

**TUMALO IRRIGATION DISTRICT
64697 COOK AVENUE
BEND, OREGON 97701**

**APPLICATION FOR CULVERT, BRIDGE CROSSING
OR UTILITY/PIPE CROSSING ON SECONDARY CANALS**

Date:

Name:

Address:

Phone Number (Day)

Legal Description: Township____ Range____ Section__Qtr/Qtr_____ Tax Lot_____

Canal: _____

This application is for a bridge, culvert, utility/pipe crossing. **CHECK ONE**

Description of work: (Attach separate sheet if needed) _____

Estimated date of completion: _____

Sketch out diagram below:



General District Requirements – Application must be completed and signed before construction is to begin. The locations of construction should be clearly marked so that district employees can find the site for inspection. All disturbed canal banks must be fully compacted and shaped to insure uninterrupted, fluctuating flows of irrigation water upon job completion. Failure to adequately compact your backfill could lead to canal failure, the cost of which will be born by the permit holder.

District Requirements for Bridges – The minimum clearance between the bottom of a bridge and the high water line shall be not less than 16” with a clear span from both sides of the canal. Due to the variety of canal sizes, final bridges requirements are done on a per request basis and must include engineered plans stamped by an Oregon licensed engineer..

District Requirements for Culverts – Culverts must be installed as to maintain flow, minimize hazard of washouts, and involve the minimum burden to the District operation and maintenance of the waterway. Single culverts will be sized by district personal, no double culverts are allowed. **It is the responsibility of the water user to remove debris obstructed by addition of a culvert for a distance of the length of the culvert on the up stream and down stream ends of the culvert. Owners failing to clean and maintain their culverts will be subject to the cost of \$30 per cleaning for each occurrence**

District Requirements for Pipe / Utility crossings - All water line crossings must be buried not less than three (3) feet below the bottom of the canal. Pipelines should be incased in steel pipe at least 10 feet past the outside banks of the canal. Wire or plastic mesh must also be buried approximately one foot above the steel casing.

All Utility crossings must be buried not less than three (3) feet below the bottom of the canal in conduit. The conduit must be incased in steel pipe at least 10 feet past the outside banks of the canal with a wire or plastic mesh buried approximately one foot above the steel casing.

Additional District Requirements on proposed construction:

A permit fee is required before construction begins on all canal crossings. The District will refund \$75.00 of your permit costs after a successful inspection by District personnel. Permit fees are based on the canal easement being crossed and are as follows for 2011; 15/30 easement - \$438.00, 25/50 easement - \$623.00, and 50/100 easement - \$1379.00

District Comments;

Field Approval _____ Date _____

Deposit Received by _____ Date _____

Satisfactory completion of job _____ Date _____