

Ivanpah

Description/Location: Located within the Ivanpah Valley, east of the Mojave National Preserve, southwest of the California-Nevada border. The original ACEC was bounded on the northwest by Interstate 15. The expanded boundary encompasses areas north of Interstate 15 and is bounded on the north and west by Mojave National Preserve Clark Mountain Unit with the eastern boundary remains the California-Nevada border. Two sections of the Clark Mountain ACEC will be added to the Ivanpah Expansion Area.

Nationally Significant Values:

The Ivanpah valley is a dry lake valley with Creosote shrub dominating the landscape. It is a highly rich ecosystem with a high density of Desert tortoise (*Gopherus agassizii*). The 2002 Northern and Eastern Mojave Desert plan designated the original Ivanpah Valley Tortoise Management Area which provides Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage between the Mojave National Preserve and land managed by the Las Vegas BLM Field Office.

Ecological: The area provide habitat and supports important populations of several BLM sensitive plants, including San Bernardino milk-vetch (*Astragalus bernardinus*), polished blazing star (*Mentzelia polita*), and Rusby's desert-mallow (*Sphaeralcea rusbyi* var. *eremicola*). The area provided habitat and supports regionally important populations of desert bighorn sheep, desert tortoise, American badger, and Bendire's thrasher.

Cultural: The shoreline of Ivanpah Dry Lake was heavily used by native American tribes and contains extensive evidence of prehistoric aboriginal occupation spanning over a period of 4000 years.

Mgmt. Plan/Date of Original Designation– NEMO Plan Amendment 2002

Relevance and Importance Criteria: Relevant biological resources. It is a highly rich ecosystem with a high density of Desert tortoise (*Gopherus agassizii*). The area provides Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage between the Mojave National Preserve and land managed by the Las Vegas BLM Field Office. Additionally, the area provide habitat and supports important populations of several BLM sensitive plants, including San Bernardino milk-vetch (*Astragalus bernardinus*), polished blazing star (*Mentzelia polita*), and Rusby's desert-mallow (*Sphaeralcea rusbyi* var. *eremicola*). The area provided habitat and supports regionally important populations of desert bighorn sheep, American badger, and Bendire's thrasher.

Goals: Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses. Provide protection and special management attention for sensitive cultural resources that will enhance their status and condition while providing for uses that are compatible with the protection and enhancement of sensitive resources. Manage area in accordance with the Desert Tortoise Recovery Plan.

Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	35,000	0	NA
Preferred Alternative	32,400	91,300	0	0.1%
1	0	91,300	0	0.1%
2	91,300	91,300	0	0.1%
3	34,968	88,947	0	0.1%
4	34,000	91,000	0	0.1%

* Acreage values are for BLM managed lands

Alternatives:

