

## APPENDIX – II

### LEVEL CROSSING GATES

#### **I. Census of traffic at Level Crossings:**

Once in every three years, periodical census of traffic at all level crossings, i.e., both unmanned and manned shall be taken. This shall be carried out for 7 days and total Train Vehicle Units (TVUs) per day (train units x road vehicle units) are worked out. Train, road vehicle, bullock carts and tongas are being considered as one unit; and cycle rickshaw/auto rickshaw being considered as half a unit. The census shall be carried out by a multi-disciplinary inspectorial team consisting of inspectors of CE, S&T and Traffic Departments. The mechanism shall be set up by the Divisional Railway Manager to ensure that the representatives are present for the census by framing advance time table/ schedule for conducting census of level crossings.

#### **II. Classification of Level Crossings:**

The classification of level crossings shall be based on the volume of rail and road traffic and visibility conditions.

The classification of level crossings shall be as under:-

| S. No. | CLASS         | CRITERIA  | INTERLOCKING |
|--------|---------------|---|--------------|
| 1.     | Special Class | TVUs greater than 50,000  | Compulsory   |
| 2.     | 'A' Class     | TVUs between 50,000-30000 or line capacity utilization 80% (on single line) and number of road vehicles greater than 1000 | Compulsory   |
| 3.     | 'B' Class     | TVUs between 30,000 and 20,000 and number of road vehicles are greater than 750.  | -----        |
|        | 'B1' Class    | TVUs between 30,000 and 25,000  | Compulsory   |
|        | 'B2' Class    | TVUs between 25,000 and 20,000  | -----        |
| 4.     | 'C' Class     | All other level crossings not covered in above classes  | -----        |
| 5.     | 'D' Class     | For cattle crossings  | -----        |

#### **III. These instructions should be read together with provisions in General & Subsidiary Rules.**

##### **1. General instructions for all types of Level Crossing (LC) gates.**

###### **1.1. Description of the LC gate:**

Following details shall be maintained at all level crossing gates:

| S. No. | Subject                     | Details |
|--------|-----------------------------|---------|
| 1.     | Number of LC Gate           |         |
| 2.     | Engineering or Traffic Gate |         |
| 3.     | Under control of PWI/SM     |         |