

**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Proposed Series Compensation Station
- Alternative Series Compensation Stations (2 possible locations; ~75 feet apart)
- 4000-foot Study Corridor
- Substation
- Harquahala Power Plant
- Zone Division Line

- Existing DPV1 500kV Transmission Line\*
- Existing WAPA 161kV Transmission Line
- CAP Canal
- Area Plan Boundary
- County Planning Boundary
- City Planning Boundary
- BLM Field Office Boundary
- BLM Right-of-Way Corridors
- West-wide Energy Corridor 30-52
- Wilderness Area

- General Plan Land Use**
- BLM
  - Bureau of Reclamation
  - USFWS
  - Military
  - State Land
  - Agricultural
  - Open Space

- Open Water
- Industrial
- Commercial
- Mixed Use
- Transportation
- Public/Semi-Public
- Residential
- Rural Residential
- Yuma County Data Not Included

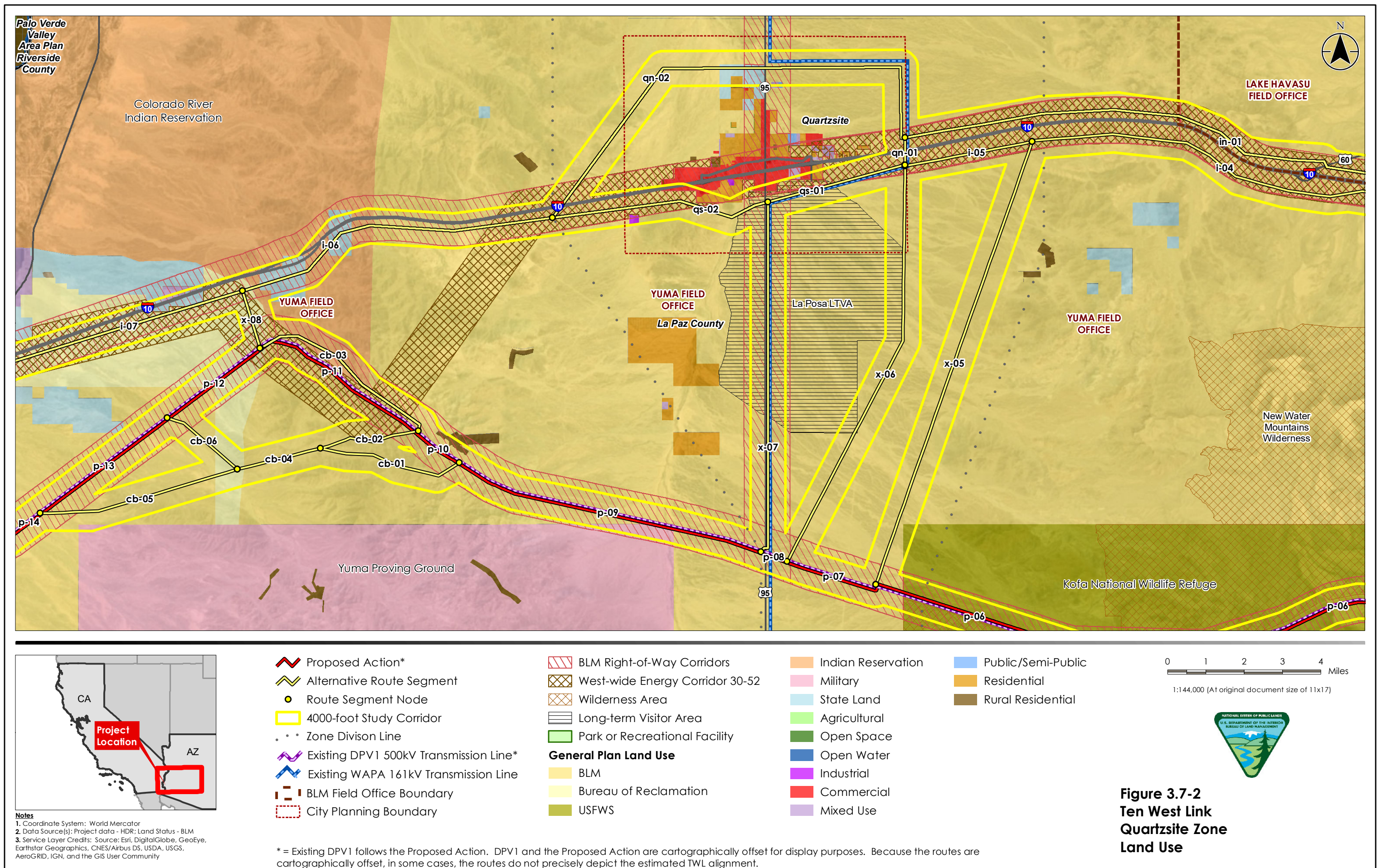
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**Figure 3.7-1  
 Ten West Link  
 East Plains and Kofa Zone  
 Land Use**

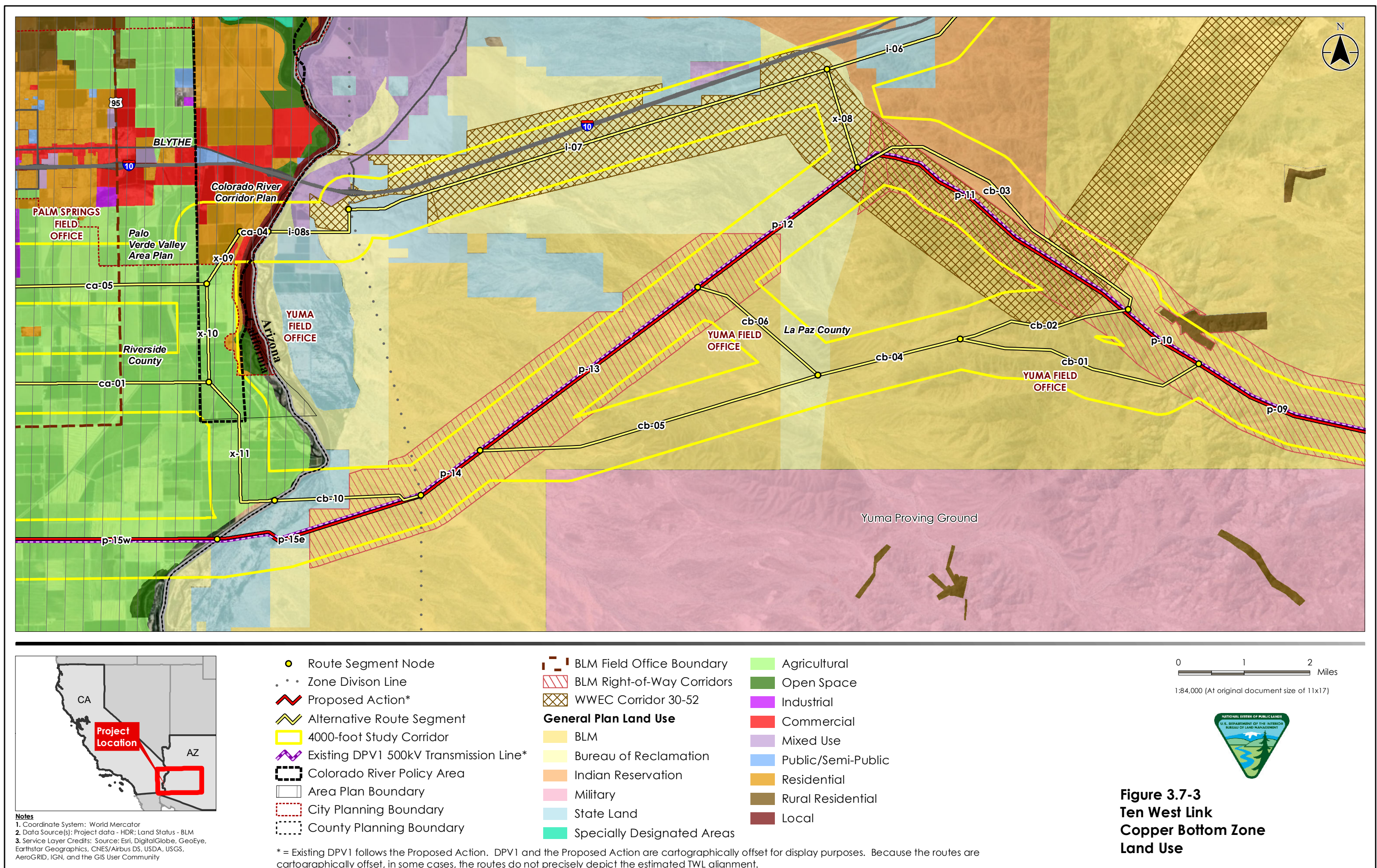
\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.



