## SOUTH KAMAS 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. Name of Applicant: _____
   *(Note: Applicant must be a legal governmental entity or a utility. Developers or individuals are not eligible for an encroachment agreement.)*

2. Address: _____
   _____
   _____
   _____

3. Contact Person: _____

4. Telephone Number of Contact Person: _____

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

6. Attach three (3) copies of plans/design drawings for the proposed construction. Plans shall include (not all items are applicable for every crossing. Please discuss with company engineer on which items must be included):
   a. A site plan showing canal structures and location using street numbering or survey data.
   b. A cross section showing elevation of existing canal, excavated grades, finished grades and proposed facility.
   c. The location of proposed facility, any permanent structures or existing utilities in relation to canal and toe of canal embankment.
   d. Minimum compaction for embankment reconstruction (95% Standard Proctor).
   e. Minimum layback slopes of 2:1 on each side of trench through embankment.
   f. Slope protection lining (synthetic material of impermeable clay soil) along section of replaced embankment material.
   g. Blank conduits as required by canal company engineer. Blank conduits are for future utility crossings and require a new application and fee upon use. The length of all conduits shall extend 20 feet from the canal bank or to the edge of the canal right-of-way border, whichever distance is greater. The length of all conduits is measured perpendicular from the canal bank.
   h. For pipelines–specifications for pipe and carrier pipe. Carrier pipe required unless approval granted for alternative. A welded steel encasement pipe is required for all buried utilities. The length of all casings shall extend 20 feet from the canal bank or to the edge of the

canal right-of-way border, whichever distance is greater. The length of all casings is measured perpendicular from the canal bank.

i. For box culverts 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 company engineer. Designs shall include provisions for seepage cutoff for culvert bridge. 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 and shall be a minimum of six (6) feet high, unless otherwise approved by canal company engineer. Designs must also include the location of all utilities to be installed concurrently with bridge or culvert.
j. Provide structural design information which will verify that the structure will perform satisfactorily under appropriate traffic loading.
k. Designs shall include provisions for seepage cutoff from canal to utility crossing.
l. Provisions for reconstruction or modifications to O&M road. To avoid disruption of canal operation, gates to O&M road should not be specified or installed.
m. A driveway approach shall be provided in sidewalks and curbs in line with O&M road
n. A description of construction method and sequence including a proposed date for start and completion of construction (work must be performed after October 31 and before April 1 since it cannot interfere with water delivery).
o. Description of additional agreements which may be required by city, county or State agencies.
p. Provide engineers estimate of construction costs pertaining to canal modifications.

7. Attach a check for $3,500 or 10% of the estimated construction cost, whichever is greater. $500 of this fee is refundable upon satisfactory and timely completion of the project. This check, for application review and inspection, should be made payable to: **South Kamas Irrigation Company.** The deadline for receipt of the application is February 15. Any applications received after the February 15 deadline must wait to begin construction until after the conclusion of the irrigation season of the same calendar year.

8. Mail this application, plans, and application fee to the company engineer:

   Hansen, Allen & Luce, Inc.
   Orem Office – c/o Brian Andrew
   287 East 950 South
   Orem, Utah 84058
   Telephone: (801) 404-5336
   Fax: (801) 404-5337

9. Review and Approval Process (1 to 4 weeks):
   a. The company engineer will date receipt of application and will review the plans/drawings for technical feasibility and impact to the canal.
   b. The company engineer will forward three sets of plans/drawings, his review comments, and any "Special Provisions" for the agreement to the company attorney.
   c. The company attorney will prepare an agreement incorporating the plans/drawings, engineer's review comments, and Special Provisions. The agreement will be mailed to the applicant's address (item 2 above) unless otherwise instructed.
   d. The applicant shall sign three original agreements and mail both to:

Mr. Tyler Page
President, South Kamas Irrigation Company
485 East 400 South
Kamas, Utah 84036

e. The company president will sign all original agreements and will return one to the applicant. Receipt of the agreement authorizes the applicant to proceed with construction in accordance with the provisions of the agreement.

10. The following Company Trustees are available for consultation:

| **Trustee** | **Telephone** | **Area of Responsibility** |
|---|---|---|
| Deloy Bisel | (435) 783-4869 | Trustee |
| Shane Bushell | (435) 640-5302 | Trustee |
| Bill Miles | (435) 783-2493 | Trustee |
| Earl McNeil | (435) 513-4571 | Water Master |

_____
Signature of Applicant