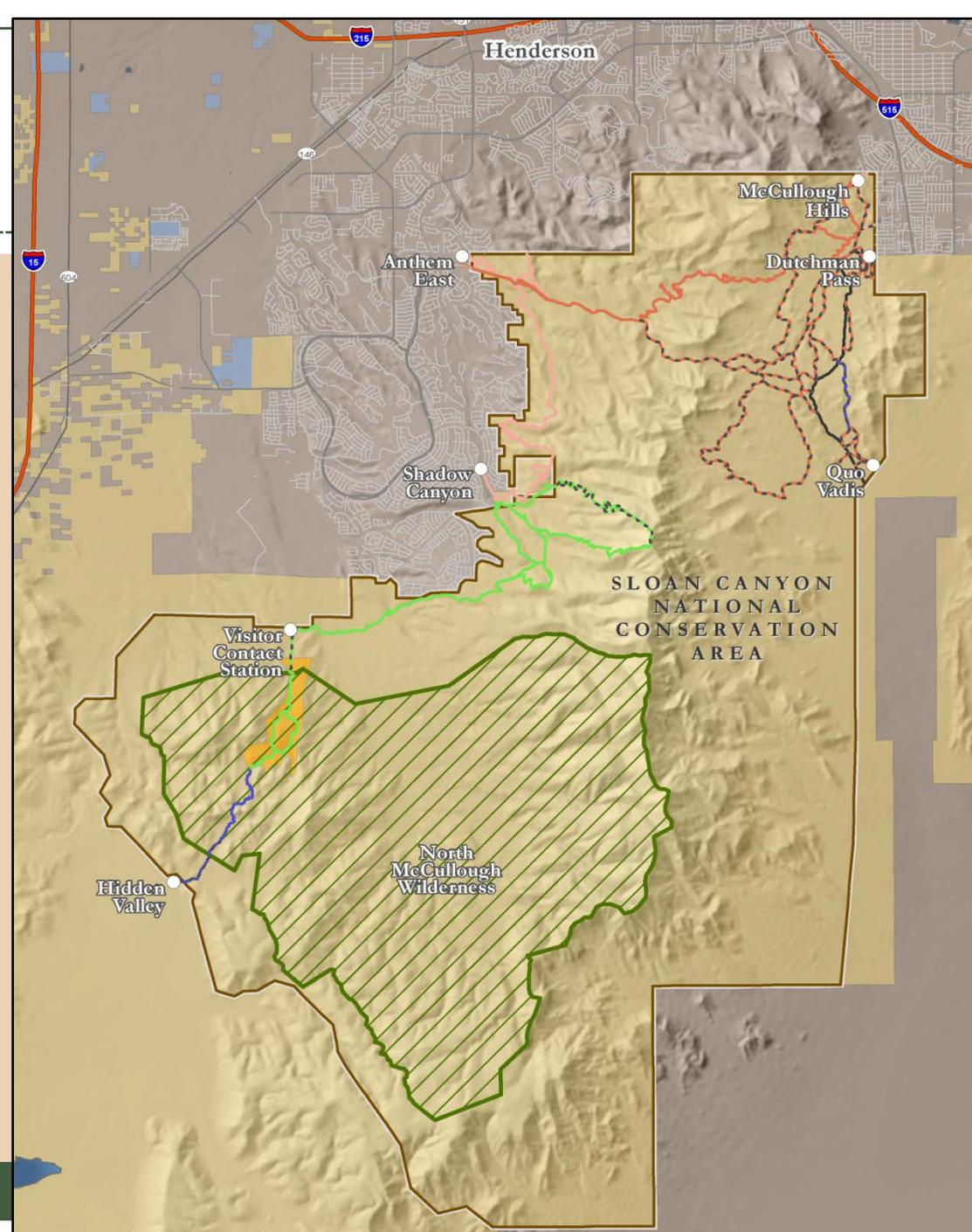
- Why are we here tonight
- Your role:
  - Learn about potential facility development
  - Provide input on desired program elements and phasing
  - Understand the relationship between the program elements and the special fund



# Study Area Map

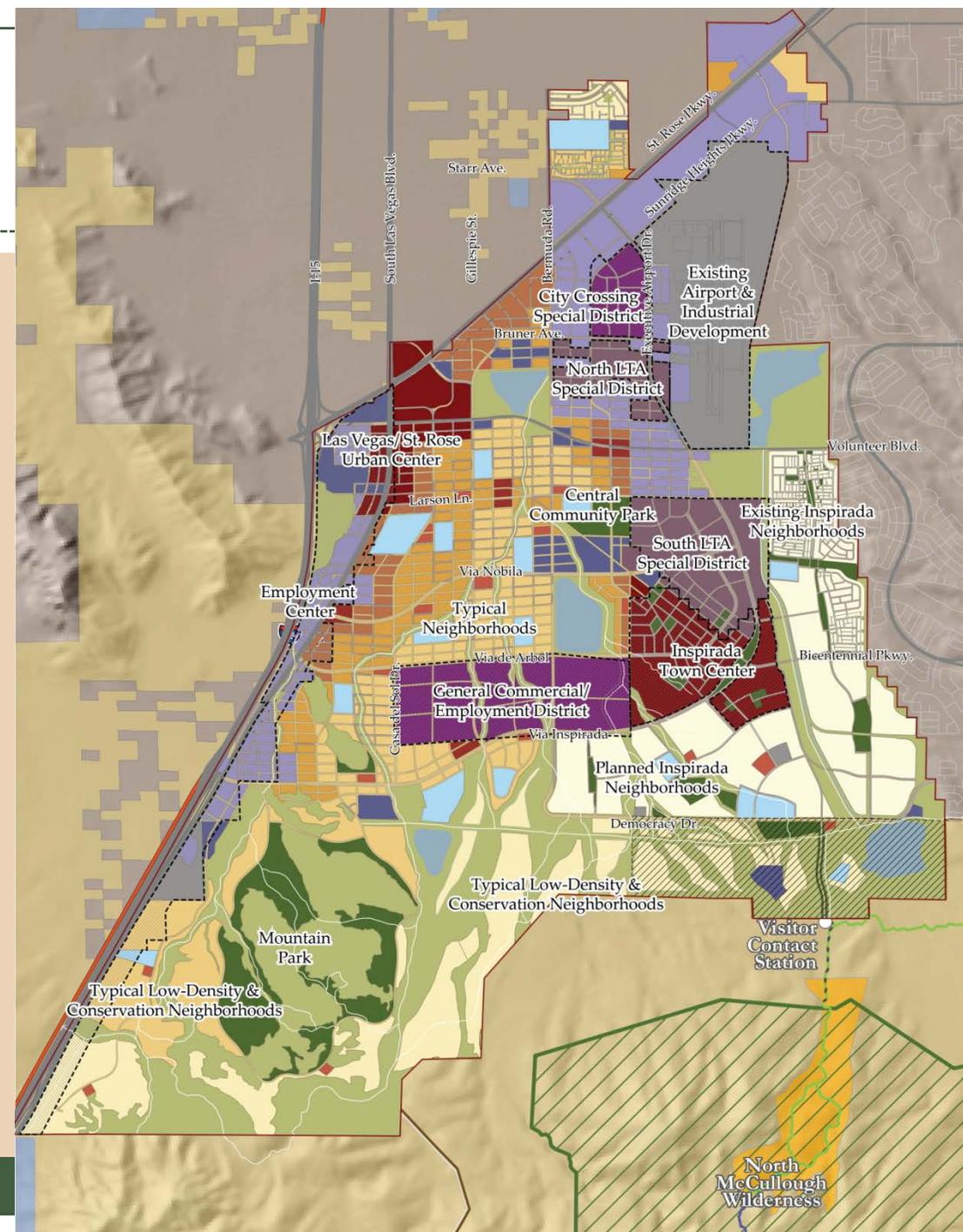
## Sloan Canyon

- Trail Heads
  - - Future or Current Construction Trails
  - Hiking, Biking
  - Hiking
  - Hiking, Biking, Equestrian
  - Hiking, Equestrian
  - Petroglyph Canyon Management Area
- Land Ownership**
- Bureau of Land Management
  - County Lands
  - Private Land