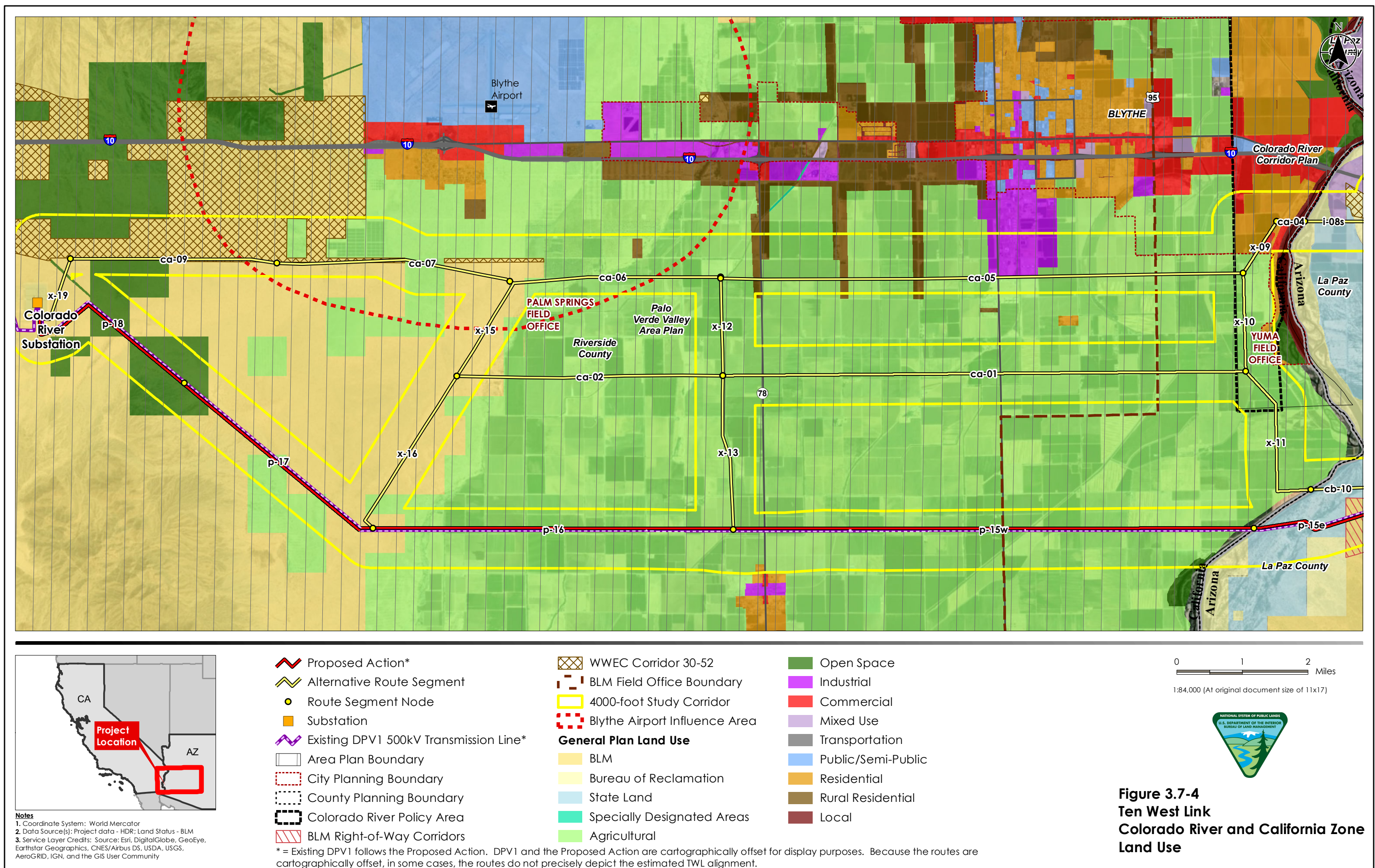


**Figure 3.7-2  
Ten West Link  
Quartzsite Zone  
Land Use**

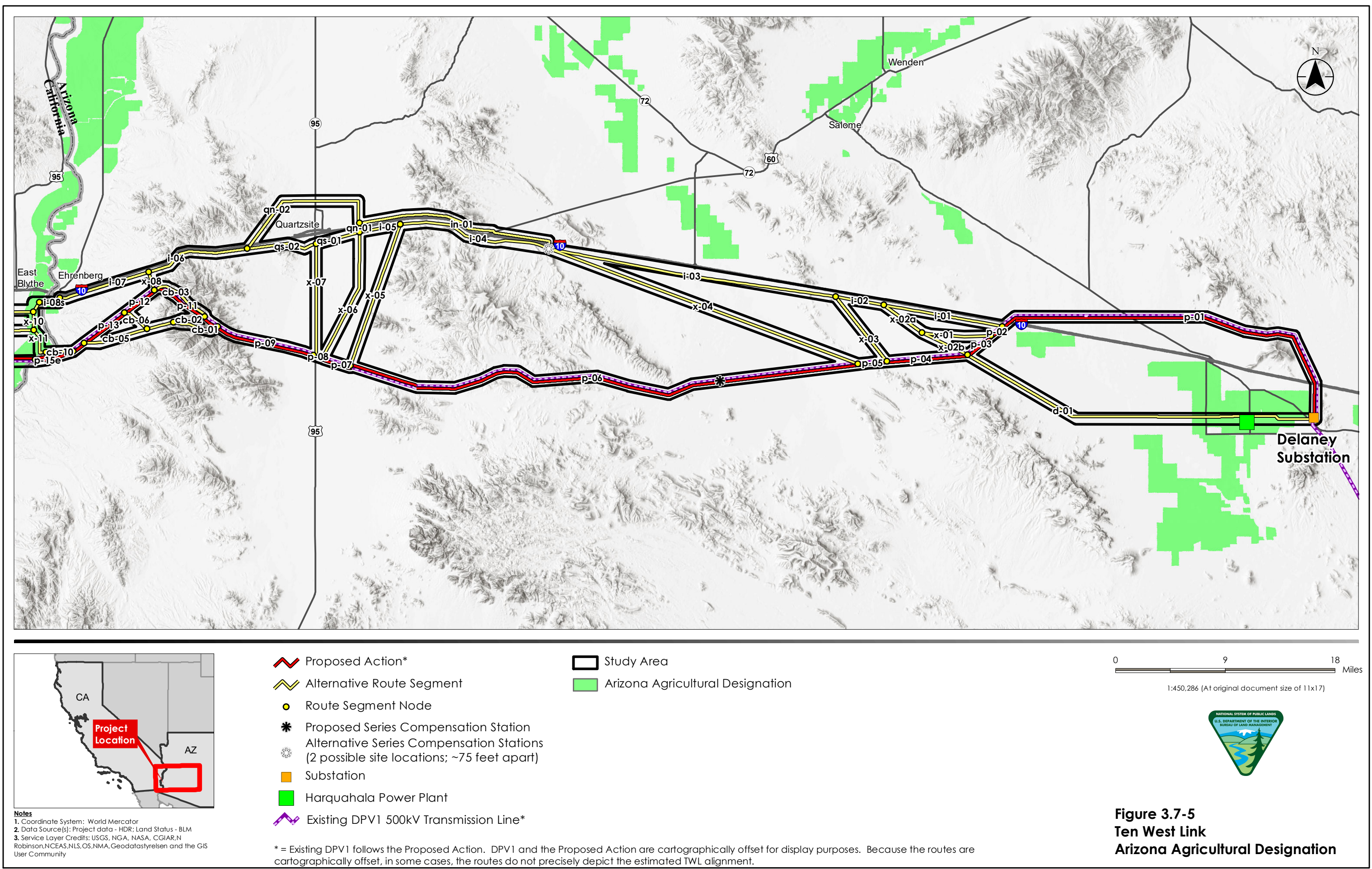




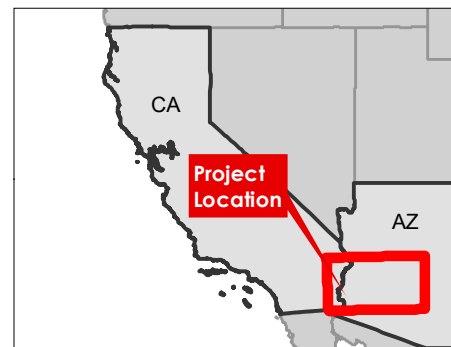
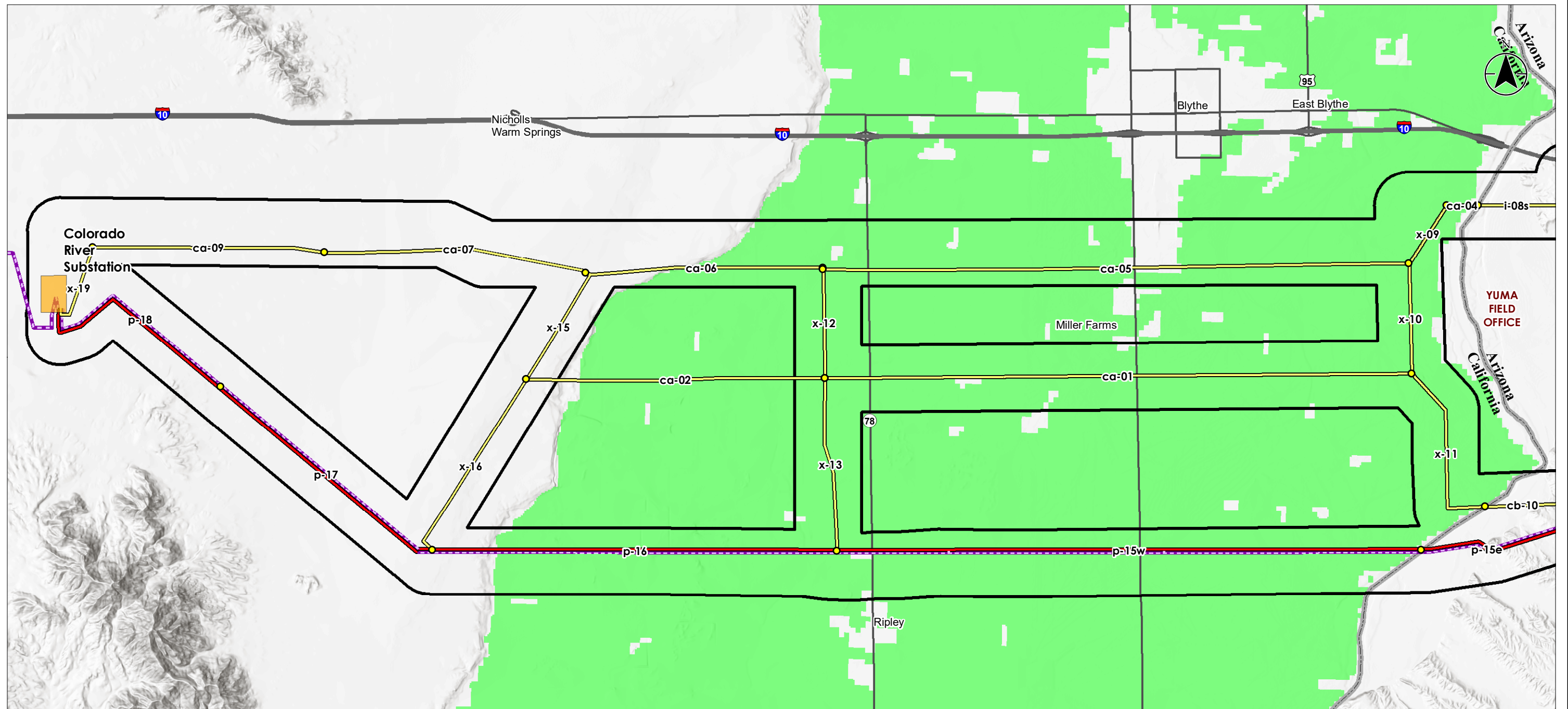












- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Substation
- Existing DPV1 500kV Transmission Line\*

- Study Area
- Agriculture

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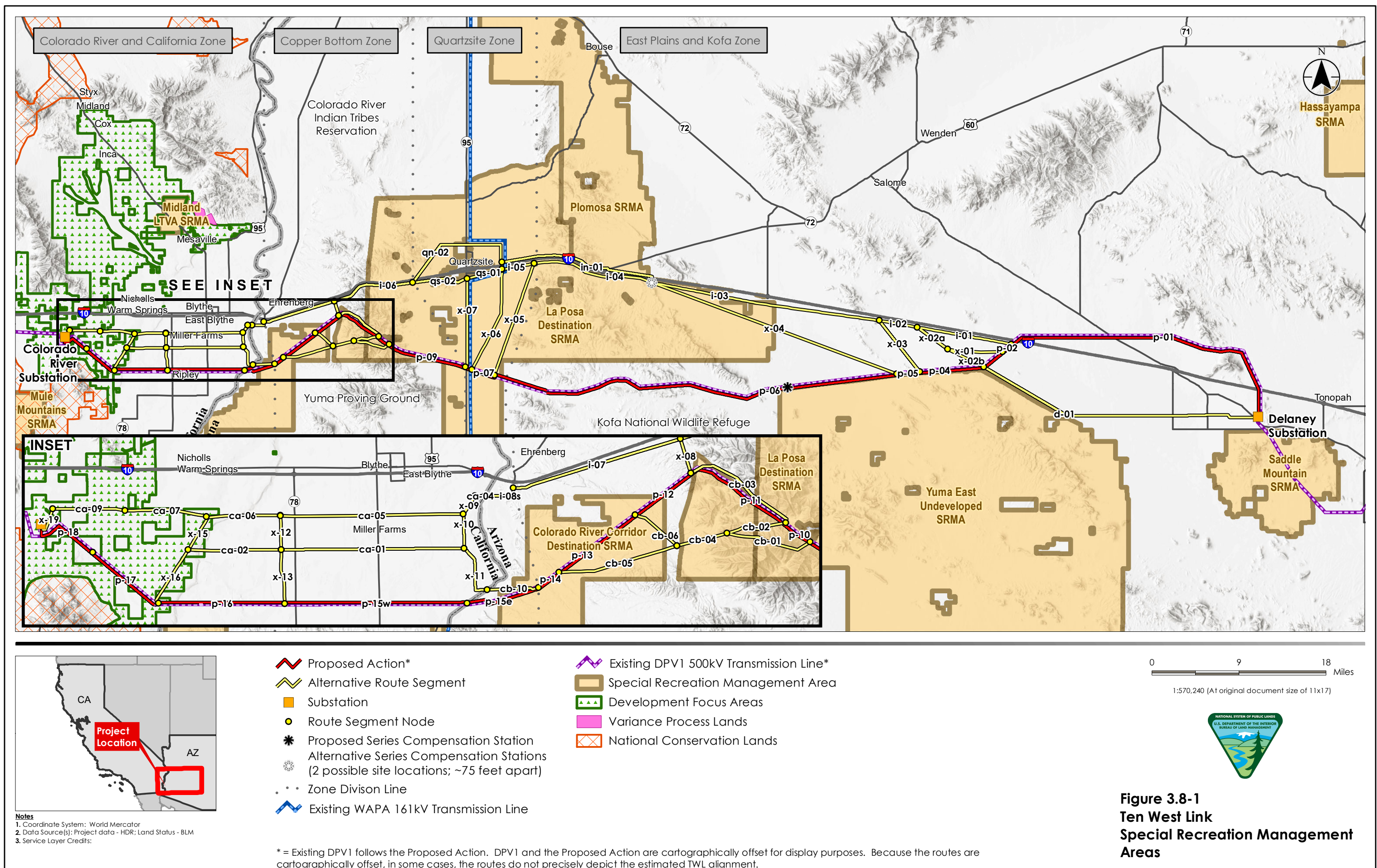


