

## **C-2 Double Crossover with Right-Hand Junction - General Description**

The C-2 layout incorporates a double crossover configuration combined with a right-hand junction, providing complex routing options for managing train movements across multiple tracks. This layout is organized into five blocks (Blocks 10, 13, 14, 15, 16), creating distinct sections for efficient train control and enhancing the overall traffic management within the network.

The signaling system in this layout includes three double-headed signals and two triple-headed signals. The double-headed signals manage standard directional control within certain blocks, while the triple-headed signals offer additional directional guidance, particularly at critical points such as the crossover and junction. This combination of signal types allows for precise traffic regulation, supporting safe and coordinated train operations across the layout.

The layout features four double crossover turnouts and one right-hand junction turnout. The four double crossover turnouts allow trains to shift between parallel tracks at multiple points, enhancing flexibility in routing choices. The right-hand junction provides an additional path, allowing trains to enter or exit the mainline efficiently. This junction adds another layer of routing flexibility, enabling dynamic train movements and smooth transitions between tracks.

In summary, the C-2 Double Crossover with Right-Hand Junction layout is designed for complex and adaptable train operations, with multiple blocks, a combination of double- and triple-headed signals, and versatile routing options through the double crossover and right-hand junction. This setup is ideal for handling high-traffic scenarios, ensuring efficient and safe navigation across a multi-track network.