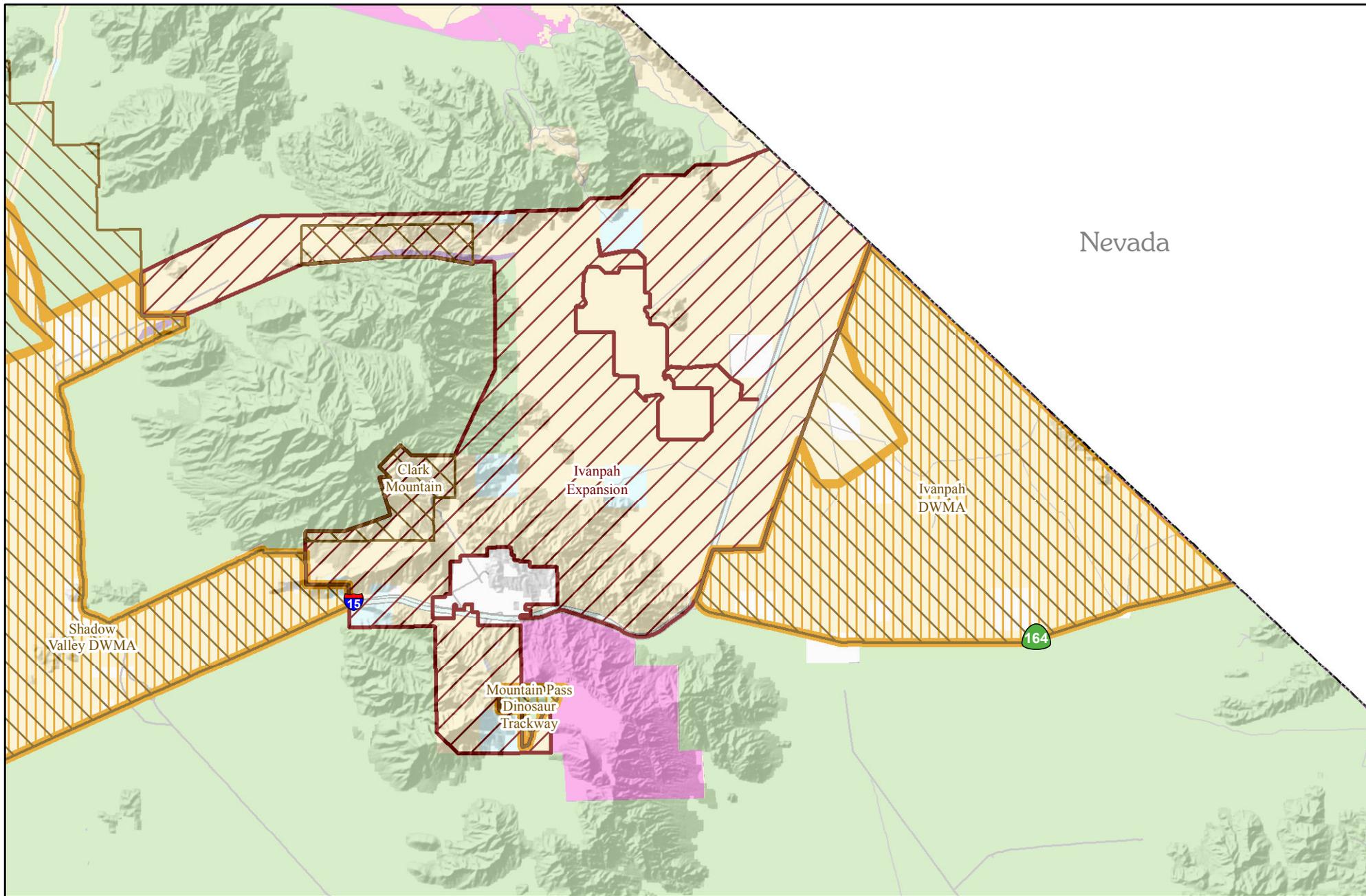
All Action Alternatives – The unit will be managed as it has been, but several boundary adjustments will occur. There are differences in size and location between alternatives (see table above and maps that follow). The Ivanpah SRMA encompassing dry lake bed and shoreline will be excluded from ACEC, the ACEC will be expanded across Interstate 15. In the expanded area, the ISEGS Solar Project, the Stateline Solar project, and CalTrans Joint Point of Entry are excluded from this designation. The expansion will include the two units of Clark Mountain ACEC that remain under BLM administration. The Clark Mountain designation will be removed and these areas will be incorporated in the Ivanpah ACEC.

No Action - Under the no action alternative, the ACEC would not be expanded, the dry lake bed would not be excluded, and management focus would be for the benefit of the desert tortoise.

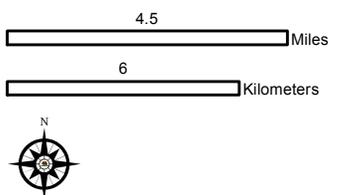
Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Rare Plants:</p> <p>Small-flowered androstephium (<i>Androstephium breviflorum</i>) [CNPS 2.2] Borrego milk-vetch (<i>Astragalus lentiginosus</i> var. <i>borreganus</i>) [CNPS 4.3] Harwood’s eriastrum (<i>Eriastrum harwoodii</i>) [CNPS 1B.2] – BLM Sensitive Species</p> <p>Parish’s club-cholla (<i>Grusonia parishii</i>) [CNPS 2.2] Sky-blue phacelia (<i>Phacelia coerulea</i>)[CNPS 2.3] Goodding’s phacelia (<i>Phacelia pulchella</i> var. <i>gooddingii</i>) [CNPS 2.2]</p> <p>Objective: Maintain or Improve condition of vegetation Action: Remove invasive plants, rehabilitate/revegetate disturbed areas. Action: Protect populations of special status plants and rare natural communities. Action: Conduct a plant survey of the ACEC</p>	Vegetation (incl. special status species)
<p>Special Status Species: Desert Tortoise</p> <p>Action: Remove invasive plants, rehabilitate/revegetate disturbed areas. Action: Protect populations of special animals, monitor populations</p>	Fish and Wildlife (incl. special status species)

