

B-5 Double Track Crossover with Left-Hand Turnouts and Following Right-Hand Junction - General Description

The B-5 layout features a double-track mainline with a left-hand crossover and a subsequent right-hand junction, providing enhanced flexibility for directing trains across the tracks. This setup is divided into five blocks (Blocks 1, 2, 3, 4, and 5), enabling organized and controlled train movements within each section.

There are five signals distributed across the layout, positioned to regulate traffic through the blocks, the crossover, and the junction. These signals facilitate smooth transitions and ensure safe operations by communicating track status and directing train movements at critical points.

The layout includes three key switches, SW-A, SW-B, and SW-C. SW-B and SW-C are left-hand turnouts that form the crossover, allowing trains to switch between the parallel tracks. SW-A, the right-hand junction, enables additional routing flexibility by guiding trains along diverging paths from the mainline. This combination of left-hand and right-hand turnouts provides versatile routing options, accommodating various traffic scenarios and enabling efficient use of the track network.

In summary, the B-5 layout is designed for complex operations, offering multiple crossover and junction options to support dynamic train routing across a double-track mainline. This configuration is ideal for scenarios requiring frequent track changes and flexible train management.