





**LEGEND**

- ENVIRONMENTAL ANALYSIS FOOTPRINT
- PROPERTY LINES
- PROPOSED BRIDGE
- PROPOSED ROADWAY

UPPER RESERVOIR  
CROSSING (EXISTING  
DOG BAR ROAD)

MIDDLE RESERVOIR  
CROSSING

NEVADA COUNTY

MAGNOLIA ROAD

BEAR RIVER

DOWNSTREAM DAM  
CROSSING

FUTURE DAM

LOWER RESERVOIR  
CROSSING

PLACER HILLS ROAD

WEIMAR CROSS ROAD

PLACER COUNTY



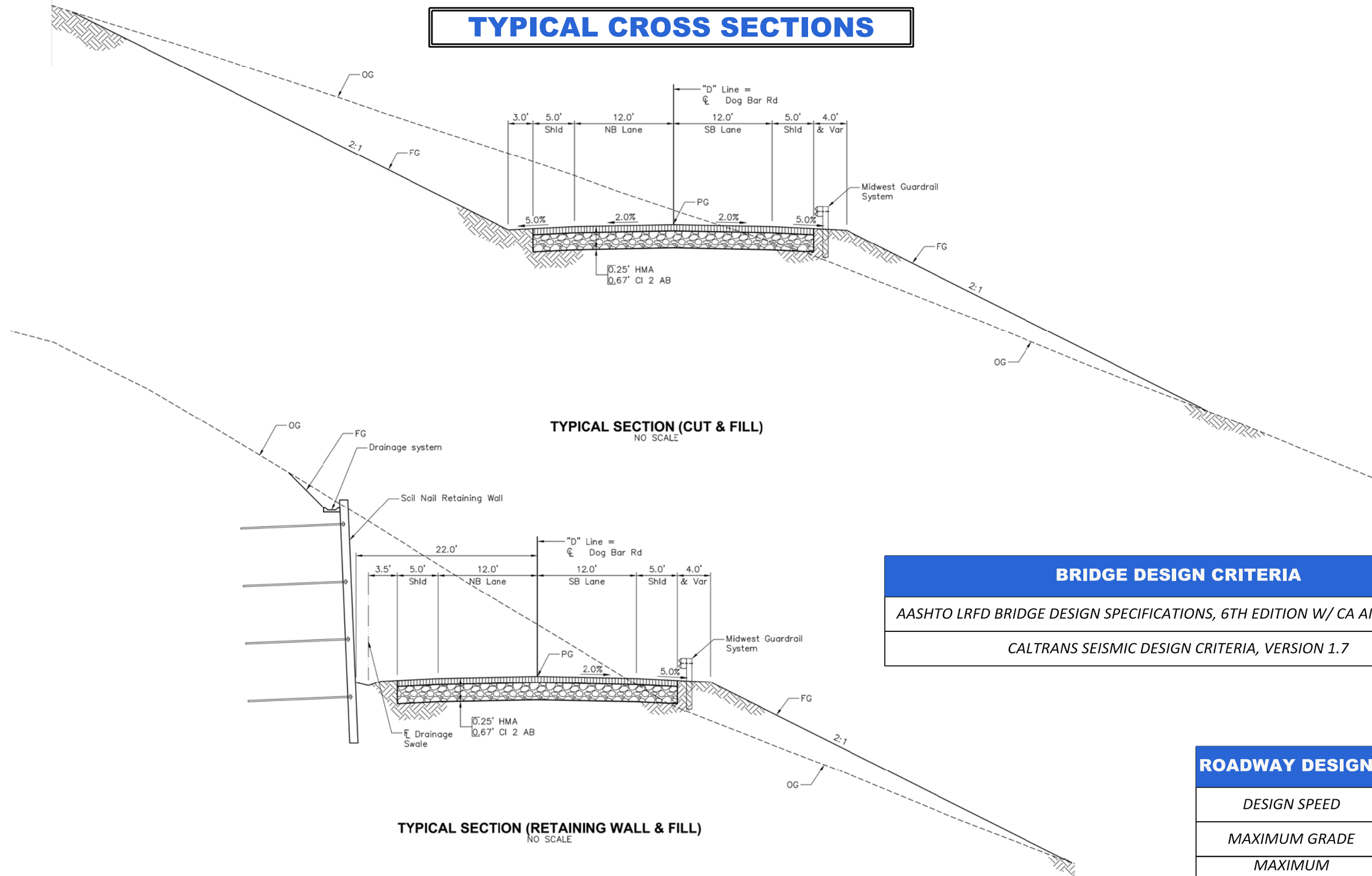
NEVADA IRRIGATION DISTRICT

DOG BAR ROAD BRIDGE REALIGNMENT STUDY





## TYPICAL CROSS SECTIONS



### BRIDGE DESIGN CRITERIA

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 6TH EDITION W/ CA AMENDMENTS