**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatosyrelsen and the GIS User Community

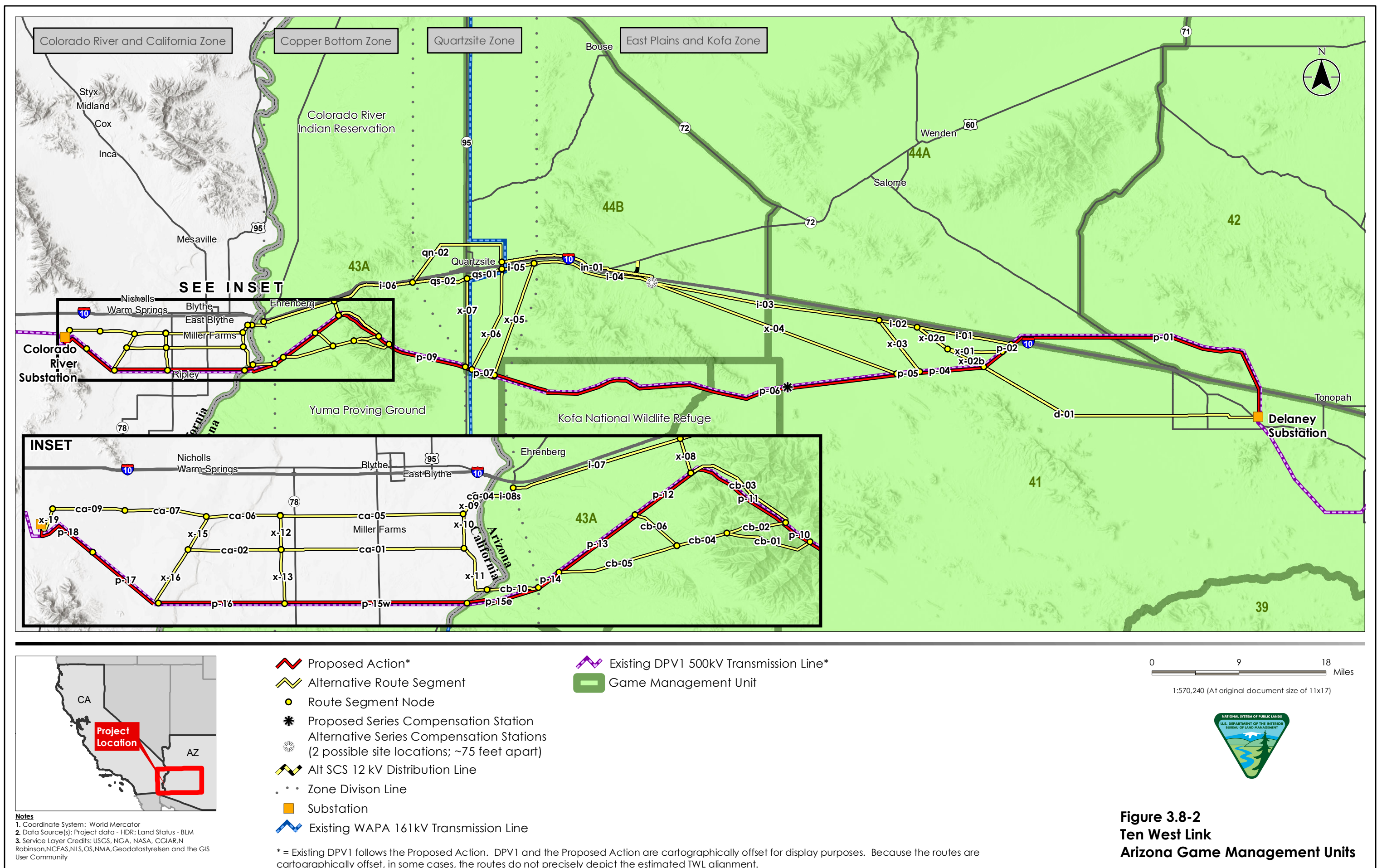
\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

**Figure 3.7-6  
 Ten West Link  
 California Agricultural Designation**



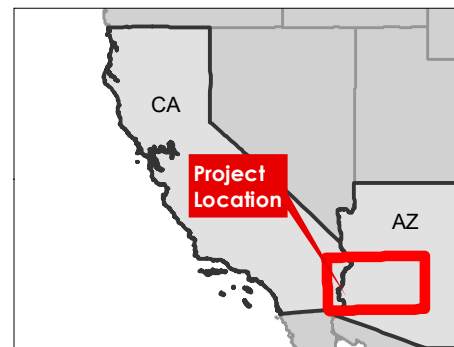
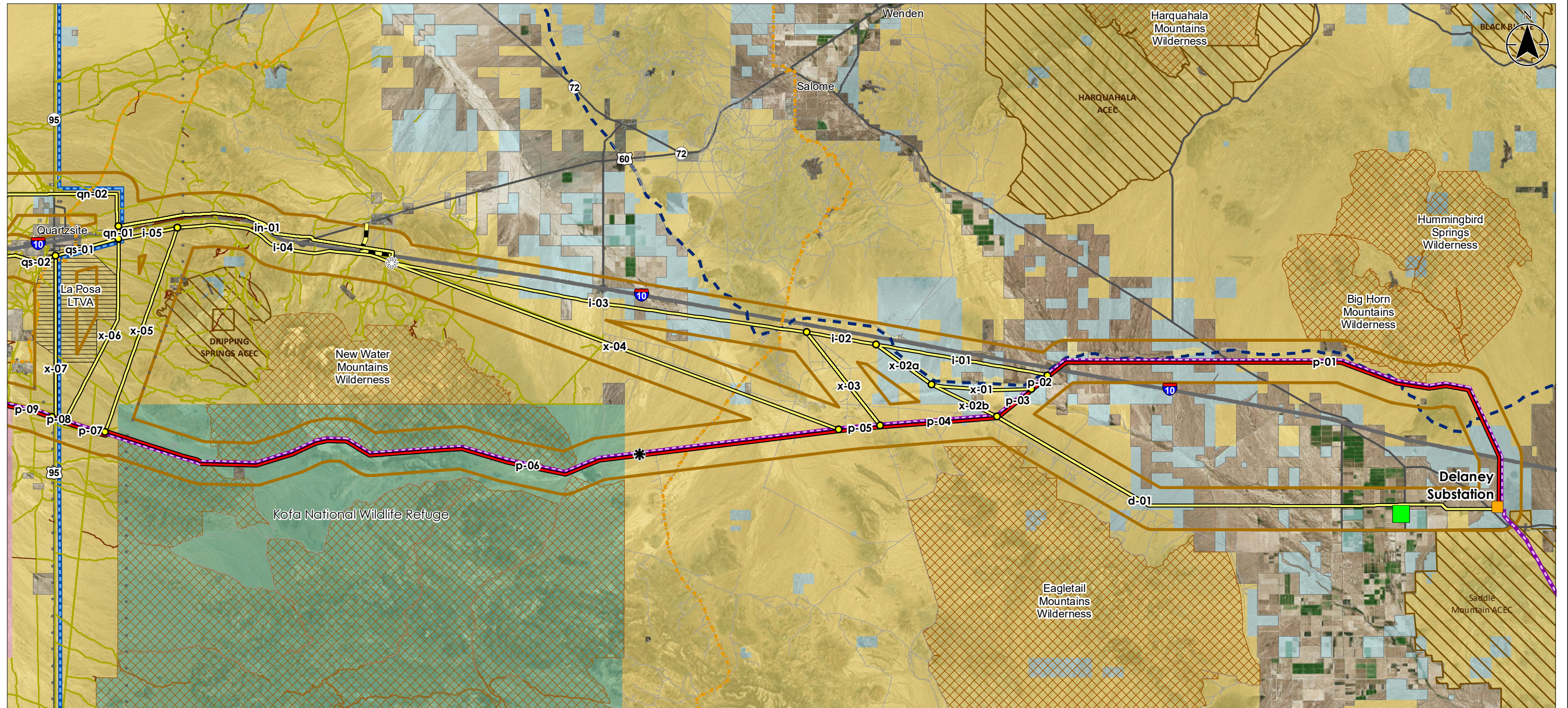






**Figure 3.8-2**  
**Ten West Link**  
**Arizona Game Management Units**





**Notes**  
 1. Coordinate System: World Mercator  
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 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Proposed Series Compensation Station
- Alternative Series Compensation Stations (2 possible site locations; ~75 feet apart)
- Alt SCS 12 kV Distribution Line
- Zone Division Line
- Substation
- Harquahala Power Plant
- Existing DPV1 500kV Transmission Line\*

- Existing WAPA 161kV Transmission Line
- Proposed Arizona Peace Trail
- CAP Canal
- Two-mile study corridor
- Area of Critical Environmental Concern
- Wilderness Area
- Long-term Visitor Area
- Park or Recreational Area
- BLM Trail Designation**
- Closed
- Limited Use

- Open
- Undesignated; Unknown
- Land Status**
- Bureau of Land Management
- Bureau of Reclamation
- Local or State Parks
- Military
- State
- USFWS
- Private

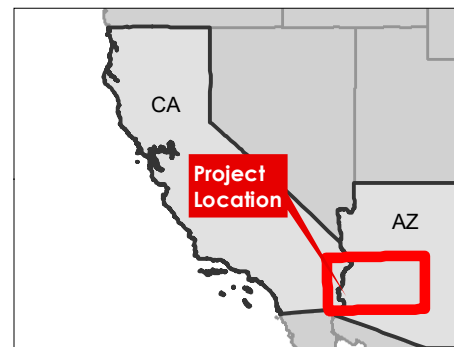
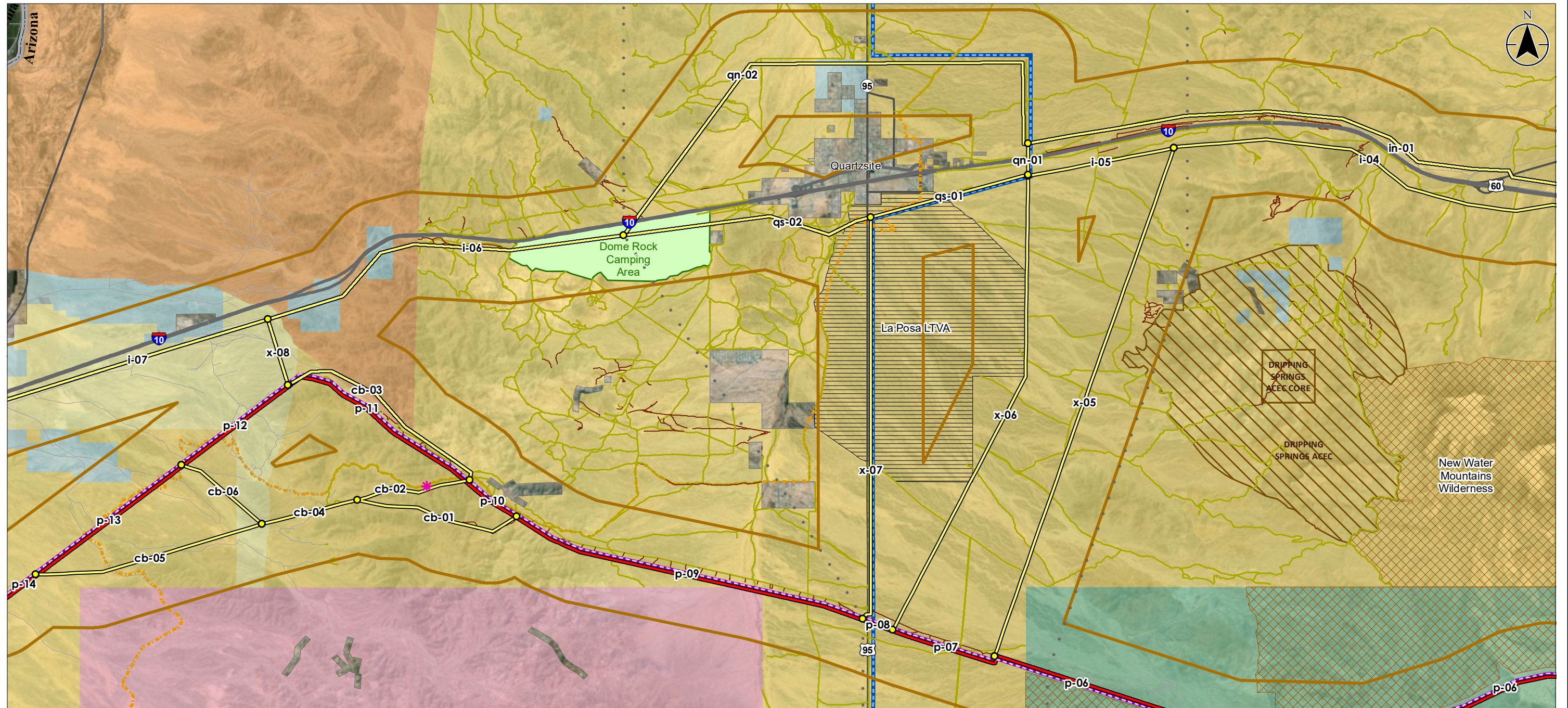
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**Figure 3.8-3  
 Ten West Link  
 Recreation Detail:  
 East Plains and Kofa Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.





