

PUBLIC NOTICE

**US Army Corps
of Engineers®**

APPLICATION FOR PERMIT

Public Notice/Application No.: 2001-01027-SDM

Comment Period: October 7, 2004 through November 6, 2004

Applicant

Maricopa County Department of Transportation
ATTN: Mr. Sami Ayoub
2901 W. Durango Street
Phoenix, Arizona 85009

Point of Contact

Maricopa County Department of Transportation
ATTN: Joe Pinto
2901 W. Durango Street
Phoenix, Arizona 85009
(602) 506-8068

Location

At the proposed realignment of El Mirage Road in the McMicken Dam Outlet Channel, tributary to the Agua Fria River, at (Sections 11, 13, 14, 24, 25, and 36, T4N, R1W), Peoria, Maricopa County, Arizona. (Hydrologic Unit Code 15070102)

Activity

To discharge dredged and/or fill material into 3.24 acres of the McMicken Dam Outlet Channel in order to realign, widen and extend El Mirage Road from Bell Road to Loop 303. For more information, see page 3 of this notice and attached drawings.

Interested parties are hereby notified that an application has been received for a Department of the Army permit for the activity described herein and shown on the attached drawing(s). Interested parties are invited to provide their views on the proposed work, which will become a part of the record and will be considered in the decision. This permit application will be issued or denied under Section 404 of the Clean Water Act (33 U.S.C. 1344).

Comments can be e-mailed to sallie.mcguire@usace.army.mil or mailed to:

U. S. Army Corps of Engineers
ATTENTION: Regulatory Branch (2001-01027-SDM)
3636 North Central Avenue, Suite 900
Phoenix, Arizona 85012-1939

Evaluation Factors

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof. Factors that will be considered include conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people. In addition, if the proposal would discharge dredged or fill material, the evaluation of the activity will include application of the EPA Guidelines (40 CFR 230) as required by Section 404 (b)(1) of the Clean Water Act.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Preliminary Review of Selected Factors

EIS Determination- A preliminary determination has been made that an environmental impact statement is not required for the proposed work.

Water Quality- The applicant will be required to obtain water quality certification, under Section 401 of the Clean Water Act, from the Arizona Department of Environmental Quality and/or the U.S. Environmental Protection Agency. For any proposed activity on Tribal land that is subject to Section 404 jurisdiction, the applicant will be required to obtain water quality certification from the U.S. Environmental Protection Agency. For any proposed activity on land other than Tribal land that is subject to Section 404 jurisdiction, the applicant will be required to obtain water quality certification from the Arizona Department of Environmental Quality. Section 401 of the Clean Water Act requires that any applicant for an individual Section 404 permit provide proof of water quality certification to the Corps of Engineers.

Cultural Resources- The latest version of the National Register of Historic Places has been consulted and this site is not listed. This review constitutes the extent of cultural resources investigations by the District Engineer, and he is otherwise unaware of the presence of such resources.

Endangered Species- Preliminary determinations indicate that the proposed activity would not affect federally-listed endangered or threatened species, or their critical habitat. Therefore, formal consultation under Section 7 of the Endangered Species Act does not appear to be required at this time.

Public Hearing- Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearing shall state with particularity the reasons for holding a public hearing.

Proposed Activity for Which a Permit is Required

To discharge dredged and/or fill material into 3.24 acres of the McMicken Dam Outlet Channel in order to realign, widen to four lanes and extend El Mirage Road from Bell Road to Loop 303, including two crossings of the outlet channel. Proposed activities include constructing cement stabilized alluvium spur dikes at the first (southern) crossing of the McMicken Dam Outlet Channel for bank protection. Two new 4-span AASHTO (American Association of State Highway and Transportation Officials) Type IV modified precast concrete girder bridges consisting of five girders and three piers with one 8-foot drilled shaft at each pier would be constructed for the first crossing. At the second (northern) crossing, located north of the Deer Valley Road alignment, cement stabilized alluvium spur dikes will be constructed on both banks for stabilization. The second crossing will be two new single span AASHTO Type IV modified precast concrete girder bridges consisting of six girders and no piers or drilled shafts.

There are no wetlands or special aquatic sites located within the project area. Dominant vegetation in the area includes creosote bush, white bursage, saltbush and mesquite. The first crossing will result in 0.50 acre of permanent disturbance and 1.7 acres of temporary disturbance. The second crossing will result in 0.14 acre of permanent impact and 0.90 acre temporary impact. Total permanent impact proposed is 0.64 acre; total temporary disturbance proposed is 2.6 acres.

