

B-2 Double Track Mainline with Crossover (Right-Hand Turnouts) - General Description

The B-2 Double Track Mainline with Crossover layout features a dual-track configuration that includes a crossover between the tracks, enabling trains to switch from one track to the other. This layout is organized into four blocks (Blocks 1, 2, 3, and 4), which allow for controlled train movements within defined sections of the track.

There are four signals positioned at key points along the layout, two on each side of the crossover, providing clear indicators for safe train operation through the blocks. These signals help regulate traffic on both tracks and coordinate movements, particularly at the crossover.

The layout includes two controlling switches, SW-A and SW-B, both of which are right-hand turnouts. These switches facilitate the crossover between the tracks, allowing trains to change direction or access the parallel track smoothly. The crossover design enhances flexibility in routing by enabling selective track switching, making it a versatile layout option for complex train operations.

Overall, the B-2 layout is designed to support efficient traffic management with options for crossover maneuvers, suited for scenarios requiring flexibility in train routing along a double-track mainline.