

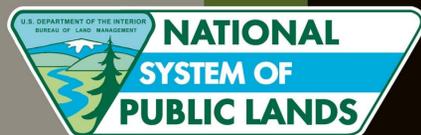
# Welcome

Proposed Sun Valley to Morgan 500/230kV Transmission Line Project

and

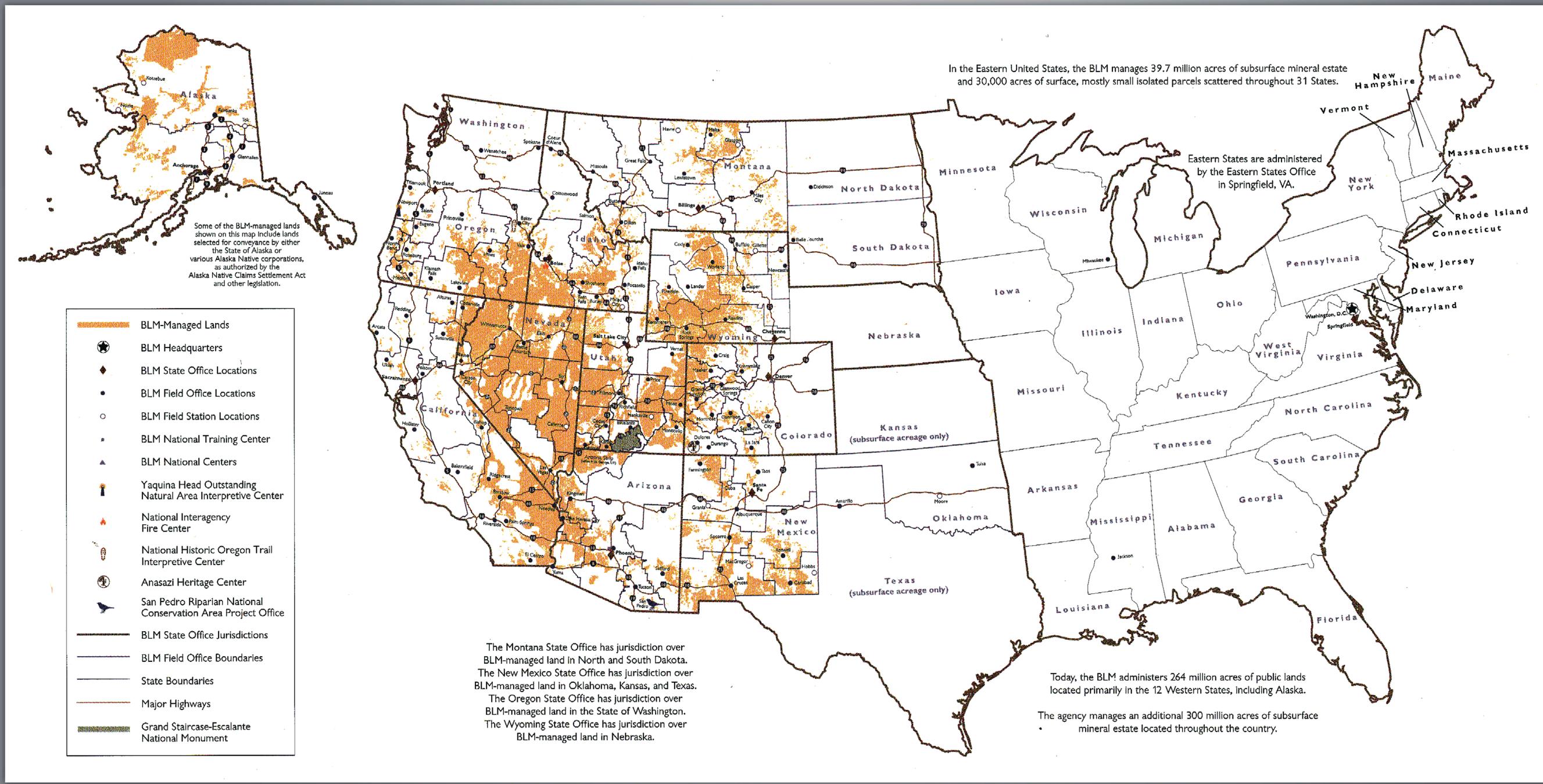
Proposed Resource Management Plan Amendment

**PUBLIC SCOPING MEETINGS**

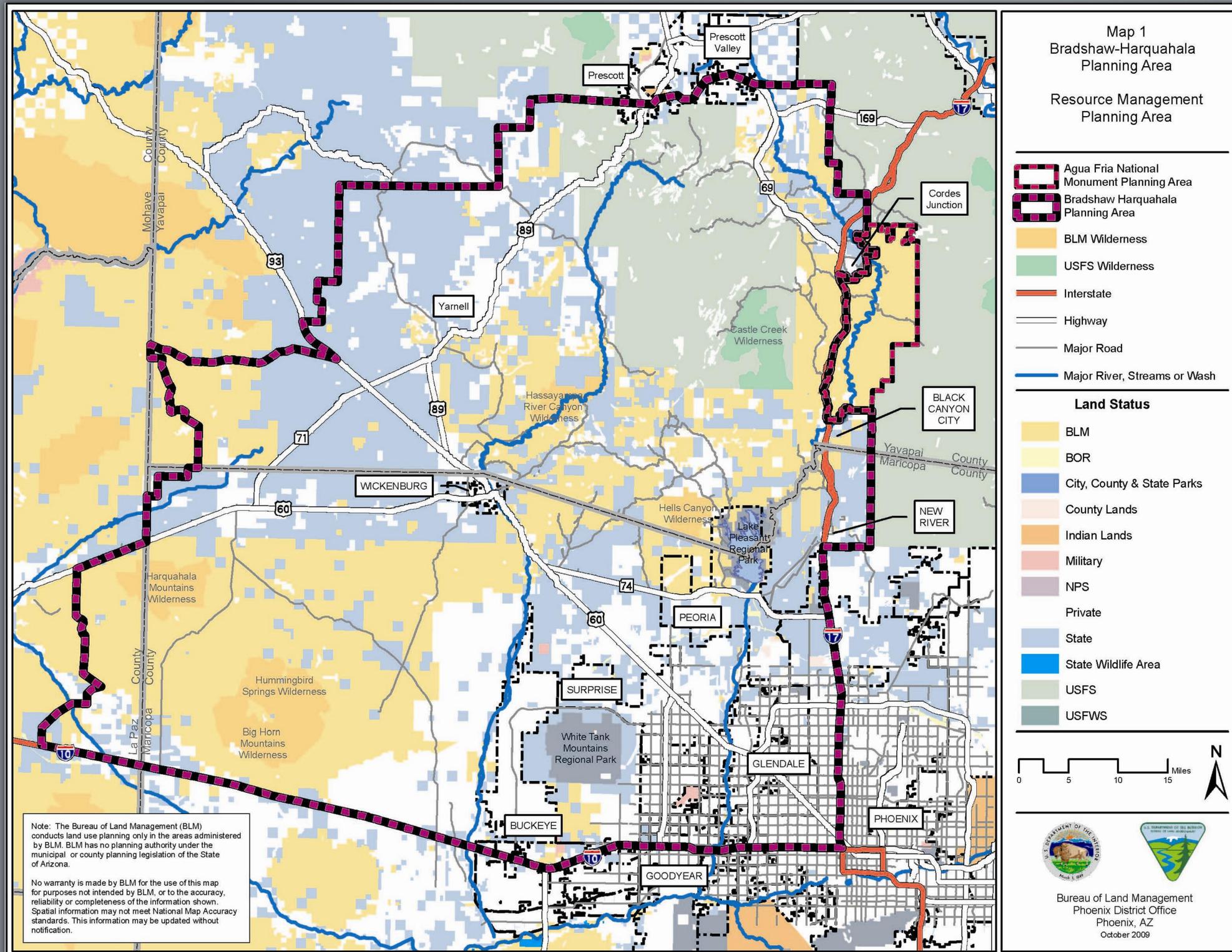


# Bureau of Land Management (BLM) Mission

Working with its partners at the local, state, and national levels, the BLM will meet its mission of sustaining the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

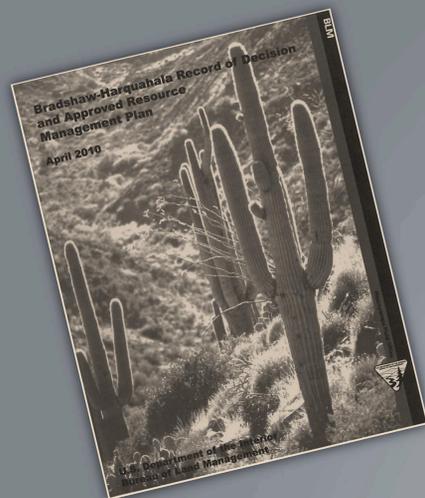


The BLM Hassayampa Field Office prepared the Approved Bradshaw-Harquahala Resource Management Plan (RMP) to provide comprehensive current and future management of the public lands administered by the Hassayampa Field Office. The RMP was approved on April 22, 2010.



