

2/24/8

EAST CENTRAL RAILWAY

Technical cell
Office of the
General Manager (Safety)
Hajipur



Dated : 22.08.2007

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No. ECR/Safety/JPO/2007
Divisional Railway Managers,
East Central Railway,
DHN, DNR, MGS, SEE & SPJ.

JOINT PROCEDURE ORDER

Sub:- Joint Procedure Order for taking remedial action for improvement of Level Crossings.

It is a matter of great concern that four Consequential Train Accident on Unmanned Level Crossings have occurred in SPJ & SEE division within a one month. GM has shown his displeasure and given the instruction to issue Joint Procedure Order for taking immediate remedial action to improve the conditions of Level Crossings on priority. As per Railway Board instruction issued vide letter No. 2007/CE-1/LX/WP/Progrees dated 14.06.2007, following actions should be taken immediately to provide & ensure "Basic infrastructure" at all Level Crossings.

1. Leveled road surface.
2. Road approaches with proper gradient, length and pucca surface (preferable metalled) with speed breaker/rumble strip as per provision of IRPWM.
3. Clear visibility to Road users.
4. All proper warning boards (Road sign, Speed breaker, W/L board) should be ensured with retro-reflective/luminous type.

Beside above 'Basic infrastructure', the following actions should also be taken on priority to improve the condition of Level Crossings Gates.

5. Hexagonal blocks up to 3 m from C/L of outer most track should be provided on priority to improve the condition of road surface.
6. Telephone connection must be provided to all Manned Level Crossing Gate.
7. Electric connection should be provided in all Gate lodge where Electric line is passing through nearby area. Where there is no Electric line in nearby area, light should be provided through solar system.
8. At all important Manned LC gates, where Electric power supply is available, flashing light giving indication to Road users about lowering/raising of lifting barriers, should be provided.

An economical arrangement would be to fit the gate lamp to the revolving hinge post and to fit the fixed gate post a cowl to mask the lamp in both directions along the track. If local conditions make it expedient to fit the lamp in the center of the gate, a suitable rod operated cowl must be provided.

9. Whistle Boards at both ends of LC gates at a distance of 600 meters to be provided at all L.C. gates as a special feature over ECR system.
10. Availability of shed over winch machine should be ensured for safety of machine and to protect the Gateman from rain & cold during operation.

Above remedial action should be taken on priority and the action taken should also be advised mentioning monthly progress item wise through GM

MCDO

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