



STORMWATER ACTION CENTER FACT SHEET

Name of Project:

Main Street Square

Location:

Rapid City, South Dakota

County:

Pennington County

Watershed:

Rapid Creek Watershed

Website:

www.landscapeperformance.org/case-study-briefs/main-street-square

MAIN STREET SQUARE – RAPID CITY, SOUTH DAKOTA

OVERVIEW:

Main Street Square is a year-round destination with outdoor concerts, festivals, a winter ice rink, and markets in downtown Rapid City, South Dakota. Formerly a 1-acre asphalt parking lot, this lively plaza showcases the art and culture of the Black Hills region, with shade trees, rain gardens, and seating, while providing a safer and more comfortable downtown environment.

BENEFITS:

- Manages 50% of annual rainfall on-site with rain gardens and infiltration basins.
- Reduces ground-level air temperatures in the sun by 2°-6° F compared to a nearby parking lot that resembles the square prior to redevelopment.

FUNDING SOURCES:

- Grant from Bush Foundation.
- In addition, "Entirely privately funded through a small amount of event proceeds, grants and our partners in progress."



-  - Water Storage
-  - Bio-Filtration/Green Infrastructure