CALTRANS SEISMIC DESIGN CRITERIA, VERSION 1.7

### ROADWAY DESIGN CRITERIA

DESIGN SPEED	35 MPH
MAXIMUM GRADE	10%
MAXIMUM SUPERELEVATION RATE	8%





DIST

COUNTY

ROUTE

POST MILES  
TOTAL PROJECT

SHEET  
No

TOTAL  
SHEETS

NA

NEV-PLA

LOCAL

XXXX

1

1

Mario Quest

8/3/216

REGISTERED CIVIL ENGINEER

DATE

DRAFT

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

Mario Quest

No. 41055

Exp. 3/31/2017

CIVIL

STATE OF CALIFORNIA

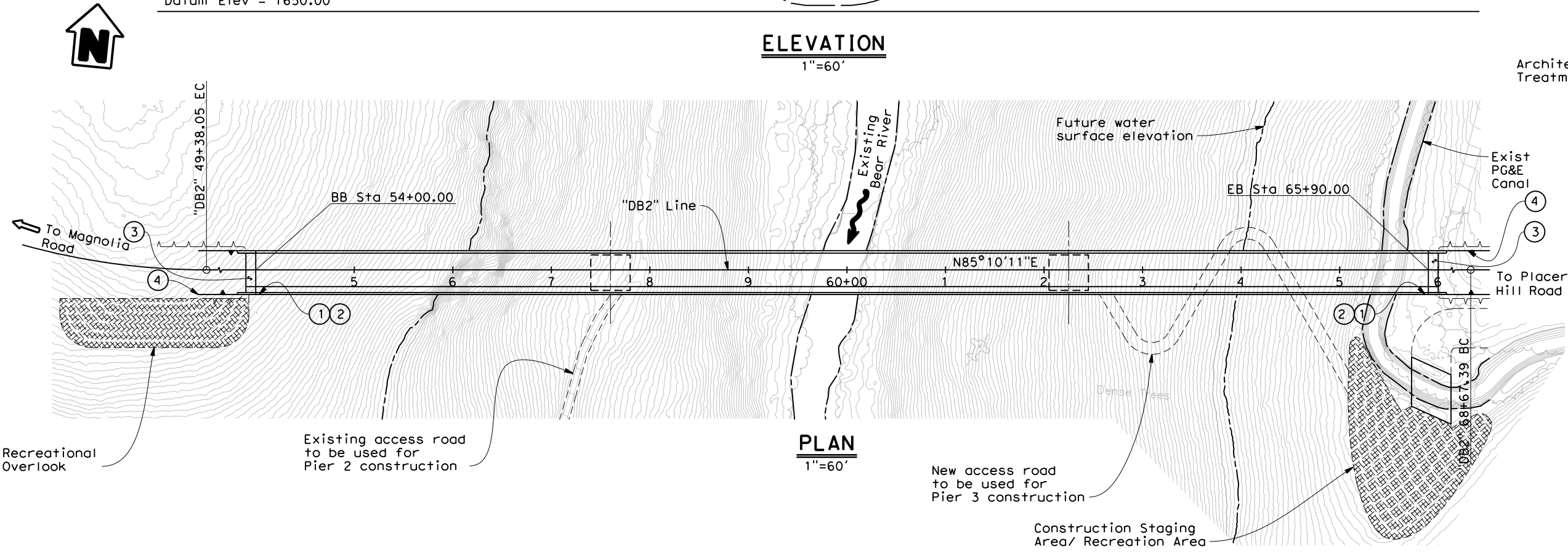
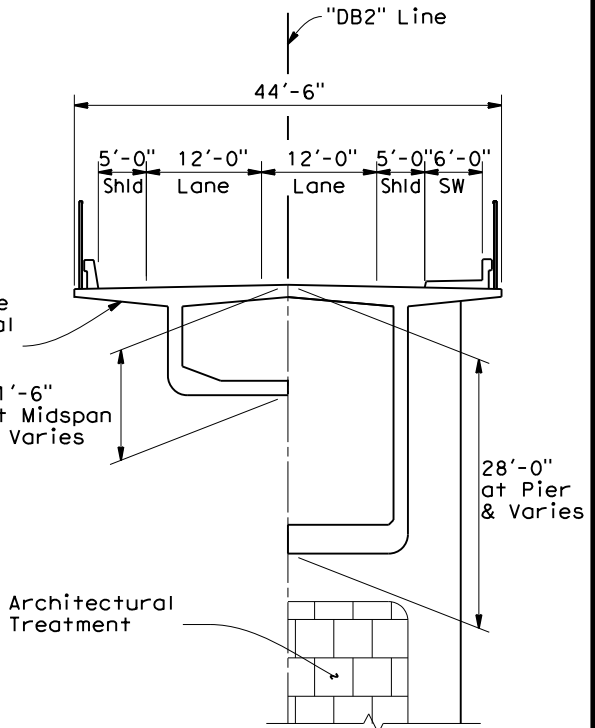
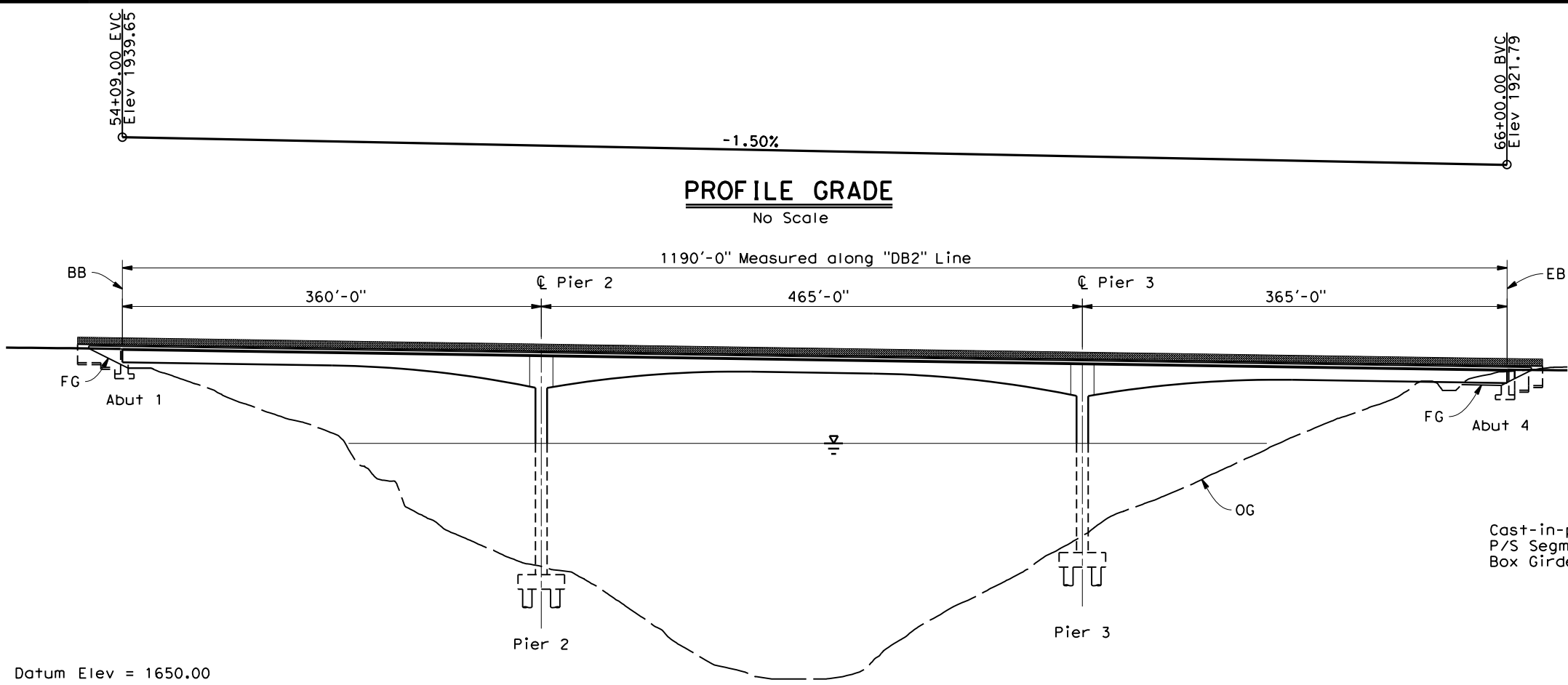
The Nevada Irrigation District or its officers

shall not be responsible for the accuracy or

completeness of electronic copies of this plan sheet.

