

Project Profile

Project Name: OPW 5177 - 62nd & Bancroft
Owner: City of Omaha Public Works
Project Location: Omaha, Nebraska
Contractor: Roloff Construction Company Inc.

Install Date: May 2014
Products Used: Flexamat, Straw Wattles

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Anchor trench at the dead end.



Earth anchors used only at geogrid splice area.



Vegetation establishing on the slope and swale.

Project Scope:

The Saddle Creek Sewer Separation project is just one in a number of CSO projects that the City of Omaha is executing over the next 10 years. This particular project involved a new sewer outfall through the Arbor St. right of way near 62nd St. The area between the dead end and Arbor St. lies on a steep slope that was overgrown with trees. The slope was a 1:1 slope about 90' long. During heavy rain events, large amounts of water would pour over the dead end road then over the slope.

Product Benefit:

One option was to build an inlet at the top of the hill and bury a pipe and daylight it at the bottom of the hill. Due to sheer cost it was not feasible. Flexamat was considered to be the obvious choice. Flexamat is a tied concrete block mat tested to handle velocities of 19+ ft/sec and shear stresses of 24+ lbs/SF. With the help of the manufacturers, Motz Enterprises of Cincinnati, OH, a design was drawn using a turf reinforcement mat under the Flexamat and earth anchors to stabilize it. Seed was broadcast under the Flexamat that will grow through the openings of the block.

Conclusion:

"The biggest hurdle we had to jump was the access on the slope and the steepness of the slope," stated Bob Norris, Project Manager of Roloff Construction. "The Flexamat rolls weighed nearly 10,000 lbs. each, so it was tricky. Once we had them in place, the installation was quick. I can definitely see the value in the product and would use it again." The Flexamat is now nearly concealed by the vegetation growth on the slope.

Employee Profile



Meet Dave Greeninger

Branch: Now in St. Louis (Fenton)
Office Phone: 800-869-9600

Please join us in welcoming back Dave Greeninger to the ASP-Fenton location. After working for 10 years in our Kansas City branch, Dave and his wife Kelly decided to move back home. We couldn't be happier for them and for our customers who we know will receive an "improved"

service experience. Dave brings 15 plus years of experience and knowledge to our STL Team. When you call in or stop by, ask to talk to Dave and get to know him. Dave enjoys his family including his 2 sons Chase (11 years old) and Jack (5 years old). Both boys are active in sports and the family enjoys boating as well.

Event Calendar

August 2-6

StormCon

Austin, TX

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September 16-17

Watershed and Stormwater Conference

Columbia, MO

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September 26-30

WEFTEC

Chicago, IL

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