The University of Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

Background

Signalling systems can have a major impact on the railway service provision (delays) and safety. Their performance is affected by the asset management strategy adopted.

Objective

Develop a model to predict the impacts on safety and service disruption of different asset management options.

6 STATIONS

26 BLOCKS (segment of track between two successive axle counters)

27 AXLE COUNTERS

9 SIGNALS (three aspects)

9 AWS (automatic warning system)

5 LEVEL CROSSINGS