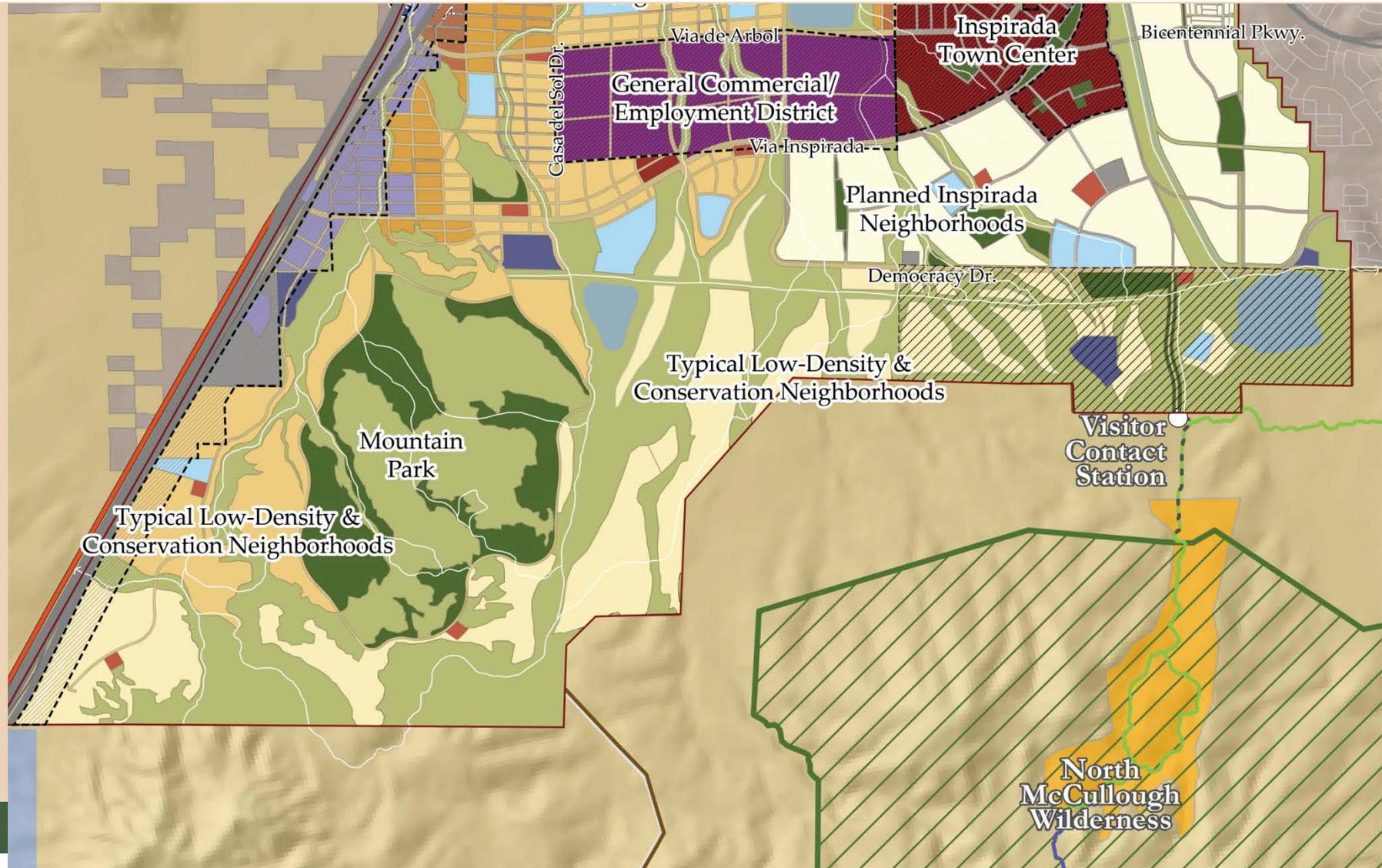


# Regional Context

## West Henderson Land Use Plan



# Regional Context



# Visitation Analysis

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# Resource Management Plan Guidance

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- Visitation Limits for Petroglyph Management Area
  - Weekend: Visitors must join BLM-sponsored tour
    - 20 people at one time
  - Weekday: Self-guided with permit
    - 25 permits per hour

# Projected Visitation to Sloan Canyon NCA

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- **Two distinct components of visitation:**
  - Trail use visitors: local residents, use trails for regular exercise/outdoor activities
  - Petroglyph MA visitors: diverse mix of locals, non-local tourism visitors
- **Methodology**
  - Historical visitation levels plus forecasted population growth
  - Visitation to other petroglyph sites plus population growth and Las Vegas visitation growth
  - RMP visitation limits considered

# Projected Visitation to Sloan Canyon NCA

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- **Petroglyph MA Visitation Projections - 2020-2044**
  - Annual visitation to Petroglyph MA estimated to be in range of 15,000-20,000 after access improvements are made
  - Average annual Petroglyph MA visitation over period: 26,000
  - RMP weekend visitation restrictions limit visitation growth, as weekend visitation is expected to reach capacity early on

# Projected Visitation to Sloan Canyon NCA

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- **Trail-use Visitation Projections - 2020-2044**
  - Average annual trail-use visitation 2011-2014: 78,000
  - Average annual trail-use visitation over period: 122,000
- **Total average annual visitation 2020-2044: 148,000**

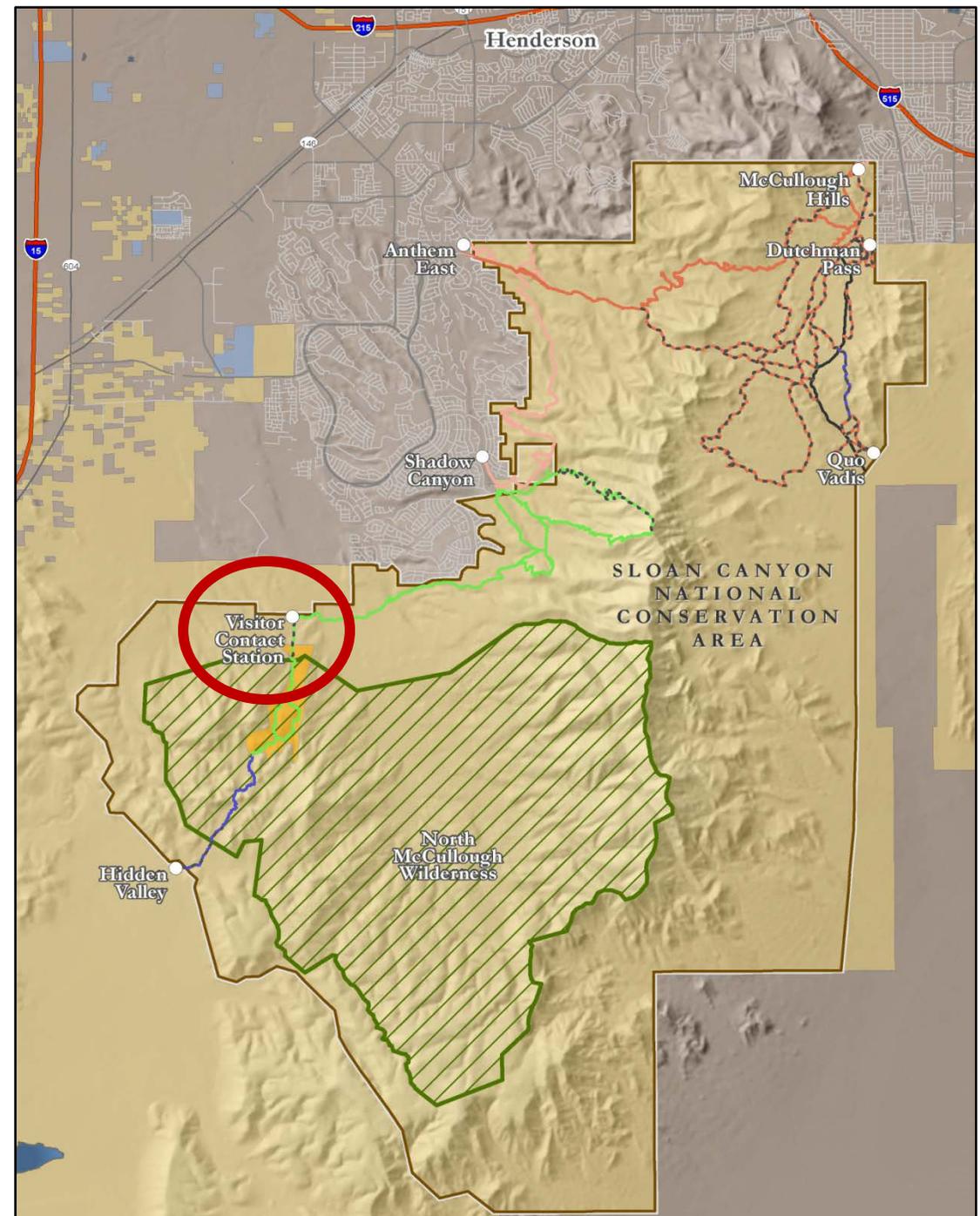
# Impact of Timing of Improvements on Special Account Funds

