

A-4 Single Track with Passing Siding Track Layout Illustration- General Description

The A-4 layout is a single-track system featuring a passing siding, providing an opportunity for trains to pass one another on a primarily single track. This layout is divided into four distinct blocks, labeled as Block 2, Block 3, Block 4, and Block 5, allowing for effective control and monitoring of train movements within each block.

The illustration includes a total of six signals: four single-headed signals and two double-headed signals. These signals are strategically placed along the track to regulate train movements, ensuring smooth transitions between blocks and safe navigation through the layout.

Additionally, the layout incorporates two turnouts, labeled SW-A and SW-B. SW-A is positioned at the entrance to the passing siding on the west side, while SW-B is located at the exit of the siding on the east side. These turnouts enable trains to divert from the main track to the siding, facilitating passing maneuvers or temporary holds on the siding while other trains utilize the main track.

This layout is ideal for operations where single-track line limitations are supplemented by the flexibility of a passing siding, offering a balance between simplicity and operational capacity in a compact track design.