



27-May-2010 Z:\Projects\080472\_EagleMtn\_fromDenver\EIR\_Figures\Figure 2-1\_ProjectVicinity.mxd SEW

		City	County	Urban Area
		Major River	Major Lake	Military Land
		Major Canal, Aqueduct	Playa	State, National Park

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PROJECT VICINITY

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26-May-2010 Z:\Projects\080472\_EagleMtn\_fromDenver\EIR\_Figures\Figure\_2-2\_air\_photo\_proj\_area.mxd SEW

NOTE: Image displayed with two standard deviations for clarity of features.  
 SOURCE: USDA FSA Aerial Photography Field Office: County image mosaic for Riverside, CA (2009).

0 1 2 Miles

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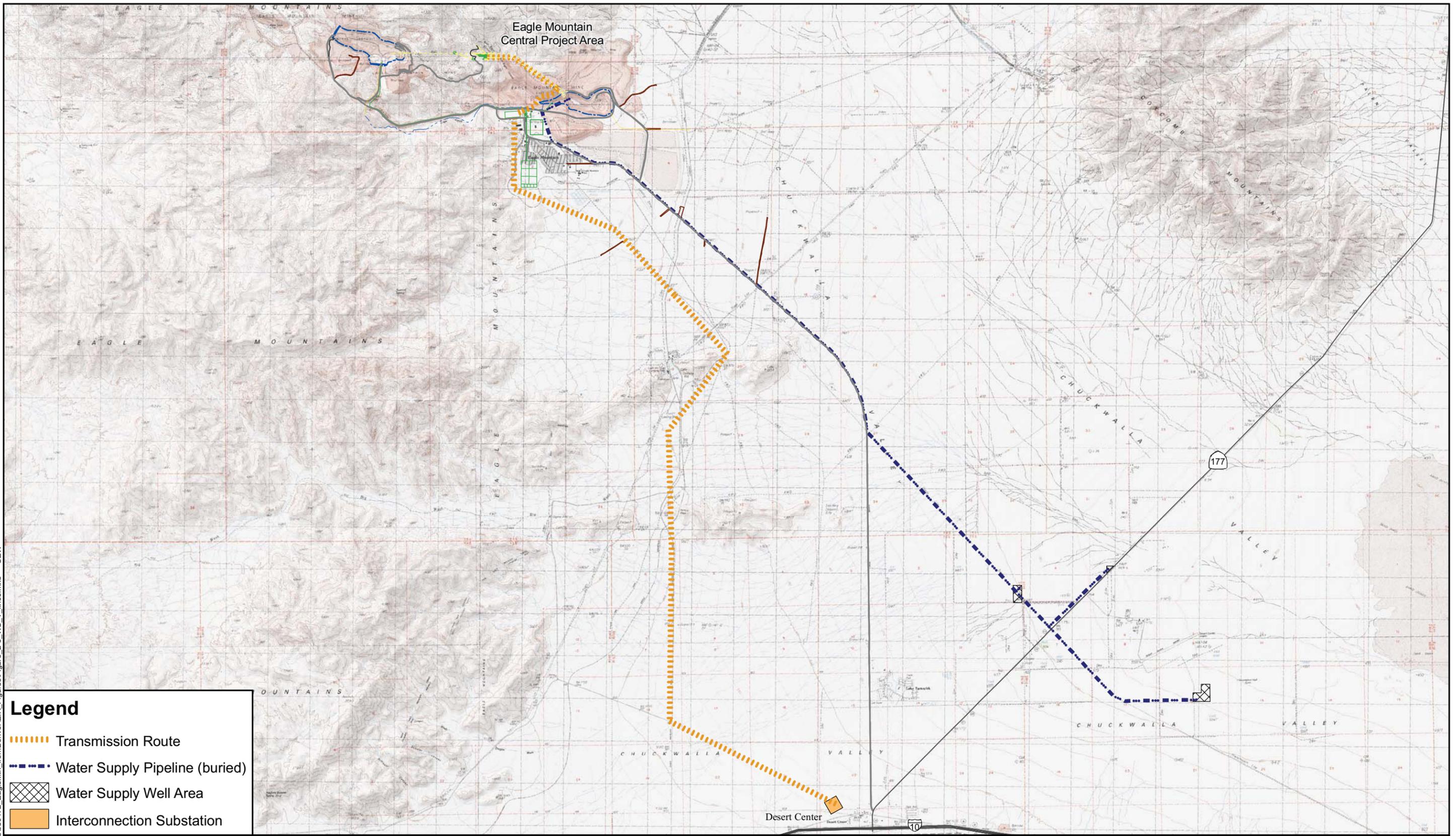


AERIAL OVERVIEW  
 OF PROJECT SITE

June 2010

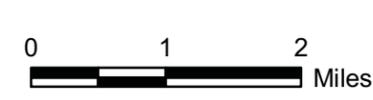
Figure 2-2

26-May-2010 Z:\Projects\080472\_EagleMtn\_fromDenver\EIR\_Figures\Figure 2-3\_WS\_T\_lines.mxd SEW



**Legend**

-  Transmission Route
-  Water Supply Pipeline (buried)
-  Water Supply Well Area
-  Interconnection Substation



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**WATER SUPPLY AND TRANSMISSION LINES**

