

D-7 Triple Track with Two Pairs of Sequential Crossovers Illustration- General Description

The D-7 layout, titled “Triple Track Layout with Two Pairs of Sequential Crossovers,” features a three-track system interconnected by two pairs of sequential crossovers. In this setup, “Triple Track with Sequential Crossovers” refers to a layout where three parallel tracks are linked by crossover turnouts, arranged sequentially to allow smooth transitions between the tracks. This layout provides flexible routing options across all three tracks, supporting efficient transitions for varied operations.

This layout is divided into six blocks, creating sectional control for train movements:

West Side: Blocks 1, 2, and 3

East Side: Blocks 4, 5, and 6

The signaling system includes six triple-headed signals, positioned to provide comprehensive control for track transitions and varied routing options within the layout.

The layout includes eight turnouts in two sequential crossover pairs:

West Side Crossovers: SW-D to SW-C and SW-B to SW-A enable sequential track transitions on the west side.

East Side Crossovers: SW-E to SW-F and SW-G to SW-H provide similar track-switching capabilities on the east side.

This layout is well-suited for complex rail operations where trains may frequently shift between tracks. The sequential crossover arrangement allows trains to progress across the three tracks with flexibility, making it suitable for environments that require adaptable routing options and efficient track management. The block structure and extensive signaling ensure safe and coordinated train control throughout the layout.