QUINCY

ENGINEERING

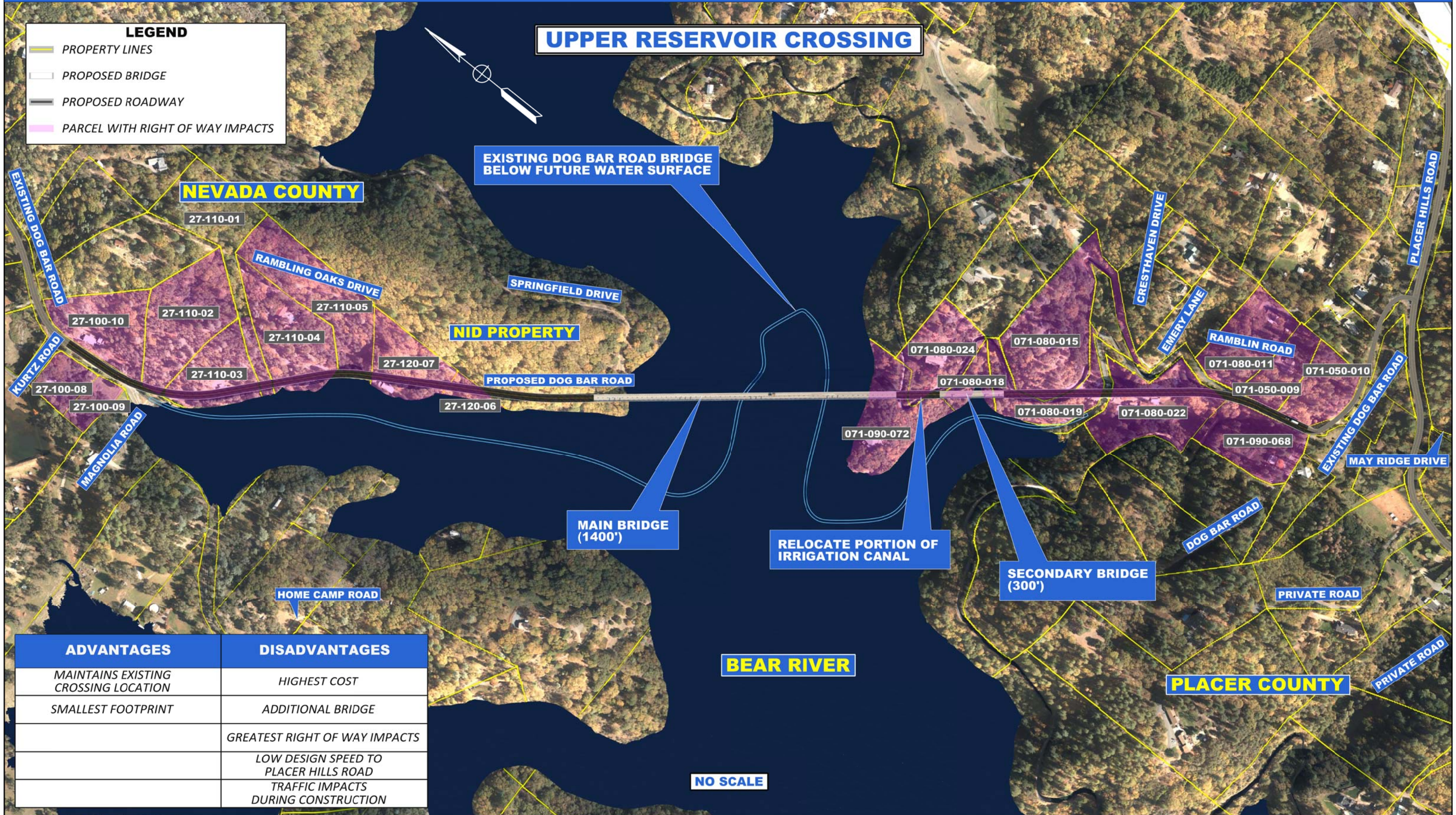


TYPICAL SECTION  
1"=10'

