

A-1 Single Track Mainline - General Description

The A-1 layout represents a single track mainline divided into three blocks (Blocks 1, 2, and 3), offering a straightforward and organized structure for managing train movement along a single line. This layout is designed without any turnouts, focusing solely on linear traffic flow along the main track.

This configuration includes four single-headed signals positioned strategically within the blocks. These single-headed signals provide clear directional indications for trains traveling along the mainline, ensuring safe and efficient control over train movements within each block. The signals are arranged to regulate traffic flow between the blocks, allowing for controlled progression from one section to the next.

In summary, the A-1 Single Track Mainline layout is a simple yet effective design for single-line operations. With its three-block division and four single-headed signals, it provides basic traffic control suitable for straightforward rail systems without the complexity of turnouts or multiple track interactions. This layout is ideal for uncomplicated routes that prioritize direct travel along a single track.