

STRONGWELL®

APPLICATION PROFILE



FIBERGLASS DECKING DOUBLES AS STAY-IN-PLACE CONCRETE FORMS

A recent bridge project in Black River Falls, Wisconsin made interesting use of Strongwell's SAFPLANK® decking. The contractor, Lunda Construction, chose the FRP panels to serve as a concrete forming system. A total of 2,400 square feet of the interlocking fiberglass decking panels were installed upside down. The decking acted as stay-in-place forms for the concrete, which was poured directly on top of the panels.

Lunda chose 12" x 42" sections of SAFPLANK® with grit applied between the flanges. The clear span was 36" between the flanges of the 54W prestressed girders. A 3.5" x 1.5" ledge was along both sides of the girder on which the SAFPLANK® rested.

Unlike wood forms, the corrosion resistant and light weight SAFPLANK® did not have to be removed and eliminated the need to form between the concrete girders. Without the hassle of removing the forms, the innovative use of the interlocking sections saved labor costs and resulted in a faster installation.

TECHNICAL DATA

Product:	Concrete Forms
Process:	Pultrusion
Materials:	SAFPLANK® fiberglass interlocking decking system
Sizes:	12" x 42" SAFPLANK®
For:	Lunda Construction Black River Falls, WI



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