
KENNEWICK IRRIGATION DISTRICT

PROCEDURE #6 ENSURING STANDARDS OF PRIVATE FACILITIES CROSSING DISTRICT PROPERTY

1. Privately Owned Crossings Meet Industry Standards

Privately owned crossings of District canals and drains will be designed using sound engineering practices and be constructed to meet the standards of the industry for bridges and culverts.

2. Professional Engineer Shall Design the Crossing

A professional engineer (PE) licensed by the State of Washington shall design the crossing. The District shall review and approve plans for hydraulic and District operational impacts only.

3. Engineering Department Shall Approve Drawings

All drawings shall be stamped by the licensed professional engineer prior to approval by the District. Complete drawings shall be provided for the proposed project and shall be neat, legible and detail all dimensions, materials and construction standards. Drawings shall be provided on 24" x 36" sheets. Approval of Drawings by the District shall not be construed as approval of the structural integrity of the crossing.

4. Board of Directors Approves the Request

Board of Directors shall approve the permit upon submission from the Engineering Department. No construction activities shall take place within the District right-of-way until Board approval. Construction activities which, in the opinion of the District, may delay, interfere or endanger canal operation will not be approved.

5. Surveying Shall be Required

Surveying necessary to prepare construction drawings may take place prior to permit approval. Permittee shall provide surveying necessary to ensure the crossing is installed to original canal invert elevation. Washington State licensed surveyors must be used to perform the required survey.

6. **An Approved, Licensed Contractor Shall Perform All Construction Work**

A Washington State licensed Contractor approved by the District shall perform all construction work. The Contractor shall provide a performance bond in an amount equal to the cost of the work and acceptable to the District. The Contractor shall provide a Certificate of Insurance with the following minimum coverage:

Bodily Injury:	1 million dollars per person
	1 million dollars per occurrence
Property Damage:	1 million dollars per occurrence

The Certificate of Insurance shall show the District as additional insured. Contractors not familiar to the District may be required to provide references. The District retains the right to disapprove any Contractor.

7. **An Independent Laboratory Shall Perform construction Testing**

The permittee will be required to hire an independent laboratory to perform any construction testing required by the District. The costs incurred to perform the testing shall be the responsibility of the permittee. Examples of construction testing which may be required by the District include: backfill compaction and concrete strength, slump and air entrainment.

8. **Permittee Shall Pay Required Fees**

The fee for an approved permit is \$25.00. Inspection fees may also be required. An inspection fee will be based on the District Engineers estimate of the time required to inspect the complete project. The permittee will be required to deposit the estimated inspection fee with the District when the permit is submitted. Should the permit be rejected, the inspection fee will be returned to the permittee. Following completion of those projects with approved permits, the permittee will be refunded or billed the difference between the estimated and actual inspection costs.

9. **Permission From Adjacent Owners May Be Required**

If the District determines permission of the adjacent owners is required, applicant must secure written permission prior to Board consideration.

10. **Crossings Require USBR Approval**

All bridge crossings, whether public or private, require approval by the United States Bureau of Reclamation who may charge a review/approval fee.



PROCEDURE #6	REV. # 0
BOARD APPROVED DATE <u>SEPTEMBER 5,</u>	
<u>1989</u>	
BOARD PRESIDENT-SIGNATURE	
REVISION DATE	