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Figure 2-3

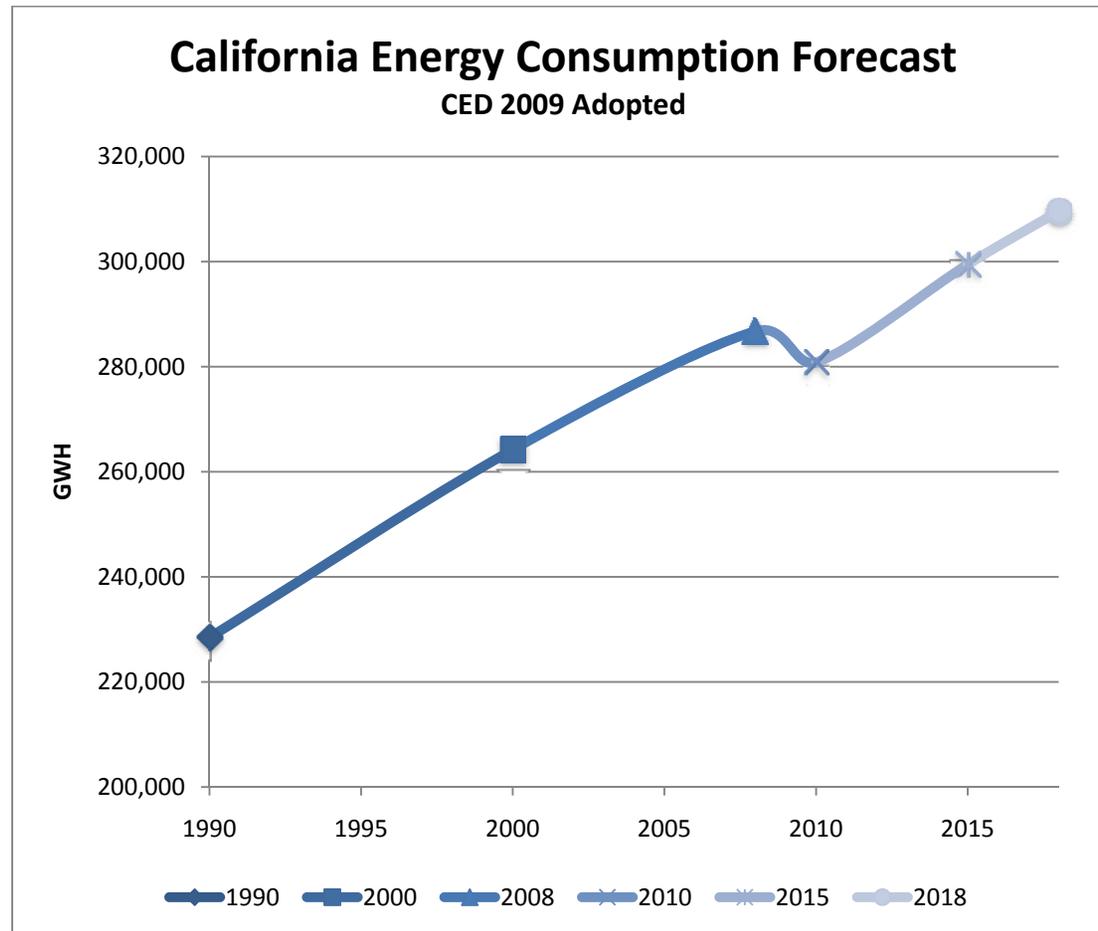


Figure 2-4. California Energy Consumption Forecast, 2010 – 2020. Source: Kavalek and Gorin 2009. CEC-200-2009-012-CMF

