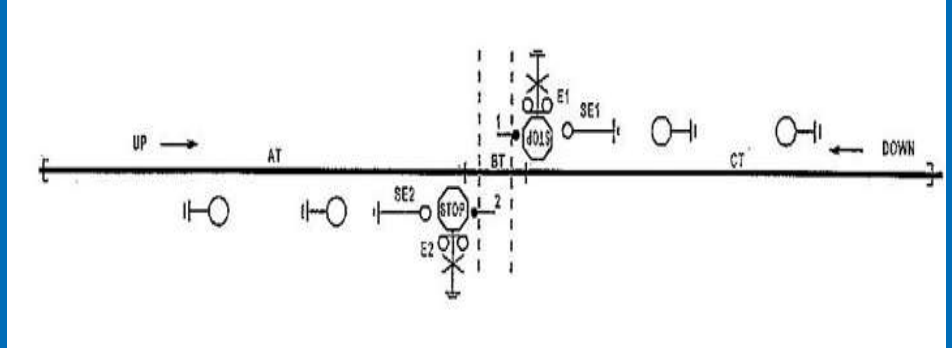


The ACTOM Level Crossing Protection System

Alerts, warns and stops road users before they can enter a level crossing soon to be occupied by an approaching train.

Design features:



- Red flash-lights, either incandescent or LED.
- Audible alarms are either bells or sirens with a 500m range.
- The road signals are equipped with St. Andrew crosses appropriate to the specific crossing required.
- Half-arm barriers are integrated with the rest of the system in such a way that the barriers be lowered after the flash-lights have been activated.
- Train detection is performed by axle counters or track circuits.
- The train detection system triggers the level crossing and initiates the normalisation once the train has passed. It is done in a fail-safe manner.
- The train must be detected at a sufficient distance away to ensure that a train travelling at the maximum speed allowed on the line, will still give the motorists and pedestrians 30 seconds warning before the train enters the level crossing. The system is available in automatic or manual mode, depending on the requirement.
- Power supply with back-up battery bank and charger operated from 220V AC.

TRANSPORT
Signalling

ACTOM