

Roosevelt Park Improvements – Phase 3

11-6-19 SDCL Review

October 24, 2007

The proposed improvements at Roosevelt Park will enhance usability of the park for events and outings, provide better pedestrian circulation throughout the park, promote safety and security for park and bike path users, and improve water quality in Roosevelt Pond. Specific improvements consist of the following items.

EVENTS AND FESTIVALS AREA:

With minimal new development, an existing level, undeveloped area (approximately 1.35 acres) located between the ice arena and aquatic center will be suitable for hosting special events and festivals. The plan calls for a structure (see photo below) to provide shade and shelter, a crushed stone pathway (similar to the pathway in the Demonstration Garden area of the park), soil amendment, lawn renovation, and irrigation. The proposed shade structure is approximately 95' x 95' and consists of UV stabilized, flame retardant, high density polyethylene fabric supported by steel posts. Existing drop-off lane to the east, service drive to the west, parking (167 spaces at ice arena and 253 at aquatic center), and exterior lighting will conveniently and adequately support events attended by large numbers of people.



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PICNIC SHELTER AREA:

A simple structure for sheltered picnicking is located just south of the playground. The 24' hexagonal shelter situated on a concrete pad consists of a steel roof supported by steel columns (see photo below). Other improvements include an asphalt-paved parking area (18 spaces) on the west side of the ice arena, 8' width concrete walkways, a pedestrian bridge over the wetland area to provide better linkage to the south portion of the park, walkway lighting, soil amendment, turf renovation, irrigation, and trees. In addition to improving pedestrian circulation, the bridge will allow up-close observation of plants and animals inhabiting the wetland.



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ROOSEVELT POND AREA:

Additional lighting is proposed along the bike path and walkways in the vicinity of the pond (see site plan). The arm-mounted luminaries match lighting installed during previous phases of improvements at Roosevelt Park. The lighting is located within the 100-year floodway, but requested by Rapid City Common Council to provide safer nighttime conditions at Roosevelt Park.

Aerators will oxygenate the pond's water to support aerobic digestion of excess nutrients and algal growth, thus improving water quality. Two-tiered aerators as pictured below are proposed.



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