**B-10 Double Track Mainline with Crossover Right-Hand Turnouts and Preceding Left-Hand Junction - General Description**

The B-10 layout features a double-track mainline with a crossover formed by right-hand turnouts, along with a preceding left-hand junction, providing a versatile configuration for managing train movements. This setup is divided into five blocks (Blocks 3, 4, 5, 6, and 7), facilitating organized train flow and enhancing control over operations within each section.

There are five signals distributed along the layout, positioned to guide trains safely through the blocks, the crossover, and the junction. These signals play a crucial role in directing traffic, especially in areas where trains may need to switch tracks or navigate the junction.

The layout incorporates three primary switches, SW-A, SW-B, and SW-C. SW-B and SW-C serve as right-hand turnouts, enabling the crossover between the two mainline tracks. SW-A, located at the preceding left-hand junction, provides an additional entry or exit point to the mainline, allowing trains to diverge from or enter the main track. This combination of right-hand crossover and left-hand junction enhances routing flexibility, accommodating diverse operational needs.

In summary, the B-10 layout is designed for efficient and flexible train management, combining a preceding left-hand junction with a right-hand crossover to support complex routing requirements on a double-track mainline. This layout is ideal for scenarios that demand adaptable train movements within a controlled network.