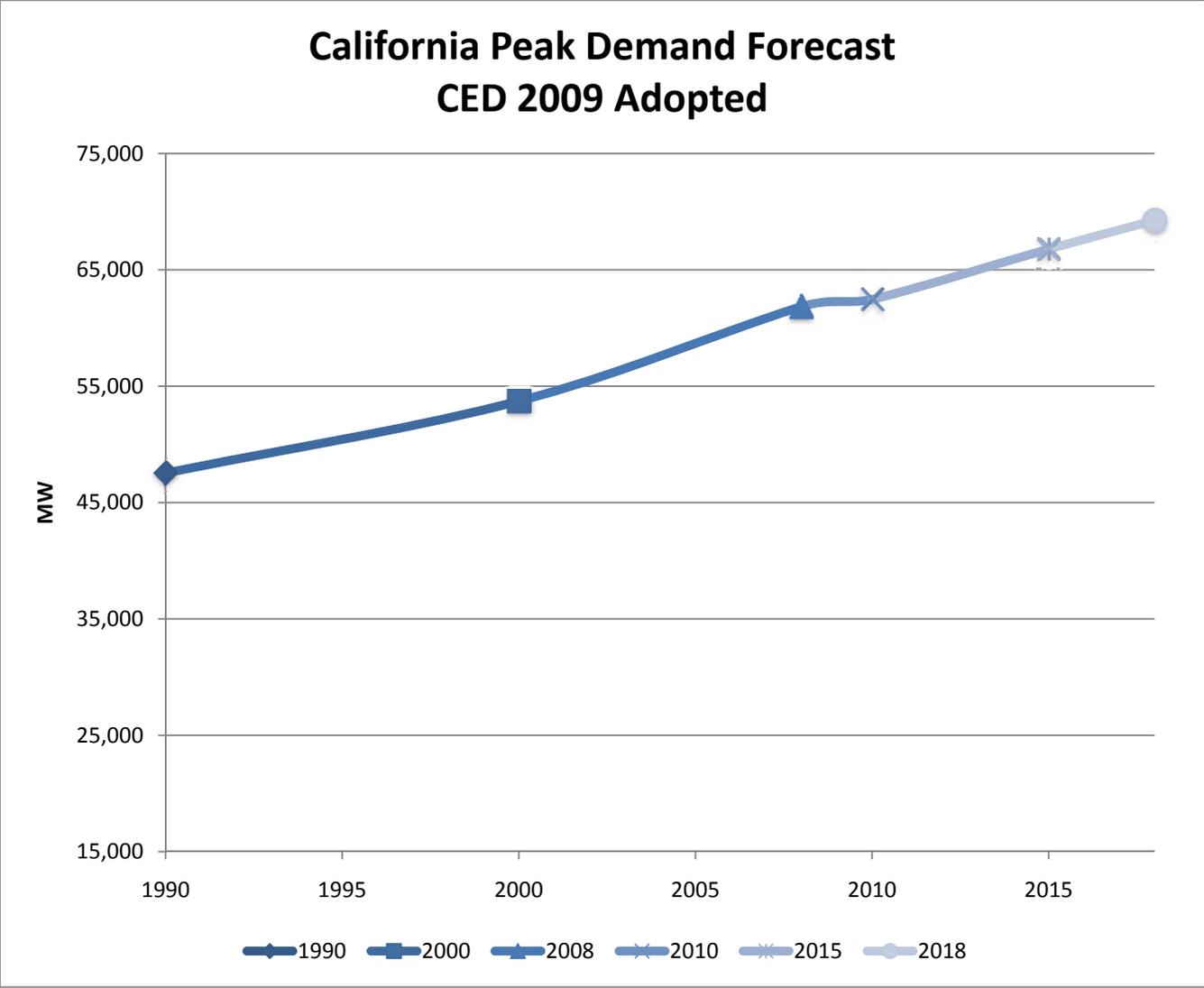
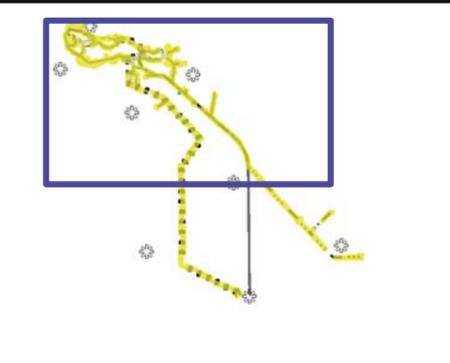
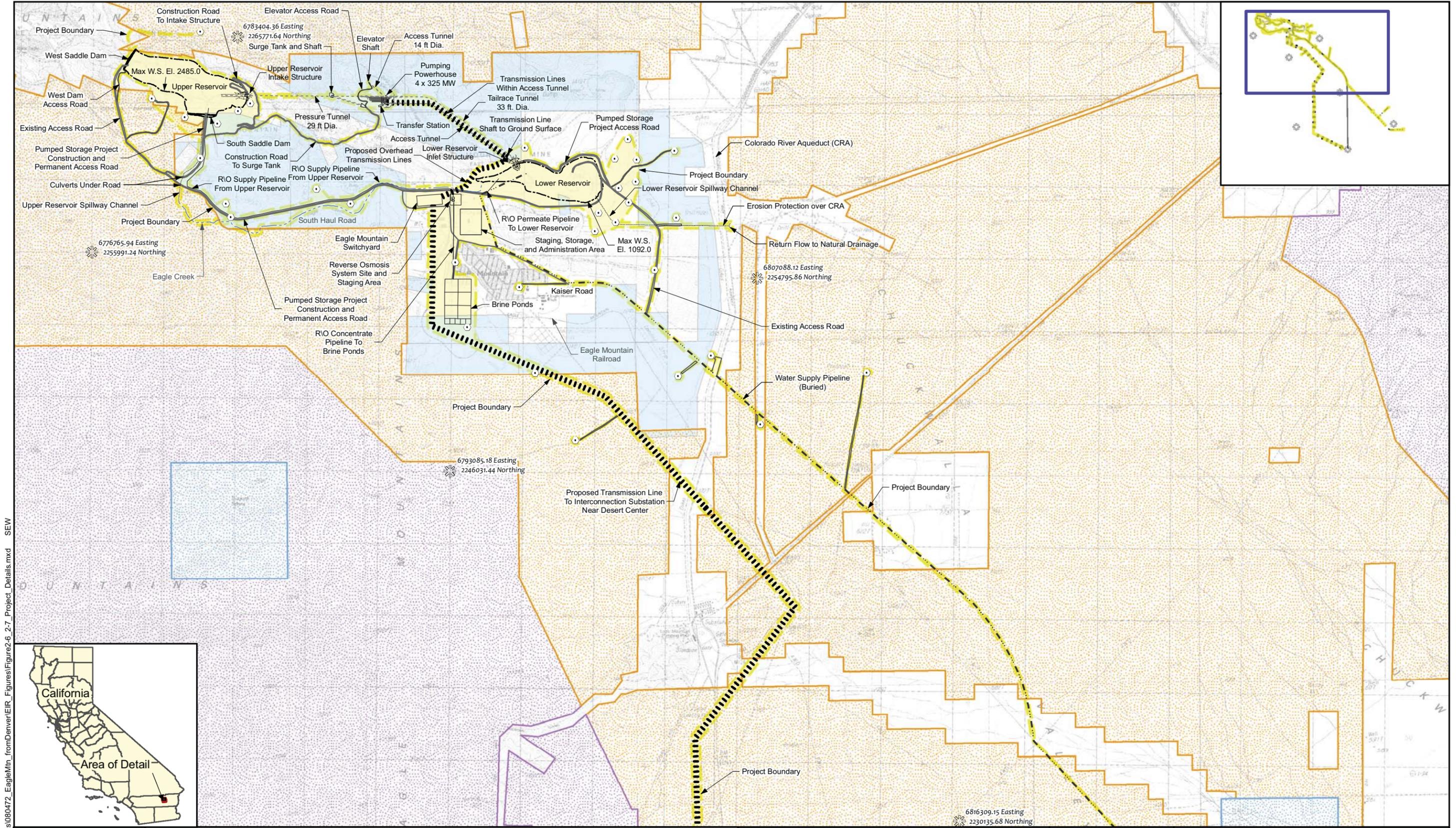
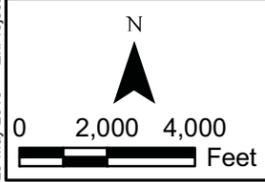


Figure 2-5. California Peak Energy Demand Forecast, 2010 – 2020. Source: Kavalek and Gorin 2009 CEC-200-2009-012-CMF