The RMP represents years of ongoing, coordinated efforts on the part of the BLM Phoenix District and Hassayampa Field Office staff, BLM Arizona State Office staff, representatives of communities located within the planning area, cooperating and collaborating government agencies, special interest and user groups, and hundreds of concerned citizens.

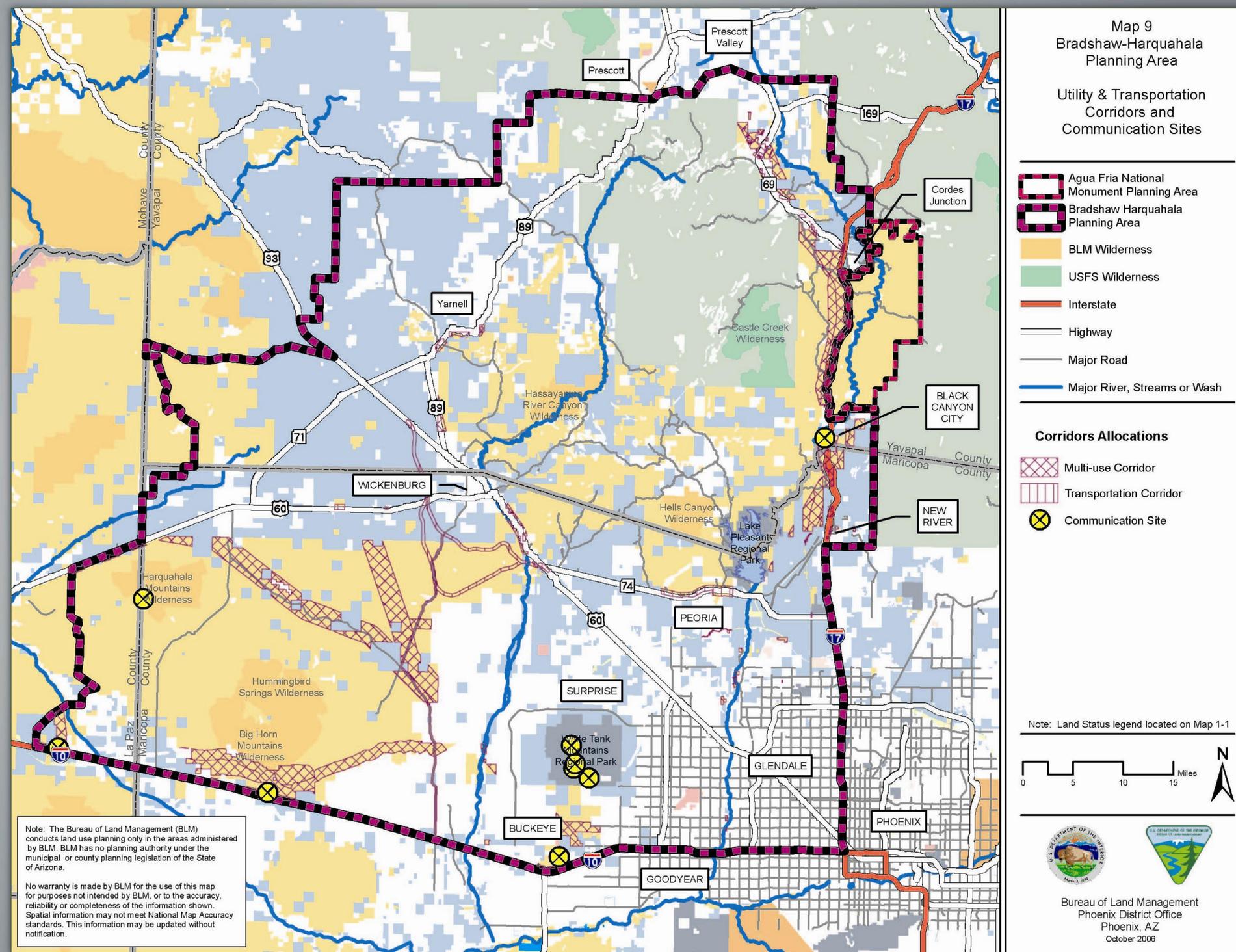
# APS' proposed transmission route would cross public lands managed under the Bradshaw-Harquahala Resource Management Plan (2010)



- The RMP indicates that all major utilities will be routed through designated utility corridors (see LR-15, page 32 in the RMP).
- The RMP does not allow for a utility corridor on public lands along SR 74.



Therefore, if the RMP amendment were to be approved, then the proposed right-of-way may be granted.