<p>Objective: Manage recreation consistent with established conservation goals, while providing a broad range of recreation opportunities, and to ensure public health and safety;</p> <p>Management Action 1: Provide interpretive, directional, and regulatory signs and materials as necessary to provide public information and reduce impacts from recreational use.</p> <p>Management Action 2: Only allow SRP events which do not negatively affect DWMA Relevance and Importance Values.</p> <p>Management Action 3: Develop a management plan for Clark Mountain Campground.</p> <p>Management Action 4: Prohibit the cutting of firewood and burning of down and dead vegetation at the Clark Mountain Campground.</p>	<p>Recreation</p>
<p>Objective: Maintain intact landscape</p> <p>Management Action: Acquire all inholdings from willing sellers</p>	<p>Land Tenure</p>
<p>Objective: Maintain intact landscape</p> <p>Management Action: Linear Right of Ways that cannot be aligned to avoid the ACEC will not be allowed. Site Right of Ways should be consistent with or not impinge upon the purpose of the ACEC.</p>	<p>Rights of Way</p>
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	<p>Renewable Energy</p>
<p>Open to mineral entry w/ stipulations.</p>	<p>Locatable Minerals Mineral Materials Non-energy Leasables</p>
<p>Objective: Protect sensitive resources from grazing impacts</p> <p>Management Action: Retire Clark Mountain Allotment is now vacant, upon voluntary relinquishment</p>	<p>Livestock grazing</p>

Ivanpah



Nevada



Preferred Alternative ACECs

Date Printed: 5/29/2013

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ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

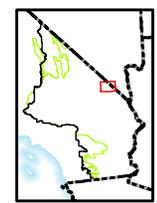
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