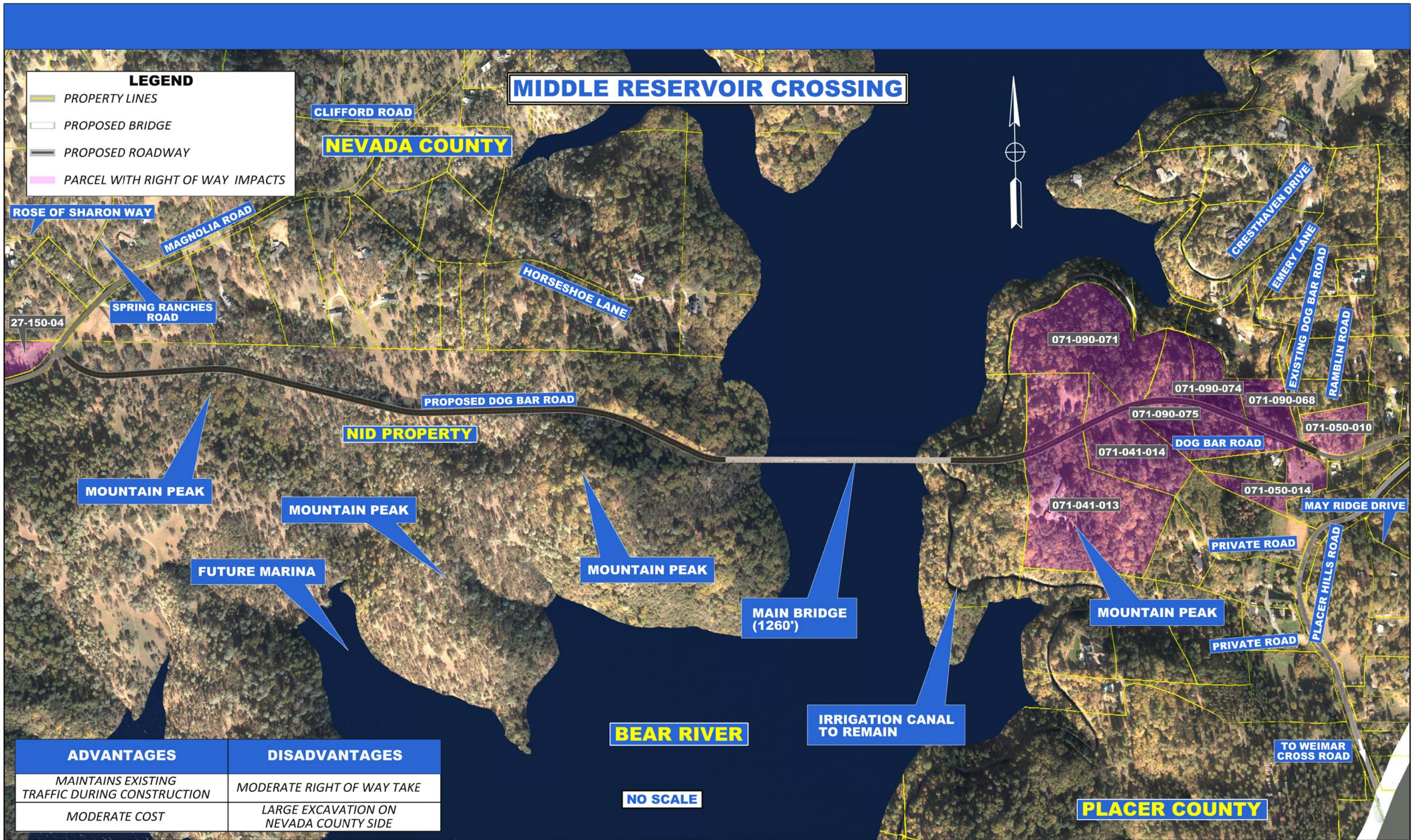
- Notes:
- ① Paint Bridge "Br No. - "
  - ② Paint " "
  - ③ Structure Approach Type E0(10)
  - ④ Retaining Wall see "Road Plans"
  - ⚡ Highwater elevation Centennial Reservoir

