

Abstract Details

Title: Automated Gate Railway Crossing Road using Steel Kerb

Authors: Mona Omer and Dalia Mahmoud

Abstract: Road crossing railways, some results in accidents causing death and injuries. To help solving this problem and reducing the losses we think about automatic alarm and control system which force the traffic to stop while the train is passing through the roof using storing steel kerbs to close and open the gate. Visual and audio able alarms are used. Microcontroller, hydraulic system and sensors are used to result in a fast operation and time saving.

Keywords: Microcontroller, Infrared Switch, Pneumatic System Kerbs.