

2nd edition, July 2005

Original

R

Safety measures to be taken at level crossings on lines operated from 120 to 200 km/h

*Mesures de sécurité aux passages à niveau situés sur des lignes parcourues à des vitesses comprises
entre 120 et 200 km/h*

Sicherung von Bahnübergängen auf mit 120-200 km/h betriebenen Strecken



UNION INTERNATIONALE DES CHEMINS DE FER
INTERNATIONALER EISENBAHNVERBAND
INTERNATIONAL UNION OF RAILWAYS

Leaflet to be classified in Volume:

VII - Way and Works

Application:

With effect from 1 July 2005

All members of the International Union of Railways

Record of updates

1st edition, January 1975 First issue

2nd edition, July 2005 Overhaul of leaflet

The person responsible for this leaflet is named in the UIC Code

Contents

Summary	1
1 - Definition and scope	2
2 - Foreword	3
3 - Technical provisions	4
3.1 - Warning devices	4
3.2 - Road light signalling	4
3.3 - Barrier systems	4
3.4 - Half barriers	4
3.5 - Full barriers	5
3.6 - Barrier breakage control	5
3.7 - Obstacle detectors	5
3.8 - Automatic Train Protection system (ATP)	5
4 - Common requirements for all types of warning devices	6
4.1 - Connection to other signalling systems	6
4.2 - Warning time	6
Bibliography	7

Summary

This leaflet completes the *UIC Leaflet 761* with information to be considered when installing a level crossing system on lines with speeds above 120 km/h. Thus the leaflet gives an overview of methods which may be used by railways in such a case.

An introductory part justifies the need to limit the number of level crossings on lines operated at speeds above 120 km/h.

The main section provides conditions for warning signals (lights, barriers) that should be taken into consideration.

The last section makes recommendations in case of a connection with a traffic control center and for optimizing the warning time.

This leaflet has no mandatory status, in case of discrepancy with values indicated in the present leaflet, national low limites are binding.