**Notes**  
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 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Johnson Canyon
- Zone Division Line
- Existing DPV1 500kV Transmission Line\*
- Existing WAPA 161kV Transmission Line
- Proposed Arizona Peace Trail
- Wilderness Area
- Area of Critical Environmental Concern

- Long-term Visitor Area
- Park or Recreational Area
- Two-mile study corridor
- BLM Trail Designation**
- Closed
- Limited Use
- Open
- Undesignated; Unknown
- Land Status**
- Bureau of Land Management

- Bureau of Reclamation
- Local or State Parks
- Colorado River Indian Tribe Lands
- Military
- State
- USFWS
- Private

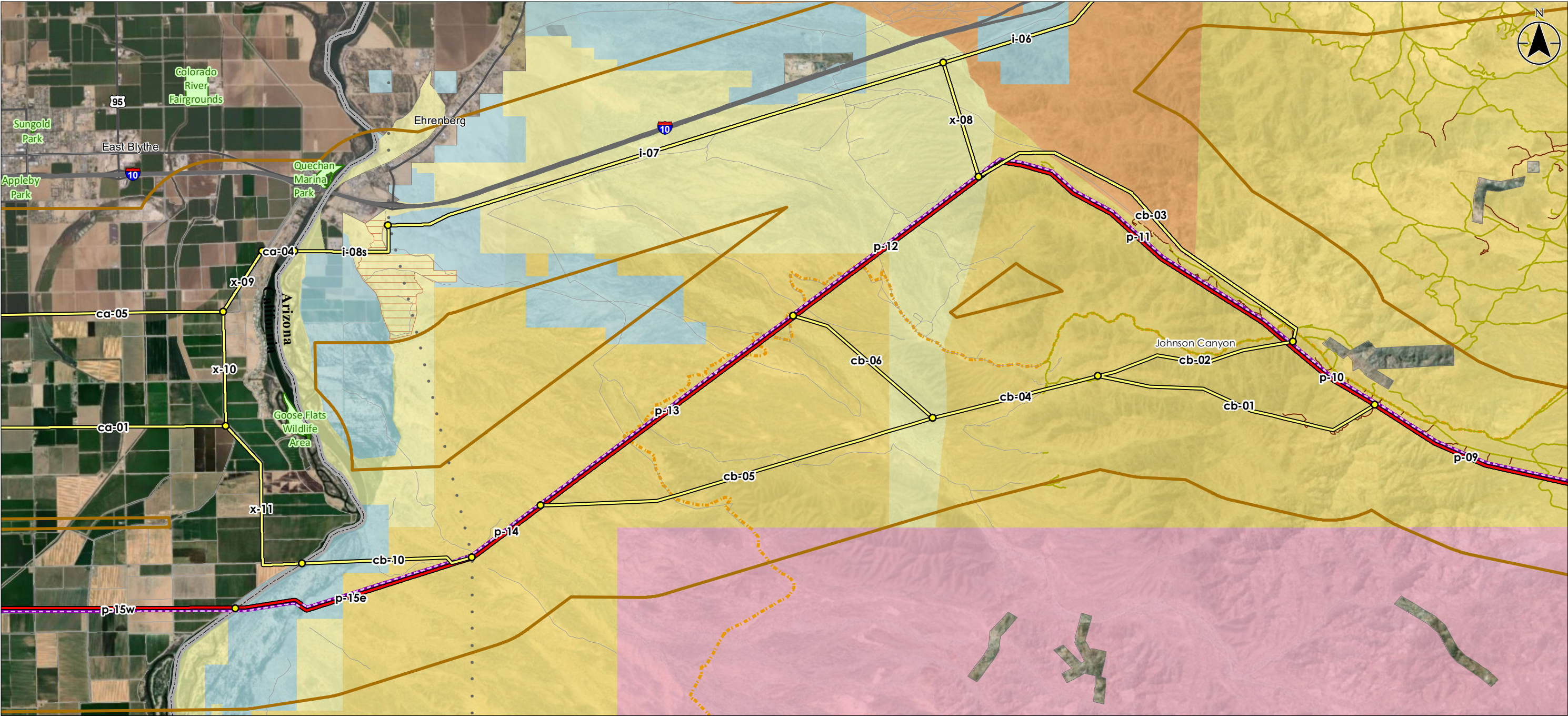
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**Figure 3.8-4  
 Ten West Link  
 Recreation Detail:  
 Quartzsite Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.





**Notes**  
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3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Existing DPV1 500kV Transmission Line\*
- Zone Division Line
- Proposed Arizona Peace Trail

- Ehrenberg Sandbowl OHV Area
- Park or Recreational Area
- Two-mile study corridor
- BLM Trail Designation**
- Closed
- Limited Use
- Open
- Undesignated; Unknown

- Land Status**
- Bureau of Land Management
- Bureau of Reclamation
- Local or State Parks
- Colorado River Indian Tribe Lands
- Military
- State
- Private

0 1 2 Miles  
1:84,000 (At original document size of 11x17)



**Figure 3.8-5  
Ten West Link  
Recreation Detail:  
Copper Bottom Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.





**Notes**  
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 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Substation
- Existing DPV1 500kV Transmission Line\*
- Area of Critical Environmental Concern

- Park or Recreational Area
  - Two-mile study corridor
- BLM Trail Designation**
- Closed
  - Limited Use
  - Open
  - Undesignated; Unknown

- Land Status**
- Bureau of Land Management
  - Bureau of Reclamation
  - State
  - Private

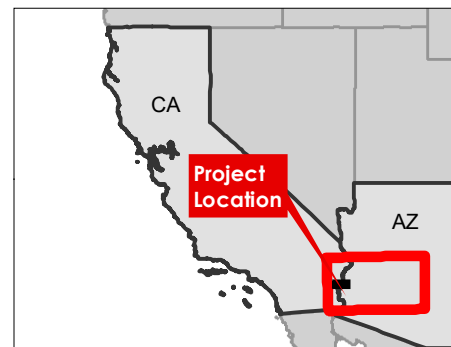
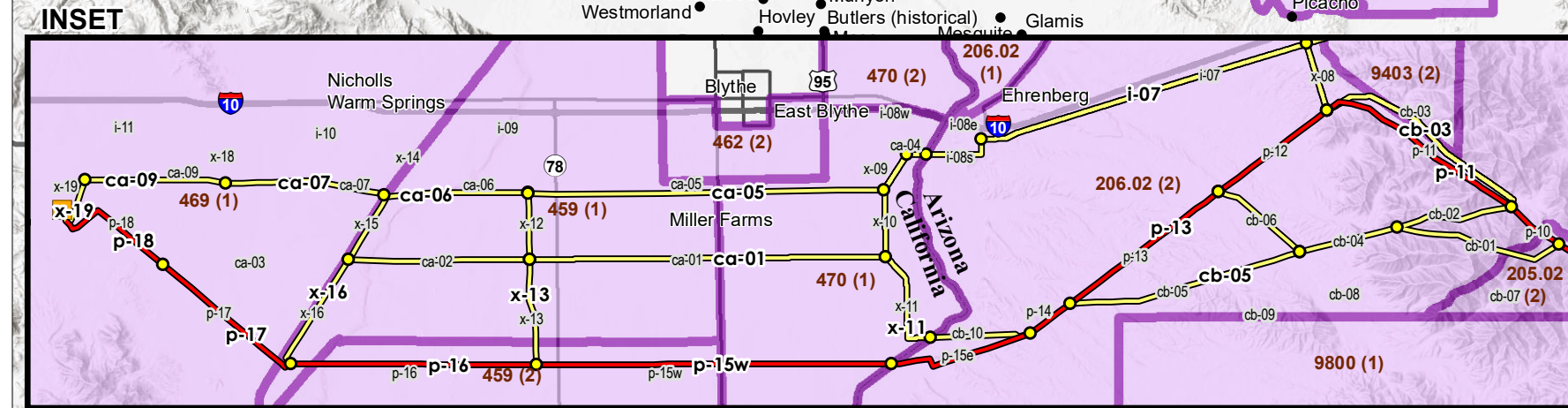
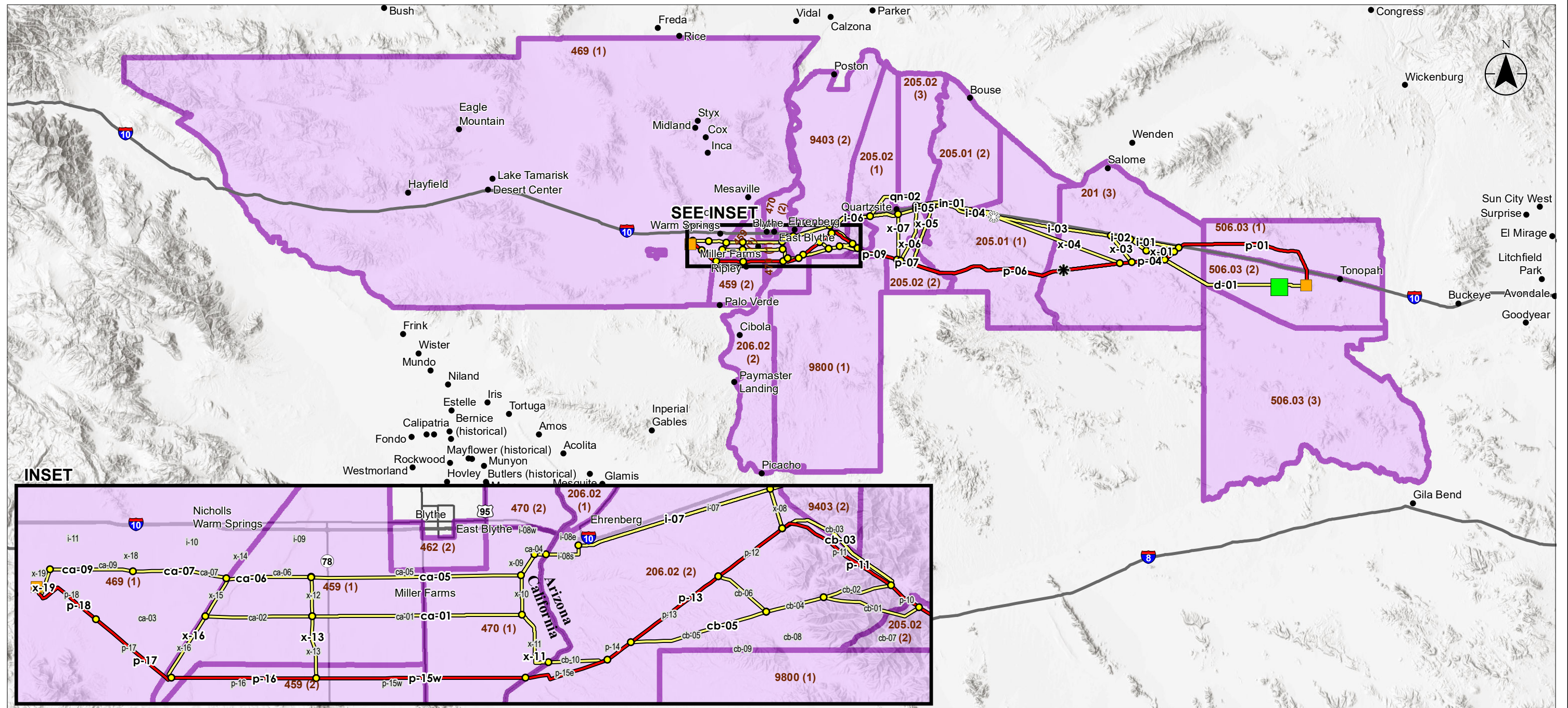
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**Figure 3.8-6  
 Ten West Link  
 Recreation Detail:  
 Colorado River and California Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.





**Notes**  
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 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatosyls and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Proposed Series Compensation Station
- Alternative Series Compensation Stations (2 possible site locations; ~75' feet apart)
- Substation
- Harquahala Power Plant
- Census Block Group

