

### **B-3 Double Track Mainline with Crossover (Left-Hand Turnouts) - General Description**

The B-3 Double Track Mainline with Crossover layout incorporates a left-hand crossover, enabling trains to switch tracks seamlessly across a dual-track configuration. This layout is segmented into four blocks (Blocks 7, 8, 9, and 10), allowing for effective train management within specific track segments and supporting controlled train flow in each direction.

There are four signals strategically positioned around the crossover, ensuring safe train operations as they transition between blocks and navigate the crossover. These signals facilitate smooth and coordinated movement, especially where traffic may shift from one track to the other.

The layout features two main controlling switches, SW-C and SW-D, both designed as left-hand turnouts. These switches enable the crossover functionality, allowing trains to move between the parallel tracks effectively. This setup provides added flexibility in routing, making it adaptable for scenarios that require versatile train maneuvering across a double-track mainline.

In summary, the B-3 layout offers a balanced and efficient structure for double-track operations with the added benefit of crossover capability, making it suitable for complex routing needs with left-hand turnouts managing the crossover.