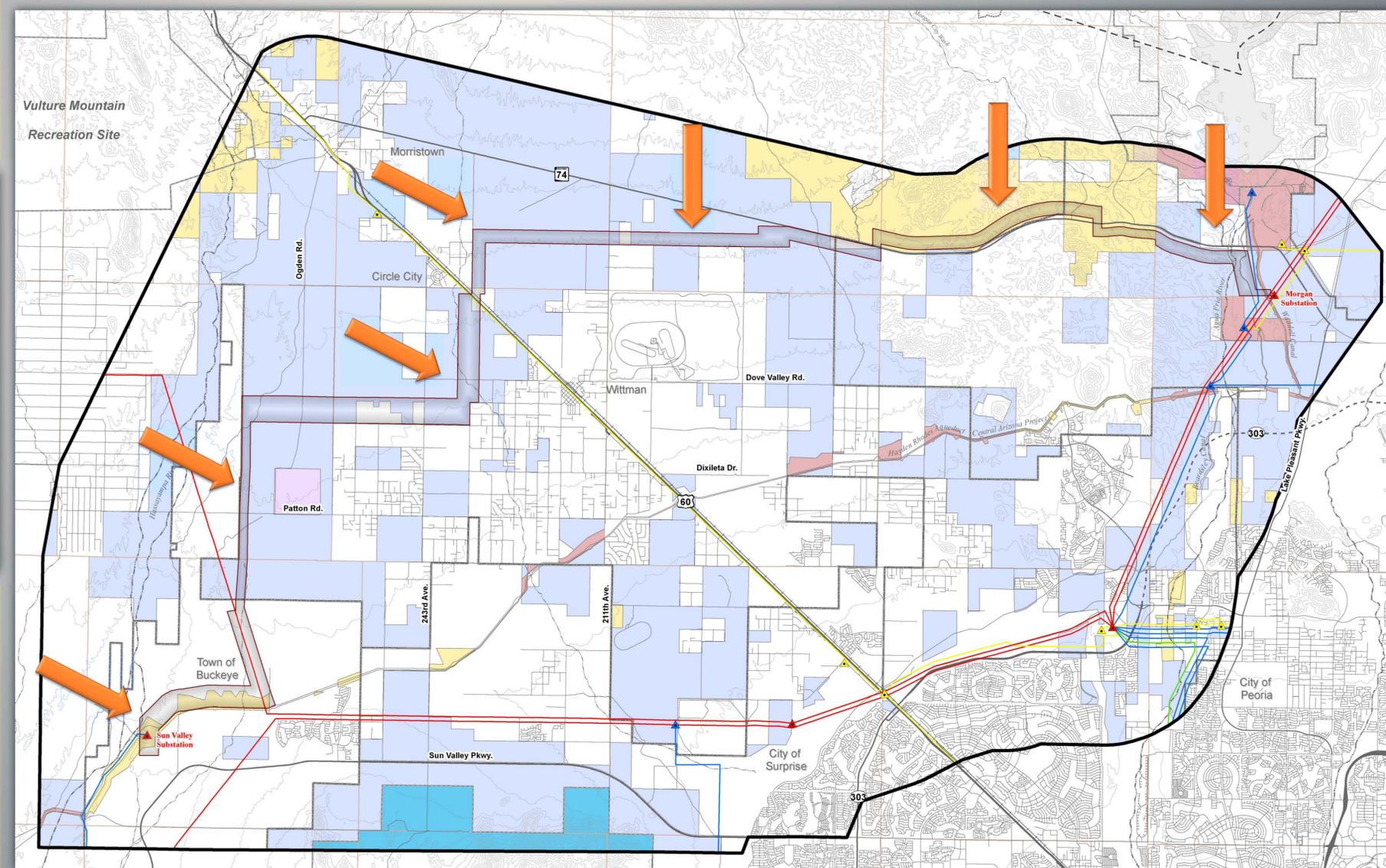
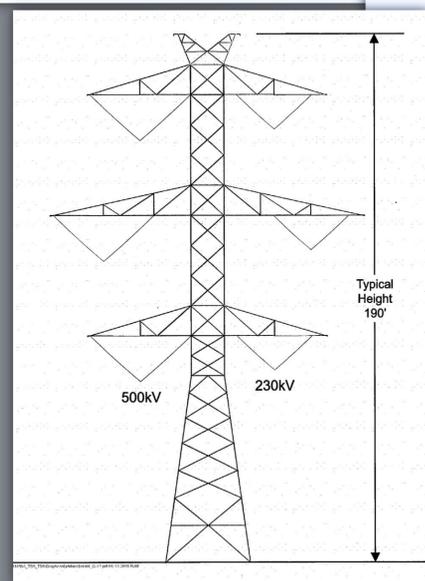
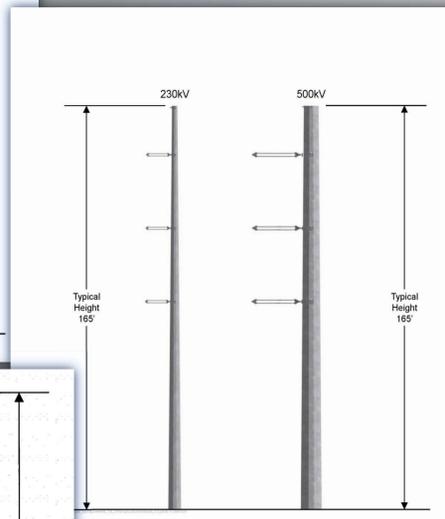
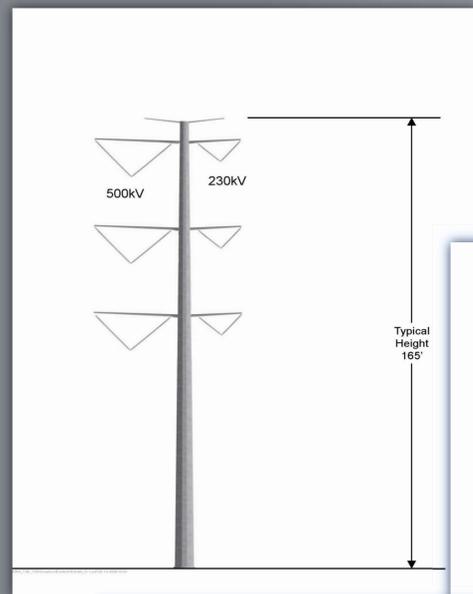
## Proposed RMP Amendment



- 38 miles of transmission line connecting the Sun Valley Substation to the Morgan Substation
- 200 foot-wide right-of-way requested
- Single tubular pole structures or lattice structures will contain both 500kV and 230kV transmission lines
- Poles would be 135 to 195 feet tall and placed every 800 to 1,400 feet

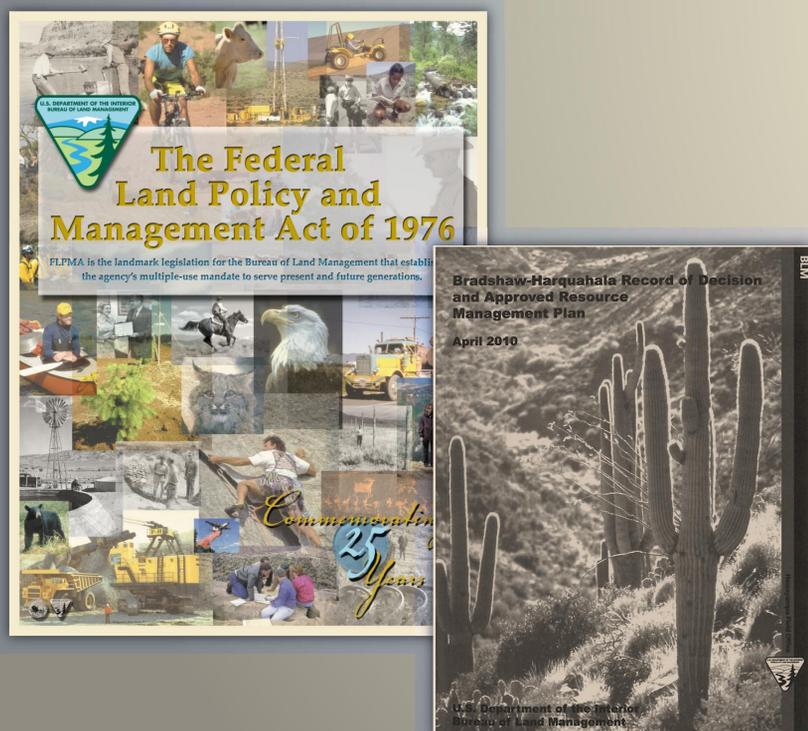
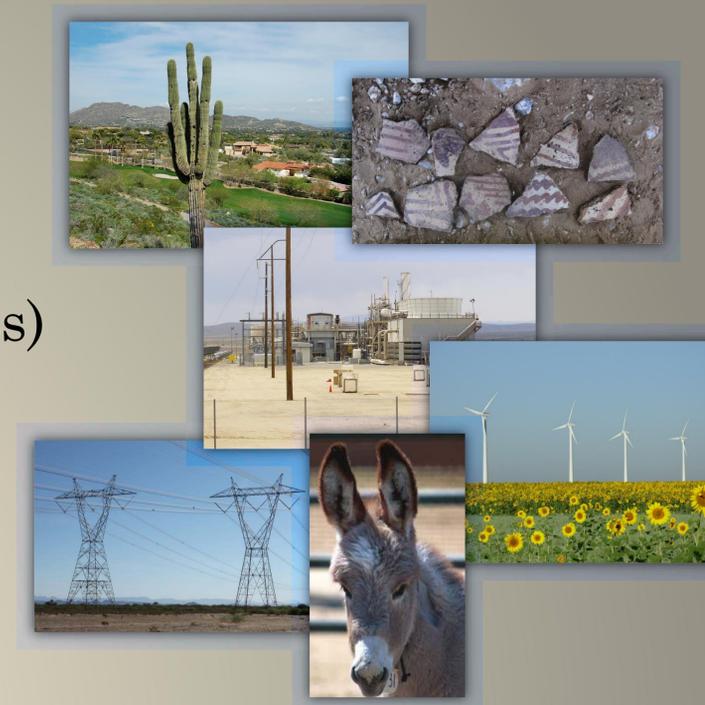


## APS' Proposed Route



## BLM's Purpose

- The BLM provides for uses of public land in the public interest in accordance with its multiple use mission and statutory mandates, including:
  - Federal Land Policy and Management Act of 1976
  - Energy Policy Act of 2005
  - Executive Order 13212 (Actions to Expedite Energy-Related Projects)
  - Secretary of the Interior Order No. 3285
  - Bradshaw-Harquahala Resource Management Plan, signed April 22, 2010