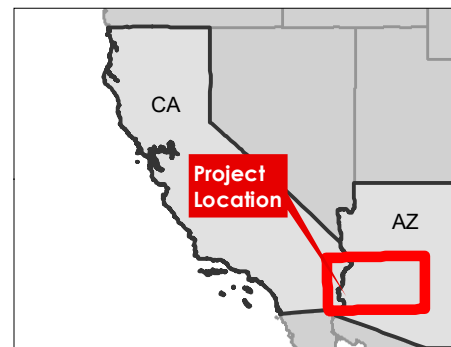
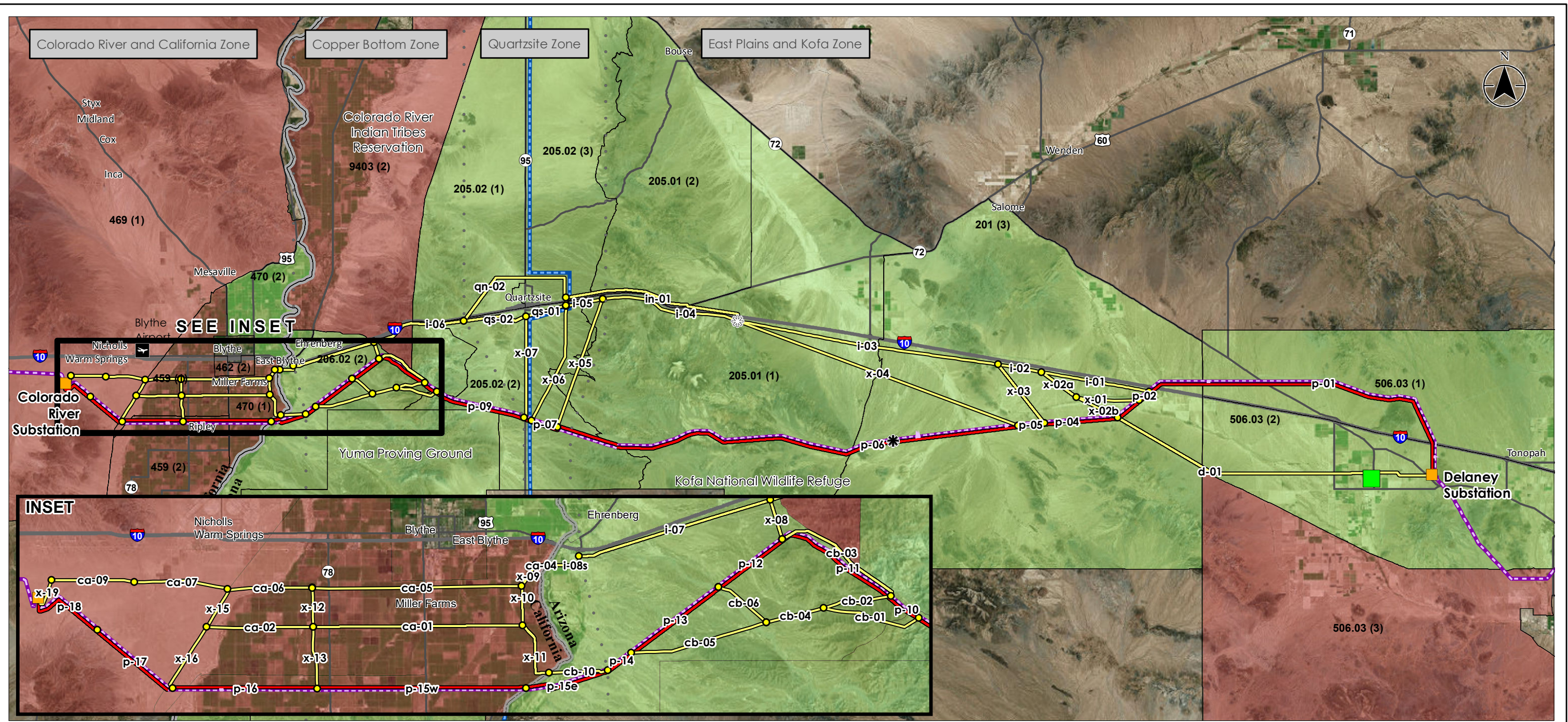
\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

0 9 18 Miles  
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**Figure 3.9-1  
 Ten West Link  
 Census Block Groups**





**Notes**

1. Coordinate System: World Mercator
2. Data Source(s): Project data - HDR; Land Status - BLM
3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

-  Proposed Action\*
-  Alternative Route Segment
-  Substation
-  Proposed Series Compensation Station
-  Alternative Series Compensation Stations  
(2 possible locations; ~75 feet apart)
-  Existing DPV1 500kV Transmission Line\*
-  Existing WAPA 161kV Transmission Line
-  Harquahala Power Plant
-  Zone Division Line

**Minority Populations\***

0 - 46.8%
46.9% - 98.0%

\* Minority population in the EJ comparison area is 46.8%.

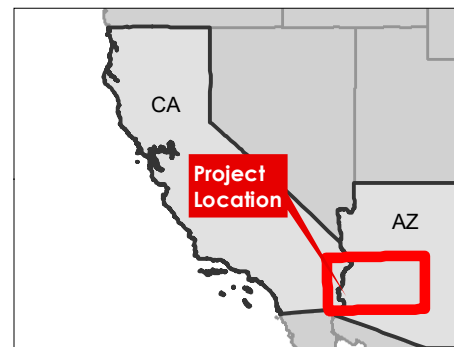
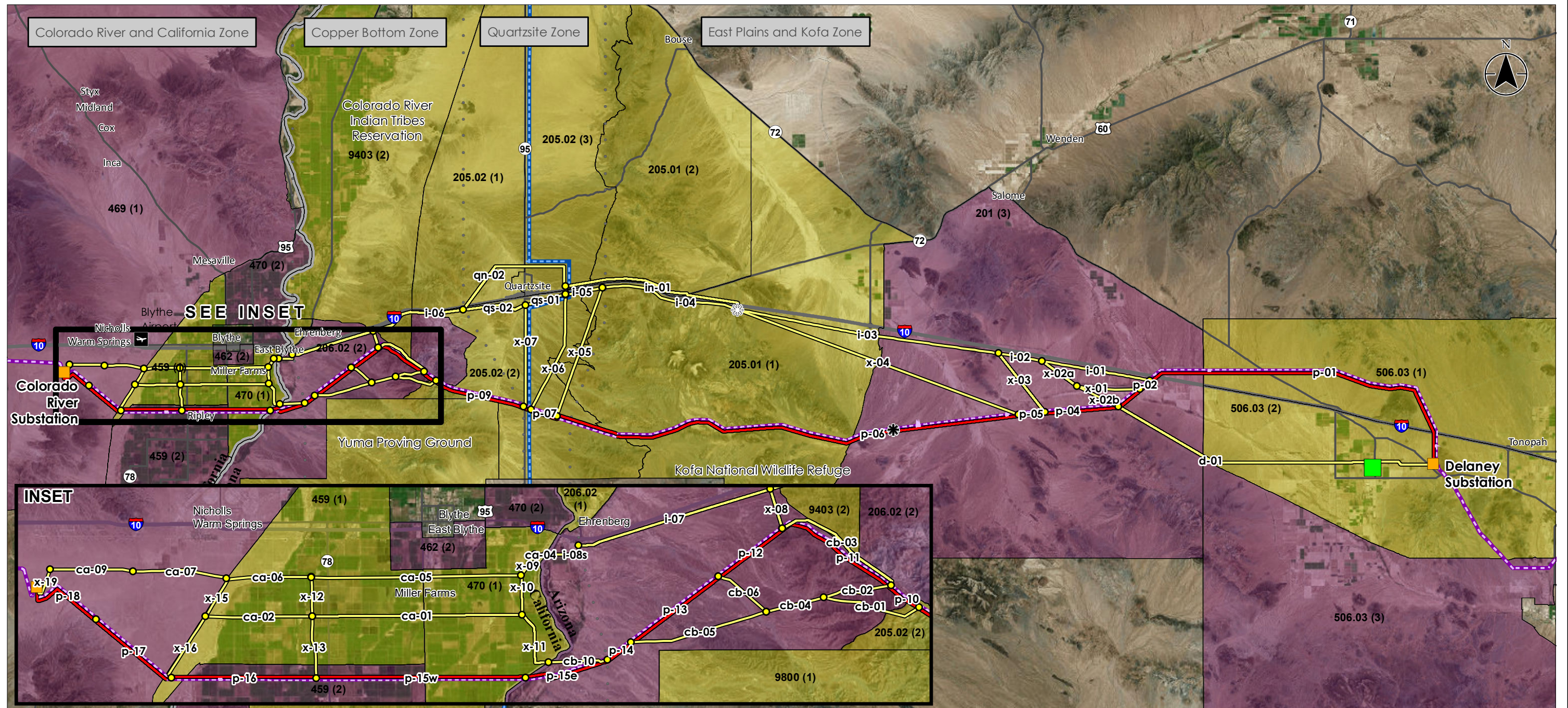
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**Figure 3.10-1  
Ten West Link  
Minority Populations**





**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Substation
- ✱ Proposed Series Compensation Station
- ✱ Alternative Series Compensation Stations (2 possible locations; ~75 feet apart)
- Existing WAPA 161kV Transmission Line
- Existing DPV1 500kV Transmission Line\*
- Harquahala Power Plant
- • • Zone Division Line

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

#### Low-income Populations\*

- 0 - 17.0%
- 17.1 - 39.6%

\* Low income population in the EJ comparison area is 17.0%.

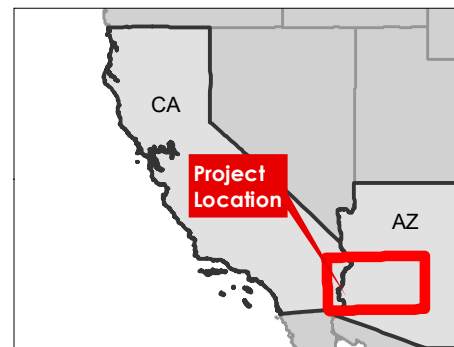
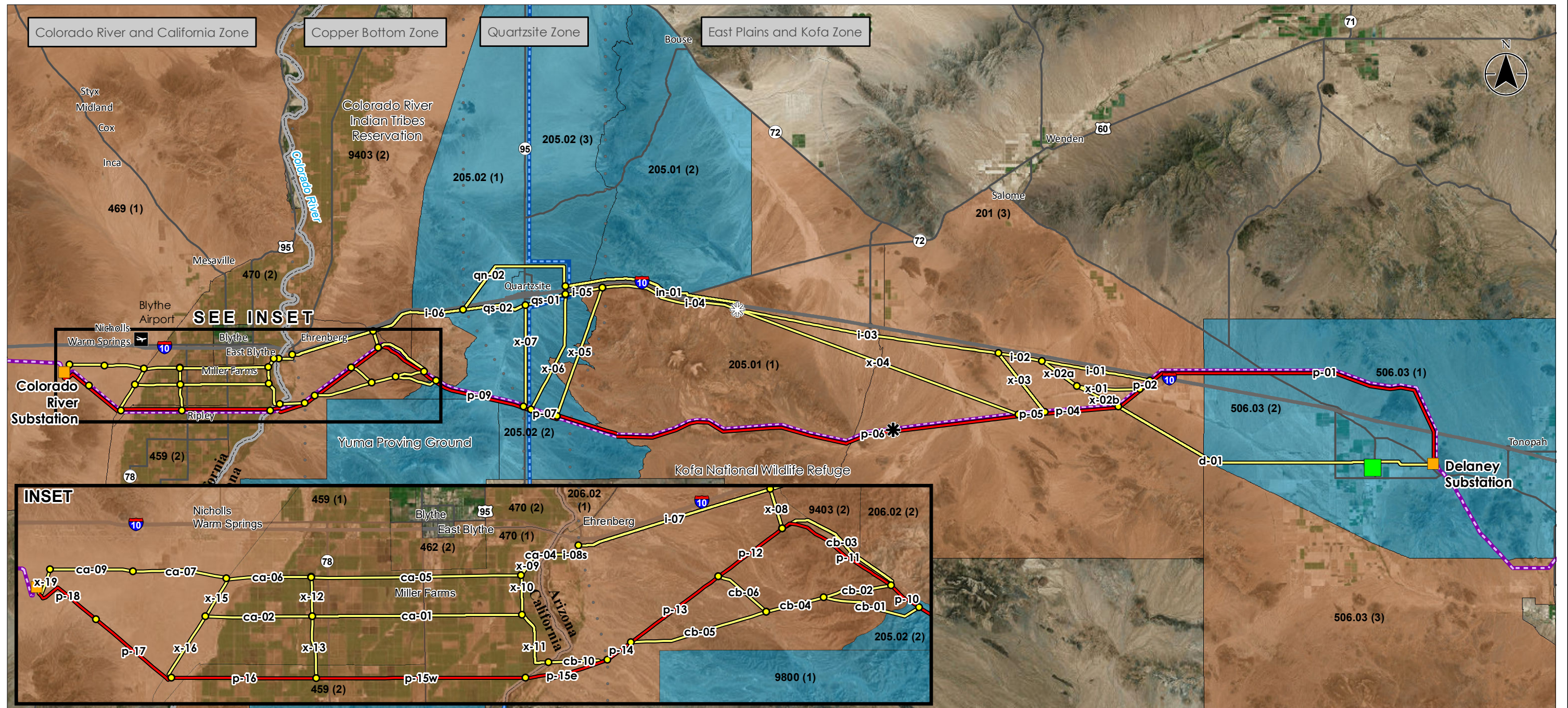
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**Figure 3.10-2**  
**Ten West Link**  
**Low-Income Populations**





**Notes**  
 1. Coordinate System: World Mercator  
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 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Substation
- Harquahala Power Plant
- ✱ Proposed Series Compensation Station
- ✱ Alternative Series Compensation Stations (2 possible locations; ~75 feet apart)
- ... Zone Division Line
- Existing DPV1 500kV Transmission Line\*
- Existing WAPA 161kV Transmission Line
- Potential EJ Population Block Group
- Potential Non-EJ Population Block Group

