American Railway Engineering and Maintenance-of-Way Association

Letter Ballot

1. **Committee and Subcommittee:** Committee 1, Subcommittee 7

2. **Letter Ballot Number:** 01-20-03

3. **Assignment:** D7-11-18 Update graphic appendix for Part 7 of the manual

4. **Vote:**
   - [ ] Approve
   - [ ] Disapprove
   - [ ] Abstain
   - Note: If you have a conflict of interest on the topic being considered, you must mark the ballot “Abstain.”

5. **Comments:** Comments must be provided when voting to disapprove or abstain. Use additional space on back or attach sheet as necessary. ____________________________
   __________________________________________________________________

6. **Voting Deadline:** Votes must be sent to: david.warnock@dhwarnock.net; tbodine@hanson-inc.com; (Send your ballot only if you are not using the on-line process)
   by: Month 9 Day 11 Year 2020

7. **Signature:** I have read the Regulations Governing AREMA Technical Committees and have complied with all its requirements.

   Signed: ___________________________ Name (Please Print) ___________________
   Address (if changed) ________________________________
   ________________________________
7.4 APPENDIX

Introduction to Sign Appendix

The following appendix includes many of the signs that are in common use on Class One, Regional, and Short Line railroads in North America. The requirements of specific railroad operating practices, as well as Federal, State, and Provincial regulations must be considered in the design, placement, and usage of signs.

Included Signs;
1. Milepost Marker
2. Station / Location
3. Manual / Verbal Block Limit
4. Yard Limit
5. Track Clearance Point or Fouling Point Marker
6. Derail
7. Spring Switch
8. Permanent Speed Limit
9. Whistle Post / Board
10. Remote Control Train Operation
11. Division of Track Maintenance and/or Ownership
12. FRA Emergency Notification (ENS) for Grade Crossings
13. No Trespassing
14. Stop Signs
15. Restricted / Close Clearance
16. Track Alignment Marker
17. Structure Identification Marker

This list is not all-inclusive, nor is it intended to be prescriptive, but rather is intended to provide a general overview of common styles, sizes, legends, and common wording.

The U.S. Department of Transportation Manual of Uniform Traffic Control Devices (MUTCD) and/or applicable State, Provincial, and Municipal Department of Transportation Specifications should be referred to for detailed information on standard traffic control devices, including signs for highway approaches to railway grade crossings, and for railroad owned roadways utilized by the public.
**Milepost Marker**

**Usage:**
Delineation of whole or fractional Mileage along line
Also may be used as Identification signage for other wayside features

**Station / Location**

**Usage:**
Placed to identify physical wayside structure or designated location
Wayside identification for named Operational Control Point or Interlocking

**Manual / Verbal Block Limit**

**Usage:**
Wayside identification of named Operational Control Point
Yard Limit

Yard Limit

BEGIN

END

Chevron Style Typically Painted Yellow
### Track Clearance Point or Fouling Point Marker

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot;</td>
<td></td>
</tr>
<tr>
<td>34&quot;</td>
<td></td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td></td>
</tr>
<tr>
<td>9&quot;</td>
<td></td>
</tr>
<tr>
<td>4 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>1&quot;</td>
<td></td>
</tr>
<tr>
<td>3/8&quot; x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### Derail

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>0&quot;</td>
<td></td>
</tr>
<tr>
<td>3/8&quot; x 3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### Spring Switch

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td></td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td></td>
</tr>
<tr>
<td>5/16&quot;</td>
<td></td>
</tr>
<tr>
<td>3/8&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

1-7-X
Permanent Speed Limit

<table>
<thead>
<tr>
<th>Speed Limit</th>
<th>Train Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>PASSENGER</td>
</tr>
<tr>
<td>30/15</td>
<td>OTHER</td>
</tr>
<tr>
<td>45</td>
<td>PASSENGER</td>
</tr>
<tr>
<td>50/45</td>
<td>OTHER</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Whistle Post / Boardd</th>
</tr>
</thead>
</table>
| Note: Check appropriate state and local regulations for sign placement.

<table>
<thead>
<tr>
<th>Example Signs</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
</tr>
<tr>
<td>X</td>
</tr>
<tr>
<td>W MX</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

Example Signs for Individual Crossings

Example Signs for Multiple Closely Spaced Crossings
Remote Control Train Operation

BEGIN REMOTE CONTROL

END REMOTE CONTROL

ATTENTION
REMOTE CONTROLLED EQUIPMENT MAY BE IN OPERATION
MOVING EQUIPMENT MAY BE UNOCCUPIED

Attention
Remote Control Locomotives Operate In This Area. Locomotive Cabs May Be Unoccupied.

Attention
Remote Control Locomotives Operate In This Area. Locomotive Cabs May Be Unoccupied.

Division of Track Maintenance and/or Ownership

MAINT. LIMIT

Division of Maintenance & Ownership

FRA Emergency Notification (ENS) for Grade Crossings

REPORT PROBLEM OR EMERGENCY
1-800-000-0000
X-ING 123 456A

Sign used in United States of America Only Reference 49 CFR PART 234.309 & 234.311 for Specifications and Installation Requirements
No Trespassing

Review appropriate state and local regulations for alternative sign wording and legal posting requirements

Stop Signs

Usage:

Private Roadway Crossing
Stopping point for Rail movement before at-grade Roadway Crossing
Stopping point for Rail movement before at-grade Rail Crossing
Personnel Dismount Point

Note: Octagonal Style Sign dimension used in roadway applications are typically 36” with 12” letters using a red background with white text. Consult MUTCD and/or state and local regulations.
Restricted / Close Clearance

Usage:
Placed to clearly identify locations with restricted or less than standard vertical or horizontal clearance

Track Alignment Marker ((Curve Tag))

Usage:
Identifies location of changes in track alignment to aid maintenance activities

Tangent to Spiral is shown, also used:
“SC” - Spiral to Curve
“CS” - Curve to Spiral
“ST” - Spiral to Tangent
Structure Identification Marker

Usage:

Placed on or adjacent the end of a bridge, tunnel, or other structure to provide a milepost based locational reference.

(Images used with Permission of Union Pacific Railroad)