Additional Project Information

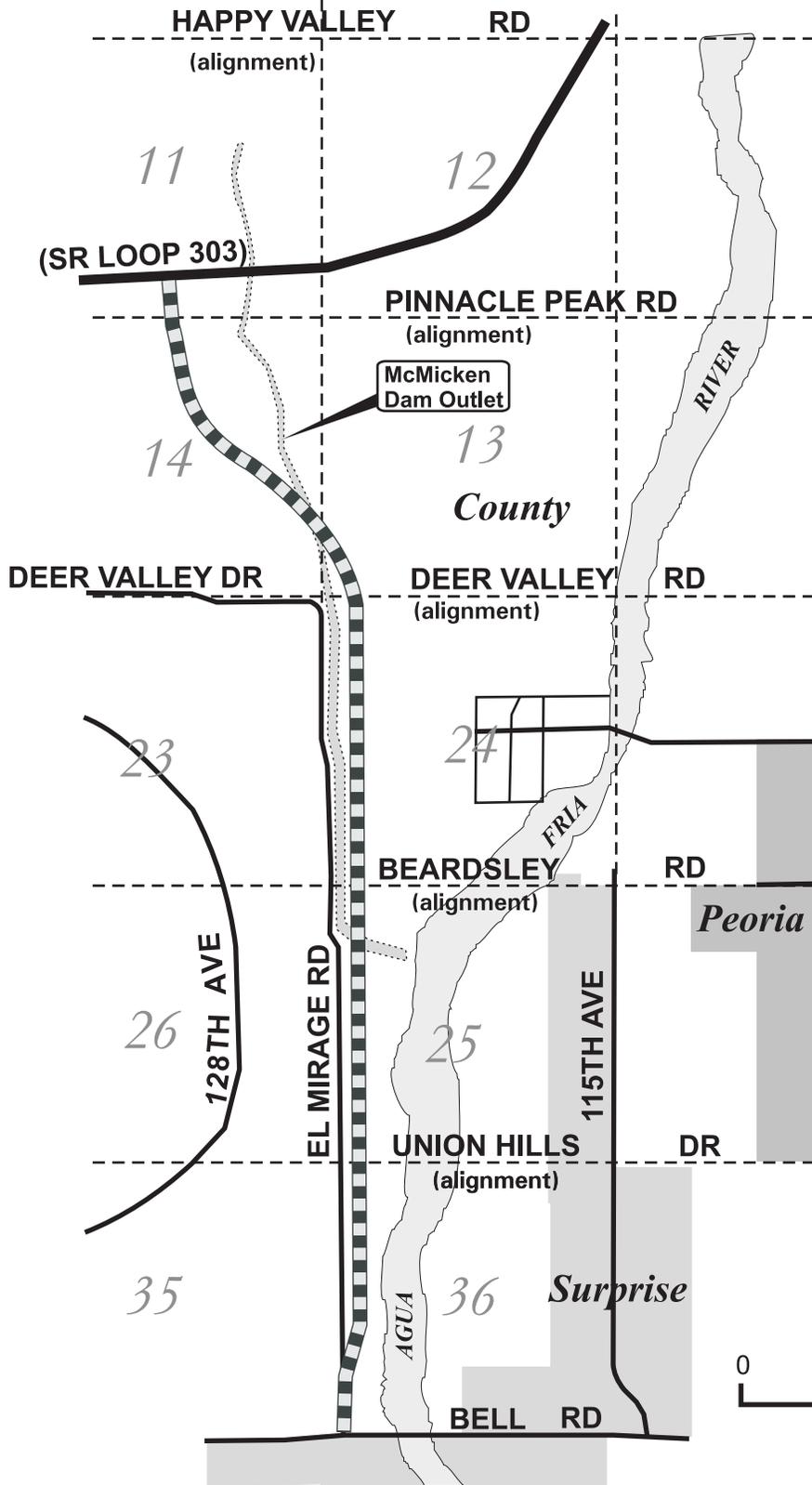
The overall project purpose is to provide additional transportation capacity along El Mirage Road. Twenty-year projections indicate a need for additional capacity in the project area. The basic project purpose is transportation, which is not water dependent.

Proposed Special Conditions

To be developed.

For additional information please call Sallie D. McGuire at (602) 640-5385 x 221. This public notice is issued by the Chief, Regulatory Branch.