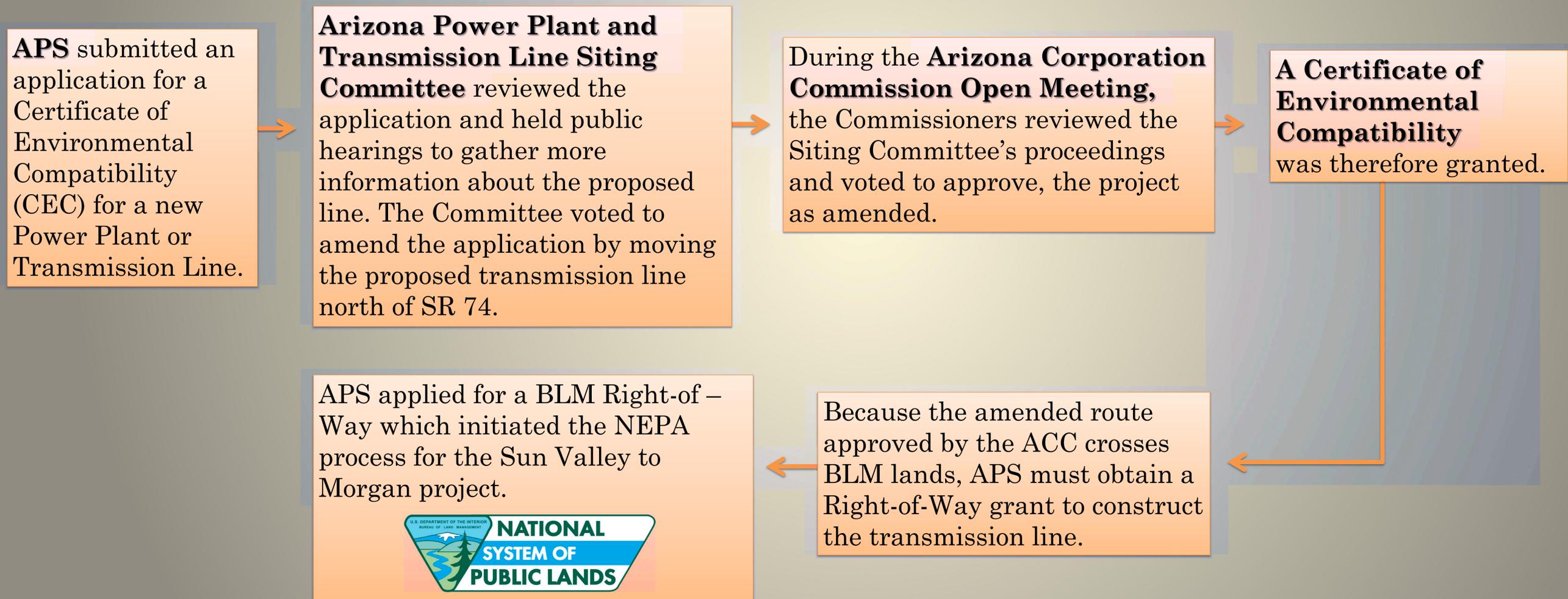
## BLM's Need

- Respond to the proponent's right-of-way application (Standard Form 299, Application for Transportation and Utility Systems and Facilities on Federal Lands) to construct and operate the proposed project, as well as for a possible amendment to the RMP.



The Arizona Corporation Commission oversees the transmission line and power plant siting process for APS.

## Arizona Corporation Commission (ACC) Certificate of Environmental Compatibility Process



## The National Environmental Policy Act (NEPA) of 1969

- Sets forth policy and goals as a means for carrying out its principles.
- Ensures that federal agencies act in good faith during federal undertakings.
- Provides the interested public and affected agencies the opportunity to input, identify issues, and offer solutions early in the NEPA process. This is accomplished through scoping and the formal public review of the draft NEPA document.

### What is Scoping?

- The scoping period occurs early in the process, before the Environmental Impact Statement (EIS) document is prepared.
- Scoping is intended to ensure that relevant issues and concerns are identified early and properly studied as part of the EIS.



### What is an Environmental Impact Statement?

An EIS is a document prepared to comply with the requirements of NEPA. An EIS is prepared to analyze and disclose the effects of proposed activities on the environment.

#### Bureau of Land Management

Lead Agency responsible for managing the NEPA Process and drafting the Environmental Impact Statement

#### Cooperating Agencies

Responsible for participating in the NEPA process by attending meetings, providing information, reviewing documents, and providing input on decision to be made.

#### BLM's Decisions To Be Made

- Determine whether or not to approve an amendment to the Bradshaw-Harquahala RMP.
- Determine whether or not to grant the right-of-way application for construction.

## What is NEPA?

## What will be Analyzed?

The agency must analyze the full range of direct, indirect, and cumulative effects of the proposed project and any reasonable alternatives to resources such as ecological, aesthetic, historic, cultural, economic, social, or health.

## What is an Impact?

- An "impact" is a change or consequence that results from an activity.
- Impacts can be positive or negative, or both.
- An EIS describes impacts, as well as ways to "mitigate" impacts. To "mitigate" means to lessen or remove negative impacts.



**Cultural Resources-** Any object or specific location of past human activity, occupation, or use, identifiable through historical documentation.



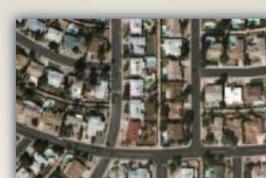
**Biological Resources-** Plant and animal species in the project area with special emphasis on sensitive or protected species.



**Recreation-** Designated recreational uses (campgrounds, picnic areas, off-highway vehicle use) and nondesignated recreational uses (hunting, rock hounding).



**Visual Resources and Noise-** Refers to the scenic or visual quality and character of the landscape.



**Land Use-** Compatibility of project with designated land uses on BLM land and surrounding lands.



**Socioeconomics-** Evaluation of economic and social impacts of project on the local communities or populations.



**Health and Safety-** Involves analysis of potential hazards to surrounding communities from any health and safety dangers including chemical spills or fire hazard hazards.



**Water Resources –** Surface and groundwater resources in the project area or regional area.

# Proposed Sun Valley to Morgan 500/230kV Transmission Line Project and Proposed Resource Management Plan Amendment

## Study Area Communities

### LEGEND

-  Proposed Project Route
-  Study Area

### Resource Features

- #### City and Town Boundaries
-  Town of Buckeye
  -  City of Peoria
  -  City of Surprise

### Reference Features

- |   |   |
|---|---|
|  Arterial Street               |  Railroad        |
|  Major Road                    |  River           |
|  Under Construction (Loop 303) |  Wash/ Stream    |
|  Township and Range            |  Lake Boundary   |
|  Jurisdictional Boundary       |  Wilderness Area |
|  County Boundary               |  Recreation Area |
- 
- #### Existing Transmission Features
- |   |  |
|---|--|
|  Transmission Line 69kV  |  Substation 69kV  |
|  Transmission Line 230kV |  Substation 230kV |
|  Transmission Line 345kV |  Substation 500kV |
|  Transmission Line 500kV |  |
- Note: Transmission lines are offset for graphical purposes.