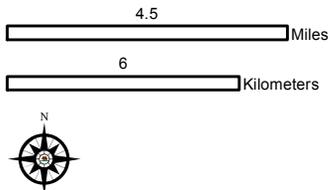
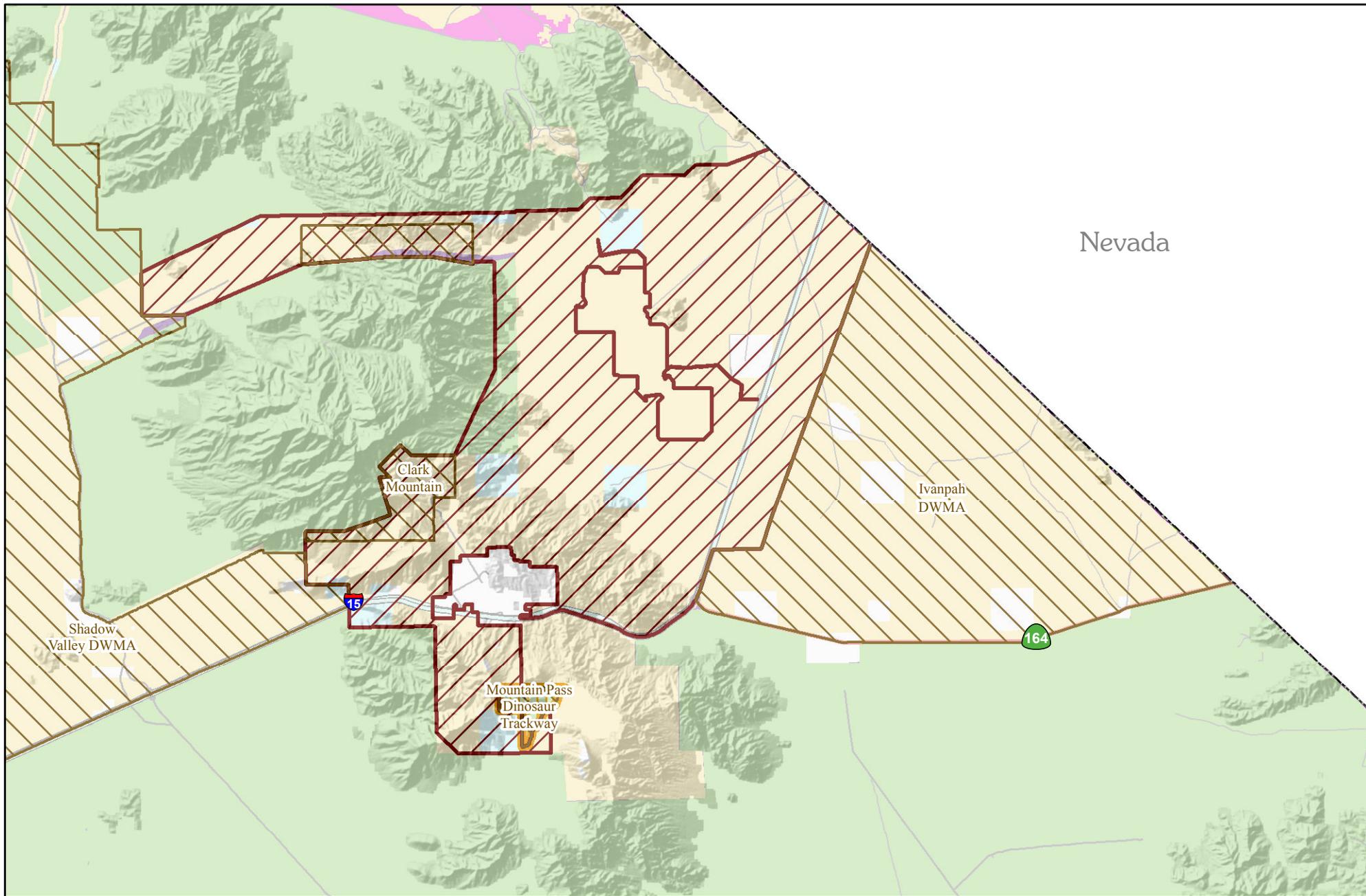
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Ivanpah



Alternative 1 ACECs
 Date Printed: 5/29/2013
 Prepared by BLM California State Office



ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

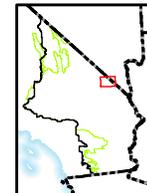
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