- **Timing of Capital Improvements Depends On:**
  - **Interest Yields from the Special Account Fund**
  - **Construction Cost Growth**
    - If Interest Yields < Construction Cost Growth, it makes sense to invest earlier rather than later
- **Road Access Improvements up to the BLM Boundary:**
  - **A critical requirement** for making capital improvements at Petroglyph Management Area
  - Analysis assumes Special Account Funds are not used to fund road access improvements on non-BLM lands

# Site Development

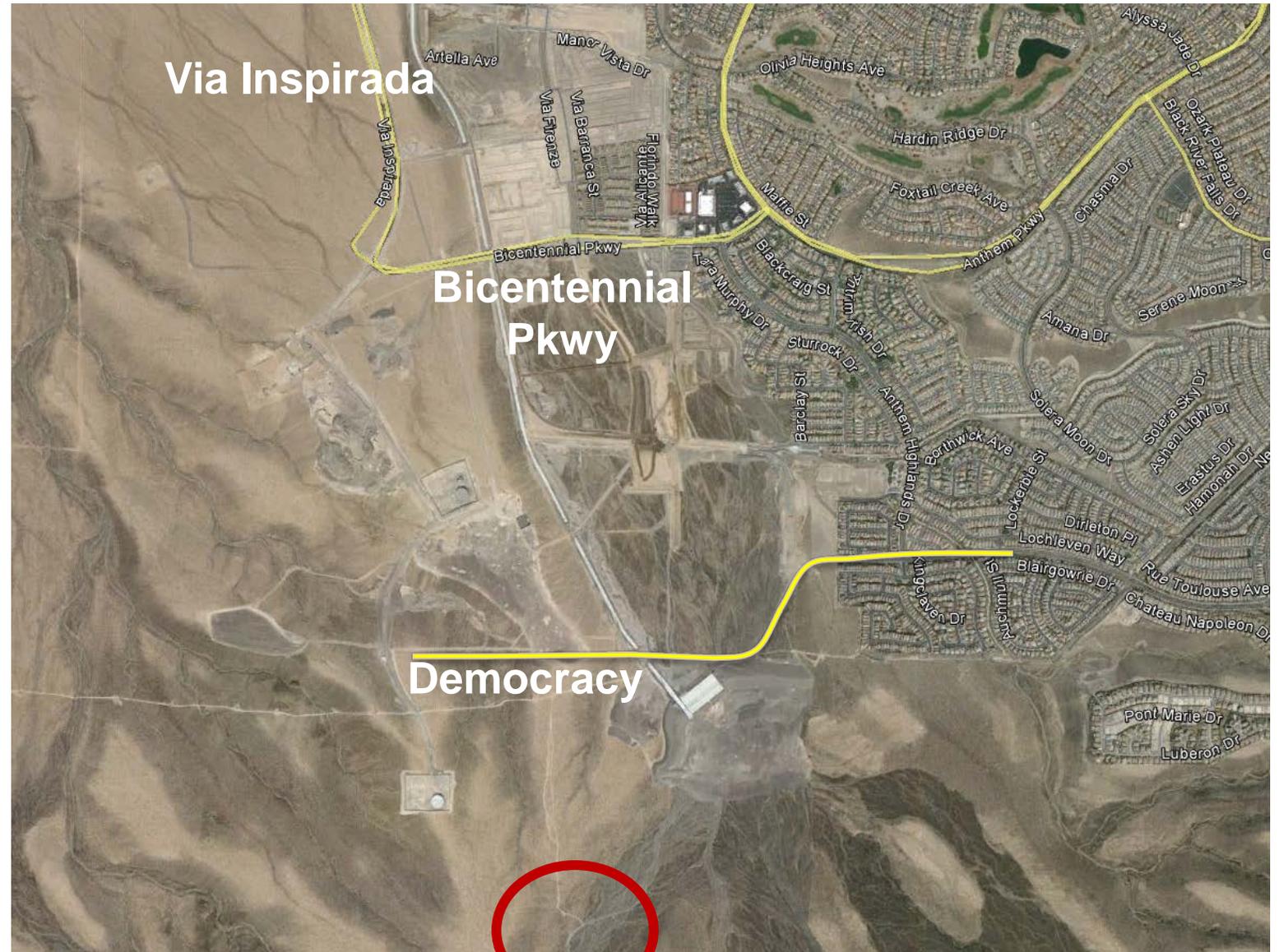
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# Visitor Contact Station

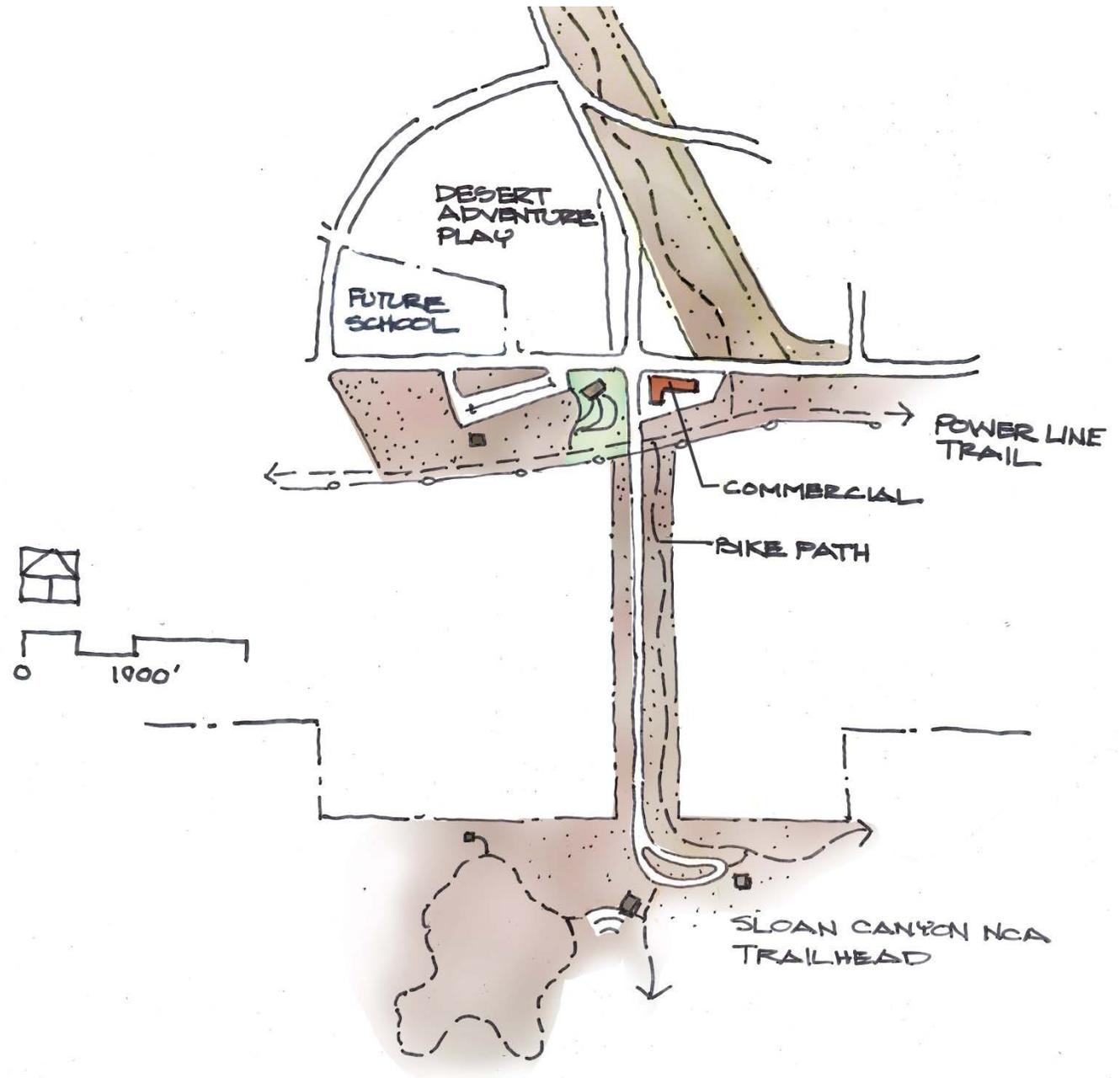


# Visitor Contact Station

- Access currently from Las Vegas Blvd along power line dirt road
- South of Inspirada Neighborhood