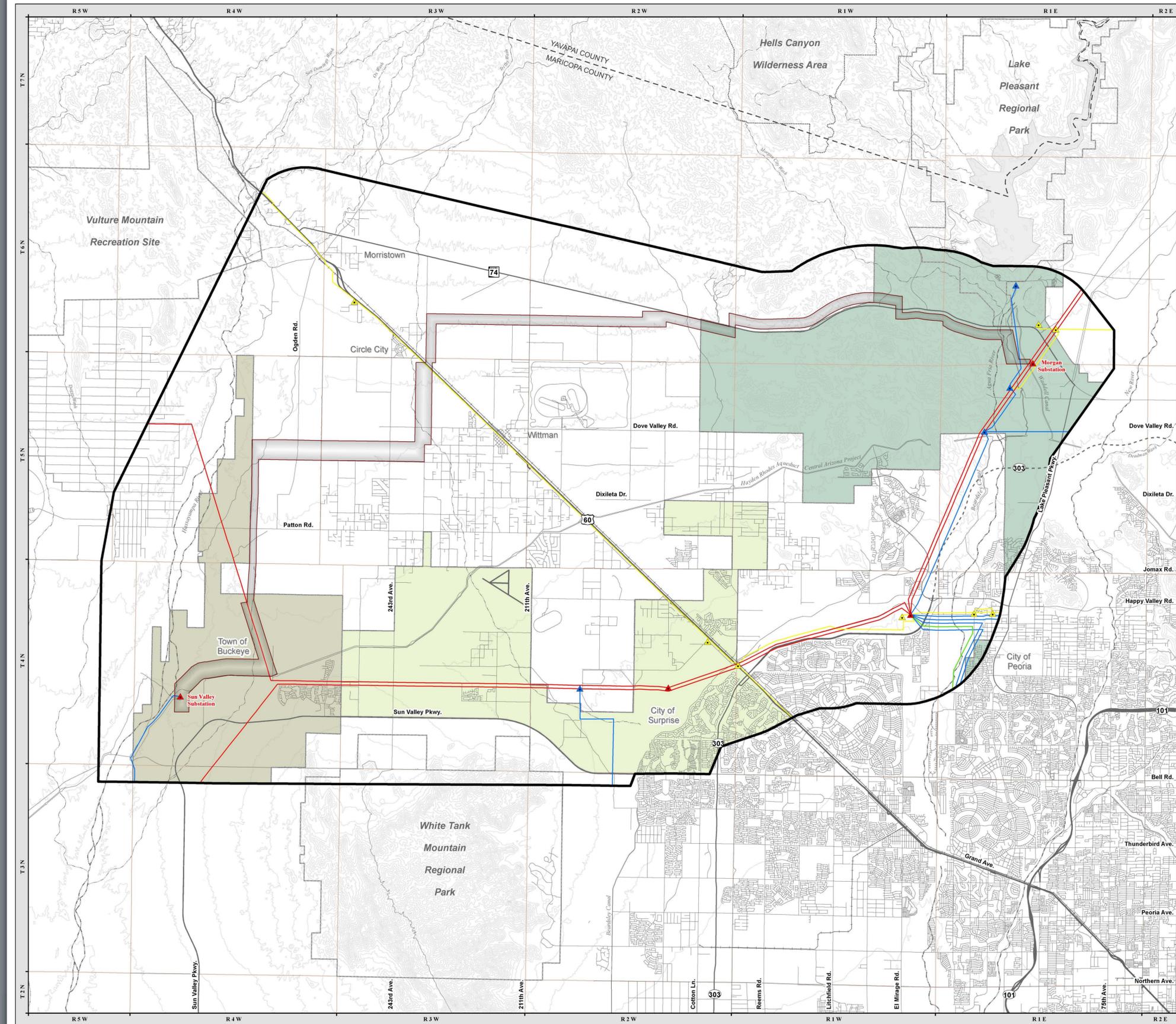


Sources: Bureau of Land Management 2010; Maricopa County 2011; EPG 2011; ESRI 2010; POWERmap, powermap.platts.com ©2007 Platts, A Division of The McGraw-Hill Companies



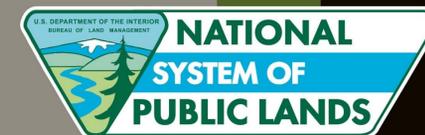
April 21, 2011

Contour Interval 100 feet



# Study Area Communities

\* Cities and towns do not have jurisdiction on federal lands



## Proposed Sun Valley to Morgan 500/230kV Transmission Line Project and Proposed Resource Management Plan Amendment

### Land Ownership

#### LEGEND

- Proposed Project Route
- Study Area

#### Resource Features

- |  |  |
|--|--|
| <b>Land Ownership</b><br><ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> Bureau of Land Management</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black; margin-right: 5px;"></span> Bureau of Reclamation</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; border: 1px solid black; margin-right: 5px;"></span> Military</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> State Trust</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: tan; border: 1px solid black; margin-right: 5px;"></span> County Land</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: cyan; border: 1px solid black; margin-right: 5px;"></span> State/Local Park</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: white; border: 1px solid black; margin-right: 5px;"></span> Private</li> </ul> |
|--|--|

#### Reference Features

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Arterial Street</li> <li><span style="display: inline-block; width: 20px; border-bottom: 2px solid black; margin-right: 5px;"></span> Major Road</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Under Construction (Loop 303)</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Township and Range</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Jurisdictional Boundary</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> County Boundary</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Railroad</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> River</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Wash/ Stream</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Lake Boundary</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Wilderness Area</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Recreation Area</li> </ul> |
|--|--|

#### Existing Transmission Features

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid yellow; margin-right: 5px;"></span> Transmission Line 69kV</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Transmission Line 230kV</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid green; margin-right: 5px;"></span> Transmission Line 345kV</li> <li><span style="display: inline-block; width: 20px; border-bottom: 1px solid red; margin-right: 5px;"></span> Transmission Line 500kV</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 10px solid yellow; margin-right: 5px;"></span> Substation 69kV</li> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 10px solid blue; margin-right: 5px;"></span> Substation 230kV</li> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 10px solid red; margin-right: 5px;"></span> Substation 500kV</li> </ul> <p style="font-size: small;">Note: Transmission lines are offset for graphical purposes.</p> |
|---|---|