X DESIGN OVERSIGHT X SIGN OFF DATE	DESIGN	BY M. Katt	CHECKED M. Quest	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE		PREPARED FOR THE NEVADA IRRIGATION DISTRICT	Mario Quest PROJECT ENGINEER	BRIDGE NO.	DOG BAR ROAD BRIDGE																					
	DETAILS	BY M. Katt	CHECKED M. Quest	LAYOUT	BY M. Katt	CHECKED M. Quest			POST MILES	BRIDGE LAYOUT CONCEPT																					
	QUANTITIES	BY X	CHECKED X	SPECIFICATIONS	BY X	PLANS AND SPECS COMPARED X			X																						
DESIGN GENERAL PLAN SHEET (ENGLISH) (REV.03/14/12)								UNIT: X PROJECT NUMBER & PHASE: X								CONTRACT NO.: X				DISREGARD PRINTS BEARING EARLIER REVISION DATES →				REVISION DATES				SHEET		OF	
								ORIGINAL SCALE IN INCHES FOR REDUCED PLANS								0 1 2 3								X				X		X	

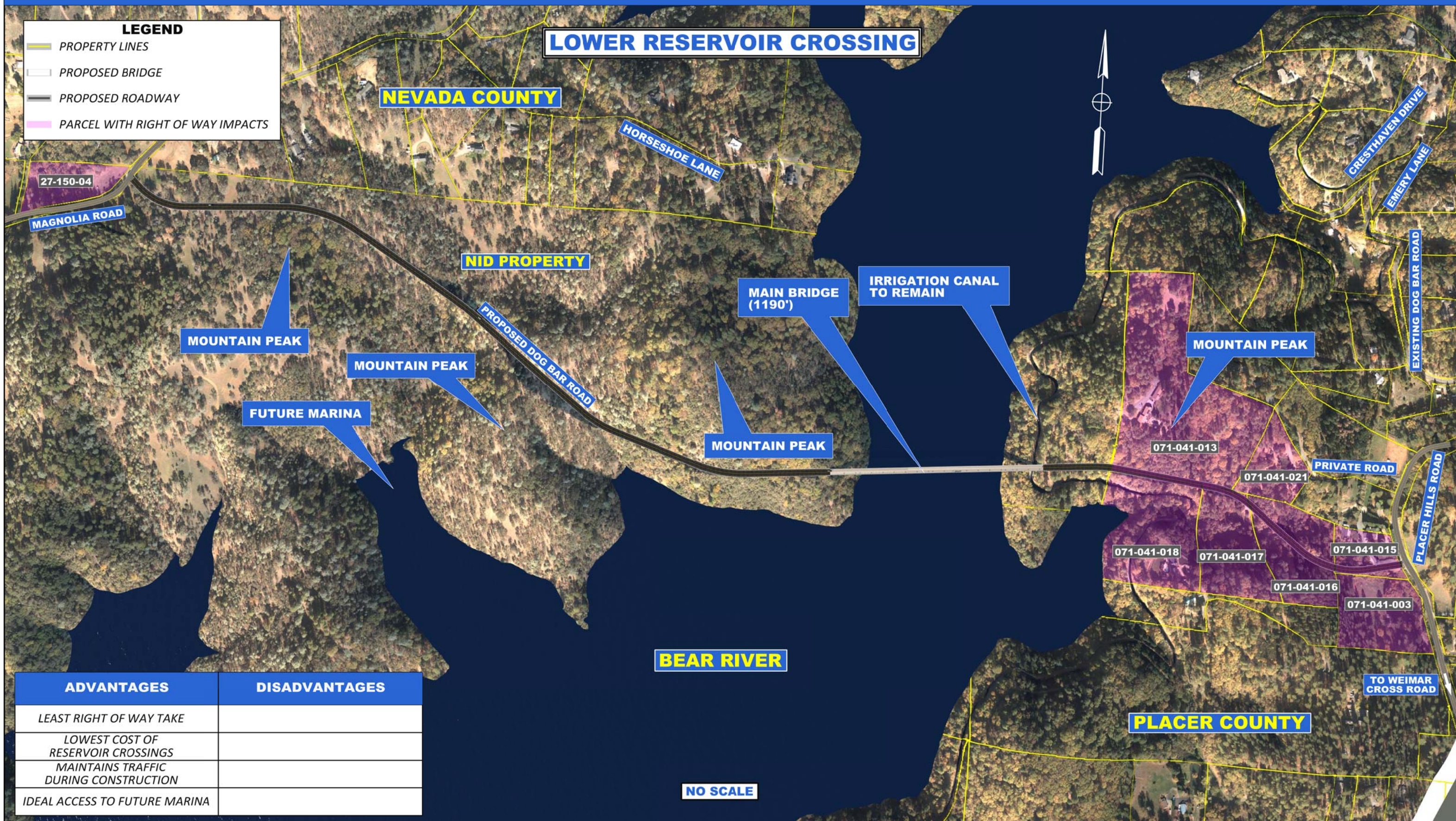




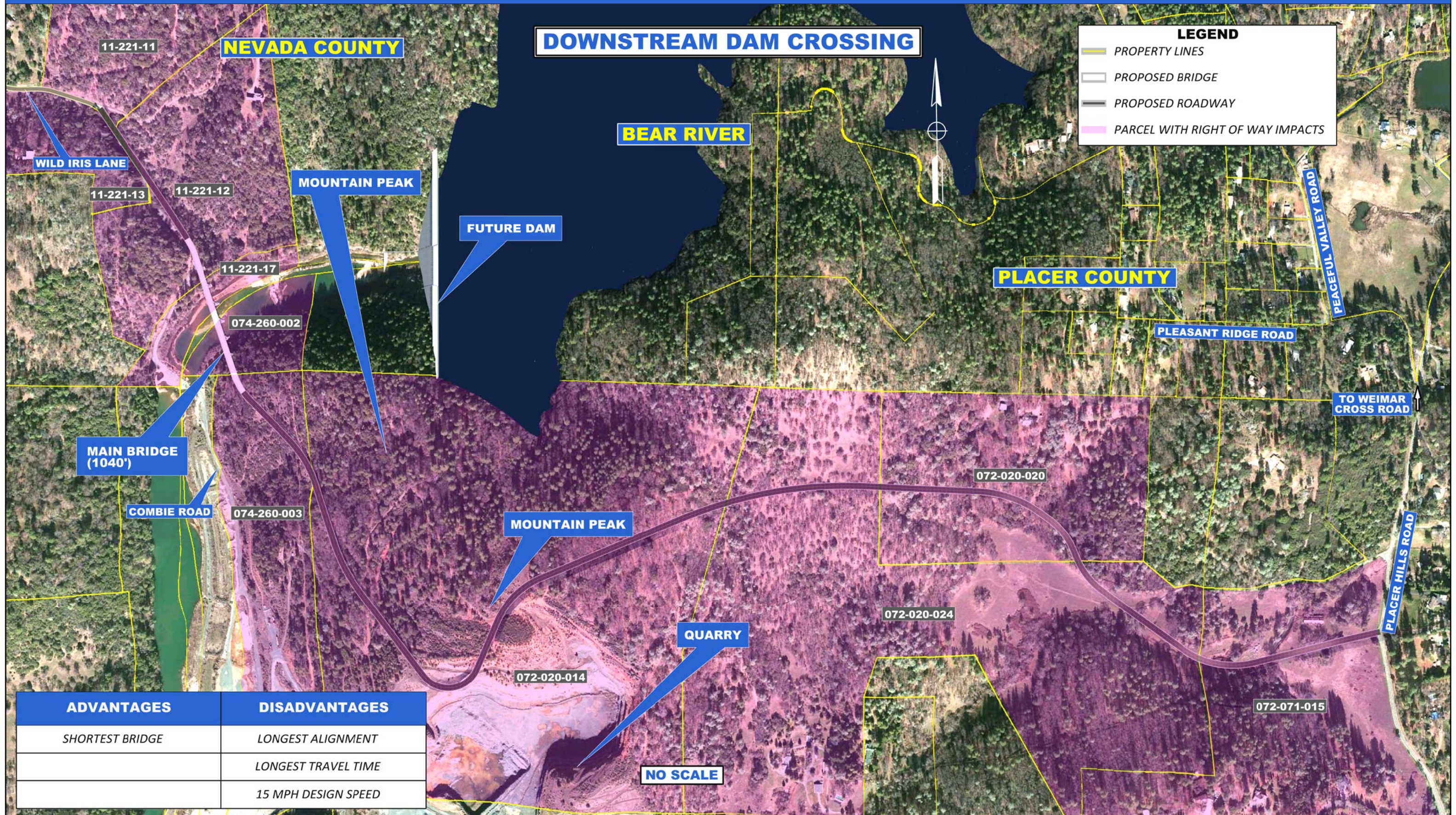








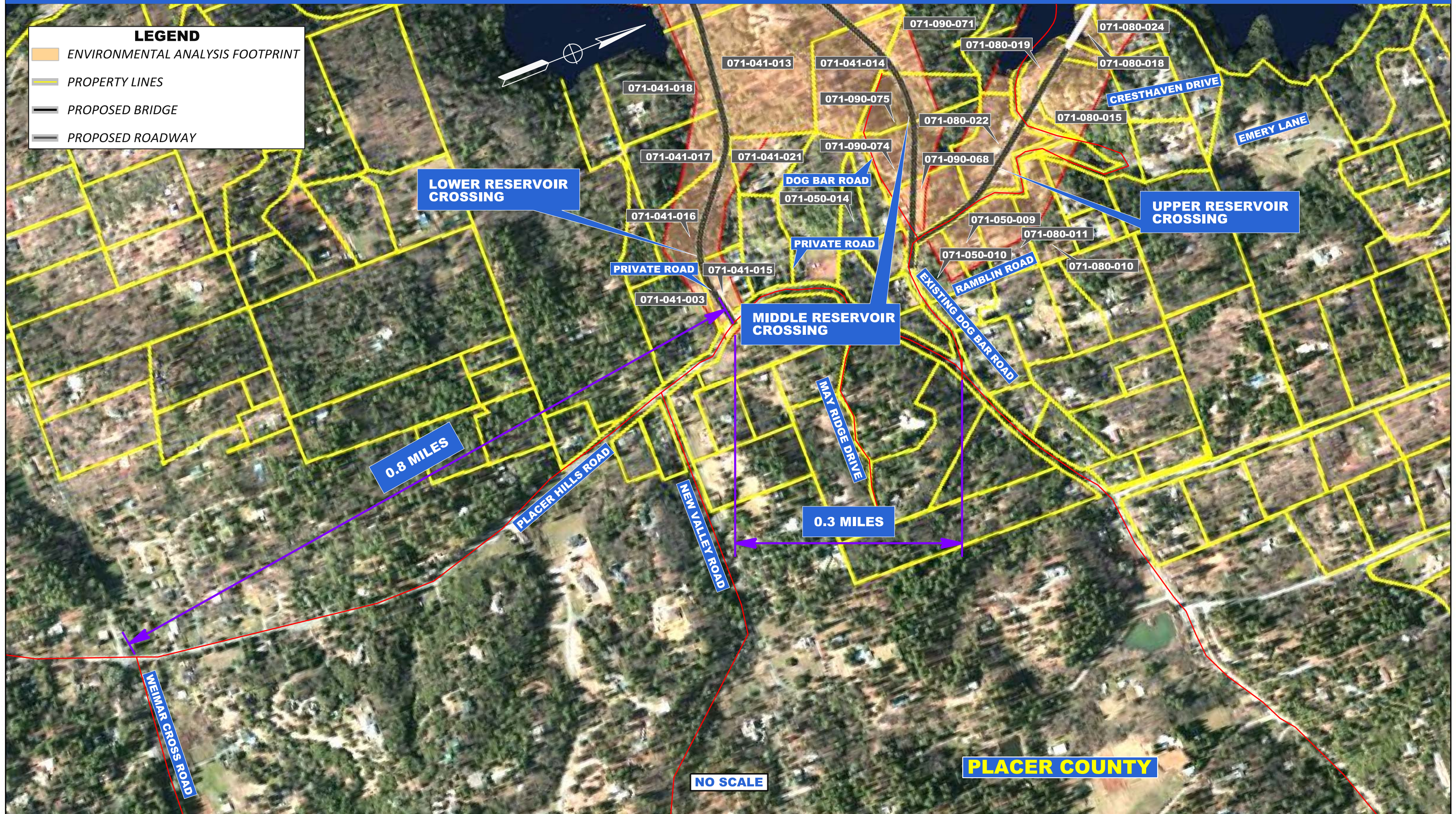






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