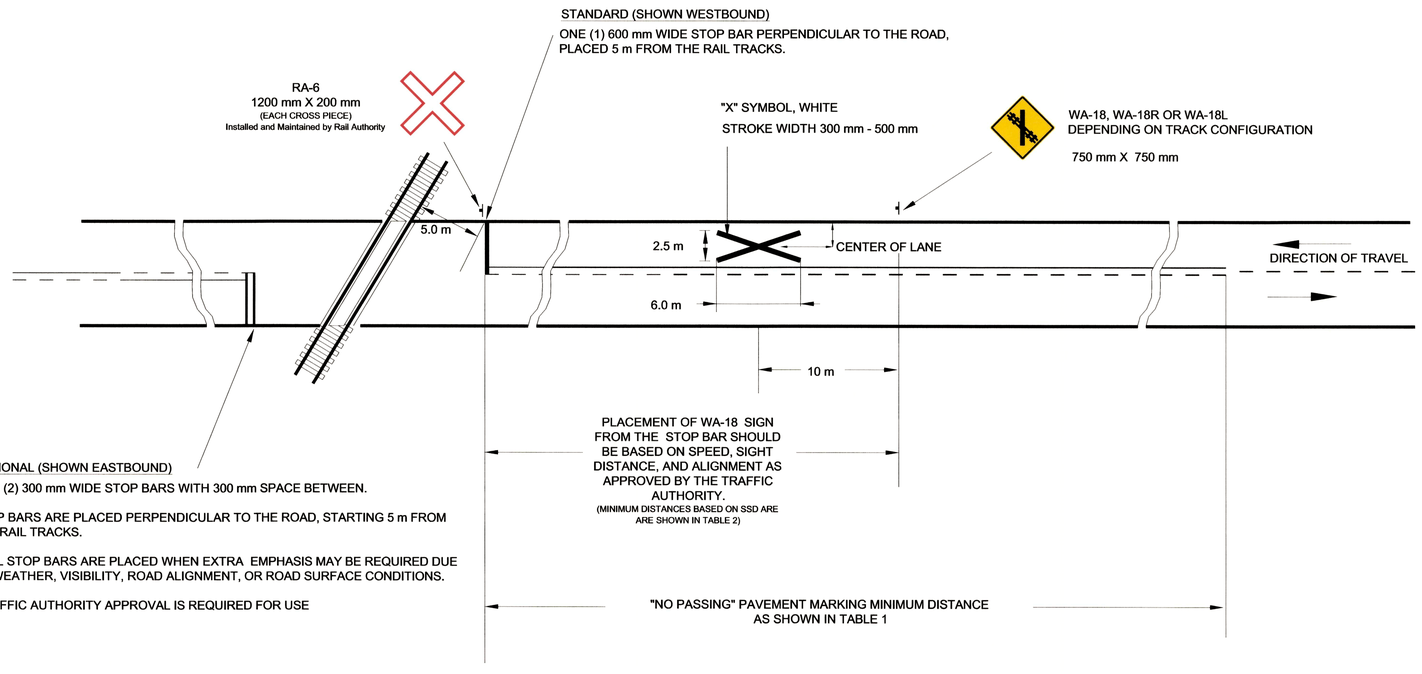
S-2013-312

HIGHWAY PAVEMENT MARKINGS

RAILWAY CROSSING



OPTIONAL (SHOWN EASTBOUND)

TWO (2) 300 mm WIDE STOP BARS WITH 300 mm SPACE BETWEEN.

STOP BARS ARE PLACED PERPENDICULAR TO THE ROAD, STARTING 5 m FROM THE RAIL TRACKS.

DUAL STOP BARS ARE PLACED WHEN EXTRA EMPHASIS MAY BE REQUIRED DUE TO WEATHER, VISIBILITY, ROAD ALIGNMENT, OR ROAD SURFACE CONDITIONS.

TRAFFIC AUTHORITY APPROVAL IS REQUIRED FOR USE

RAILWAY CROSSING

TABLE 1

SOLID LINE LENGTH IN METRES ON APPROACHES TO INTERSECTIONS AND RAILWAY CROSSINGS

SPEED LIMIT (KM/H)	SOLID LINE LENGTH (METRES)
50	80
60	100
70	120
80	140
90	165
100	200
110	240
120	285

REFERENCE: SEE CENTRE LINE MARKING DRAWING PR5050-2

TABLE 2

MINIMUM DISTANCE FOR PLACEMENT OF WA-18(R,L) WARNING SIGN.

SPEED LIMIT (KM/H)	DISTANCE IN METRES
50	65
60	85
70	105
80	130
90	160
100	185
110	220
120	250

REFERENCE: BASED ON SSD (US POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, THE TAC GEOMETRIC DESIGN GUIDE FOR CANADIAN ROADS, TRANSPORT CANADA RTD10 - RAIL CROSSING STUDIES)

NOTES:

1. PAVEMENT MARKINGS AND SIGNING SHALL BE POSTED ON BOTH APPROACHES TO THE RAILWAY CROSSING.
2. SIGHT DISTANCES ALONG TRACKS MUST BE IN ACCORDANCE WITH THE CANADIAN RAILWAY-ROADWAY GRADE CROSSING STANDARDS.
3. THE "X" MARKING MUST BE INSTALLED ON ALL URBAN ROADWAYS POSTED AT 80 km/h OR MORE. THE "X" MARKING MAY BE INSTALLED ON URBAN ROADWAYS POSTED AT LESS THAN 80 km/h IF OPERATIONAL CONCERNS EXIST.
4. THE "X" MARKING MAY BE INSTALLED ON ANY RURAL ROADWAY IF OPERATIONAL CONCERNS EXIST.
5. THE EXACT LOCATION OF THE "X" MARKING WILL DEPEND ON THE PRESENCE OF INTERSECTIONS OR OTHER OBSTRUCTIONS IN ADVANCE OF STOP BARS.
6. ALL TRANSVERSE MARKINGS, INCLUDING STOP LINES MUST BE PLACED AT RIGHT ANGLES TO THE CENTERLINE AND ACROSS ALL APPROACH LANES.

Designed by:
Surveyed by:
Drawn by: R. HIRD
Checked by:
Approved by:

Manager Traffic Engineering Services — Dec 13/13 Date

Director, Highway Engineering Services — Dec 13/13 Date

MK.	DATE	REVISION

NOVA SCOTIA
Transportation and Infrastructure Renewal

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HIGHWAY SIGNAGE AND PAVEMENT MARKINGS

RAILWAY CROSSING