

B-7 Double Track Mainline with Preceding Right-Hand Turnouts - General Description

The B-7 layout is a double-track mainline setup featuring preceding right-hand turnouts, providing a structured configuration for efficient train routing. This layout is segmented into five blocks (Blocks 3, 4, 5, 6, and 7), which allows for organized control and management of train movements across each section.

There are five signals distributed across the layout to manage and guide traffic through the blocks and junction points. These signals are essential for maintaining safe and efficient train operations, especially when approaching and navigating the turnouts.

The layout includes three primary switches, SW-A, SW-B, and SW-C, all designed as right-hand turnouts. These switches control the points at which trains can divert from one track to another or proceed along the mainline, adding flexibility for managing traffic flow. The configuration of preceding right-hand turnouts allows for seamless integration of train movements across the layout, facilitating dynamic routing and scheduling.

In summary, the B-7 layout is optimized for streamlined double-track operations with the added flexibility of preceding right-hand turnouts, making it suitable for scenarios requiring efficient and adaptable routing options within a mainline network.