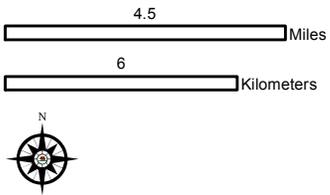
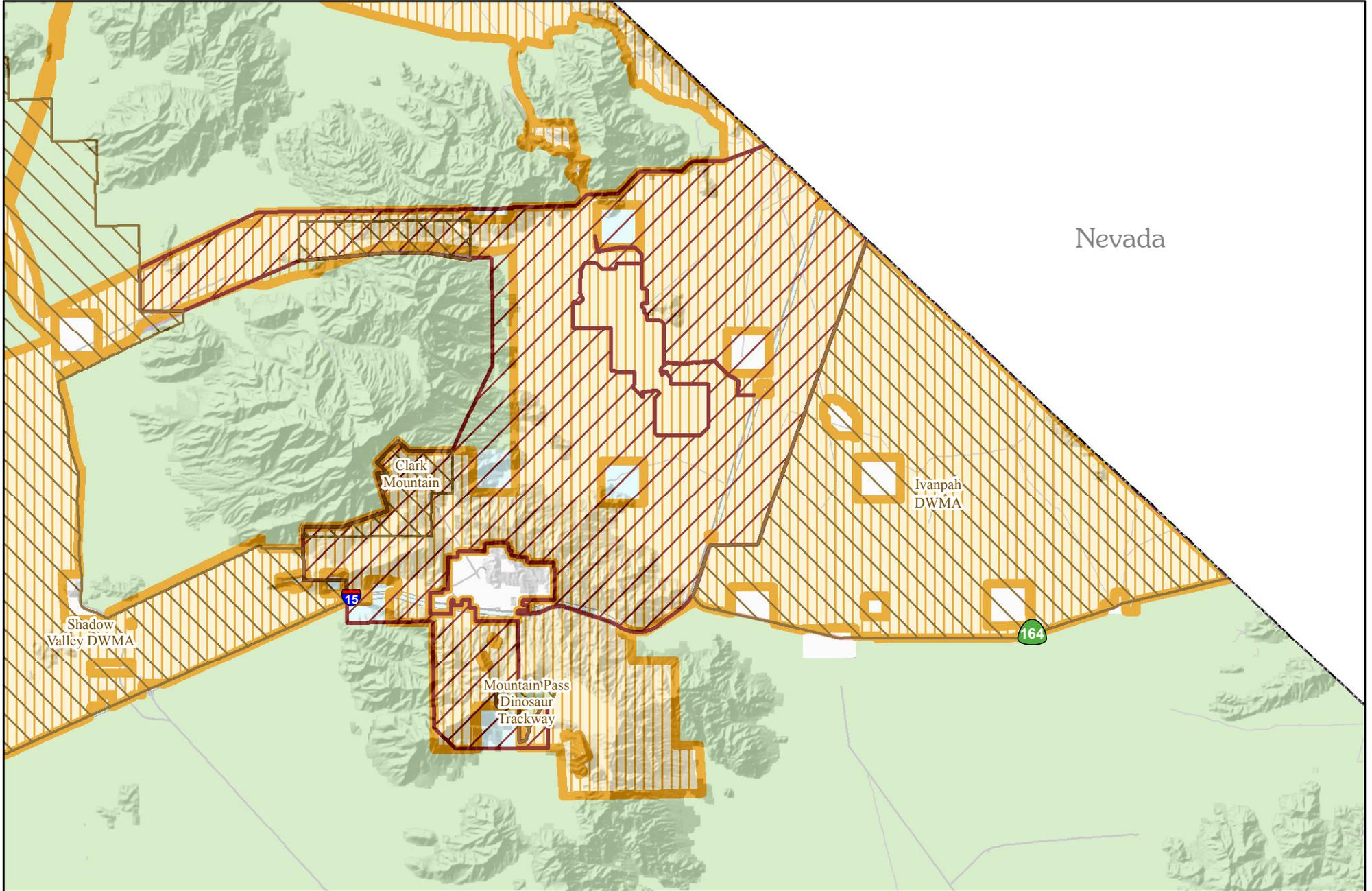
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Ivanpah



Alternative 2 ACECs

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ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

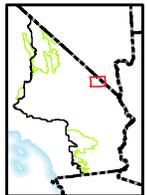
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

