

C-9 Double Crossover with One Intermediate Diverging Route and One Following Diverging Route - General Description

The C-9 layout features a double crossover with both an intermediate diverging route and a following diverging route, offering a highly flexible structure for managing train movements. This layout is divided into six blocks (Blocks 2, 4, 5, 6, 8, and 9), enabling controlled and organized train operations within each section of the layout.

This configuration is equipped with six triple-headed signals positioned strategically across the blocks. The triple-headed signals provide detailed routing options, especially at key points like the diverging routes and crossovers, allowing for intricate control over train paths and facilitating safe navigation through complex track arrangements.

The layout includes four double crossover turnouts that allow trains to move between parallel tracks at multiple points, enhancing routing flexibility. Additionally, there is one intermediate diverging route, allowing trains to deviate from the mainline midway along the layout, and one following diverging route that provides an alternative exit or entry path towards the end of the layout. These diverging routes enhance operational versatility, enabling trains to transition smoothly to different tracks based on traffic requirements.

In summary, the C-9 Double Crossover with One Intermediate Diverging Route and One Following Diverging Route layout is ideal for complex and dynamic train operations. Its combination of multiple triple-headed signals, double crossovers, a diverging and following routes offers substantial adaptability, making it suitable for high-traffic rail networks requiring precise control and varied routing options across a multi-track system.