Northwest Missouri State University Covered Bridge

Marysville, Missouri

Parks & Recreation

Project Team Members:

Owner:
Northwest Missouri State University

Engineer:
Snyder & Associates

Contractor:
Loch Sand and Construction

Technical Description:

• Width:	6-ft.
• Span:	120-ft.
• Style:	Connector®
• Finish:	Weathering Steel
• Decking:	Ipe Hardwood
• Installation Date:	June 2005

University officials had tried for several years to find an abandoned historic bridge to span an old railroad located in the heart of the campus. Unable to find a suitable structure, they met with Snyder & Associates who suggested using a prefabricated bridge made of weathering steel. School officials liked the rustic appearance of weathering steel and felt it would compliment the university grounds.

University officials did not want to tempt students to drive over the bridge with their motor vehicles, so the 120' long structure was designed to be only six feet wide. Bob Burnett of Snyder & Associates suggested that the bridge be designed with a pitch roof. The roof would keep the snow off the bridge decking while adding visual appeal to the structure. School officials were thrilled with the idea.

Snyder & Associates contacted Contech for a Continental® Connector® style truss bridge with extended verticals that would accept the 2' x 4' rafters needed for the colored steel roof. Durable Ipe hardwood was specified for the bridge's decking and electric wire access holes were drilled in the uprights to accept the security lighting. "With the lighting at night, the bridge looks as nice as it does in the day," says Bob Burnett, the project manager. "The University is very pleased with the appearance of the new bridge and how closely it resembles their original vision."

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