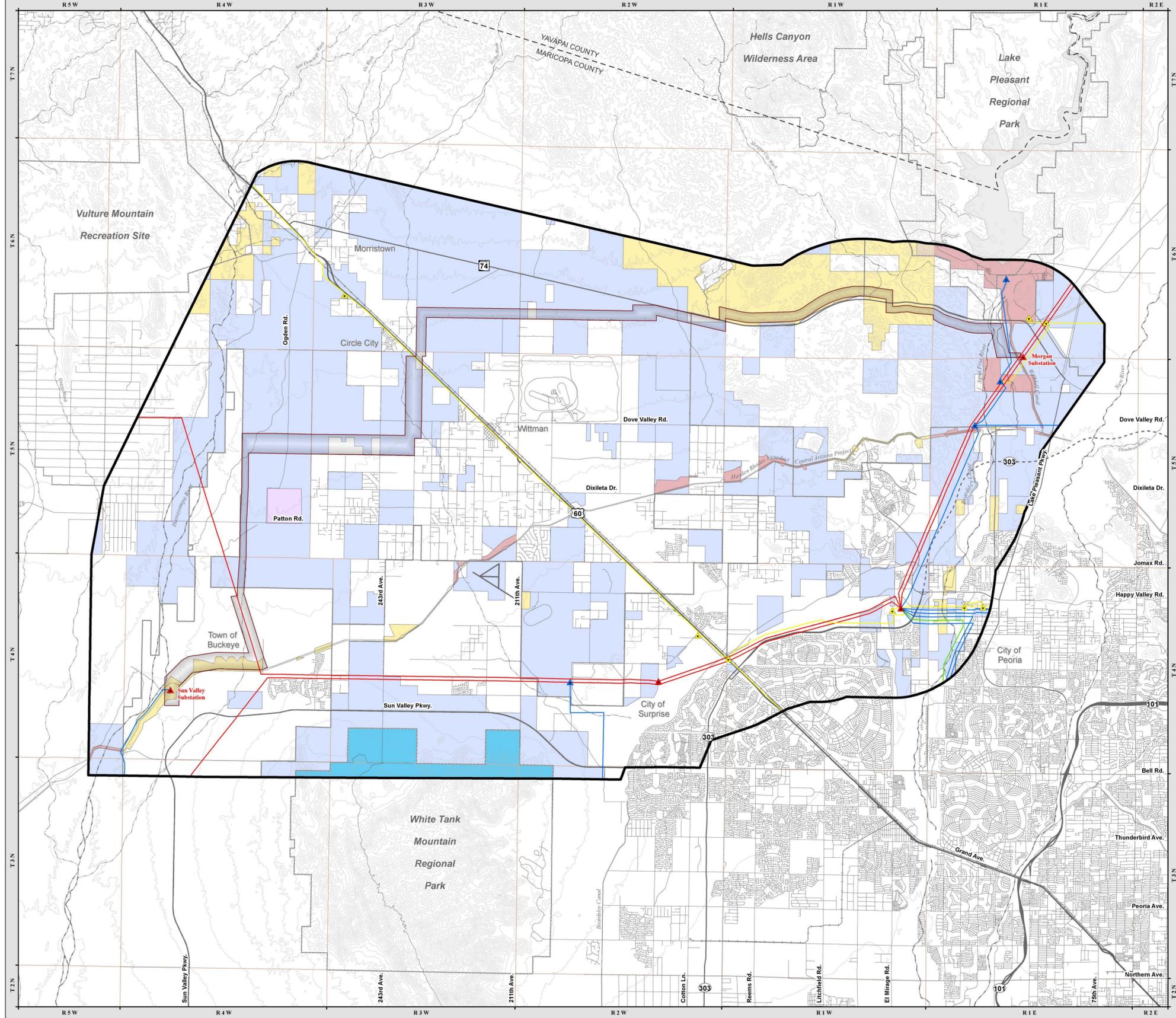


Sources: Bureau of Land Management 2010; Maricopa County 2011; EPG 2011; ESRI 2010; POWERmap, powermap.platts.com ©2007 Platts, A Division of The McGraw-Hill Companies



April 21, 2011

Contour Interval 100 feet





## Proposed Sun Valley to Morgan 500/230kV Transmission Line Project and Proposed Resource Management Plan Amendment

### Developments

#### LEGEND

- Proposed Project Route
- Study Area

#### Resource Features

- ##### Development Status
- Built-out
  - Final Plat
  - Preliminary Plat
  - Conceptual
  - Unknown / Inactive

#### Reference Features

- |   |   |
|---|---|
| <span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Arterial Street                | <span style="display: inline-block; width: 20px; border-bottom: 1px dashed black; margin-right: 5px;"></span> Railroad    |
| <span style="display: inline-block; width: 20px; border-bottom: 2px solid black; margin-right: 5px;"></span> Major Road                     | <span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> River        |
| <span style="display: inline-block; width: 20px; border-bottom: 1px dotted black; margin-right: 5px;"></span> Under Construction (Loop 303) | <span style="display: inline-block; width: 20px; border-bottom: 1px solid black; margin-right: 5px;"></span> Wash/ Stream |
| <span style="display: inline-block; width: 20px; border: 1px solid black; margin-right: 5px;"></span> Township and Range                    | <span style="display: inline-block; width: 20px; border: 1px solid black; margin-right: 5px;"></span> Lake Boundary       |
| <span style="display: inline-block; width: 20px; border: 1px dashed black; margin-right: 5px;"></span> Jurisdictional Boundary              | <span style="display: inline-block; width: 20px; border: 1px solid black; margin-right: 5px;"></span> Wilderness Area     |
| <span style="display: inline-block; width: 20px; border: 1px dotted black; margin-right: 5px;"></span> County Boundary                      | <span style="display: inline-block; width: 20px; border: 1px solid black; margin-right: 5px;"></span> Recreation Area     |

#### Existing Transmission Features

- |  |   |
|--|---|
| <span style="display: inline-block; width: 20px; border-bottom: 2px solid yellow; margin-right: 5px;"></span> Transmission Line 69kV | <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> Substation 69kV |
| <span style="display: inline-block; width: 20px; border-bottom: 2px solid blue; margin-right: 5px;"></span> Transmission Line 230kV  | <span style="display: inline-block; width: 15px; height: 15px; background-color: blue; border: 1px solid black; margin-right: 5px;"></span> Substation 230kV  |
| <span style="display: inline-block; width: 20px; border-bottom: 2px solid green; margin-right: 5px;"></span> Transmission Line 345kV | <span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> Substation 500kV |
| <span style="display: inline-block; width: 20px; border-bottom: 2px solid red; margin-right: 5px;"></span> Transmission Line 500kV   |   |
- Note: Transmission lines are offset for graphical purposes.

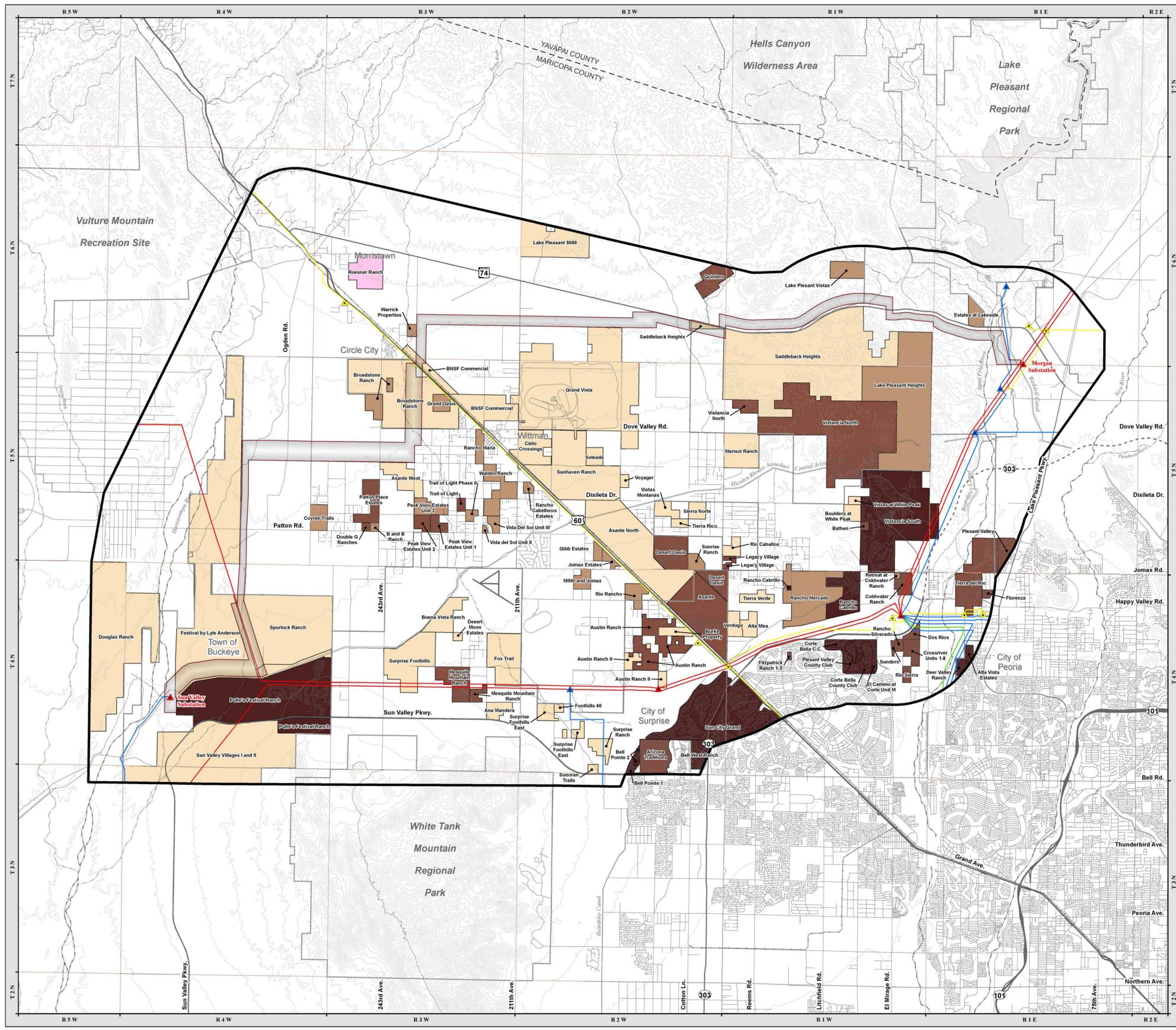


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April 21, 2011

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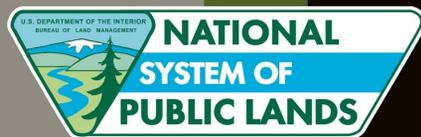