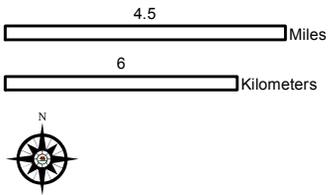
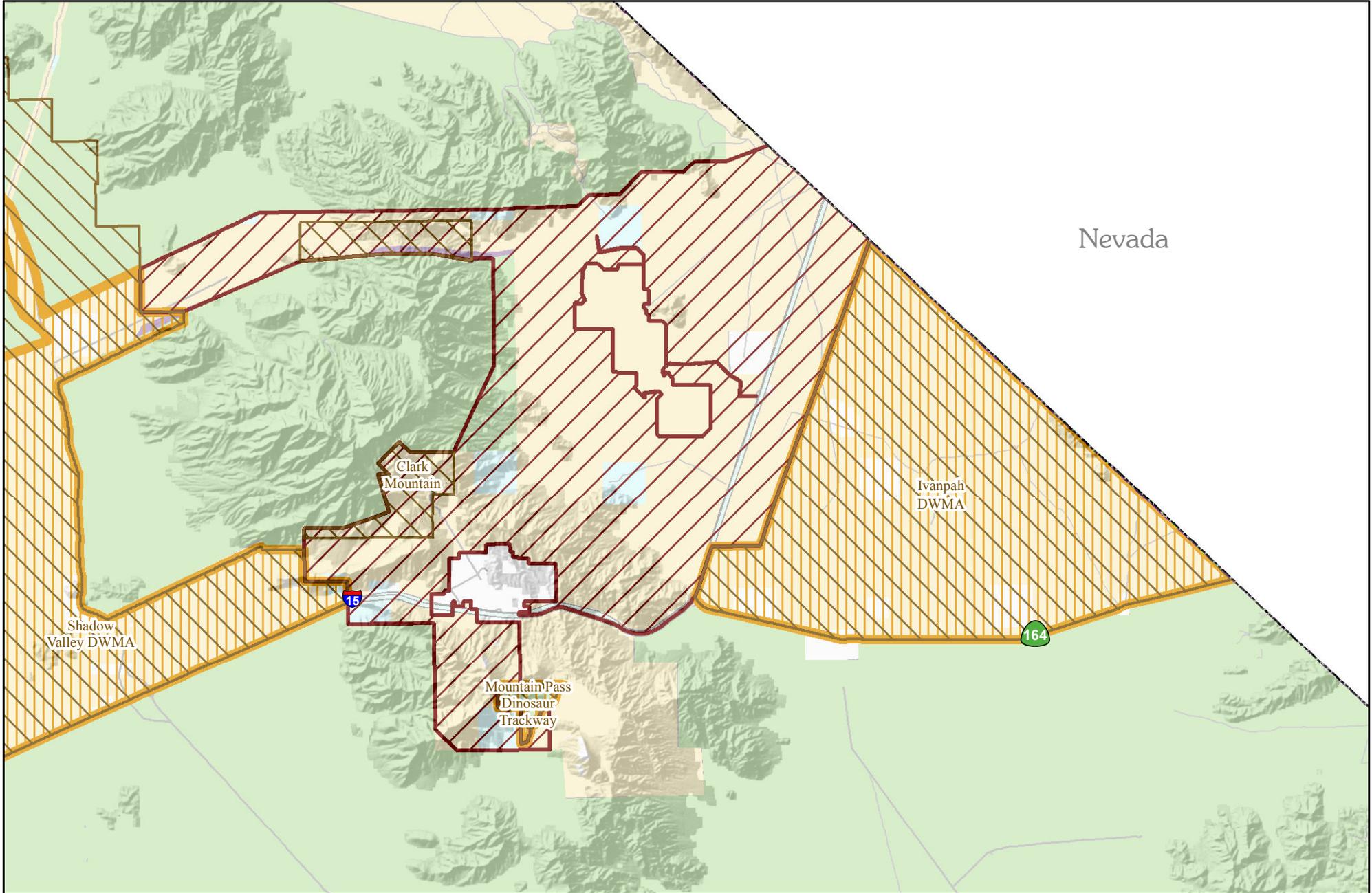
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Ivanpah



Alternative 3 ACECs

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ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

