

## **C-1 Double Crossover with 2 Left-Hand and 2 Right-Hand Turnouts - General Description**

The C-1 layout features a double crossover configuration that incorporates two left-hand turnouts and two right-hand turnouts, allowing for efficient crossover capabilities between parallel tracks. This setup facilitates flexible train routing by enabling trains to move from one track to another at multiple points along the crossover.

This layout is divided into four blocks (Blocks 1, 2, 3, and 4), which segment the track and allow for organized train movements. The division of the track into distinct blocks enhances control over train operations, ensuring efficient traffic management across the crossover.

There are four double-headed signals located at critical points near the crossovers. These signals provide clear indications for trains approaching or navigating the crossover, guiding movement and ensuring safety across the layout. The double-headed configuration allows each signal to manage traffic in both directions, further optimizing control within the blocks.

The four double crossover turnouts (two left-hand and two right-hand) offer multiple route options, enabling trains to switch tracks in either direction. This setup is ideal for complex routing requirements, allowing trains to change tracks quickly and efficiently, which is especially useful in high-traffic scenarios.

In summary, the C-1 Double Crossover layout with 2 left-hand and 2 right-hand turnouts is designed for versatile and dynamic train management. With four blocks, double-headed signals, and a full double crossover, this configuration supports efficient and safe routing across a dual-track mainline.