

ATTACHMENT A
PROJECT DESCRIPTION

SILVER LAKE DAM REPAIR

The St. Regis Corporation owns the Silver Lake Dam located at the outlet of Silver Lake in Bucksport, Maine. The dam is an earthen dam with a concrete core wall and concrete spillway section. St. Regis owns the shoreline of Silver Lake and the area immediately downstream.

St. Regis plans to repair the Silver Lake dam as follows:

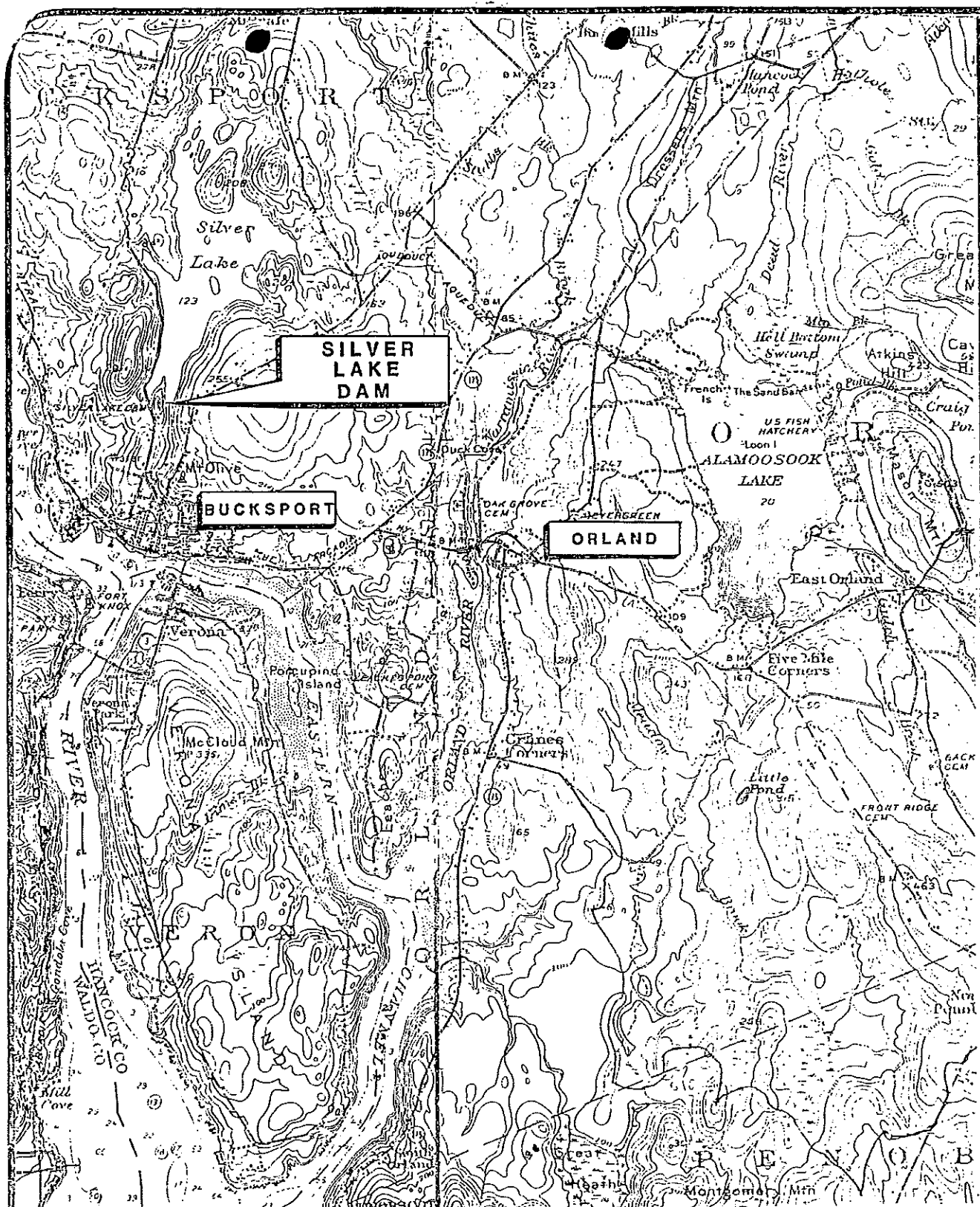
- 1) Place a sediment shield upstream of the work area to prevent sediment transport to the Bucksport water supply.
- 2) Place and dewater a 350-foot long cofferdam upstream of the spillway, and repair or replace concrete as needed on the spillway, training walls, retaining walls, and pedestrian walkway. Estimated quantities: concrete 115 cu. yds., cofferdam 3,500 cu. yds.
- 3) Excavate dam embankment and extend depth of concrete cutoff wall. Estimated quantity: 35 cu. yds. concrete.
- 4) Extend upstream riprap protection to top of dam embankment. Estimated quantity: 225 cu. yds. riprap.
- 5) Repair road on crest of dam.

6) Place new drain at downstream toe of dam.

7) Repair downstream spillway face.

The cofferdam will be an earthen structure with adequate width to provide for truck access to both dam embankments. An impervious plastic sheet or "curtain" will be suspended in the lake from booms or floats to prevent sediment transport to the Bucksport domestic water intake, located nearby. This will localize the effects of cofferdam placement and removal. It will also act as a settling basin for dewatering of the cofferdam and for runoff from construction and traffic areas. Haybale dikes will be placed around disturbed areas on the downstream embankment. All disturbed areas will be stabilized by applying riprap or by loaming and seeding after construction.

It is anticipated that work will begin in August, 1984 and will extend into November.



ATTACHMENT B

ST.REGIS CORPORATION

PROJECT LOCATION MAP

REPAIRS TO SILVER LAKE DAM