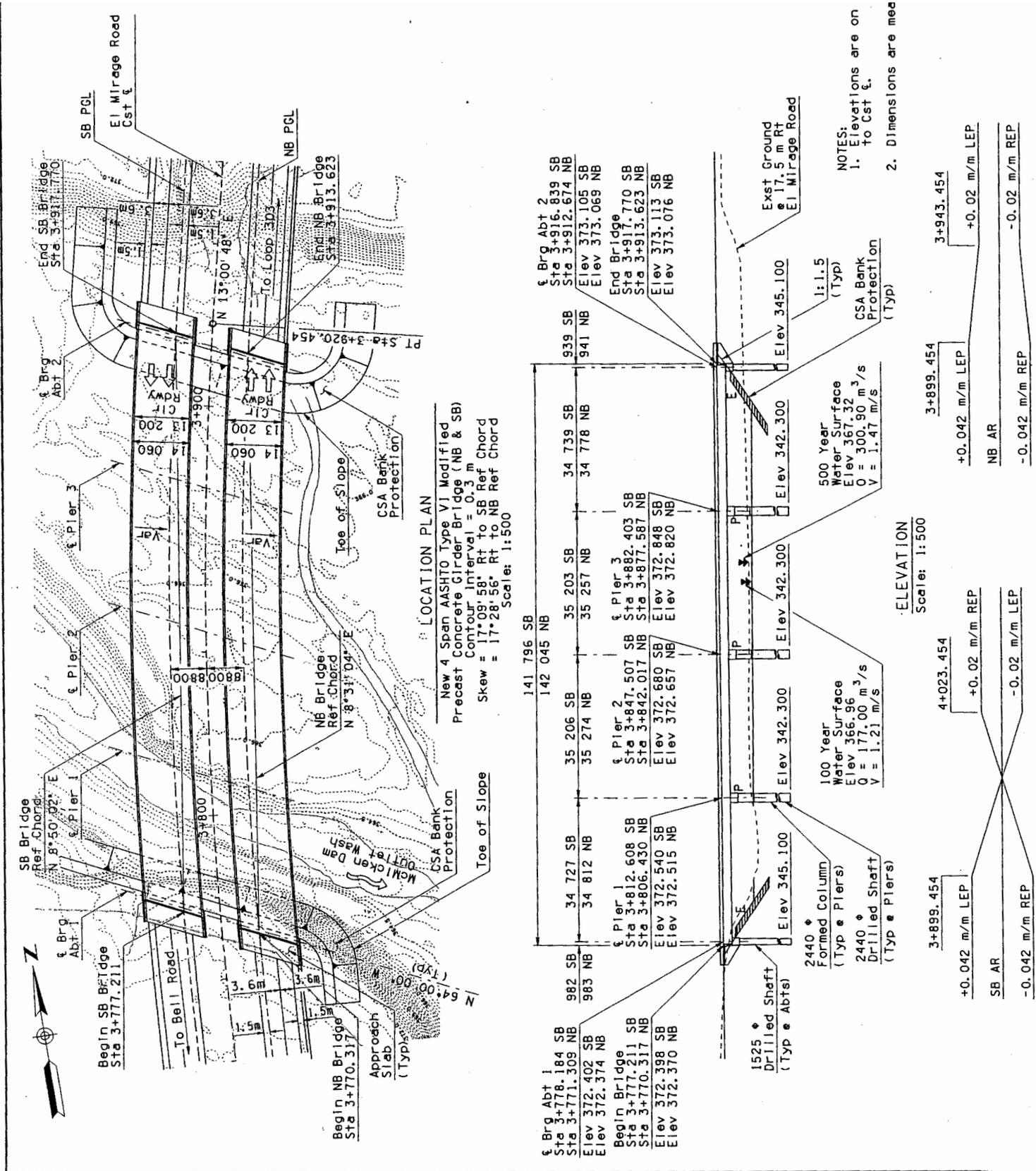
VICINITY MAP



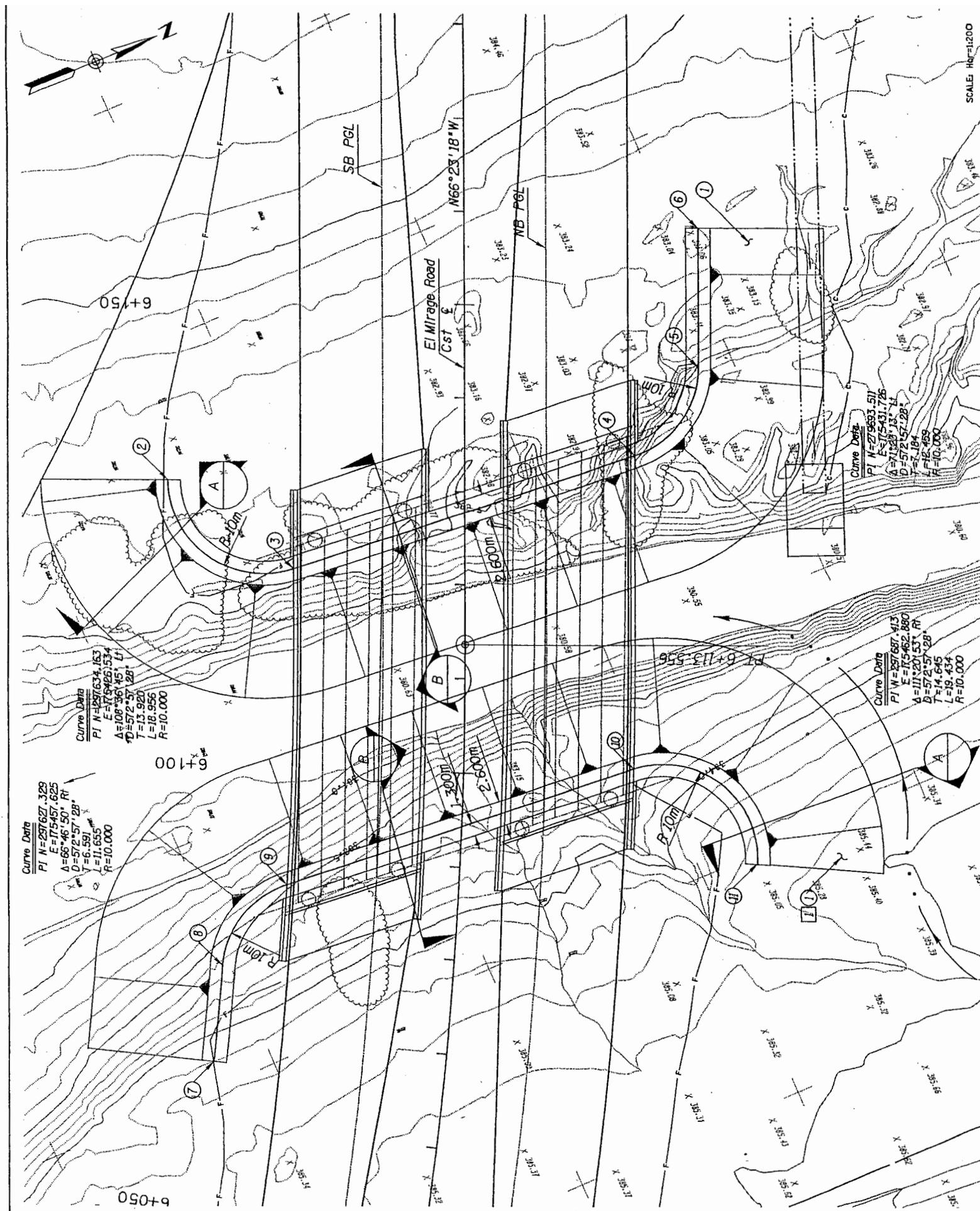
LEGEND

 Project Limits





EL MIRAGE ROAD SUPERELEVATION DIAGRAM



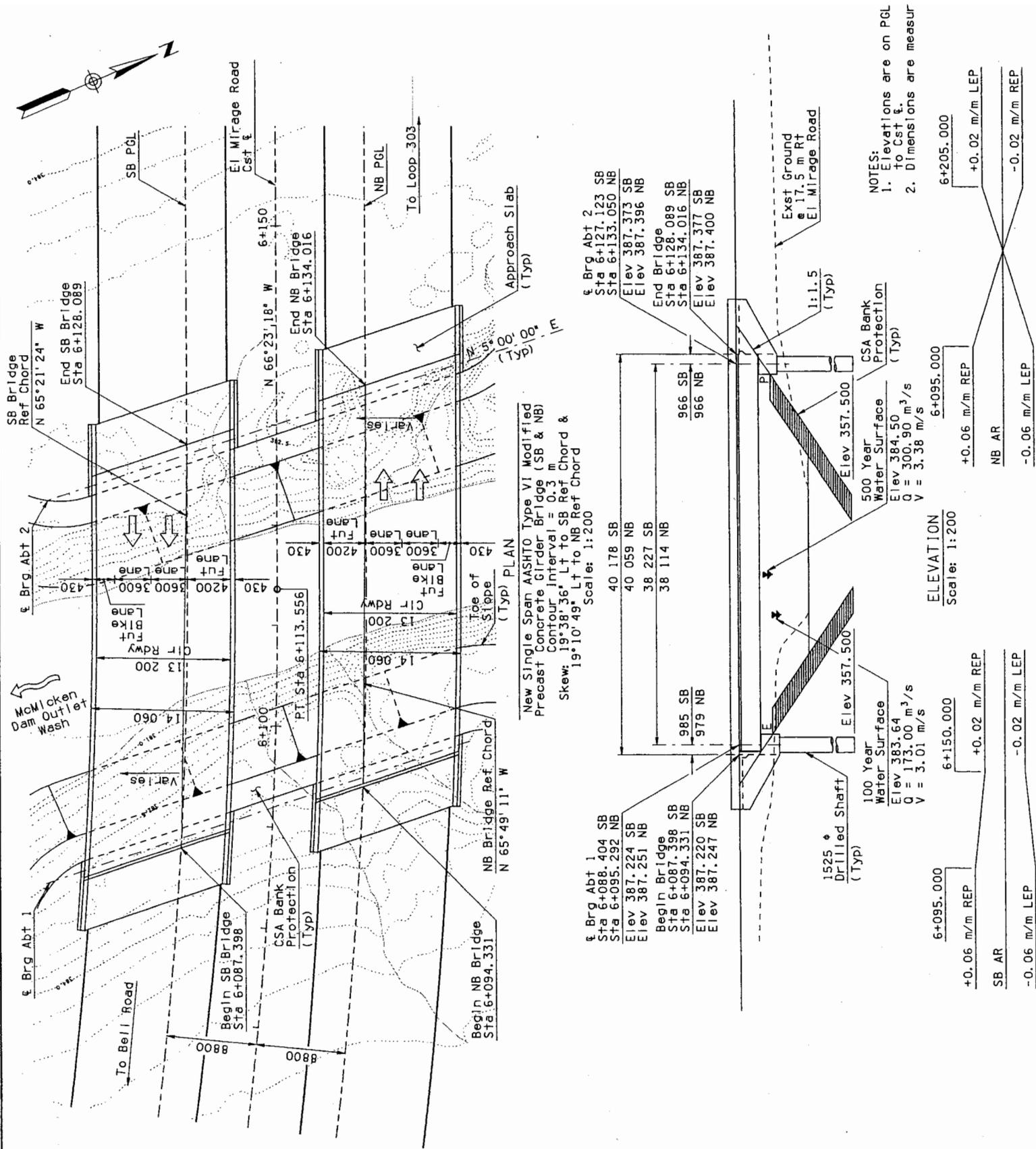
Curve Data
 PI N=297627.329
 E=175457.625
 A=66°46'50" RT
 D=572'57" 28"
 T=6.591
 L=11.655
 R=10.000

Curve Data
 PI N=297634.163
 E=175466.534
 A=108°36'45" LT
 D=572'57" 28"
 T=13.320
 L=18.956
 R=10.000

Curve Data
 PI W=297687.413
 E=175462.880
 A=111°20'53" RT
 D=572'57" 28"
