



THE BELT RAILWAY COMPANY OF CHICAGO
Office of the Engineering Department

ENGINEERING GENERAL ORDER
#2019-EN010

Effective 0001, Monday, December 2, 2019

To: ALL CONCERNED

Subject: Signal Department Jumper Policy

The use of Signal Jumper Cables by Signal Department personnel requires careful attention to detail, follow-up, and documentation to assure the safety of employees and the public.

Signal Jumper Cable Types:

Only Signal Jumper Cables meeting the following description can be utilized on the BRC:

- The cable must contain one red wire, one black wire and be equipped with color matching alligator clips on each end.
- Each cable, or pair, is equipped with a brightly colored warning tag identifying the employee's name and work number.
- Jumper wires will be standardized at 15 feet long, providing 0.06-ohm resistance.
- Jumper cables are the responsibility of the individual employee to whom they are issued.

Use of Signal Jumper Cables at Highway/Rail Grade Crossings:

A Signal Maintainer may utilize a Signal Jumper Cable to disable the normal operation of a highway/rail grade crossing under the following conditions:

Signal Maintainer notifies the Train Dispatcher that the crossing protection at a location requires repair and will need to be DISABLED.

Note: GCOR 6.32.2 A applies at the crossing once it has been declared as being DISABLED.

To notify the Train Dispatcher to disable the crossing protection use the following verbiage:

"Maintainer _____ requests a Track Bulletin to protect the crossing at MP XXXX on the XXXX Line, which will be disabled. I wish to install Signal Jumper Cables at this crossing."

The Train Dispatcher will create an Operational Issue, assigned to Signal Department, and will notate the location, time, and Signal Jumper Cable used by Maintainers Name & ID number.

The Train Dispatcher will provide the number of the Track Bulletin used to protect the crossing to the Signal Maintainer.

The Signal Maintainer will not apply the Signal Jumper Cable until protection has been provided.

Removal of a Signal Jumper Cable:

Signal Maintainer will notify the Train Dispatcher that protection at the highway/rail grade crossing is no longer required, using the following verbiage:

“Maintainer _____ is releasing the crossing at MP XXXX on the XXXX Line for normal operation. Signal Jumper Cable has been removed at time_____ by Maintainer Name_____ ID#_____.

The Train Dispatcher will update the Operational Issue and will note the time, Maintainers name and ID #, the Signal Jumper Cable has been removed.

The Signal Manager will close out the issue in Belt Apps.

Use of Signal Jumper Cables at Locations Other than at Highway/Rail Grade Crossings:

When a Signal Maintainer uses a Signal Jumper Cable on a track circuit not associated with a highway/rail grade crossing, they must:

Have Track Protection Prior to Installation of a Signal Jumper Cable:

Notify the Train Dispatcher that a Signal Jumper Cable will be applied, stating the location, track name, Maintainer name and work ID #. The Train Dispatcher will apply blocking devices to protect the area.

The Train Dispatcher will create an Operational Issue, assigned to Signal Department and will note the time, location, Maintainers Name and Work ID #, and a Signal Jumper Cable has been applied.

Removal of a Signal Jumper Cable:

When repairs are complete, and AFTER REQUIRED TESTING on the track circuit has been completed, the Signal Maintainer will notify the Train Dispatcher that the track circuit is restored to normal operation and that any Signal Jumper Cables have been removed by Maintainer Name & ID #_____.

The Train Dispatcher will update the Operational Issue to reflect the time of release, and the confirmation of Signal Jumper Cable removed by the Maintainer Name & ID #_____.

The Signal Supervisor is responsible for closing the issue in Belt Apps.

Ronald Wanda
Manager Signal Terminals & Communications

Engineering General Orders In Effect:

Year of Issuance	Numbers
2019	EN001, EN002, EN003, EN006, EN009, EN010