

SP-1 Crossing Interlock Track Layout Illustration- General Description

The SP-1 layout, titled “Crossing Interlock,” represents a track configuration where two perpendicular rail lines intersect. A **Crossing Interlock** is a controlled system designed to manage train movements at an intersection of tracks, ensuring that only one train can pass through the crossing at a time to avoid conflicts and maintain safety.

This layout is divided into four blocks:

Blocks: 2, 3, 6, and 7

The signaling system includes four single-headed signals, positioned to control entry into the crossing from each block, providing clear indications for trains approaching the intersection.

There are no turnouts in this illustration, as the layout focuses solely on managing train movements at the crossing point rather than providing switching options.

This crossing interlock layout is ideal for simple track intersections where safety and coordinated train passage are priorities. The interlocking system ensures that signals are synchronized to prevent conflicting movements, making it suitable for straightforward but critical track crossings.