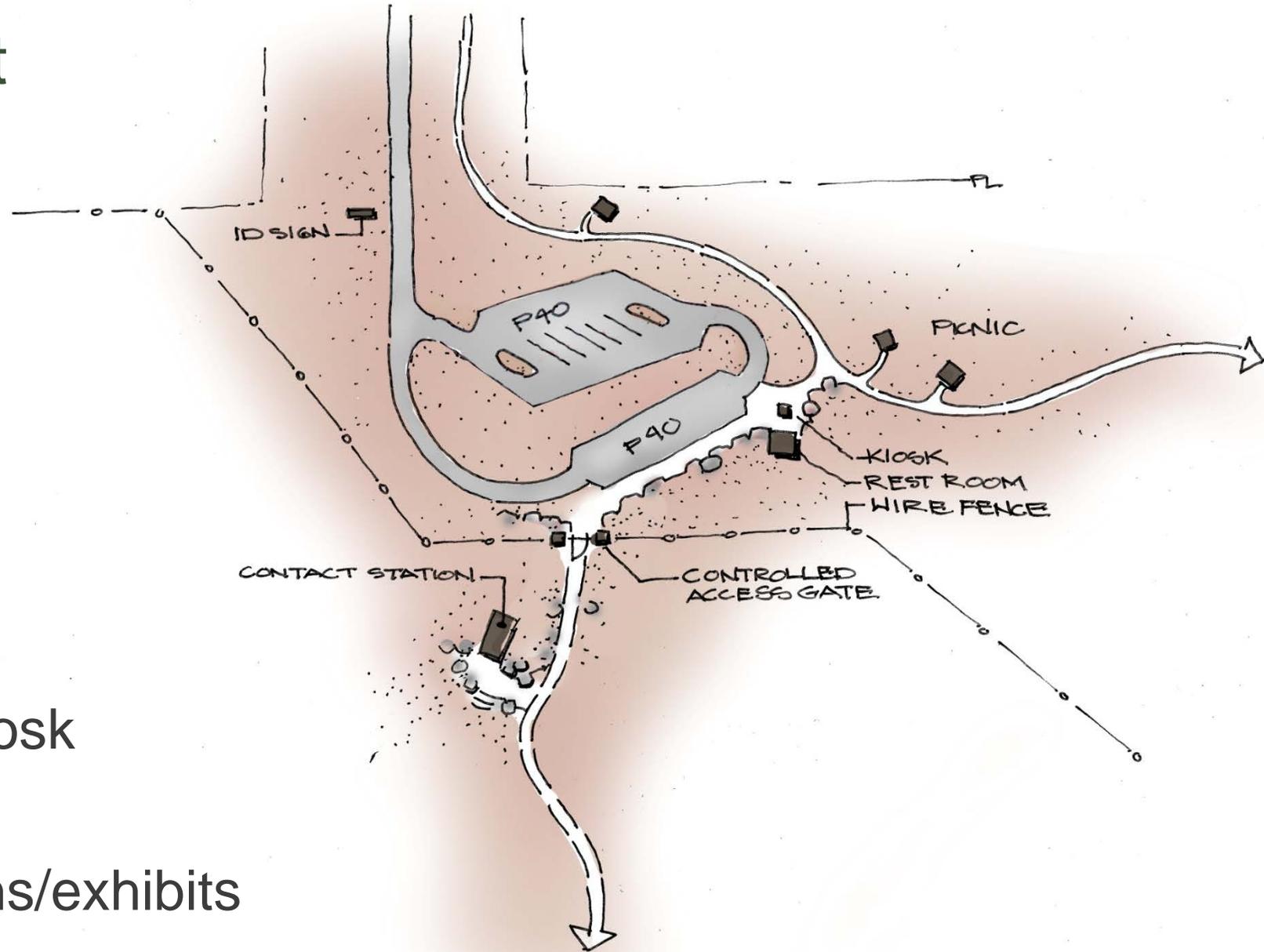


# Visitor Contact Station: West Henderson Connection



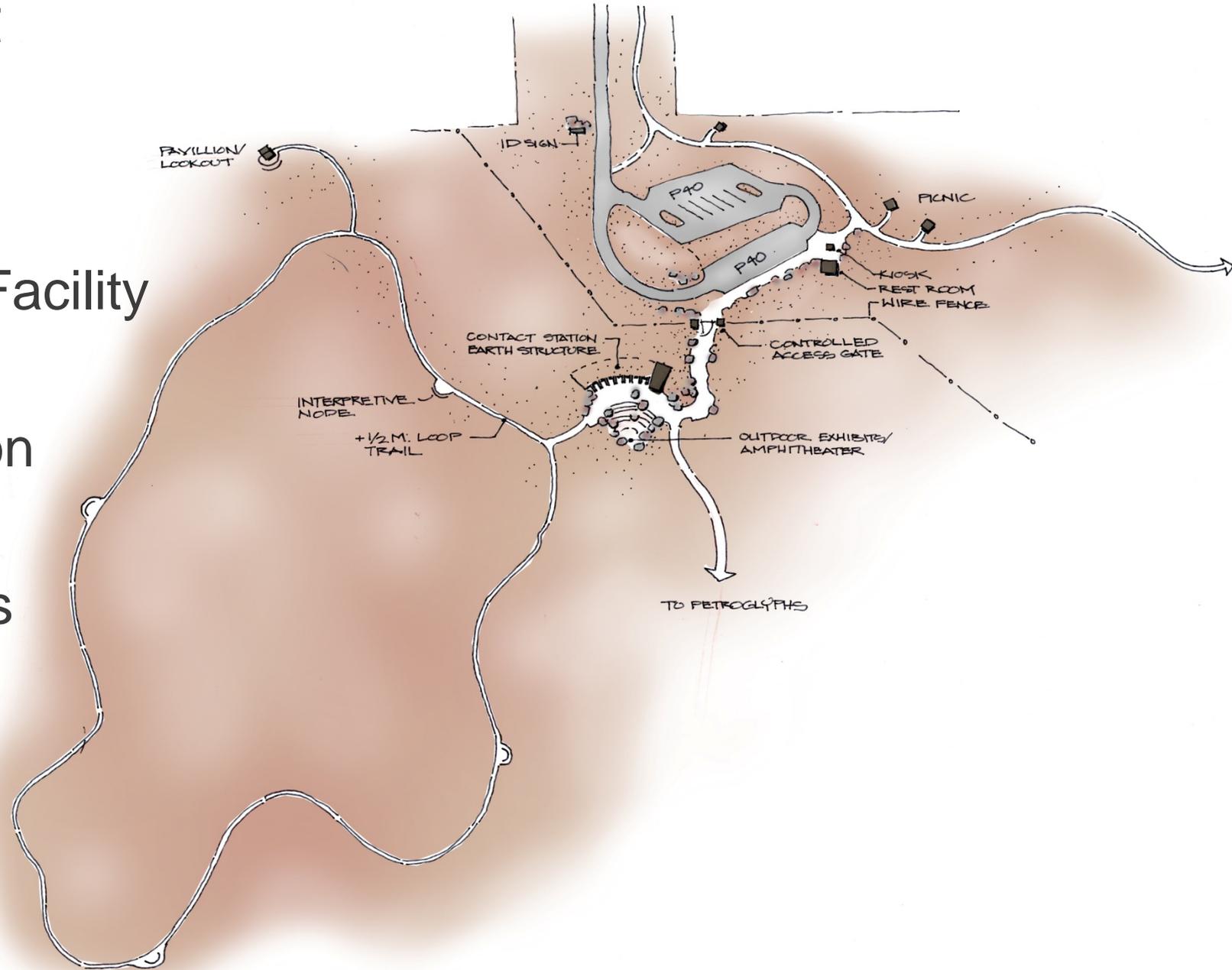
# Visitor Contact Station: Phase 1

- Restroom
- Parking Lot
- Picnic Shelters
- Fencing
- Landscaping
- Signage and Kiosk
- Contact Station
- Interpretive signs/exhibits
- Access Gate