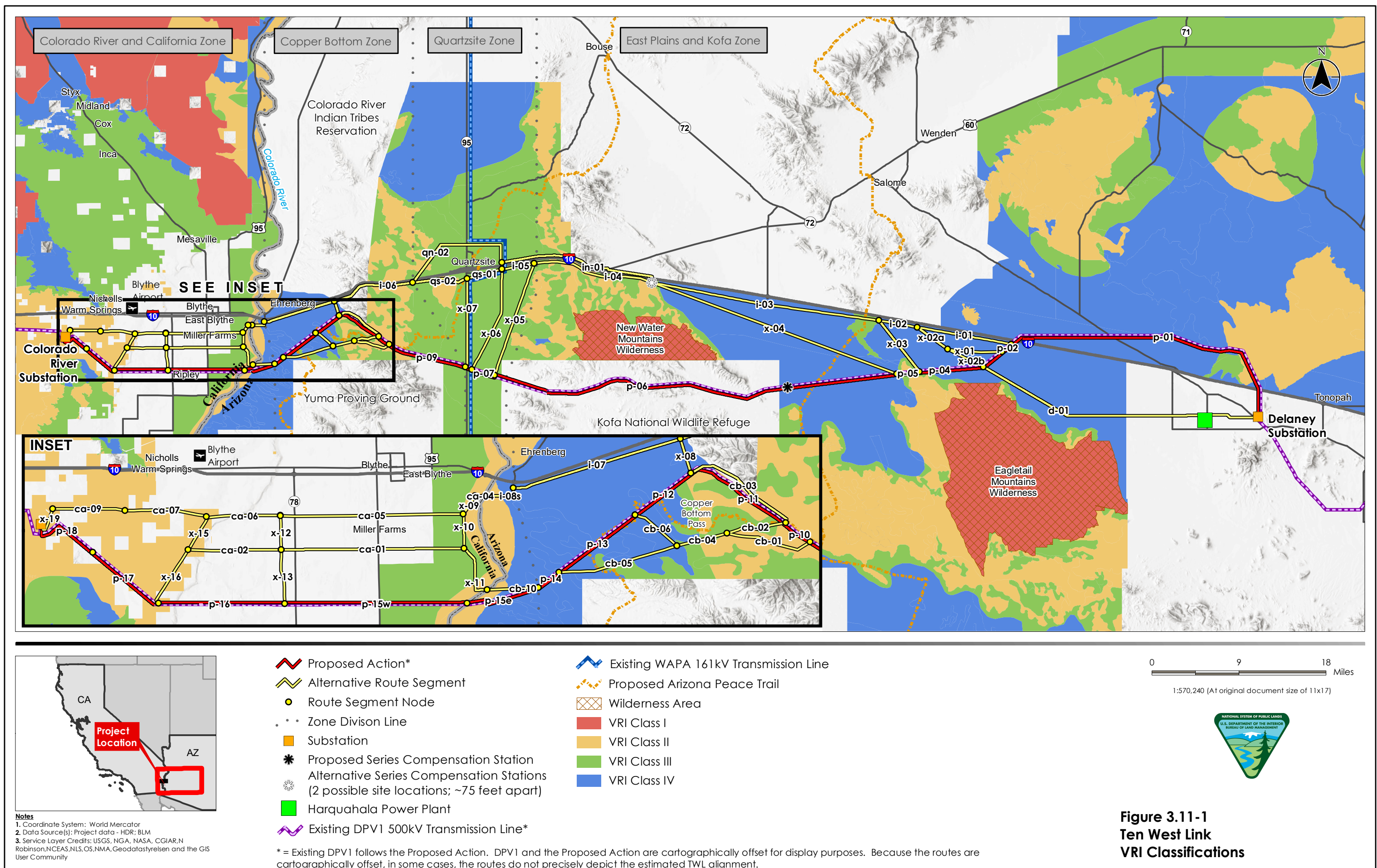
\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

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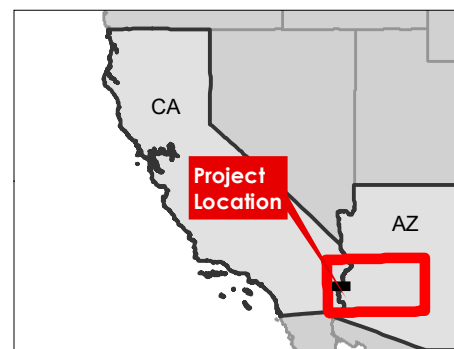
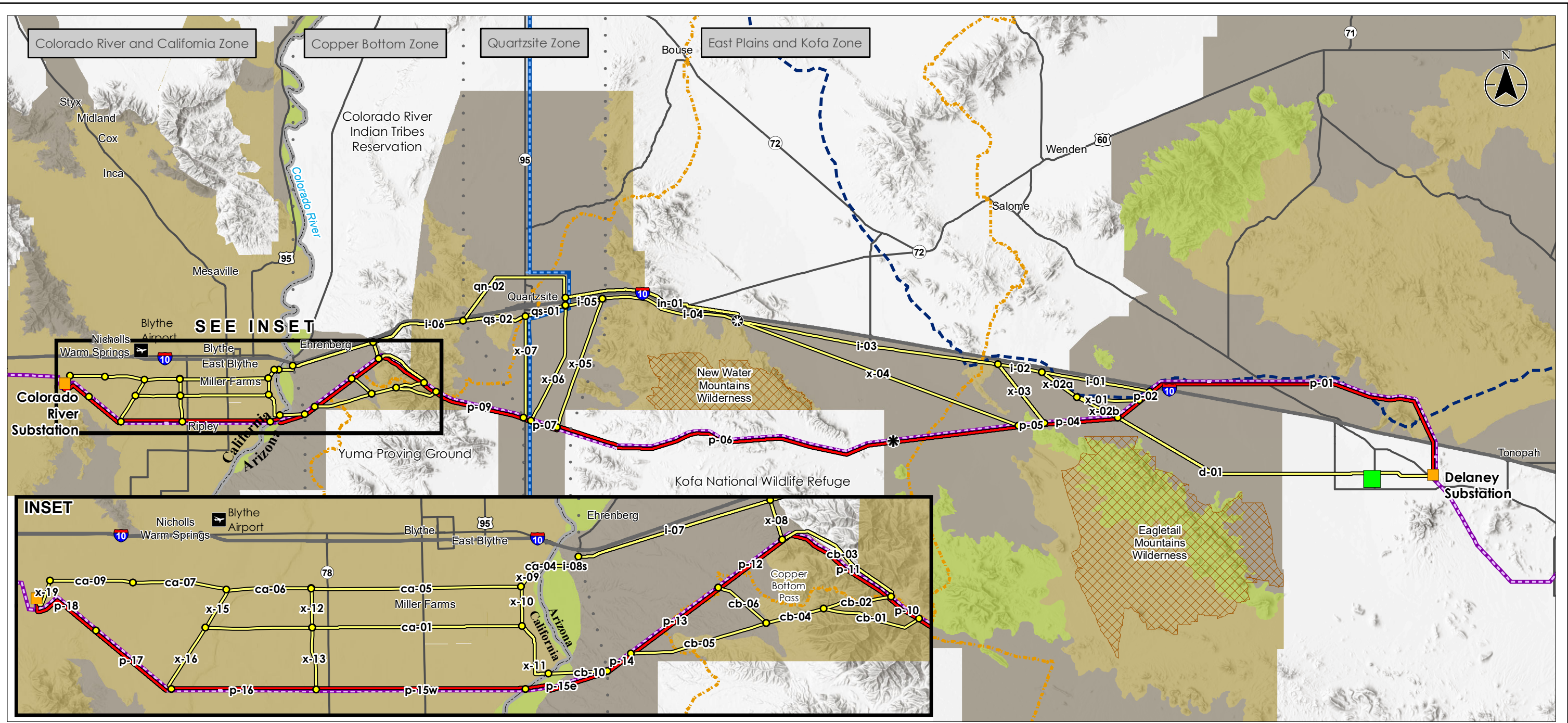


**Figure 3.10-3  
 Ten West Link  
 Potential Environmental Justice  
 Block Groups**









**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatosyls and the GIS User Community

- |  |                                       |
|--|---------------------------------------|
| Proposed Action*   | Existing WAPA 161kV Transmission Line |
| Alternative Route Segment  | Proposed Arizona Peace Trail          |
| Route Segment Node   | CAP Canal                             |
| Zone Division Line   | Wilderness Area                       |
| Proposed Series Compensation Station   | Scenic Quality - A                    |
| Alternative Series Compensation Stations (2 possible site locations; ~75 feet apart) | Scenic Quality - B                    |
| Substation   | Scenic Quality - C                    |
| Harquahala Power Plant   |                                       |
| Existing DPV1 500kV Transmission Line*   |                                       |

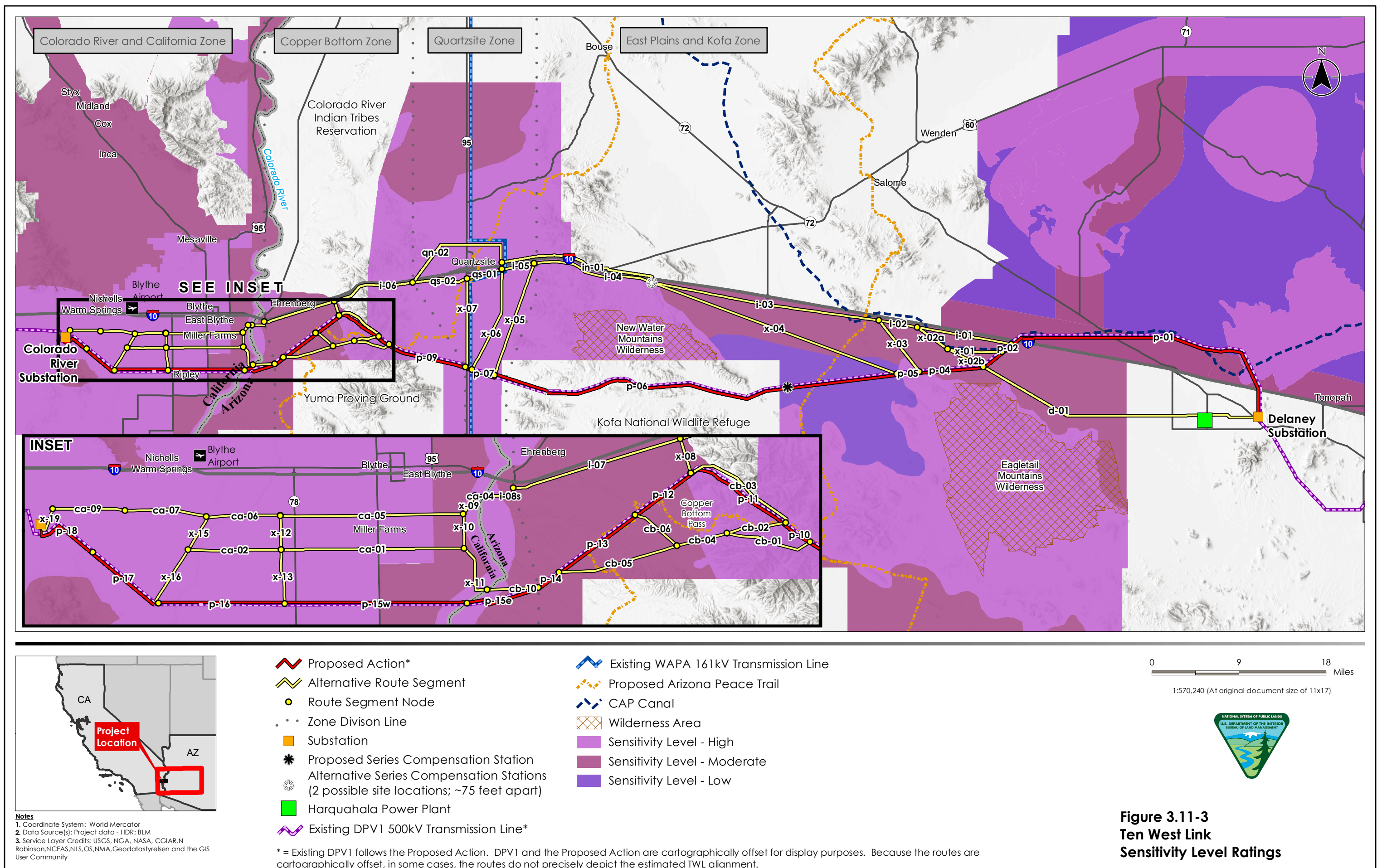
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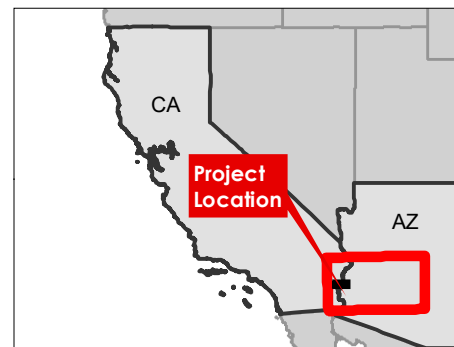
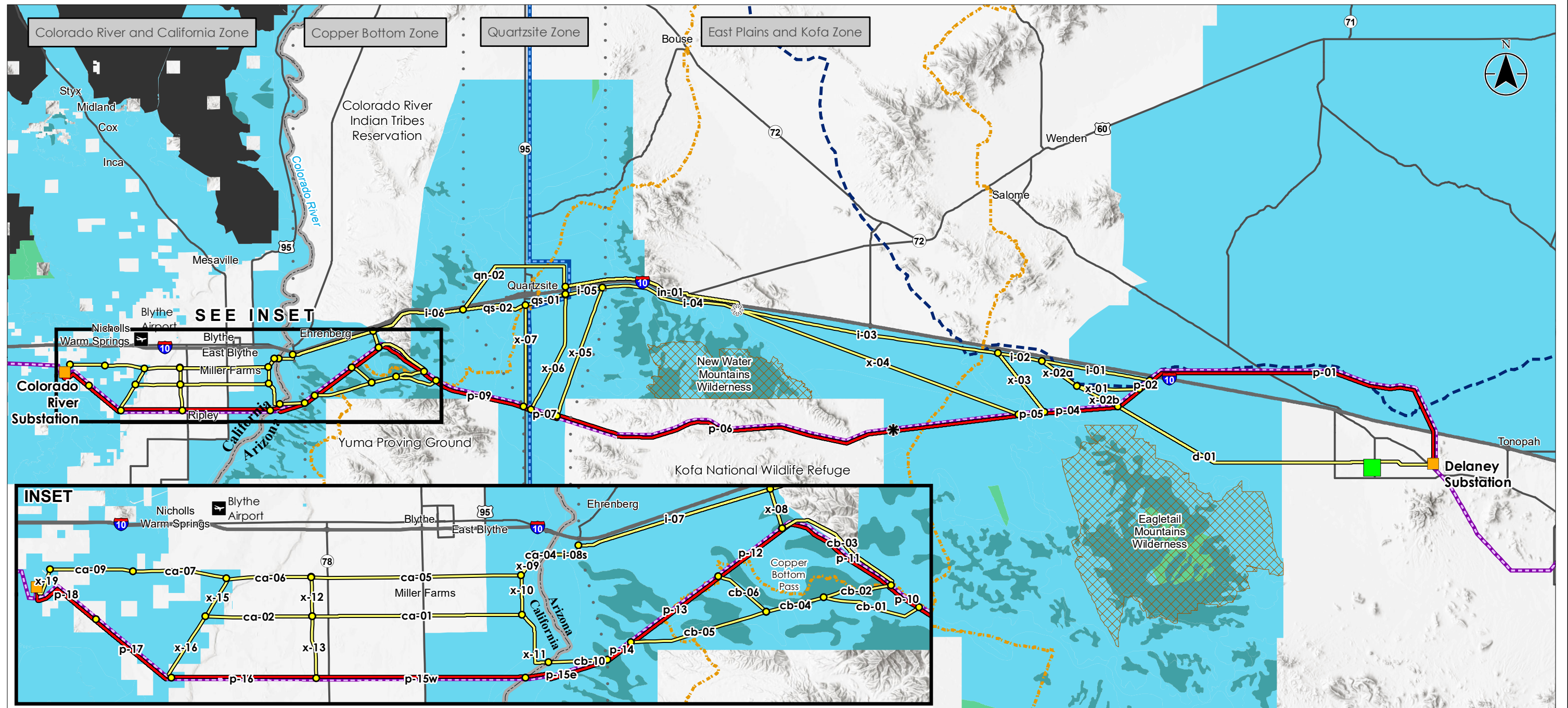


