

## PMPC MUNICIPAL PROJECTS

**Name:** Bridge Avenue Reconstruction

**Client:** Town of Saratoga

**Location:** Saratoga, Wyoming

**Status:** Completed 1998

### Project Description:

Bridge Avenue runs through the business district in the downtown area of Saratoga. The existing asphalt and curb and gutter were in poor condition. Some businesses had boardwalks for sidewalks that were not ADA accessible.

There were several components to this project. Not only was the existing pavement removed and new asphalt placed, the sidewalks, curb and gutter, entrances to businesses including stairs where needed and the existing water lines were replaced. A decorative sidewalk and decorative lighting were included in the improvements. ADA accessible sidewalks and ramps were installed.

The funding scheme for this project was complex. There were many contributors including the State Land and Investment Board, the Town of Saratoga, the Saratoga Joint Powers Board and the individual land owners along Bridge Avenue that were impacted by the improvements.

A unique component to this project addressed the problem of persistent ice on the sidewalk on the south side of the street during the winter months due to lack of sun exposure. A heated sidewalk was designed and constructed as part of this project. Hot water is pumped from the local mineral springs to a heat exchanger. The heat is transferred to a grid system of propylene glycol underneath the sidewalk to provide a heated surface. This was a success and there is very seldom snow or ice on the sidewalk and no need to shovel.

