East Central Railway

Office of the
GM(S&T)/HJP
Date: 02/7/2014

No. ECR/S&T/Sig/Maintenance/Pt.III

Divisional Railway Managers
DNR, DHN, MGS, SEE & SPJ
East Central Railway

Sub:- Safety drive for level crossing gate.

Safe and reliable operation of LC gates is of utmost importance for safety and punctuality in train operation as well as safety of road users.

In view of recent dashing of road vehicle with Mail/Express train at manned LC gate in Main Line of Danapur Division, it is requested to launch a safety drive at LC gates with emphasis on following aspects:-

1. Early completion of sanctioned works related to upgradation/interlocking of LC gates.
2. Proper visibility of L.C. Gates to Road Users. Trimming of vegetation, if any.
3. Provision of effective speed breakers/road rumble strip.
4. Ensuring complete opening of winch operated level LC gates booms (80^{o} to 85^{o}) through proper balancing & clearance of counter weight, positioning of stopper of drum, etc.
5. Effectiveness of positive boom locking.
6. Ensuring 80cm to 100cm clearance of lifting barrier from road surface in closed position for complete width of road.
7. Sealing arrangement of Emergency Key & effectiveness of its interlocking.
8. Provision of dedicated power supply arrangement for mid section LC gates.
9. Provision of retro-reflective sheet on booms/stop boards.
10. Visibility of road signals/K-Oil lamp signal.
11. Proper working of warning bell/hooter.
12. Provision of stand-by magneto phone for mid section LC gates.
13. Provision of additional buzzer for magneto phones.
14. Commissioning of Sliding Booms on priority at busy Gates.
15. Checking of Warning board for road users.
16. Removal of encroachment near LC gates to improve visibility & to increase width of carriage-way.
17. Illumination of Level Crossing Gate premises.
18. Security coverage at busy LC Gates.
19. Counseling of Gateman for proper operation of LC gates.
20. Following of JPO No. 1/2014 regarding regular operation and maintenance of sliding boom.

(A. N. JHA)
C ST E/ECR/HJP

Copy to :
Sr. DSTE's/ DNR, DHN, MGS, SEE & SPJ - for necessary action.