 T=14.645
 L=19.434
 R=10.000

Curve Data
 PI N=279693.511
 E=175431.726
 A=71°28'18" LT
 D=572'57" 28"
 T=5.184
 L=10.469
 R=10.000

SCALE: H=1:200



ELEVATION
 Scale: 1:200

6+095.000	+0.06 m/m REP	6+150.000	+0.02 m/m REP
SB AR	-0.06 m/m LEP	NB AR	-0.06 m/m LEP
6+205.000	+0.02 m/m LEP		-0.02 m/m REP

CSA Bank Protection
 500 Year Water Surface
 Elev 384.50
 $Q = 300.90 \text{ m}^3/\text{s}$
 $V = 3.38 \text{ m/s}$

CSA Bank Protection
 100 Year Water Surface
 Elev 383.64
 $Q = 173.00 \text{ m}^3/\text{s}$
 $V = 3.01 \text{ m/s}$

Notes:
 1. Elevations are on PGL to Cst. t.
 2. Dimensions are measured on PGL

Approach Slab
 (Typ)

Exst Ground
 Elev 17.5 m Rt
 El Mirage Road

1:1.5
 (Typ)

1525 Drilled Shaft
 (Typ)

McMicken Dam Outlet Wash

To Bell Road

To Loop 303

El Mirage Road Cst t

New Single Span AASHTO Type VI Modified Precast Concrete Girder Bridge (SB & NB)
 Skew: 19°38'36" Lt to SB Ref Chord & 19°10'49" Lt to NB Ref Chord
 Scale: 1:200