

***Project:***

**Lock & Dam # 1**

Bluff Protection Stage 2

***Owner:***

U.S. Army Corp of Engineers

St. Paul district

***General Contractor:***

Lametti & Sons, Inc.

16028 Forrest Blvd. N.

Hugo, MN. 55038

***Description:***

Project required installation of 88 high capacity double corrosion protection anchors through the face of an existing cribwall constructed of concrete "lincoln logs." There were 4 rows of anchors with the top row 50' above ground. Longest anchors were 60' long. A special climbing platform was designed and constructed to access the anchors from a narrow bench. Also, 1300 rock bolts were required on a ledge above the cribwall. Bolts are 15' long set with polyester resin cartridges.