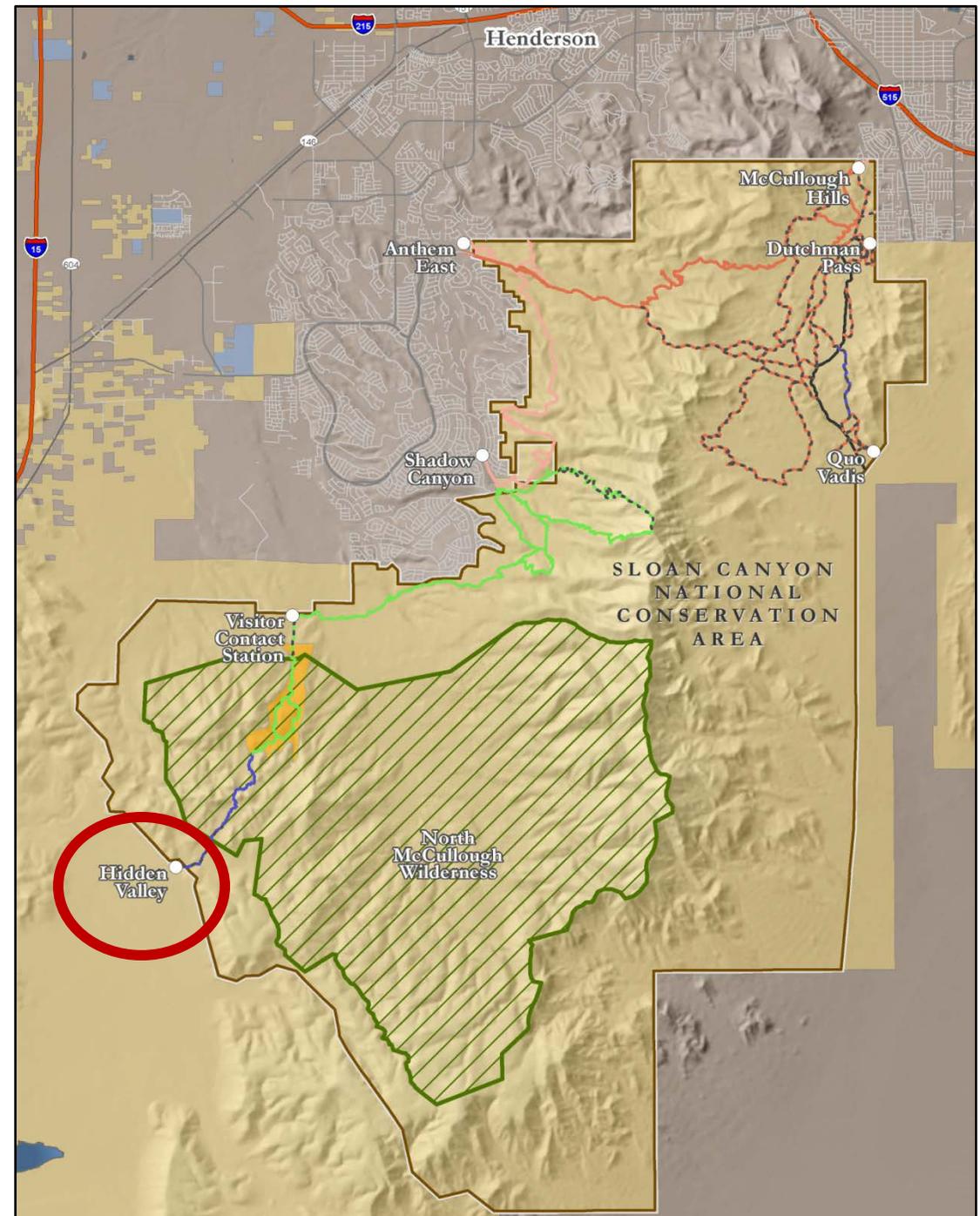


# Visitor Contact Station: Phase 2

- Visitor Contact Facility
- Loop Trail
- Overlook Pavilion
- Amphitheater
- Outdoor Exhibits



