



RESTORING RAILROADS PAST

SOUTH SHORE CONTROLS HELPS RESTORE 100-YEAR OLD RAILROAD TURNTABLE IN CLEVELAND, OH



100-Year Old Former B&O Railroad Turntable

The Midwest Railway Preservation Society (MRPS) is an all-volunteer group of people dedicated to preserving railroad history. Our goal is to collect, preserve, restore, display and operate railway equipment for the education and enjoyment of the public. MRPS is

located in Cleveland, OH at a historic train operation location that was formerly the B&O roundhouse and railroad yard.

CHALLENGE

The MRPS roundhouse turntable dates back to 1919. The rotation was originally a wound rotor induction motor and step resistance controls. It had not been operable for decades, which forced the volunteers to rotate it with a bulldozer and chain. A local steel mill donated a 30 HP DC motor, but there were no controls. Our organization called on South Shore Controls for help.

SOLUTION

South Shore Controls associates volunteered, provided, and installed a modern digital DC regenerative drive controller, line reactor, and operator's station into the house located above the motor on the turntable.

RESULTS

Thanks to the generosity and expertise of South Shore Controls, our turntable became operational once again. After installation, engineers programmed the startup completion process bringing the 100-year old turntable up to modern and safe operation.

CLIENT NAME

Midwest Railway Preservation Society

LOCATION

Cleveland, OH

APPLICATION OR EQUIPMENT

- DC Regenerative Drive Controller
- Line Reactor
- Operator Station

SERVICES UTILIZED

- Engineering Design
- Installation Services
- Testing