**Figure 3.11-2  
 Ten West Link  
 Scenic Quality Classification**









**Notes**  
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- Proposed Action\*
- Alternative Route Segment
- Route Segment Node
- Zone Division Line
- ✱ Proposed Series Compensation Station
- ✱ Alternative Series Compensation Stations (2 possible site locations; ~75 feet apart)
- Substation
- Existing DPV1 500kV Transmission Line\*
- Existing WAPA 161kV Transmission Line
- Harquahala Power Plant
- Proposed Arizona Peace Trail
- CAP Canal
- ▨ Wilderness Area
- Foreground-Midground. Visibility generally up to 5 miles.
- Background. Visibility generally from 5 to 15 miles.
- Seldom Seen. Hidden from view, or not in foreground/midground or background visibility zones
- Not Inventoried

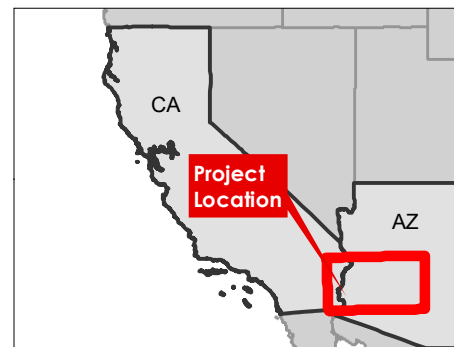
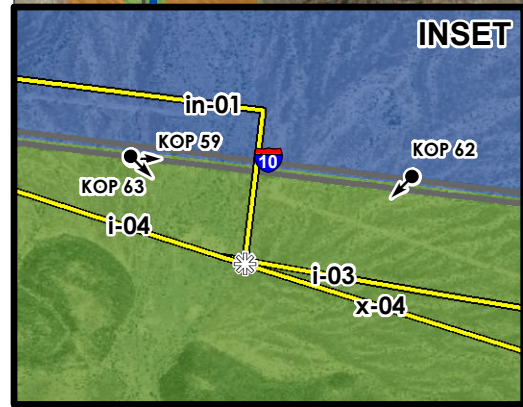
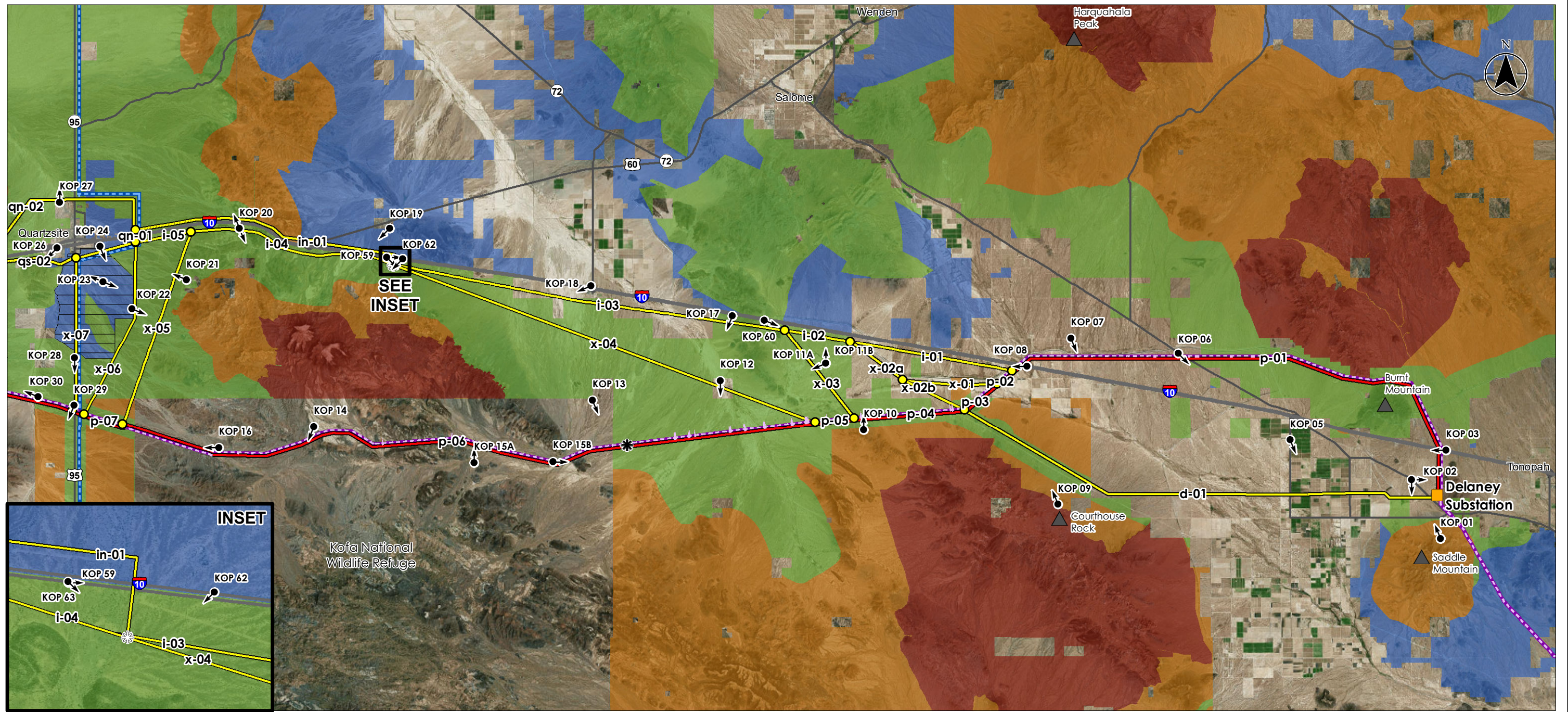
\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

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**Figure 3.11-4  
 Ten West Link  
 Distance Zones**





**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Key Observation Point (KOP)
- Substation
- Proposed Series Compensation Station
- Alternative Series Compensation Stations (2 possible site locations; ~75 feet apart)
- Route Segment Node
- Proposed Action\*
- Alternative Route

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.

- Existing DPV1 Transmission Line\*
- Existing WAPA 161kV Transmission Line
- BLM Long-term Visitor Area
- Peak
- BLM Field Office Boundary

#### BLM VRM Class

- I
- II
- III
- IV

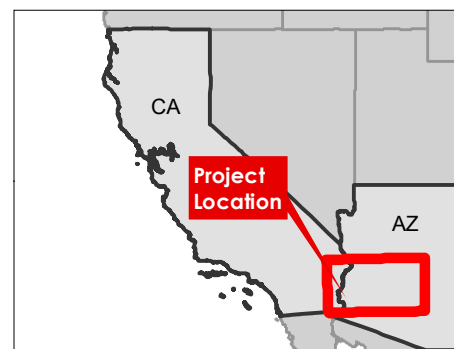
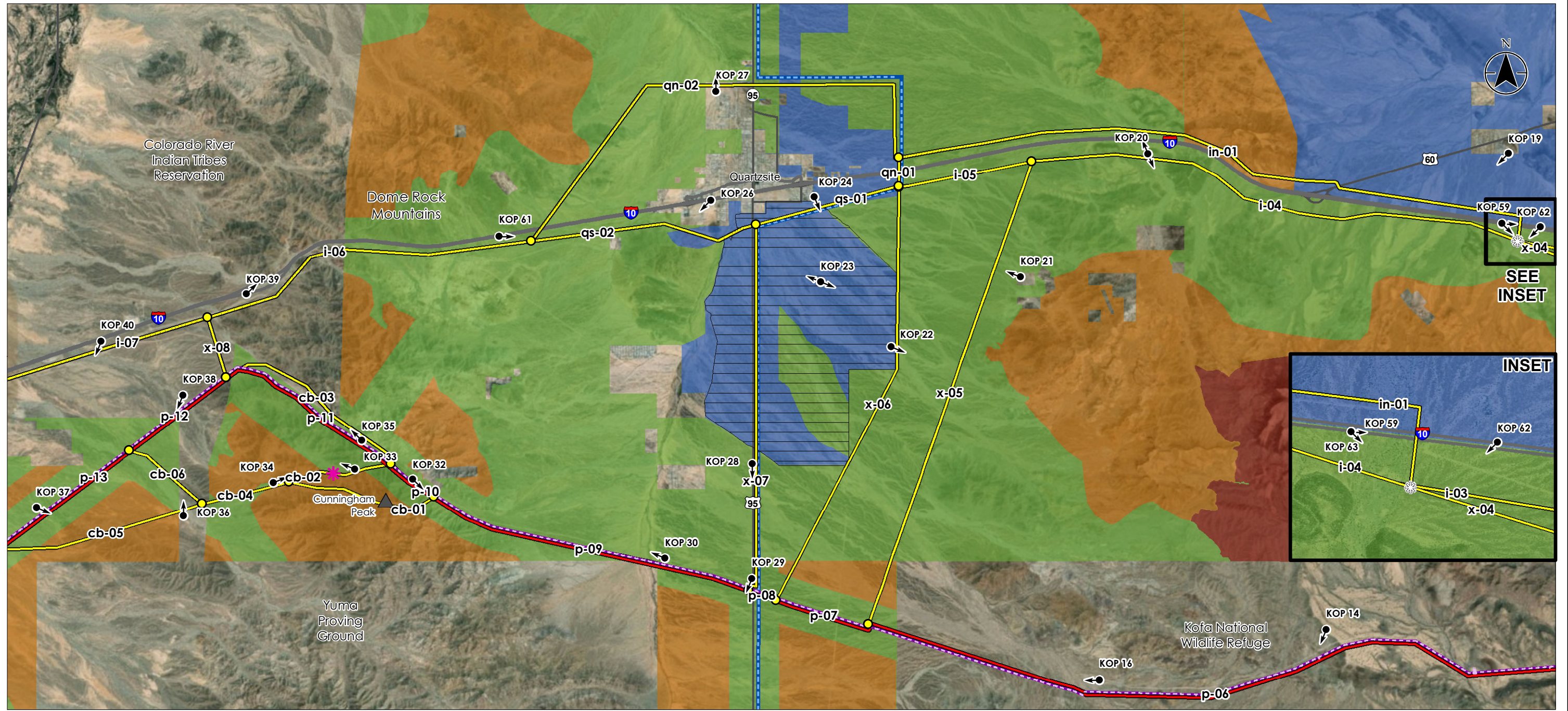
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**Figure 3.11-5  
 Ten West Link  
 KOPs and VRM Classes in the  
 East Plains and Kofa Zone**