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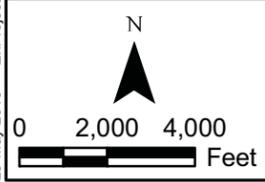
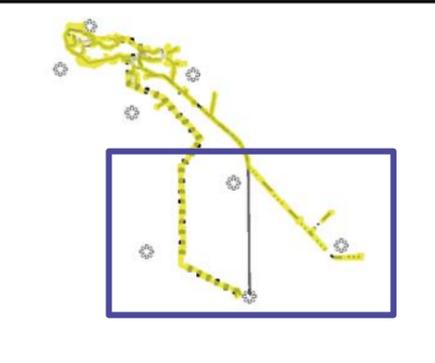
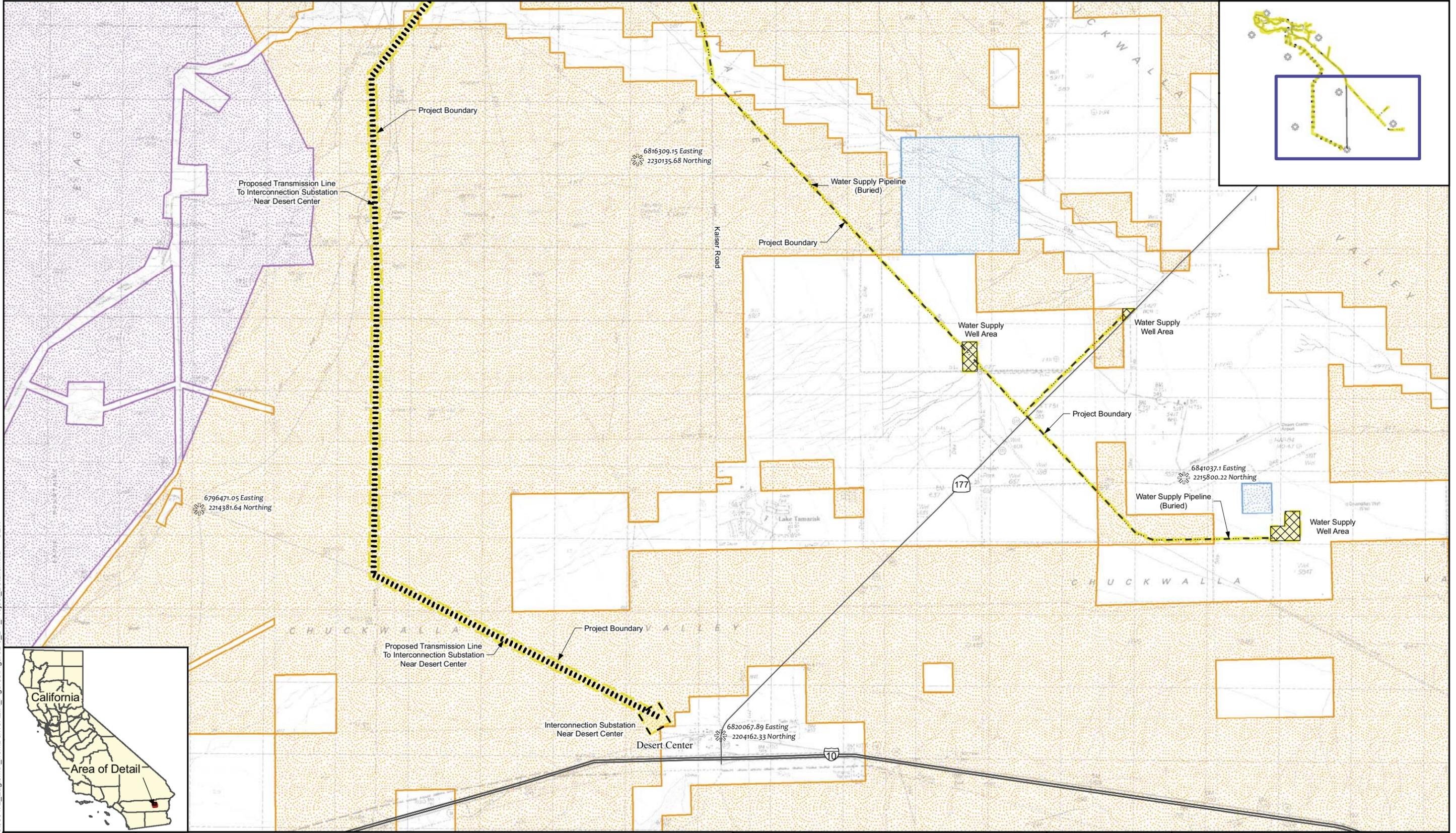
Georeference Locations	Interconnection Substation	Bureau of Land Management
Mitigation Monitoring Network Well	Water Supply Well Area	National Park Service
Water Supply Line	BLM Land Subject to Land Exchange	State
Transmission Route	Project Boundary	Private

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PROJECT BOUNDARY  
 (PAGE 1 OF 2)  
 June 2010  
 Figure 2-6

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Georeference Locations	Interconnection Substation	Bureau of Land Management
Mitigation Monitoring Network Well	Water Supply Well Area	National Park Service
Water Supply Line	BLM Land Subject to Land Exchange	State
Transmission Route	Project Boundary	Private

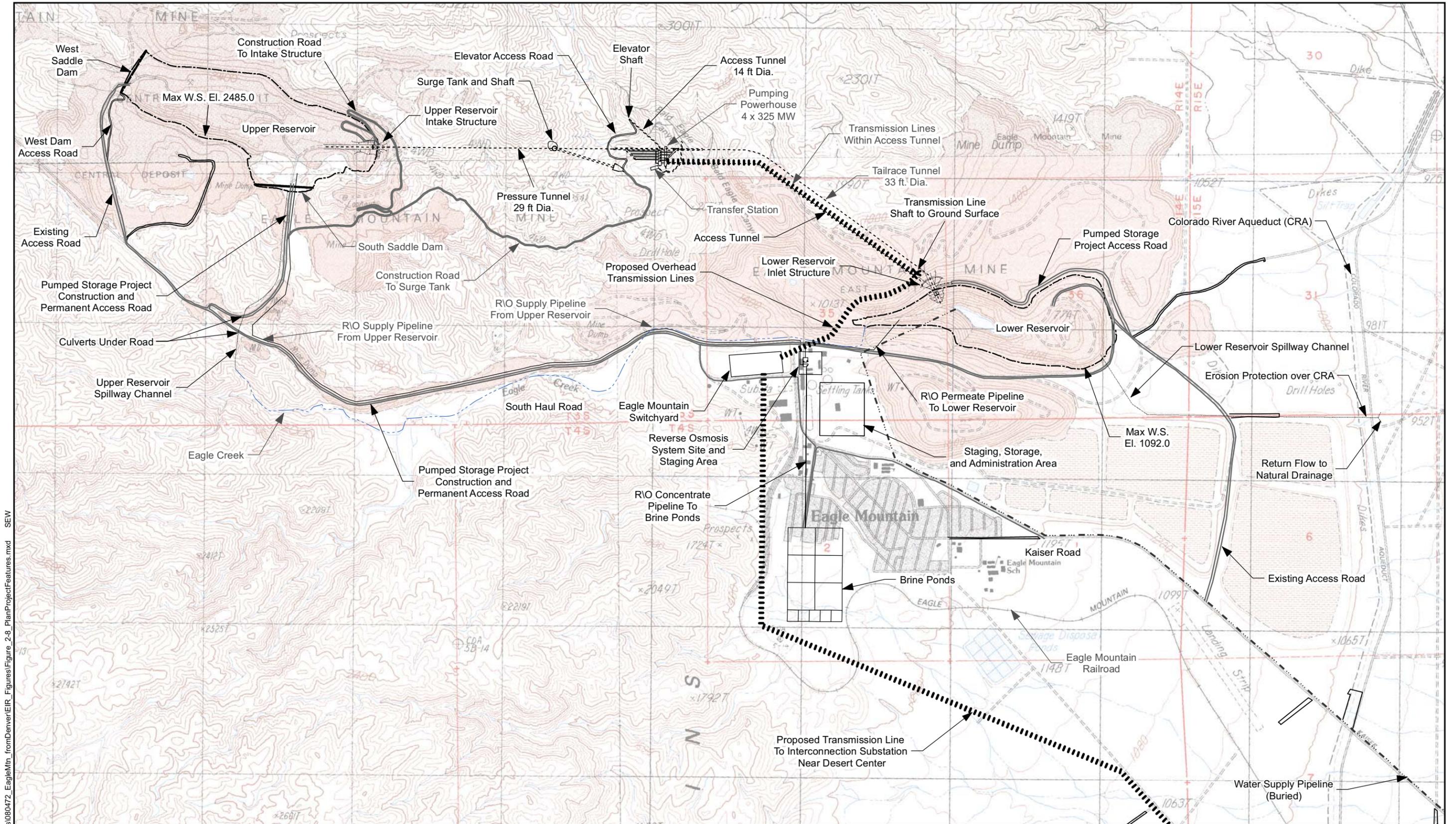
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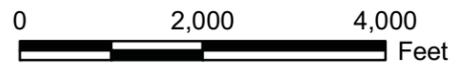


