

D-8 Triple Track with Two Pairs of Diverging Crossovers - General Description

The D-8 layout, titled “Triple Track with Two Pairs of Diverging Crossovers,” features a three-track configuration designed for flexible train movement across tracks using diverging crossovers. In this setup, “Diverging Crossovers” refer to turnout arrangements that allow trains to move laterally across multiple tracks, diverging from one track to adjacent ones in a controlled sequence. The two pairs of diverging crossovers on each side of the layout enhance operational flexibility, enabling efficient track changes.

This layout is divided into six blocks for organized train control:

West Side: Blocks 10, 9, and 8

East Side: Blocks 14, 13, and 11

The signaling system consists of six signals, positioned as follows:

Four double-headed signals, providing essential routing options for train movements.

Two triple-headed signals, allowing for more complex signaling aspects, particularly where multiple routing choices exist.

The layout includes eight turnouts, organized into two pairs of diverging crossovers:

West Side Crossovers: SW-D to SW-C and SW-B to SW-A enable diverging transitions across the tracks on the west side.

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

This layout is suitable for operations requiring multiple track transitions, where trains need to diverge across adjacent tracks frequently. The diverging crossover arrangement supports efficient and adaptable routing, making it ideal for scenarios where track flexibility and rapid lateral movement are essential. The structured block system and comprehensive signaling provide controlled, safe train management across the triple-track configuration.