# Hidden Valley



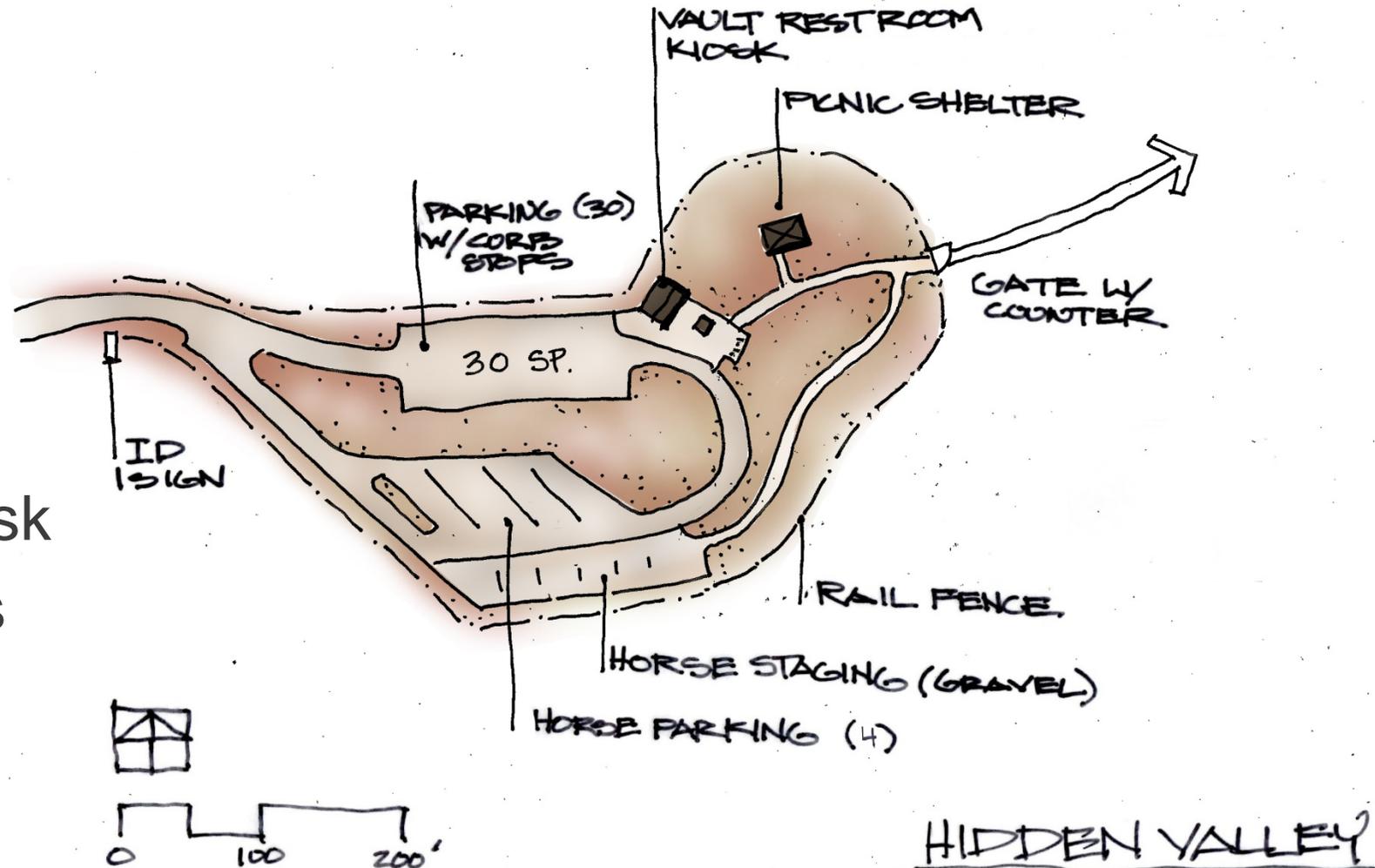
# Hidden Valley

- Access from BLM dirt road off of Las Vegas Blvd

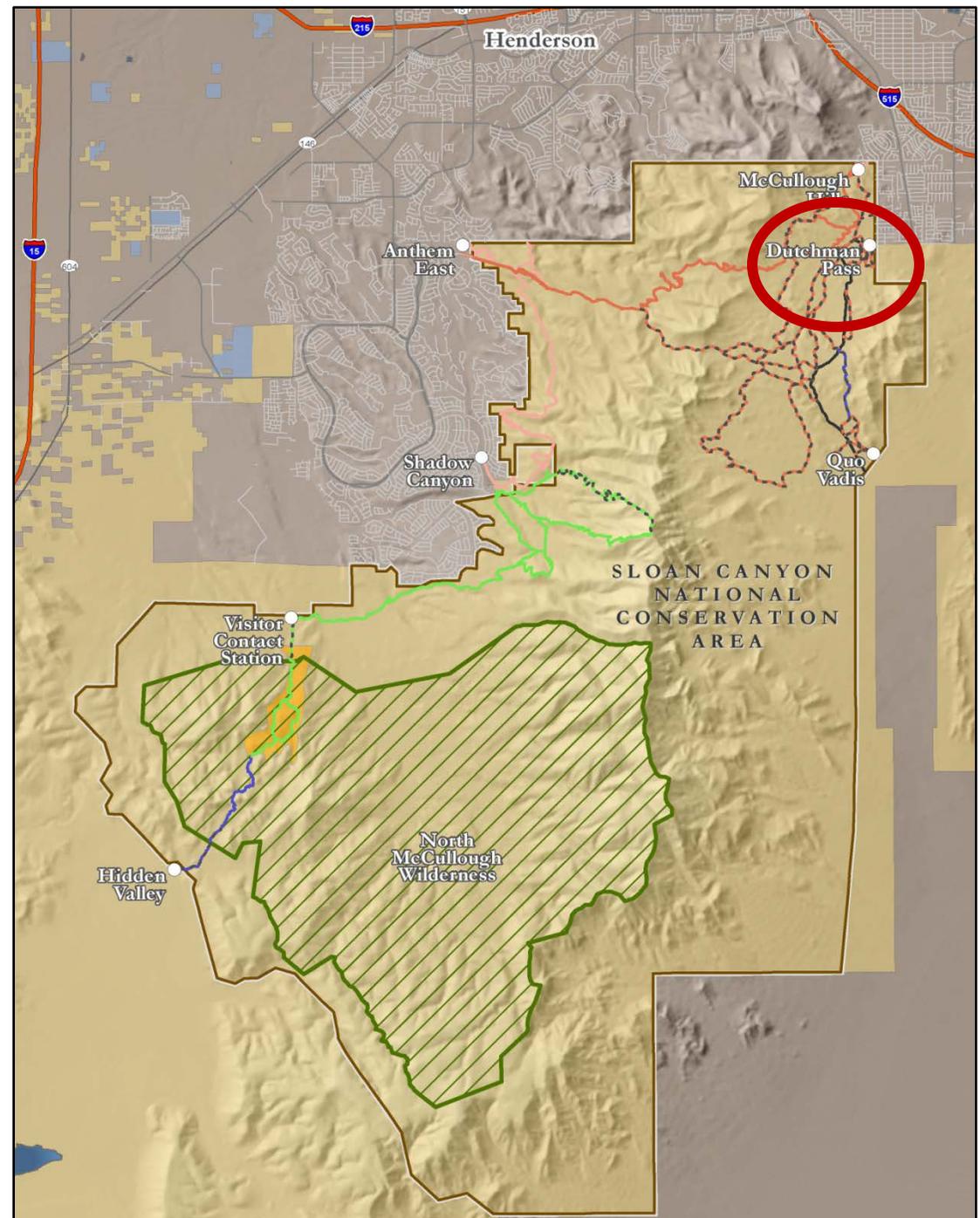


# Hidden Valley

- Vault Restrooms
- Parking Lot
- Picnic Shelter
- Fencing
- Landscaping
- Signage and Kiosk
- Horse Tie Downs