**Notes**  
 1. Coordinate System: World Mercator  
 2. Data Source(s): Project data - HDR; Land Status - BLM  
 3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- ▲ Key Observation Point (KOP)
- ⊗ Alternative Series Compensation Stations (2 possible site locations; ~75 feet apart)
- ✱ Johnson Canyon
- Route Segment Node
- Proposed Action\*
- Alternative Route
- Existing DPV1 Transmission Line\*

- Existing WAPA 161kV Transmission Line
- BLM Long-term Visitor Area
- ▲ Peak
- BLM Field Office Boundary

- BLM VRM Class**
- I
  - II
  - III
  - IV

0 2.5 5 Miles  
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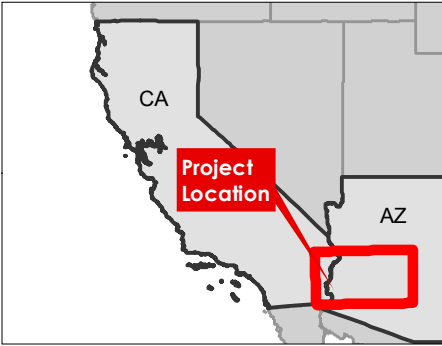
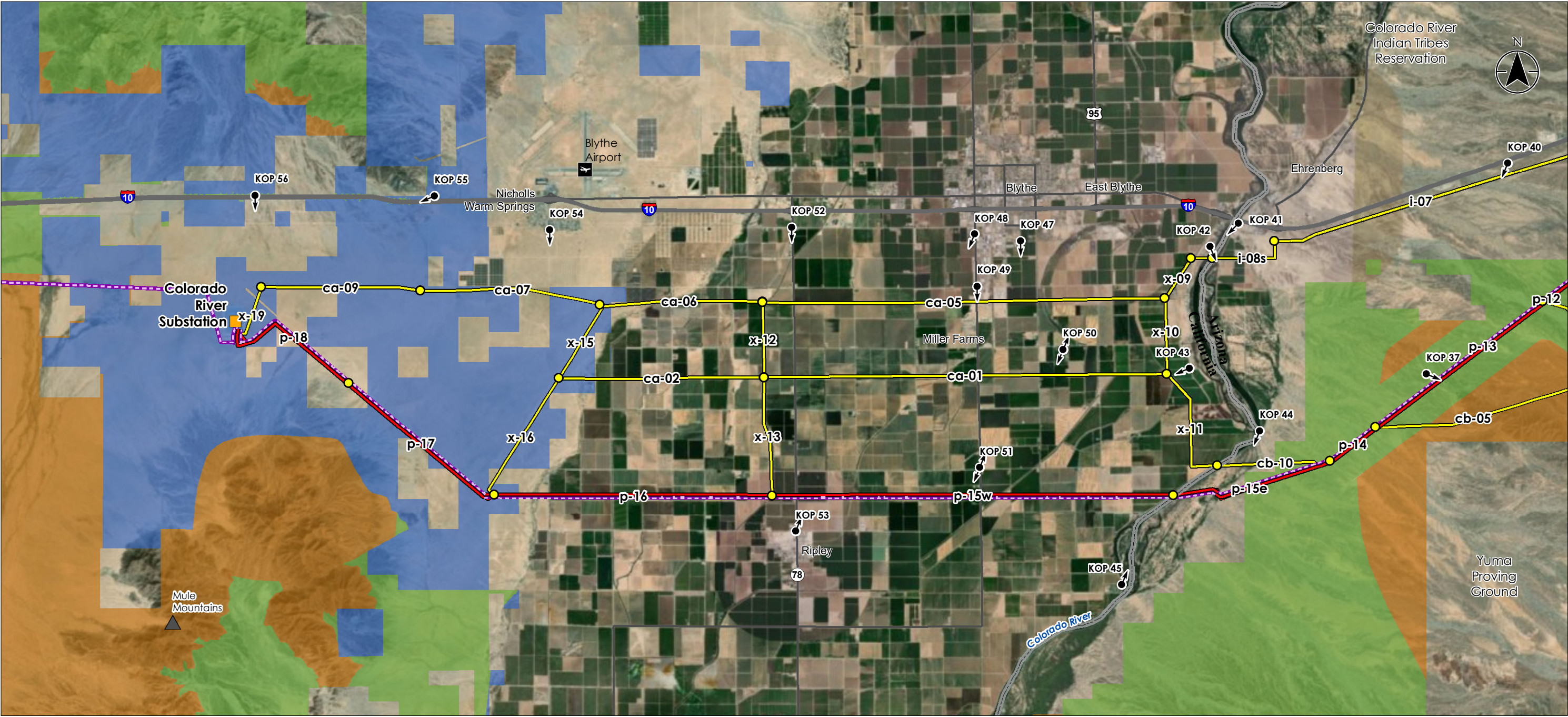
**Figure 3.11-6  
 Ten West Link  
 KOPs and VRM Classes in the  
 Quartzsite Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.









**Notes**  
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3. Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Key Observation Point (KOP)
- Substation
- Route Segment Node
- Proposed Action\*
- Alternative Route
- Existing DPV1 Transmission Line\*
- Peak

- BLM VRM Class**
- II
  - III
  - IV

0 2 4 Miles  
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**Figure 3.11-8**  
**Ten West Link**  
**KOPs and VRM Classes in the**  
**Colorado River and California Zone**

\* = Existing DPV1 follows the Proposed Action. DPV1 and the Proposed Action are cartographically offset for display purposes. Because the routes are cartographically offset, in some cases, the routes do not precisely depict the estimated TWL alignment.



Figure 3.11-9a: KOP 20 – Gold Nugget Road Looking North-Northwest



Figure 3.11-9b: KOP 20 – Gold Nugget Road Looking South-Southeast



Figure 3.11-10: KOP 59 – I-10 South of Brenda



Ten West Link  
KOP Maps and Photos



Figure 3.11-11: KOP 22 – BLM LTVA #1

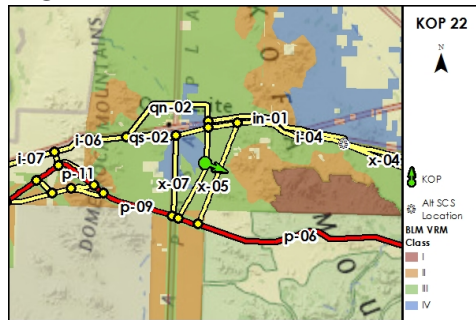


Figure 3.11-12: KOP 24 – RV Park Quartzsite

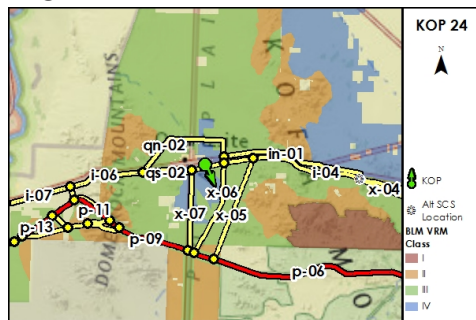


Figure 3.11-13: KOP 26 – Quartzsite Civic Event Parcel



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Figure 3.11-14: KOP 27 – Boyer Road – Quartzsite North Side

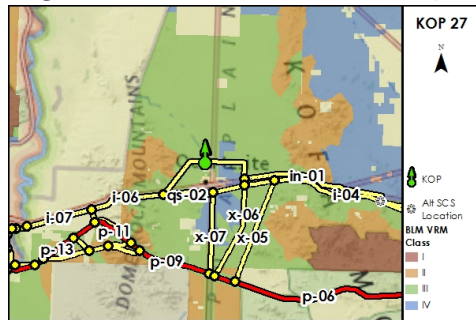


Figure 3.11-15: KOP 28 – Highway 95 LTVA

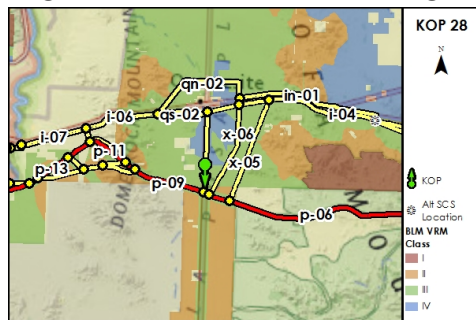
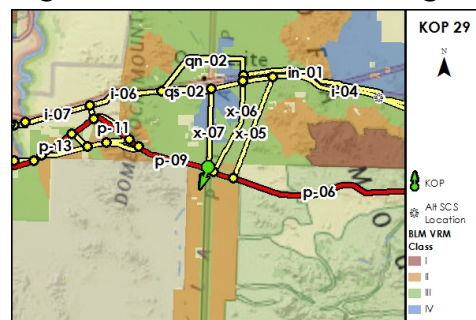


Figure 3.11-16: KOP 29 – Highway 95 Crossing



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Figure 3.11-17: KOP 61 – I-10 Eastbound West of Quartzsite

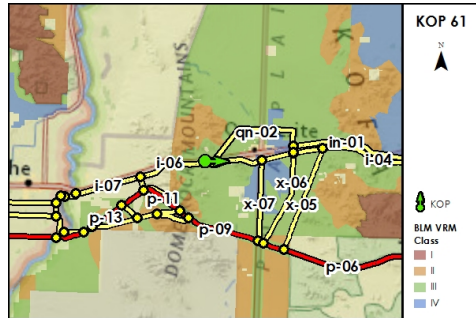


Figure 3.11-18: KOP 30 – Copper Bottom Pass Road #1

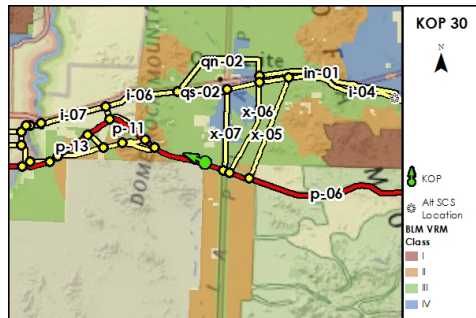
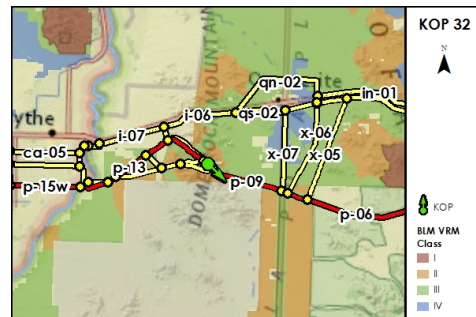


Figure 3.11-19: KOP 32 – Copper Canyon



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Figure 3.11-20: KOP 33 – Johnson Canyon

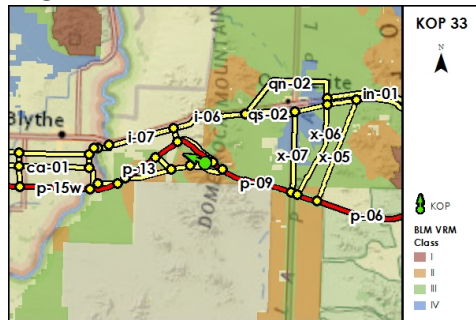


Figure 3.11-21: KOP 34 – Copper Bottom Alternatives Intersection

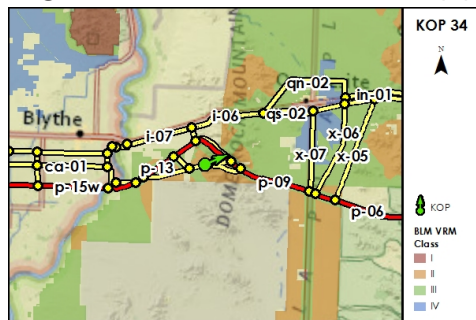


Figure 3.11-22: KOP 35 – Copper Bottom Pass Road #2

