

SECTION 2 - RAILROAD SIGNAL SYSTEMS

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| <u>2.1 General Recommendations</u> | | | | |
| 2.1.1 | 37-1 | Recommended Guidelines for the Application of Fixed Signals | 2 | Revised 2015 |
| 2.1.5 | 37-1 | Recommended Functional/ Operating Guidelines for Flashing Aspect for Fixed Signals Other than Highway-Rail Grade Crossing Warning Devices | 1 | Reaffirmed 2014 |
| 2.1.10 | 37-1 | See Manual Part 8.1.2 | | |
| 2.1.15 | 37-1 | Recommended Fouling Protection for Turnouts and Crossovers | 4 | Reaffirmed 2012 |
| 2.1.20A | 37-1 | Recommended Insulated Joint Location for Automatic Signals and Interlocking | 2 | Revised 2017 |
| 2.1.20B | 37-1 | Recommended Insulated Joint Location for Non-Interlocked Switches | 1 | Revised 2017 |
| 2.1.20C | 37-1 | Recommended Insulated Joint Location for Electric Operation Territory | 1 | Revised 2017 |
| 2.1.20D | 37-1 | Recommended Insulated Joint Location for Slip Switches and Frogs, Single or Double Rail Circuits | 1 | Revised 2017 |
| 2.1.20E | 37-1 | Recommended Insulated Joint Location for Railroad Crossings at Grade | 1 | Reaffirmed 2017 |

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| 2.1.25 | 37-1 | Recommended Functional/ Operating Guidelines for Electric Locks Applied to Hand-Operated Switches for Protection of Main Track Movements | 2 | Revised 2012 |
| 2.1.41 | 37-1 | Recommended Design Criteria for Grade Signal Marker for 5 Inch and 6 Inch Pipe | 2 | Reaffirmed 2019 |
| 2.1.45 | 37-1 | Recommended Functional/ Operating Guidelines for Take or Leave Siding Indicator | 1 | Reaffirmed 2019 |
| 2.1.50A | 37-1 | Recommended Design Criteria for End of Block Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |
| 2.1.50B | 37-1 | Recommended Design Criteria for End of Automatic Block Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |
| 2.1.50C | 37-1 | Recommended Design Criteria for Begin CTC Sign, End CTC Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |
| 2.1.50D | 37-1 | Recommended Design Criteria for End of Circuit Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |

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| 2.1.50E | 37-1 | Recommended Design Criteria for Preliminary Section Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |
| 2.1.50F | 37-1 | Recommended Design Criteria for Preliminary Section Sign, Sheet Metal Type for 4 Inch to 8 Inch Pipe, Details & Assembly | 2 | Reaffirmed 2019 |
| <u>2.2 Recommended ABS, CTC, Interlocking</u> | | | | |
| 2.2.1 | 37-1 | Recommended Functional/ Operating Guidelines for Automatic Block Signal Circuits and Systems | 5 | Revised 2019 |
| 2.2.5 | 37-1 | Recommended Functional/ Operating Guidelines for Signal Protection at Spring Switches | 2 | Reaffirmed 2016 |
| 2.2.10 | 37-1 | Recommended Functional/ Operating Guidelines for Interlockings | 3 | Reaffirmed 2015 |
| 2.2.11 | 37-1 | Recommended Guidelines for Development of Automatic Block Signal, Interlocking, Highway Crossings and Traffic Control Systems | 24 | Revised 2018 |
| 2.2.12 | 37-1 | Recommended Functional/ Operating Guidelines for Vital Software-Based Interlocking Systems | 5 | Revised 2019 |
| 2.2.15 | 37-1 | Recommended Functional/ Operating Guidelines for Traffic Control Systems | 3 | Reaffirmed 2018 |

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| 2.4.1 | 37-1 | Recommended Instructions for Inspection and Test of Signal Installations Before Placing in Service | 28 | Reaffirmed 2017 |
| 2.4.3 | 37-1 | Recommended Instructions for Automatic Block Signal Systems | 4 | Revised 2015 |
| 2.4.5 | 37-1 | Recommended Instructions for Testing Electric Locking | 5 | Reaffirmed 2014 |
| 2.4.10 | 37-1 | Recommended Instructions for Interlockings | 7 | Revised 2015 |
| 2.4.15 | 37-1 | Recommended Instructions for Signal Protection for Movable Bridges | 3 | Reaffirmed 2015 |
| 2.4.20 | 37-1 | Recommended Instructions for Time Releases Applied to Signal Apparatus | 5 | Revised 2014 |