**PROJECT BOUNDARY**  
(PAGE 2 OF 2)

June 2010 Figure 2-7



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**PLAN PROJECT FEATURES**

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NOTE: Image displayed with two standard deviations for clarity of features.  
 SOURCE: USDA FSA Aerial Photography Field Office: County image mosaic for Riverside, CA (2009).

0 1 2 Miles

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AERIAL OVERVIEW  
 OF PROJECT SITE

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Figure 3.0-1

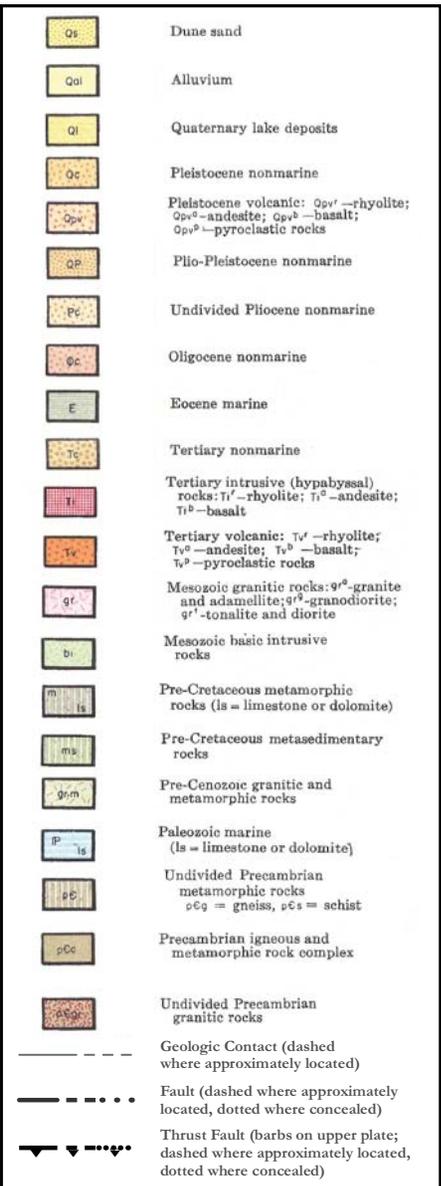
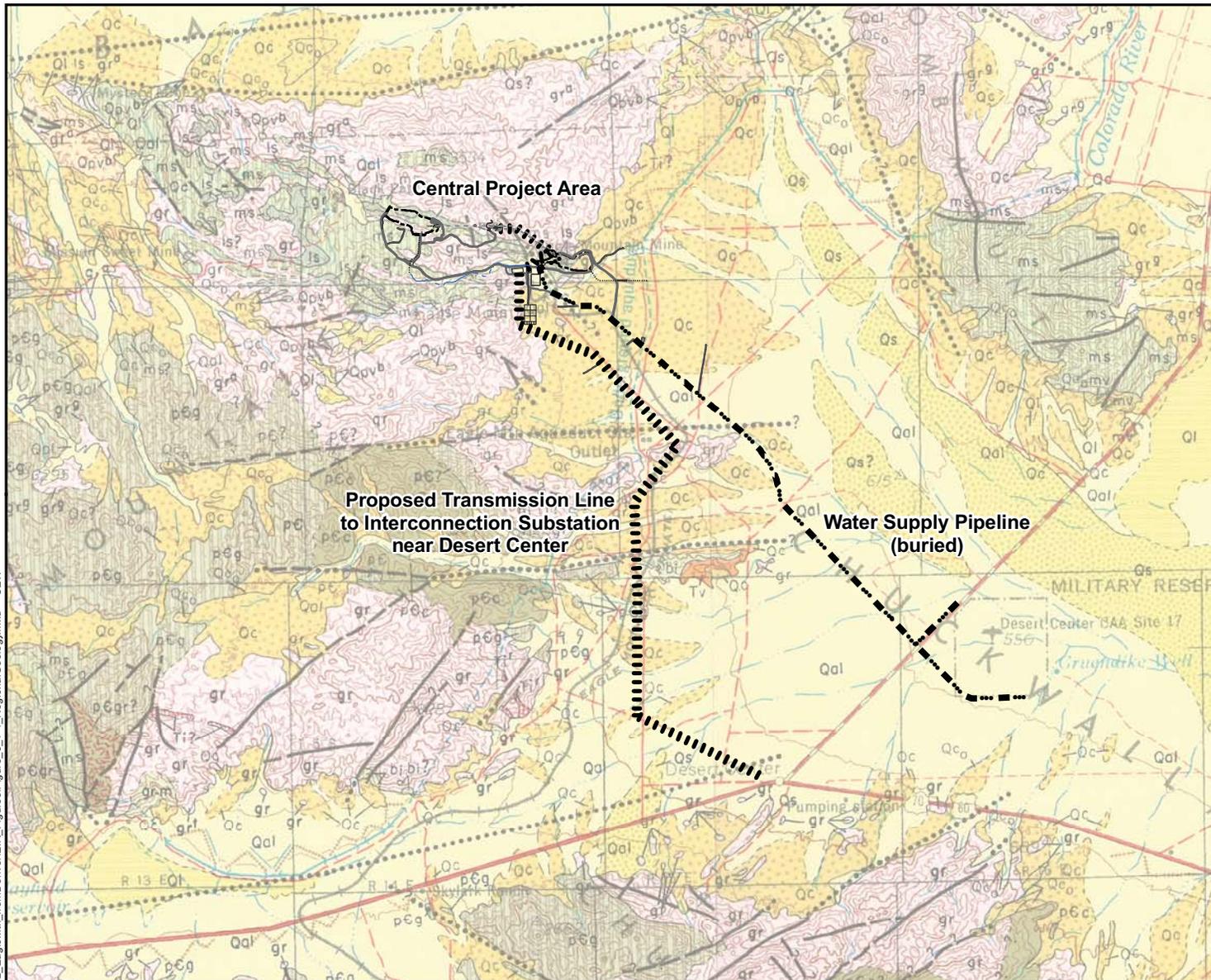


Figure 3.0-2. Aerial view of water pipeline corridor, from southeast towards the northwest. The project site is visible in the background.