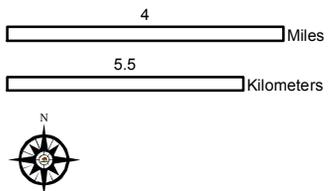
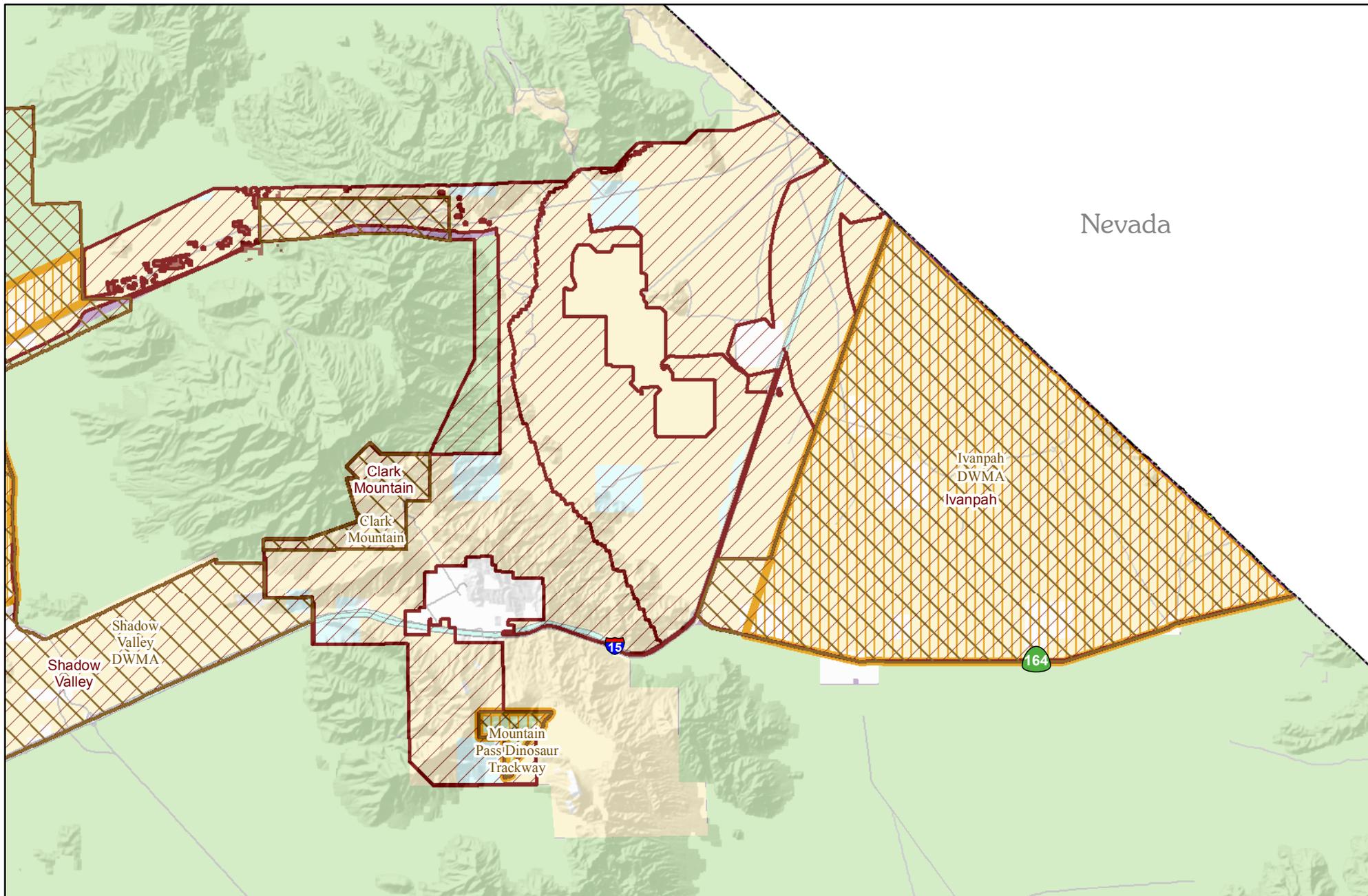
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



Ivanpah



Alternative 4 ACECs
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ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

Design Focus Areas

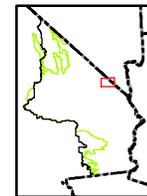
- Design Focus Areas
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