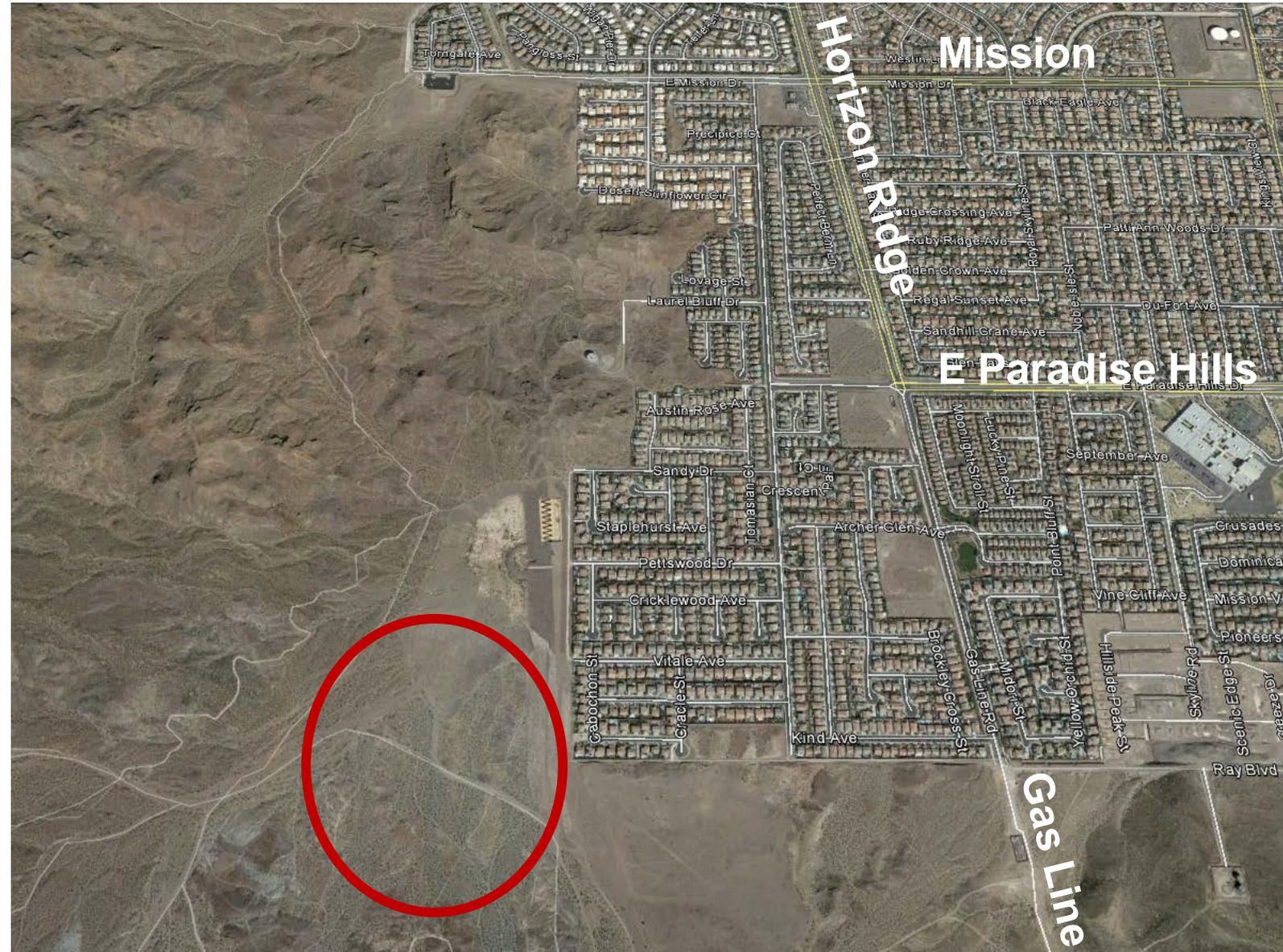


# Dutchman Pass



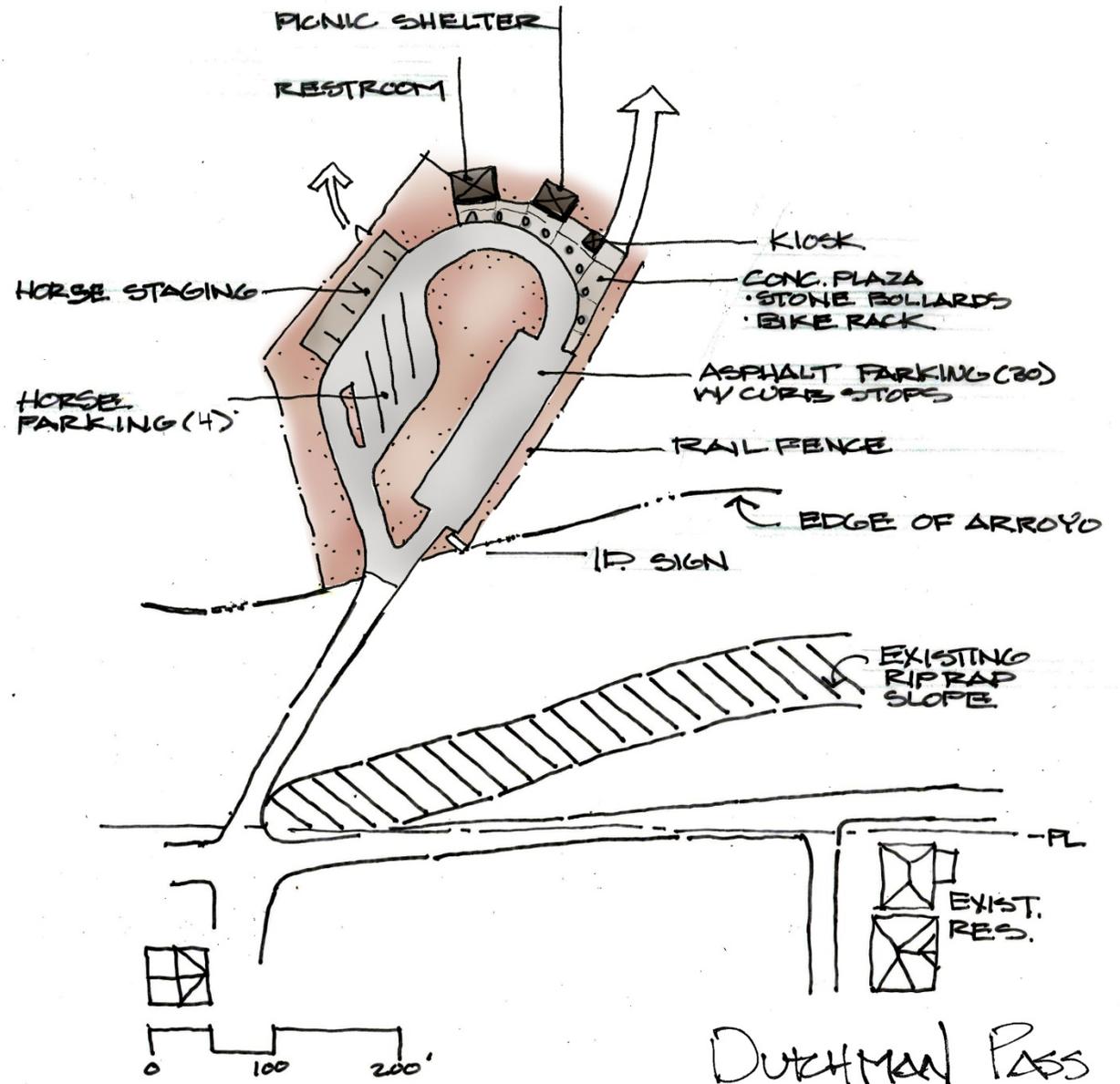
# Dutchman Pass

- Access from highway via Horizon Drive to Horizon Ridge Parkway
- South of McCullough Hills Trailhead

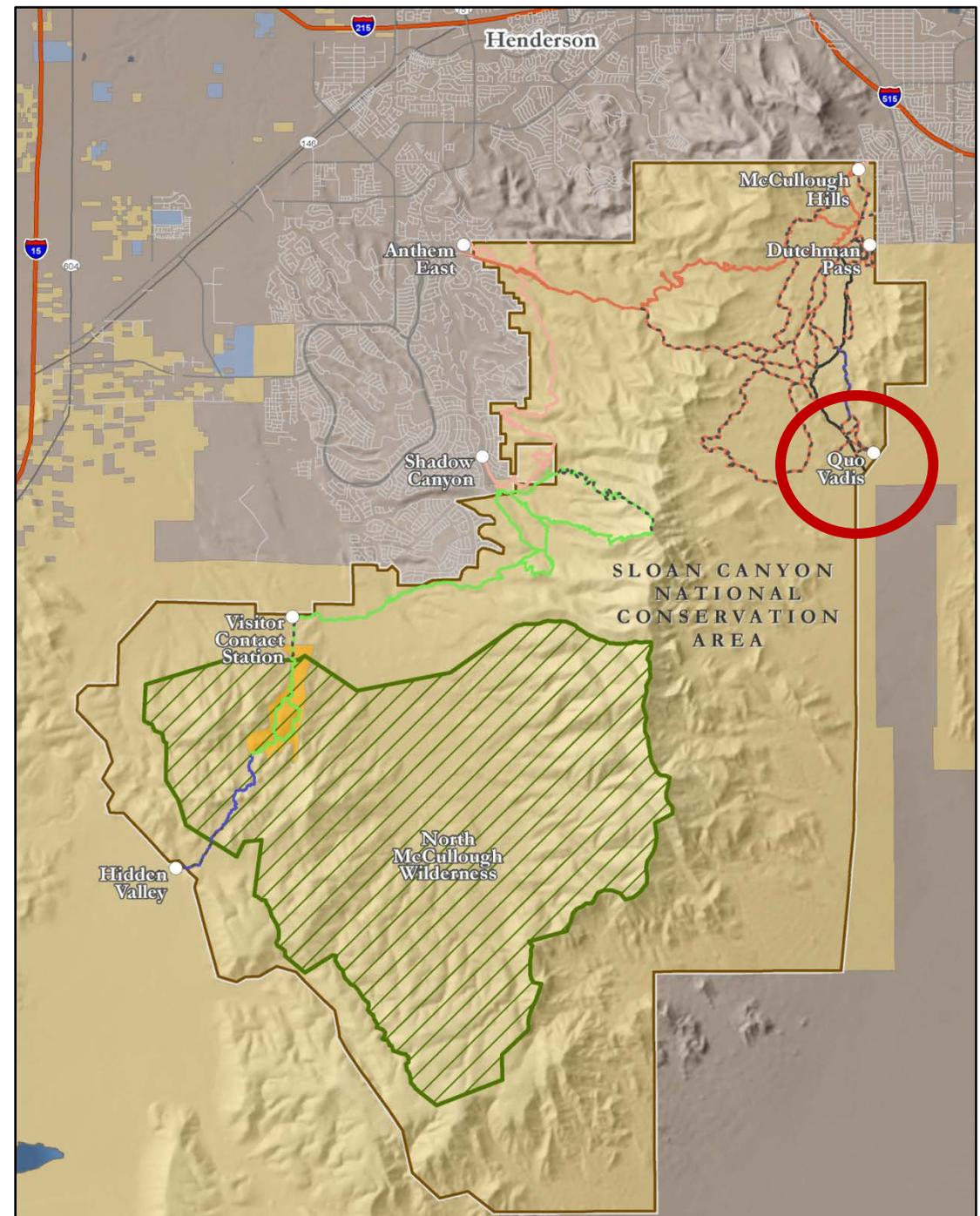


# Dutchman Pass

- Access Road
- Utilities
- Restrooms
- Parking Lot
- Picnic Shelter
- Fencing
- Landscaping
- Signage and Kiosk
- Bike Rack
- Horse Tie Downs