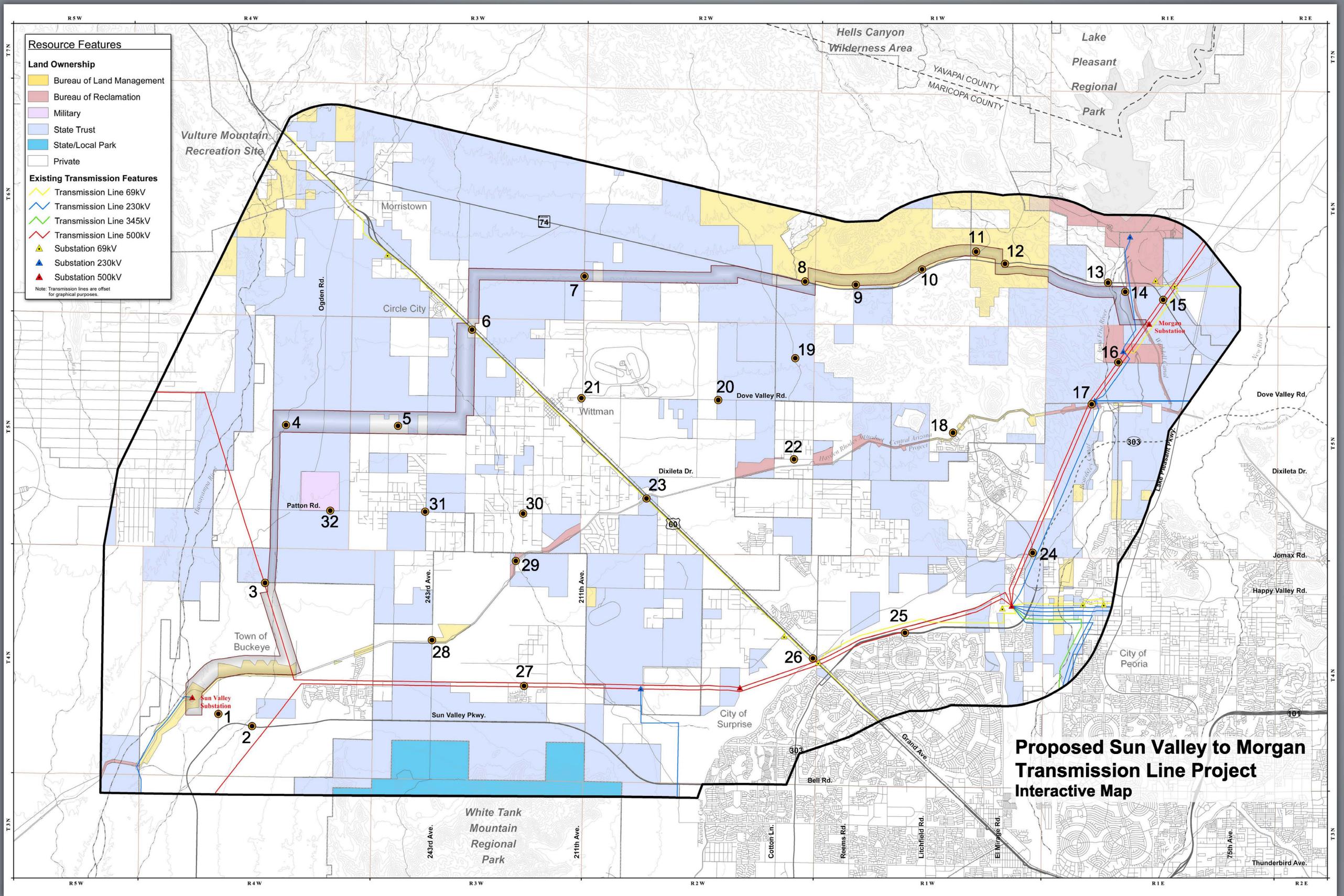
# Planned Developments





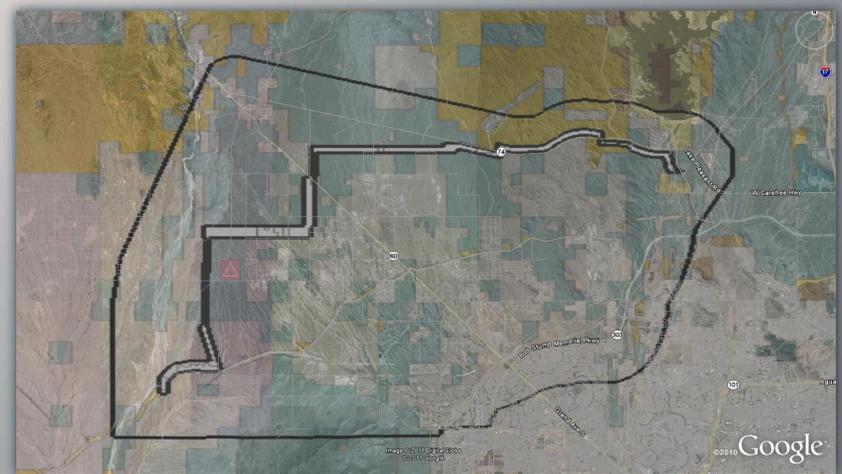
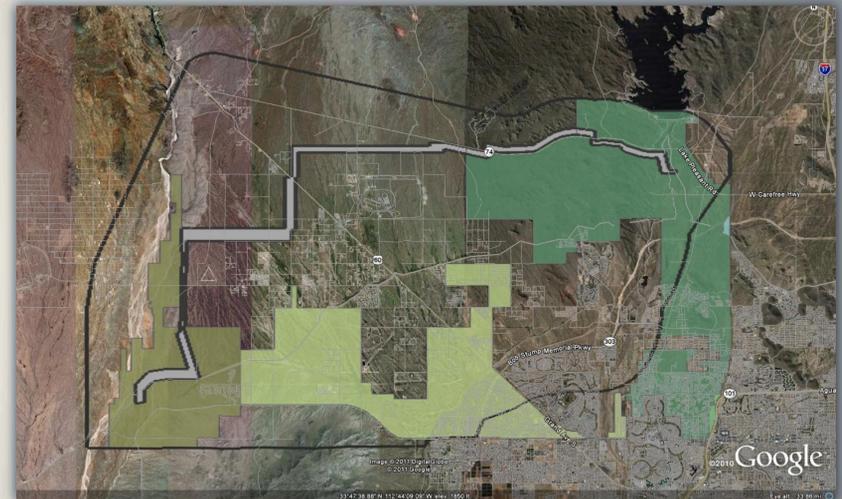
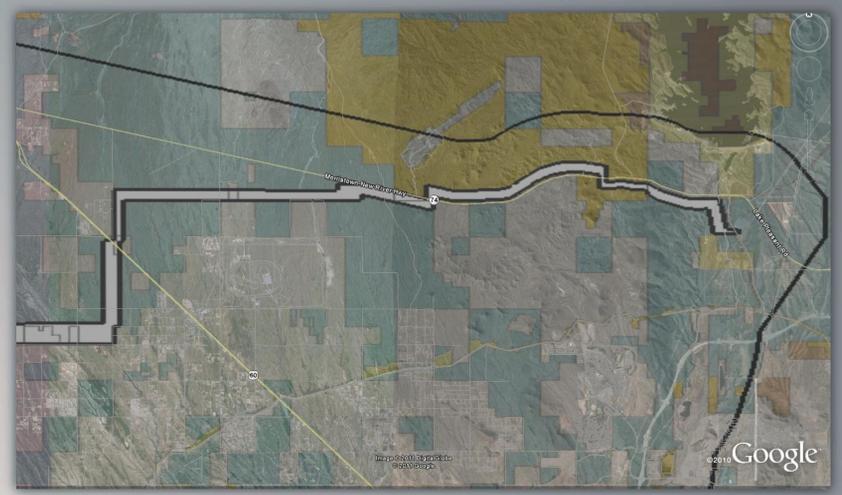
# SR 74 Virtual Tour Station



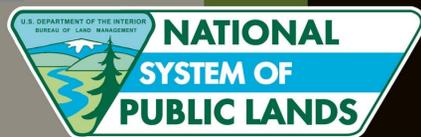


# Interactive Photo Point Map Station





Google Earth Station



# Ways to Submit Comments

## Tonight

Submit comment form to BLM Staff

## US Mail

Sun Valley to Morgan Project  
Attn: Joe Incardine/  
Kathleen Depukat  
BLM Phoenix District Office  
Hassayampa Field Office  
21605 North 7<sup>th</sup> Avenue  
Phoenix, Arizona 85027-2929

## Email

SunValley-Morgan@blm.gov

## Fax

623-580-5580

## Make a Difference

*Your comments should...*

- focus on the potential environmental effects, reasonable alternatives, and measures to avoid or lessen environmental impacts.
- be substantive and as specific as possible.

