

A-11 Mainline with 2 Branch Lines (Left-Hand Turnouts) Track Layout Illustration- General Description

The A-11 layout represents a mainline track system with two branch lines, utilizing left-hand turnouts to facilitate the branching structure. The layout is divided into five blocks, labeled as Block 2, Block 3, Block 4, Block 5, and Block 6, allowing for segmented train movement and control within each section.

The layout includes four signals to guide train operations: three single-headed signals and one triple-headed signal. The triple-headed signal, located within Block 2, provides a higher level of control, enabling diverse routing options for trains as they enter or exit the mainline and the branch lines.

This layout also features two turnouts, designated as SW-A and SW-C. SW-A allows trains to diverge from the mainline to a branch line near Block 2, while SW-C is positioned to control access to the second branch line from the mainline near Block 4. These turnouts enable efficient navigation between the mainline and branch lines, making it easy to divert trains to different paths based on operational needs.

Ideal for complex train routing, this configuration is structured to accommodate multiple train paths, providing a balanced setup for both mainline continuity and branch line accessibility. The arrangement of blocks, signals, and left-hand turnouts ensures orderly and flexible train management throughout the layout, maintaining control and direction for safe operations.