

SOUTH FIELD IRRIGATION COMPANY

**APPLICATION FOR MODIFICATION TO CANAL
(PLACING IN PIPE, BOX CULVERT OR CHANGE IN ALIGNMENT)
OR UTILITY CROSSING**

Instructions and Application for Agreement
to Construct within Canal Right-of-Way

1. Company Name or Name of Applicant for Encroachment Agreement: _____

(Note: For a Utility Crossing, Applicant must be a legal governmental entity or a utility that will be responsible for the maintenance and care of the utility. In the case of canal modifications, Applicant may be individuals or other organizations as long as binding easement agreement, transferable to all future property owners, will be established between the Applicant and the Irrigation Company.)

2. Mailing Address of Applicant: _____

3. Contact Person: _____

4. Address of Contact Person: _____

5. Telephone Number of Contact Person: _____

6. Brief Description of Proposed Construction (include location): _____

7. Legal Description of Proposed Construction: _____

8. Attach three (3) copies of plans/design drawings for the proposed construction. Plans shall include:
- a. Site plan showing canal structures and location using street numbering or survey data.
 - b. Cross section showing elevation of existing canal, excavated grades, finished grades, and proposed water conveyance facility.
 - c. The location of proposed water conveyance facility, any permanent structures or existing utilities in relation to canal or proposed water conveyance facility.
 - d. Minimum compaction for embankment reconstruction (95% Standard Proctor).
 - e. The layback slopes of any embankment cut (minimum of 2:1) unless canal lining is provided with the calculated top width of trench included.

- f. Provisions for reconstruction or modifications of O&M road to include fencing, or trash removal areas associated with the access road.
 - g. A description of construction method and sequence.
 - h. Proposed date for start and completion of construction (for open excavation of the canal, start must be after October 31 and completion must be before April 1 to avoid interference with water delivery).
 - i. For pipelines—specifications for pipe, bedding, and carrier pipe. Carrier pipe required unless approval granted for alternative.
 - j. For box culverts, pipe, or culvert pipes—wing wall designs and hydraulic computation of design capacity. The capacity shall be equal to or greater than the sum of the flood control design and the canal delivery needs as provided by the Irrigation Company Engineer. Designs shall include provisions for an inlet structure which handles overflow drainage due to plugged pipe or culvert conditions and trash and floating debris. The box culvert or pipe must incorporate features for clean out access of trapped silt or debris.
 - k. Description of additional agreements which may be required by city, county, or State agencies.
9. An estimate of the construction costs of modifications being proposed.
10. For all encroachments, canal crossings, or canal modifications, attach a check for 10% of the estimated construction costs or \$4,500, whichever is greater. For a major modification, one that involves a complete realignment of the canal, piping of the canal, or a major structure, the Applicant may submit the minimum \$4,500 fee for a preliminary consultation. This will allow the Applicant to meet and discuss the proposed project with the Irrigation Company and its Engineer before any final design work is completed. If the project continues on from that point, and the application fee required exceeds \$4,500, the difference shall be submitted. The application fee will be used by the Irrigation Company for purposes of administration, coordination, review, preparation of agreements, review during construction, and any other expenses it incurs related to this application. If the submitted application fee is less than the expenses explained above, the Applicant will be responsible to reimburse the Irrigation Company for the remainder of the expenses.

Please make all checks payable to: **South Field Irrigation Company.**

11. Mail this application, plans, and application fee to the Irrigation Company Engineer:

Franson Civil Engineers
1276 South 820 East, Suite 100
American Fork, UT 84003
Telephone: (801) 756-0309

12. Review and Approval Process (1 to 4 weeks from receipt of final drawings):

- a. The Irrigation Company Engineer will date receipt of application and will review the plans/drawings for technical feasibility and impact to the canal.

- b. The Irrigation Company Engineer will forward two sets of plans/drawings, his review comments, and any "Special Provisions" in the agreement to the Applicant for signature. The Applicant will sign three original agreements and mail them to:

Franson Civil Engineers
1276 South 820 East, Suite 100
American Fork, UT 84003

- c. The Irrigation Company president will sign the agreements. A signed agreement will be returned to the Applicant. Receipt of the agreement authorizes the Applicant to proceed with construction in accordance with the provisions of the agreement.

13. The following person(s) are available for consultation:

Neil Anderson	(801) 798-7679	President, South Field Irrigation Company
Todd Adams	(801) 756-0309	Franson Civil Engineers

NOTE:

1. **A performance bond in the amount of one hundred (100) percent of the total estimated project costs is required. The purpose of the bond is to provide funds for restoration of Project Works if the Applicant's works are not completed in accordance with the Encroachment Agreement. Sixty (60) percent of the performance bond will be released upon satisfactory completion of the Applicant's works and after water has been turned into the ditch or canal if no problems develop with the facilities. Forty (40) percent will be released one calendar year after the project is finished if no problems develop with the facilities. A ten (10) percent cashier's check must also be submitted and is retained by the Irrigation Company for operation and maintenance of the project works.**
2. **Starting construction without prior written approval from the Irrigation Company will result in the Irrigation Company assessing an additional approval fee of \$5,000 for the Encroachment Agreement.**