COMMENTS  
ARE DUE BY  
MAY 27, 2011

For more information  
or if you have further questions contact:

Joe Incardine  
801-524-3833  
jincardi@blm.gov

## For Project Updates

Information Hotline  
1-800-578-4133



# Proposed APS Sun Valley to Morgan 500/230kV Transmission Line EIS Project Public Meeting/Open House - Agenda

5:30 Welcome & Sign In

5:45 Meeting Introduction

5:55 BLM & APS Presentations

6:30 Participant Comments & Thoughts

6:50 Group Activity Introduction & Discussion

7:30 Group Presentations

7:55 Wrap-up/Next Steps

8:00 Adjourn

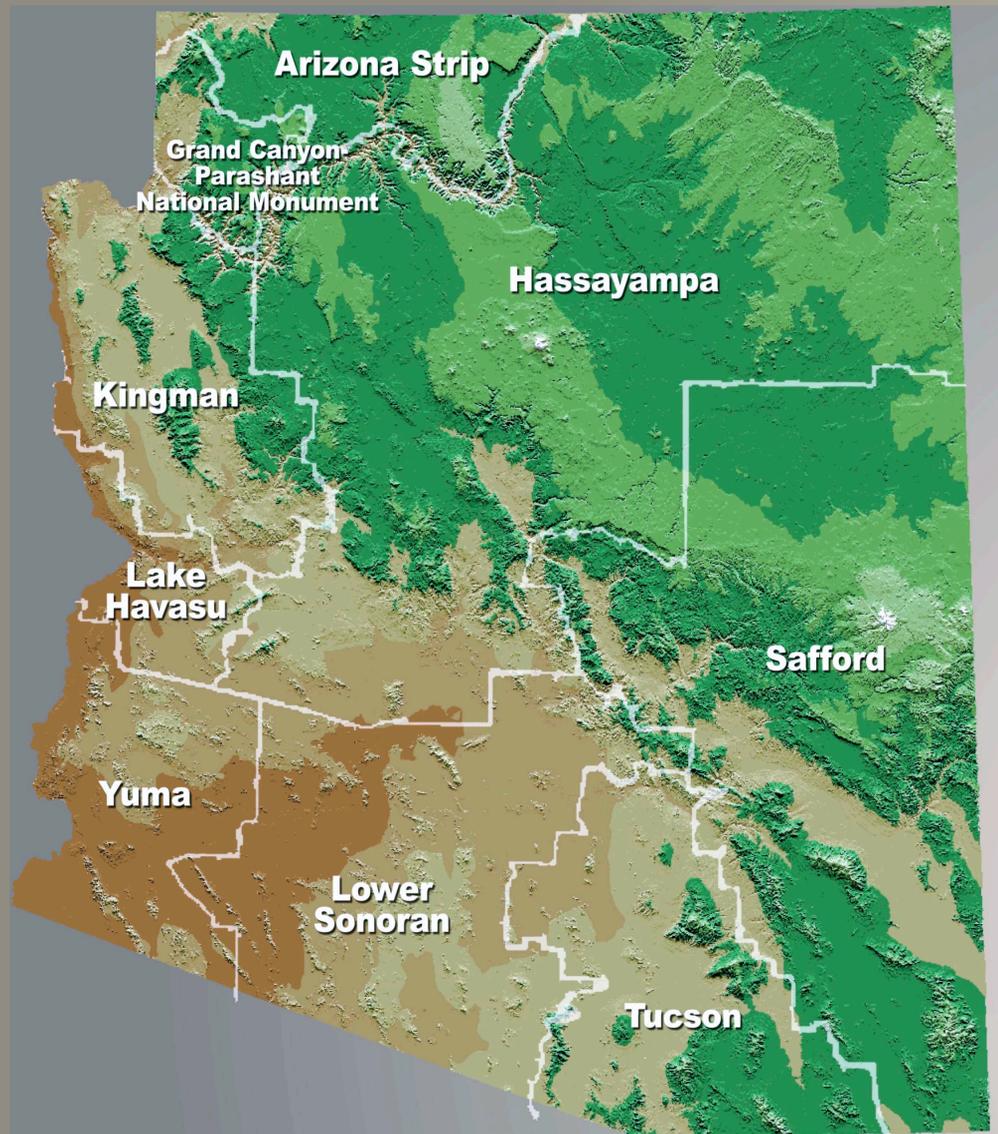


The BLM Arizona administers 12.2 million surface acres of public lands, and another 17.5 million subsurface acres within the state.



 <b>Bureau of Land Management Arizona Strategic Goals</b>				
BLM Arizona Strategies	BLM National Priorities			
	Land Improve Health & Productivity of the Land	Conservation Cultivate Community Based Conservation	Employees Respect, Value and Support	Business Pursue Excellence in Business Practice
Sustainability	<b>Water</b> Assessment Living River Process Partnerships Priorities	<b>Ecological Function</b> Assessment Prioritize Community Action Monitor	<b>Climate</b> Mitigation and Adaptation	<b>Working Landscapes</b> Best Management Practices Analyze Data Monitoring
Heritage Stewardship	<b>NLCS</b> Conservation Values Community Youth	<b>Tribal</b> Communications Leader Relationships Joint Projects	<b>Heritage Properties</b> Community Stewardship	
Community Support Community Use	<b>Sustainable Energy</b> Collaboration Appropriate Projects Landscape Context	<b>Community Infrastructure</b> Road-Trail Network Joint Implementation	<b>Recreation</b> Partner Delivery Visitor Information Enhance Volunteer Roles	<b>Public Safety</b> US-Mexico Border Abandoned Mines
Operational Excellence	<b>Budget Effectiveness</b> Emphasize Strategies Cost Effectiveness Cost Reduction Out-Year Planning	<b>Employee Development</b> Emphasize Strategies Use Monitoring Tools Implement Initiatives Multi-Year Planning	<b>Process Improvement</b> GIS Capability NEPA Best Practices	<b>Partnerships Volunteers</b> Mission Integration

- The BLM Arizona has 9 field offices throughout the state providing on-the-ground field management.
- The BLM balances recreational, commercial, scientific and cultural interests.
- The BLM strives for long-term protection of renewable and nonrenewable resources, including range, timber, minerals, recreation, watershed, fish and wildlife, wilderness, wild horses and burros, and natural, scenic, scientific and cultural values.



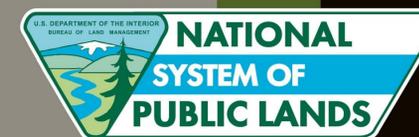
The BLM Hassayampa Field Office manages nearly 1 million acres north of Interstate 10 and an additional 725,000 acres of subsurface estate (mineral interests), including the 70,900 acre Agua Fria National Monument.

Public lands within this field office are near developed and expanding communities and are heavily used. The lands are managed for multiple use and provide diverse recreational opportunities, mining, wildlife habitat, grazing, and wilderness, all overlaying a rich cultural past.



The field office oversees five wilderness areas, one river segment suitable for Wild and Scenic River Designation, and one Area of Critical Environmental Concern. It is home to the Harquahala National Back Country Byway as well as one property listed on the National Register of Historic Places.

Phoenix District Office  
Angelita Bullets, District Manager  
Hassayampa Field Office  
Steve Cohn, Field Manager  
21605 North 7th Avenue  
Phoenix, AZ 85027-2929  
Phone: 623-580-5500  
Fax: 623-580-5580



## Hassayampa Field Office

## Right-of-Way Application Process

## RMP Amendment Process

