



Rochester, Minn.

Solid VERSA-LOK[®] units save city more than \$60,000

The city of Rochester, Minn., presented the St. Paul District of the U.S. Army Corps of Engineers with a unique challenge: deepen and widen the waterway channel near Soldier's Grove Golf Course. The channel is part of the Rochester Flood Control Project—a 10-stage, \$100 million operation. The course was in danger of losing three greens and one tee box to the eroding banks of the Zumbro River. However, they didn't want to close for the season because of the huge potential revenue loss the city-owned course would incur. The Corps had two options: use concrete cantilever retaining walls or build segmental retaining walls.

After researching the alternatives further, engineers concluded segmental retaining walls would cost the city \$60,000 less than cantilevered walls and allow for quicker, easier installation. So the Corps specified segmental retaining walls and general contractor, Ames Construction Inc., Burnsville, Minn., went to work installing more than 17,000 square feet of VERSA-LOK[®] retaining wall units. Ames' crews completed the serpentine channel by laying riprap along the base of the walls to prevent further erosion.

The Corps, Ames Construction and the city of Rochester were very pleased with the results of the project. Not only did VERSA-LOK systems save the city more than half a million dollars but they also blend well with the surrounding golf course and Zumbro River environments.

Project Profiles provide limited information on specific VERSA-LOK retaining wall installations.

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LOCATION:

Rochester, Minn.

OWNER:

City of Rochester
Rochester, Minn.

DESIGNER:

U.S. Army Corps of Engineers -
St. Paul District
St. Paul, Minn.

CONTRACTOR:

Ames Construction Inc.
Burnsville, Minn.

MANUFACTURER:

VERSA-LOK Midwest
Oakdale, Minn.

SOLUTION:

Standard—straight-face

SQUARE FEET:

17,607


VERSA-LOK[®]
Retaining Wall Systems
Solid Solutions.[™]

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