Land Status

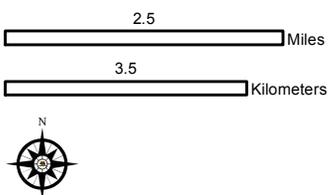
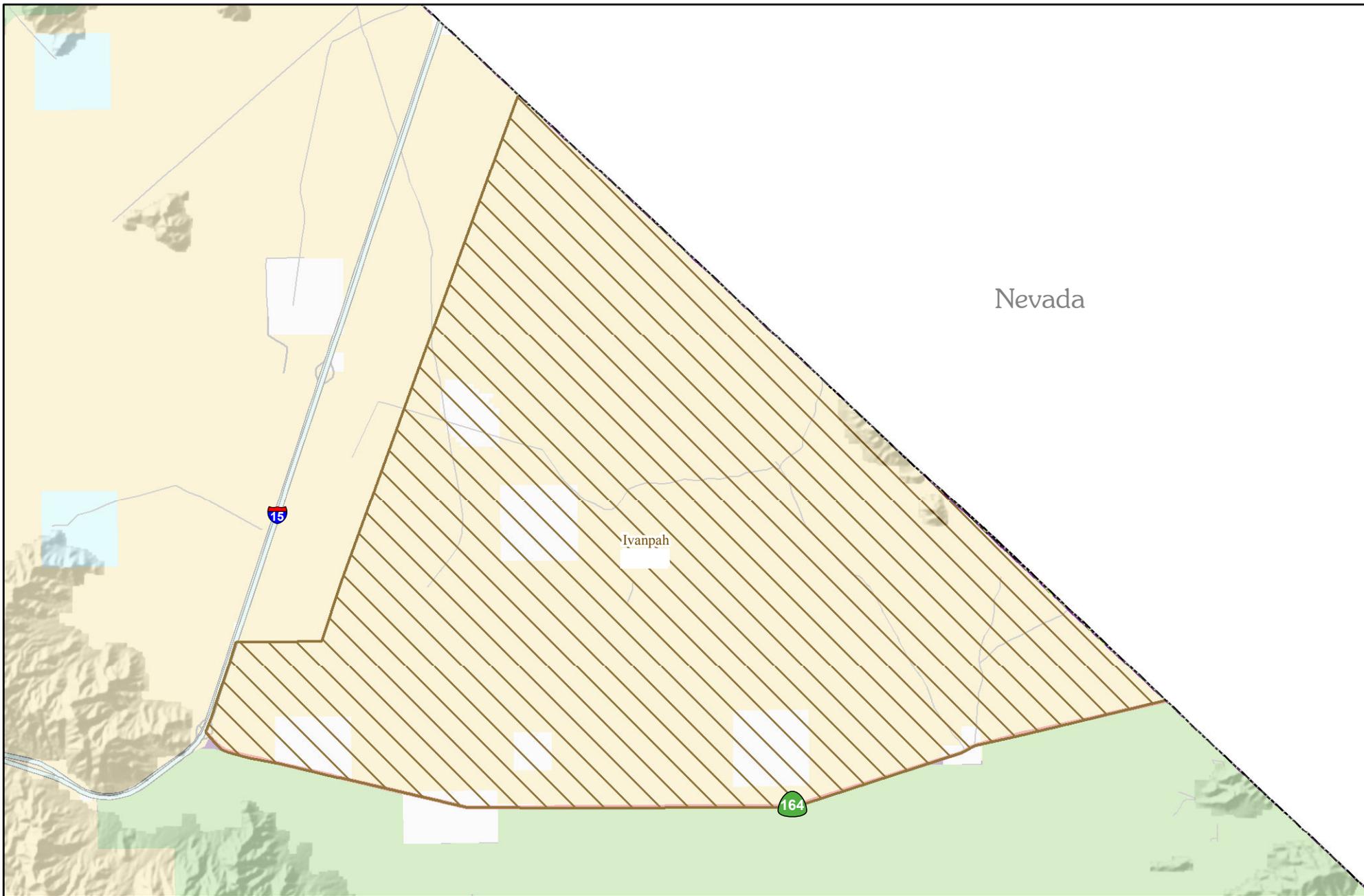
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



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No Action ACECs
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<p>ACEC Layers</p> <ul style="list-style-type: none"> Existing ACEC OHV Areas Legislatively and Legally Protected 	<p>Land Status</p> <ul style="list-style-type: none"> Bureau of Land Management State Other Federal Military Private 	<p>GTLF</p> <ul style="list-style-type: none"> Interstate US Hwy CA Hwy County Hwy
<ul style="list-style-type: none"> Cities CDCA Boundary DRECP Boundary BLM Field Office 	<p>GTLF</p> <ul style="list-style-type: none"> Interstate US Hwy CA Hwy County Hwy 	