# Quo Vadis



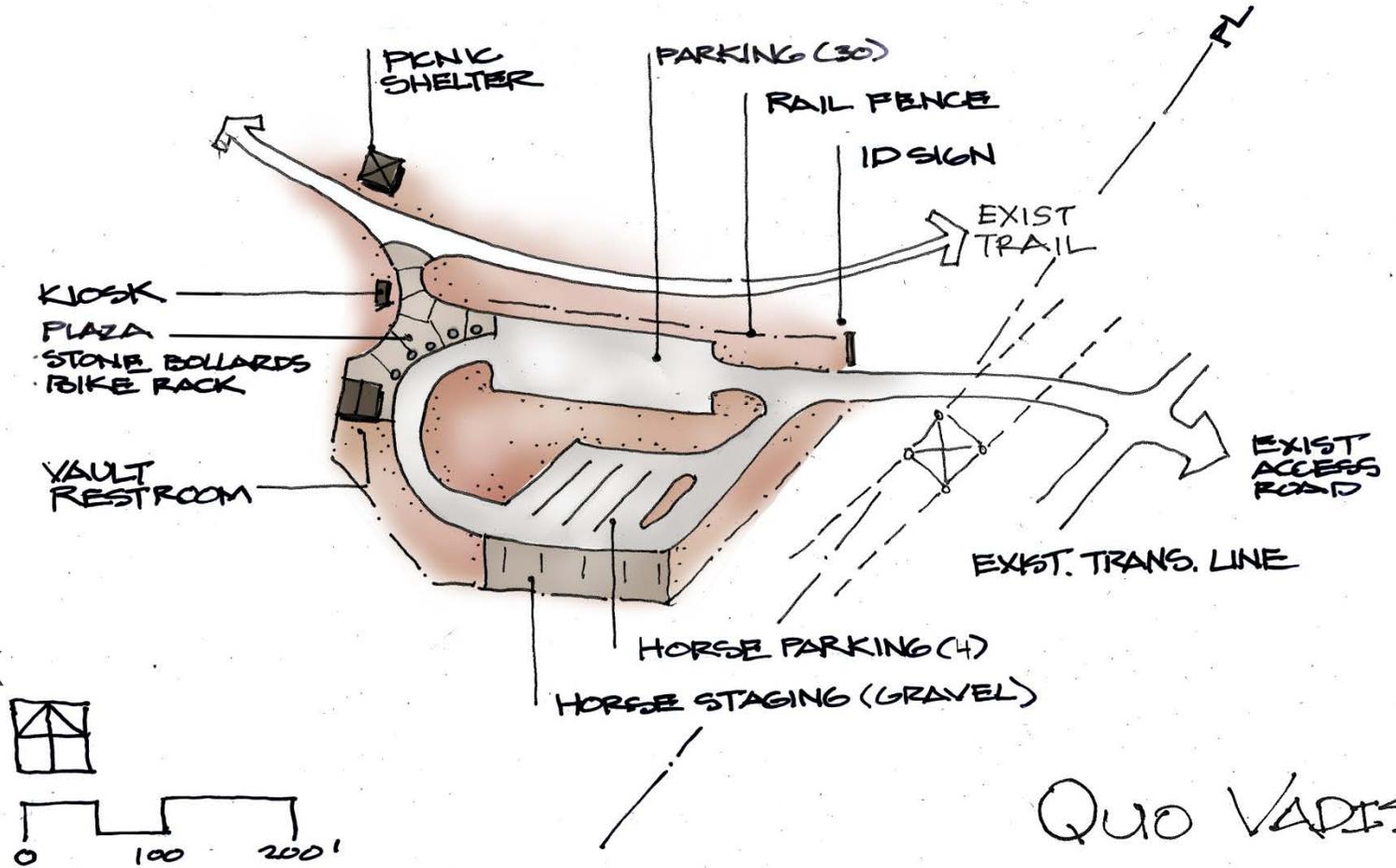
# Quo Vadis

- Access from BLM dirt road south of Henderson



# Quo Vadis

- Vault Restrooms
- Parking Lot
- Picnic Shelter
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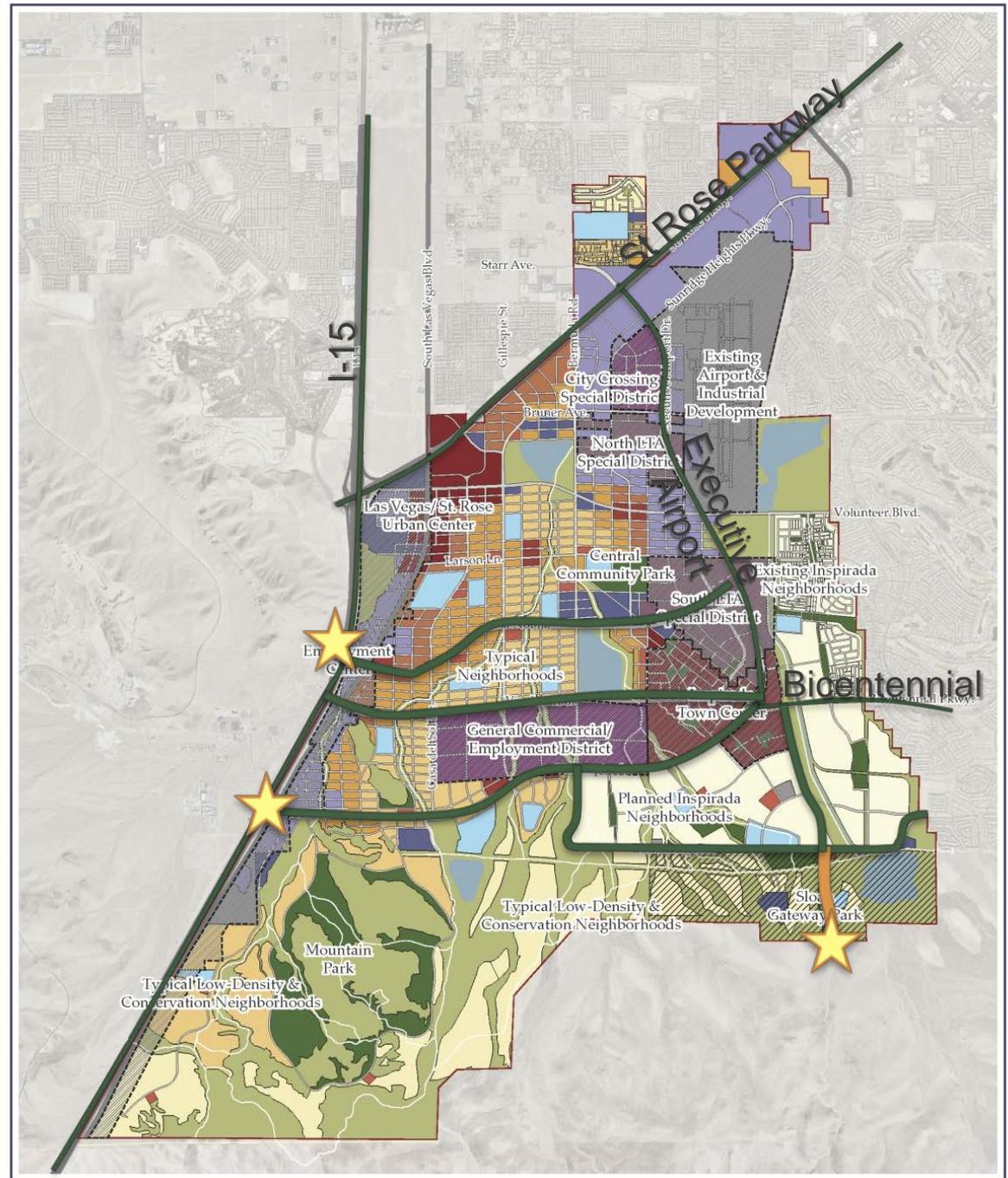
# Cost Summary

Facility	Cost Estimate
<b>Visitor Contact Station</b>	\$4,954,440*
Phase 1	\$3,044,675
Phase 2	\$1,909,765
<b>Hidden Valley</b>	\$427,013
<b>Dutchman Pass</b>	\$833,213
<b>Quo Vadis</b>	\$367,050
<b>Dutchman Pass Road</b>	TBD
<b>Total Ranges from \$6.6 million to \$7 million</b>	
*If connected to the City of Henderson Water additional costs could be as much as \$4.4 million	

# Phasing Considerations

## One Possible Scenario

- Via Inspirada 2016
- Democracy Drive 2015+ (To Via Firenze)
- Via Contessa 2016
- Sloan Access Road
- Via Nobila 2020+
- Sloan Interchange 2026+
- Via Nobila Interchange 2030+



# Roundtable & Exercise

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# Exercise

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- Roundtable Discussion
- Part 1. Choose program elements (stickers). The program elements stickers will include dollar amounts in order to understand the relationship to the special account.
- Part 2. Place program element (stickers) on the timeline display. The timeline will include, years, future population growth, potential visitation and infrastructure timing.
- Part 3. Fill out a comment form with any additional thoughts

Thank you!