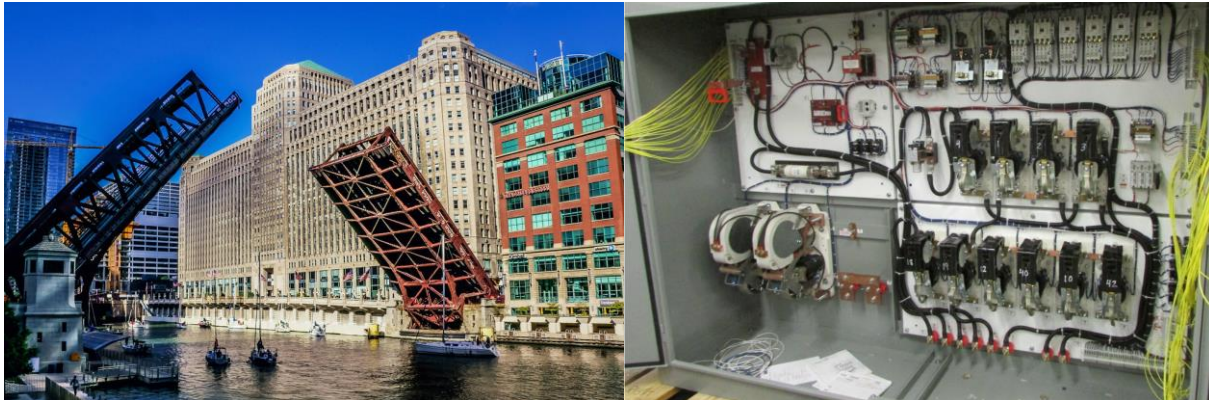


Roadway & Railroad Lift Bridge Control systems

100 Years of Industrial Control Experience for Railroad and Roadway Vertical Lift, Swing and Bascule Bridges



Hubbell's Total Lift Bridge motor control solutions include all relevant control products developed and deployed in our 120-year manufacturing history Solutions. From the latest AC Variable Frequency drive systems, to the traditional DC contactor controls, Mill Duty Shoe and thruster style brakes, pushbutton stations, master switches, and complete operator consoles. Hubbell offers the most complete Lift Bridge control system package available from any major electrical controls manufacturer.

Hubbell's capability and history makes us the leader in both new and retrofittable bridge control systems.

Why Hubbell, we manufacture nearly all electrical components and subsystems used in Lift Bridge Control Systems. This gives Hubbell almost complete single-source system and component supplier.

Our capability includes:

- Hubbell's Bulletin 4960B AC VFD Motor Control System, for AC squirrel cage or wound rotor motors.
- Hubbell's DC and AC contactor motor control systems, for electromechanical control of DC series, DC shunt and AC wound rotor motors.
- Hubbell's Powerohm Resistor facility is a world leader in Manufacturer of Dynamic Braking, Acceleration and Load Bank Resistors as well as AC drive regeneration modules.
- Hubbell's Acme Transformer Division produces advanced power quality products which includes Reactors, DV/DT, Sinewave and digital Active Filters used for Harmonic Mitigation, Line Sag and Power Quality Solutions.
- Hubbell's Gleason Reel factory produces an extensive line of cable management products: Heavy Duty Cable Reels for Vertical Lift Bridges, and Gleason Heavy Duty Steel Powertrak™ for Swing Bridges.
- Operator Control Consoles to Complement the AC or DC Motor Solutions.



Integrated AC or DC Control Solutions

- For use with all motor types
- Master/followers systems
- Communications cards for PLC commands
- Low maintenance designs

Available Options

- ❖ Resistors
- ❖ Master switches
- ❖ Rectified power supplies
- ❖ Series and Thruster Brakes
- ❖ Brake Rectifiers
- ❖ Festoons and cable carriers
- ❖ Power limit switches
- ❖ Speed switches
- ❖ Consoles



<https://www.hubbell.com/hubbellindustrialcontrols/en/market-bridge-controls>