

**PROJECT NAME:****On-Mountain Snowmaking Water Impoundment****APPROVAL/SUPPORT**

- ROD page 11 and Figure ROD-3

**DOCUMENTATION:**

- Final EIS Page 2-6, Figure 2-2, and Appendix A

- 2003 Geotechnical Report for Proposed Snowmaking Pond Site  
(Myers Design Engineering, Inc.)**MDP REFERENCE:**

Pages 39 &amp; 40, Figure V-1

**PROJECT CONSTRUCTION****AUTHORIZATION:**


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 Initial/Date
**PROJECT DESCRIPTION:**

A 10-million gallon snowmaking water impoundment was approved to be constructed just below (and to the south of) the ridgeline along the southern edge of the SUP area – near the top terminal of the existing Sunset Chairlift. Dimensions of the water impoundment are: approximately 39 acre feet in maximum storage volume, an approximate depth of 35 feet (floor to crest) and approximately 2 acres in surface area. Necessary pumps and a compressor are approved to be installed within a primary pumphouse building to be located near the impoundment. The snowmaking control building will either be located near the existing maintenance facility or in the primary pumphouse.

In order to construct and maintain the snowmaking water impoundment, Arizona Snowbowl requires permanent access to the facility. This will be achieved by using a portion of an existing, although infrequently used, two-track road between the maintenance area and the top of the Sunset Chairlift. After raising it to the Forest Service maintenance level II road standard, approximately 3,650 feet of the existing two-track road will be used in order to accommodate construction and maintenance equipment with adequate drainage and surfacing as needed. However, an approximate 1,100-foot spur of new road will be constructed between the existing maintenance road that traverses Sunset Boulevard (trail #10) and Southern Belle (trail #9) and the upgraded impoundment access road. In total, the road length will be approximately 4,760 feet. However, with the road construction and reconstruction, a 3,050-foot segment of the existing two-track road will be obliterated and reclaimed.

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