**Figure 3.0-3. Aerial view of project site and the town of Eagle Mountain.**

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NOTE: Map area lies within the former U.S. Army California-Arizona Maneuver Area.  
SOURCE: Geology from Jennings, 1967



0 2 4  
Miles

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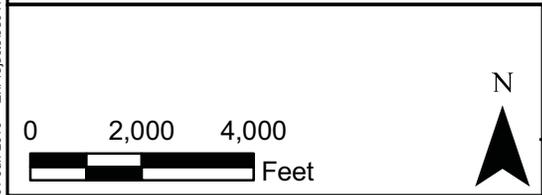
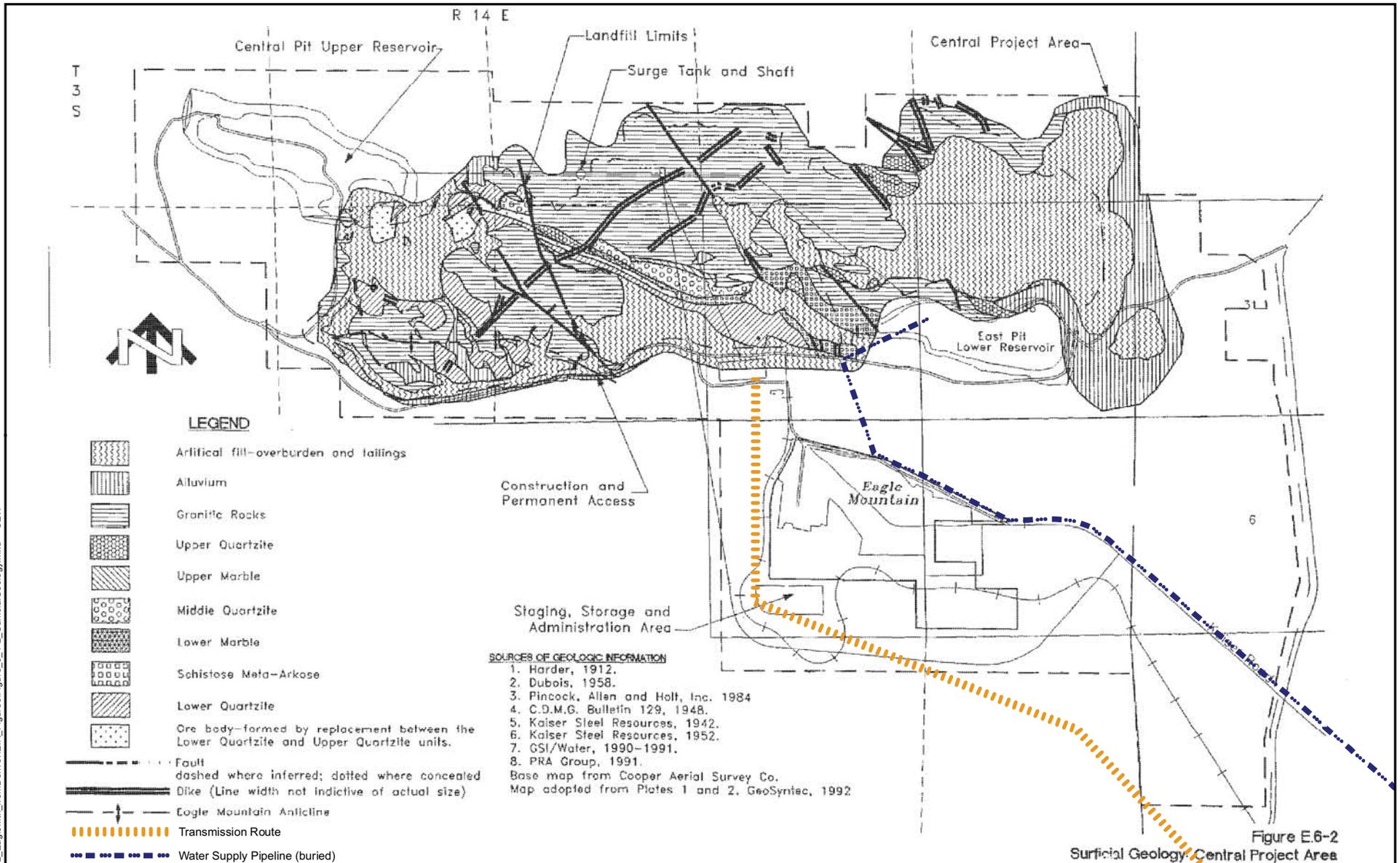
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REGIONAL GEOLOGY

