



CASE STUDY

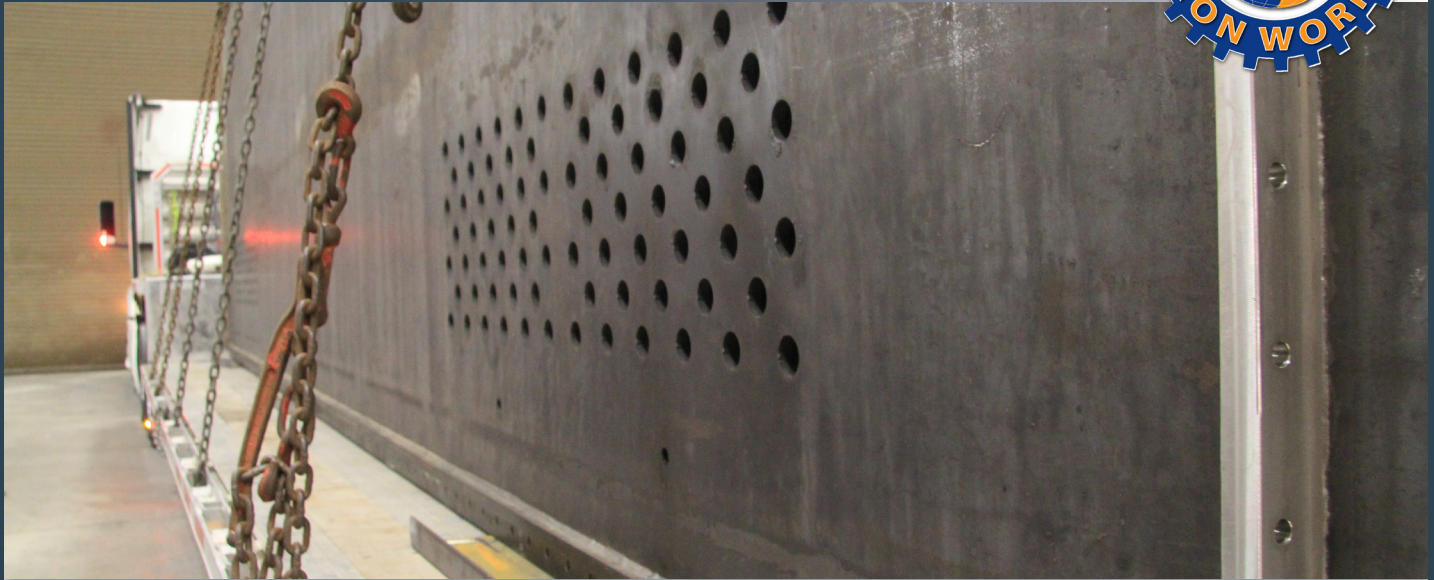
FOUR SETS OF UPPER AND LOWER STOP LOGS

February 2018
Rock Island Dam
Chelan County Public Utility District No. 1

CASE STUDY

FOUR SETS OF UPPER/LOWER STOP LOGS

Rock Island - Chelan County Public Utility District No. 1



Onaway, MI - MIW has completed and delivered (4) sets of Upper and Lower stop logs to the Rock Island Dam in Rock Island, WA. The project was devised from a need to update the current stop log system in place at the Rock Island Dam. The project primarily consisted of A572-GR 50, a high strength, low alloy steel and A276 304 Stainless Steel, a product that offers good corrosion resistance.

The project was a challenge fit for MIW's personnel. It required specialties in machining, weld placement, seal and pipe installation and painting. The project required that all final assemblies be coated with 24 mils of Epoxy Paint to help ensure the investment of the owner was well protected over the years. Prior to paint, the assemblies were test fit to ensure a smooth interface at the site.



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FOUR SETS OF UPPER/LOWER STOP LOGS

Rock Island - Chelan County Public Utility District No. 1



These stop logs will spend most of their life waiting to be put into service, but could spend up to a few months in the water, at a depth of nearly 50 feet, while in service. Stop logs are primarily used to prevent the flow of water into a collection area while maintenance is being performed.



CUSTOMER

Chelan County Public District No. 1

LOCATION

Rock Island Dam
Rock Island, WA

PROJECT DURATION

June 2017 - Feb. 2018

WEIGHT

88 tons
175,098.46 lbs

MATERIAL

A36 Carbon Structural Steel
A304 Stainless Steel
A572-GR. 50 Carbon Steel