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Figure 3.1-1



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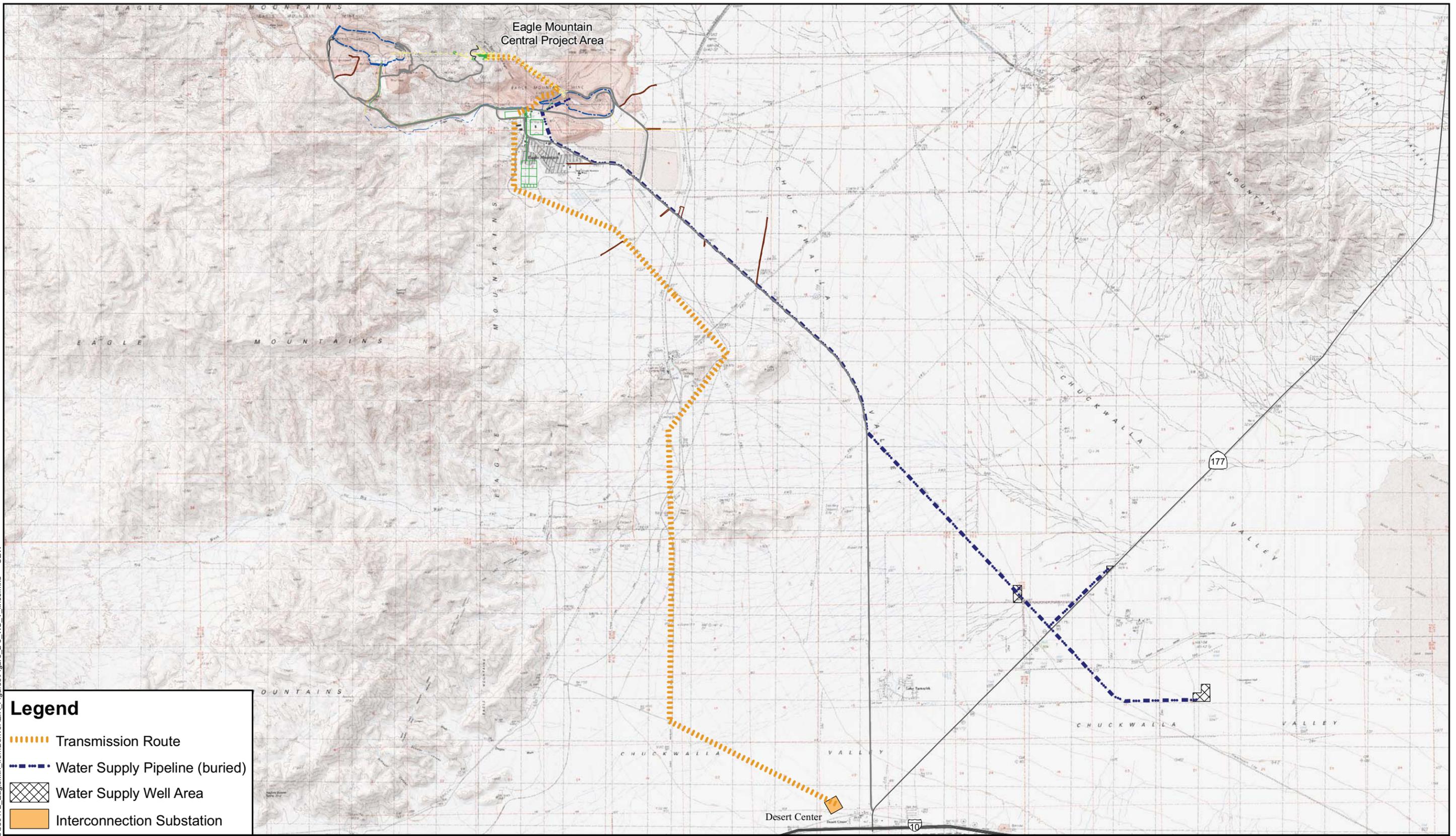


**SURFICIAL GEOLOGY,  
CENTRAL PROJECT AREA**

June 2010 Figure 3.1-2

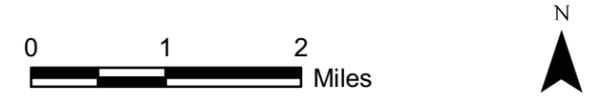


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**Legend**

-  Transmission Route
-  Water Supply Pipeline (buried)
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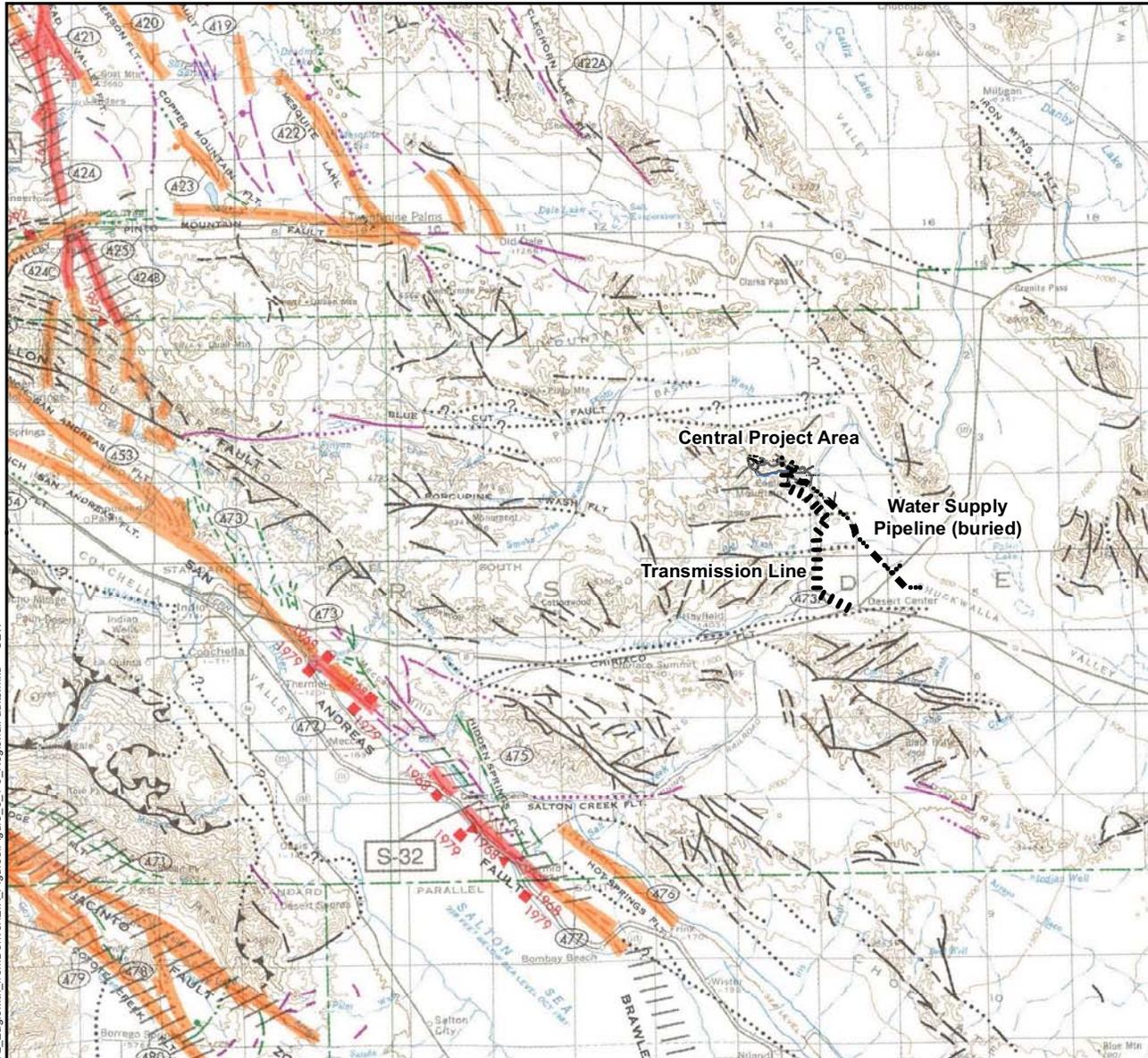


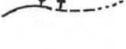
**PROPOSED UTILITY SERVICE  
 LINE ALIGNMENTS**

June 2010

Figure 3.1-4

01-Jun-2010 27\Projects\080472\_EagleMtn\_fromDenver\EIR\_Figures\Figure\_3.1-5\_RegionalFaults.mxd SEW



-  Fault with Historic (last 200 years) displacement. Pink band added to emphasize location of Historic fault displacement.
-  Holocene fault displacement (during past 10,000 years) without historic record. Pale orange band added to emphasize location of Holocene fault displacement.
-  Late Quaternary fault displacement (during the past 700,000 years).
-  Quaternary fault (displacement within past 1.6 million years).
-  Pre-Quaternary fault (last displacement older than 1.6 million years) or fault without recognized Quaternary displacement.
-  Fault segment associated with a significant linear trend of accurately located earthquake epicenters (Magnitude 0.2 or greater).
-  Fault - solid where well defined; dashed where inferred; dotted where concealed; queried where uncertain. Bar and ball on downthrown side. Arrow indicates direction of dip.
-  Low angle fault - barbs on upper plate; dashed where inferred; dotted where concealed.

SOURCE: Faults from Jennings, 1994



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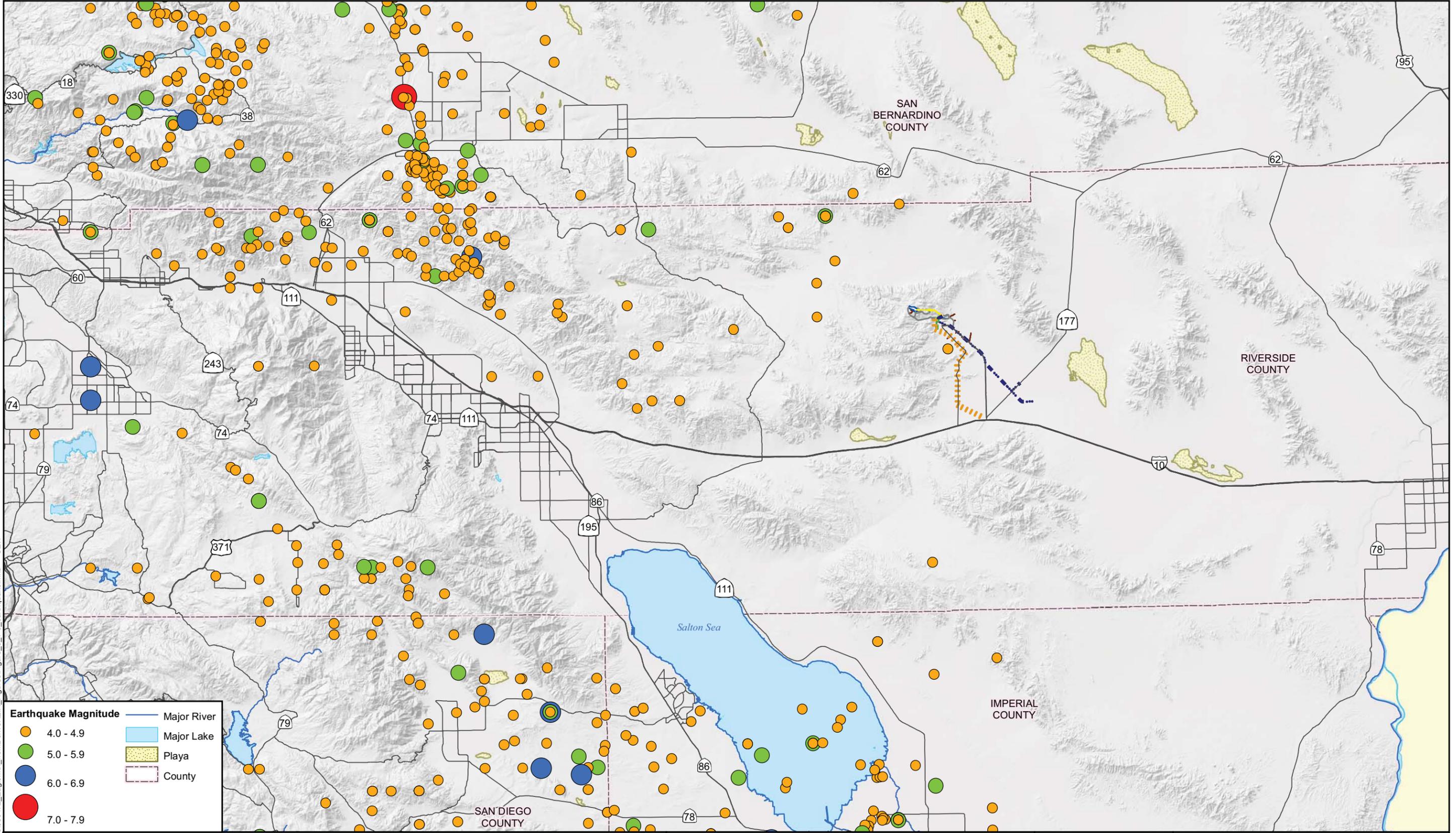


## REGIONAL FAULTS

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Figure 3.1-5

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Earthquake Magnitude		Major River
<span style="color: orange;">●</span>	4.0 - 4.9	
<span style="color: green;">●</span>	5.0 - 5.9	
<span style="color: blue;">●</span>	6.0 - 6.9	
<span style="color: red;">●</span>	7.0 - 7.9	
		County



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**REGIONAL EARTHQUAKES  
 MAGNITUDE 4.0 AND LARGER**

June 2010

Figure 3.1-6

