

SECTION 14 - ELECTRICAL DEVICES, FOUNDATIONS, HARDWARE

<u>Part</u>	<u>C</u>	<u>Type & Subject</u>	<u>Pages</u>	<u>Status</u>
<u>14.1 Recommended Wire Connectors, Terminals</u>				
14.1.1	37-2	Recommended Design Criteria and Functional/Operating Guidelines for Solderless Crimp-Type Wire Terminals for Use in Wiring Signal Apparatus	5	Reaffirmed 2006
14.1.2	37-2	Recommended Design Criteria and Functional/Operating Guidelines for Solderless Screw-Clamp or Screwless Cage-Clamp Terminal Blocks Used in Wiring Signal Apparatus with Copper Wire Only	13	Reaffirmed 2006
14.1.5	37-2	Recommended Design Criteria for Molded Terminal Blocks	3	Revised 2006
14.1.6	37-2	Recommended Design Criteria for Multiple Unit Binding Post Type Terminal Block	2	Reaffirmed 2006
14.1.8	37-2	Recommended Design Criteria for Molded Binding Post Type Terminal Block, Details & Assemblies	3	Reaffirmed 2007
14.1.9	37-2	Recommended Practices for Arrester Terminal Block Assemblies with Ground Straps	1	Reaffirmed 2006
14.1.10	37-2	Recommended Design Criteria for Binding Posts	4	Revised 2006

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<u>Part</u>	<u>C</u>	<u>Type & Subject</u>	<u>Pages</u>	<u>Status</u>
14.1.11	37-2	Recommended Design Criteria for Binding Posts, Nuts & Washers, Details & Assemblies	2	Revised 2006
14.1.12	37-2	Recommended Design Criteria for Standard Binding Posts	2	Reaffirmed 2006
14.1.15	37-2	Recommended Design Criteria for Terminal Connectors, Details	4	Revised 2008
<u>14.2 Recommended Electrical Devices</u>				
14.2.1	37-2	Recommended Design Criteria and Functional/Operating Guidelines for Incandescent Electric Lamps	9	Revised 2005
14.2.10	37-1	Recommended Design Criteria for a Transformer, Dry-Type, Air-Cooled	10	Revised 2009
14.2.15	37-2	Recommended Design Criteria for Resistors	6	Revised 2006
14.2.20	37-1	Recommended Design Criteria for Air-Cooled Reactor for Line and Track Circuits	4	Revised 2004
14.2.25	37-2	Recommended Design Criteria for an Impulse Transformer for Coded Control System	3	Revised 2004
<u>14.4 Recommended Foundations</u>				
14.4.1A	36-2	Recommended Design Criteria for a Precast Concrete Foundation, Details	2	Reaffirmed 2005

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<u>Part</u>	<u>C</u>	<u>Type & Subject</u>	<u>Pages</u>	<u>Status</u>
14.4.2A	36-2	Recommended Design Criteria for Components of a Precast Concrete Foundation for 4-in. Mast Assembly	1	Reaffirmed 2005
14.4.2B	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 4-in. Mast Assembly	1	Extended 1998
14.4.3A	36-2	Recommended Design Criteria for Top and Spider Components of a Precast Concrete Foundation for 5-in. and 6-in. Mast Assembly	1	Reaffirmed 2005
14.4.3B	36-2	Recommended Design Criteria for Base and Bolt Components for a Precast Concrete Foundation for 5-in. and 6-in. Mast Assembly	1	Extended 1998
14.4.3C	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 5-in. and 6-in. Mast Assembly	1	Extended 1998
14.4.7A	36-2	Recommended Design Criteria for Top and Base Components of a Precast Concrete Foundation for Signal Bridge Assembly	1	Reaffirmed 1998
14.4.7B	36-2	Recommended Design Criteria for a Spider Component and Nut Assembly of a Precast Concrete Foundation for Signal Bridge Assembly	1	Reaffirmed 2005

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4.4.7C	36-2	Recommended Design Criteria for a Low Profile Precast Concrete Foundation for Signal Bridge Assembly	2	Reaffirmed 2005
14.4.8A	36-2	Recommended Design Criteria for Top and Base Components of a Precast Concrete Foundation for 4 Bolt Single Mast Cantilever 12 ft. - 30 ft. Assembly	1	Reaffirmed 2005
14.4.8B	36-2	Recommended Design Criteria for a Spider Component of a Precast Concrete Foundation for 4 Bolt Single Mast Cantilever 12 ft. - 30 ft. Assembly	1	Reaffirmed 2005
14.4.8C	36-2	Recommended Design Criteria for Slab Components of a Precast Concrete Foundation for 4 Bolt Single Mast Cantilever 12 ft. - 30 ft. Assembly	1	Reaffirmed 2005
14.4.8D	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 4 Bolt Single Mast Cantilever 12 ft. - 30 ft. Assembly	1	Reaffirmed 2005
14.4.8E	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 4 Bolt Single Mast Cantilever 12 ft. - 30 ft. Assembly	1	Reaffirmed 2005

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14.4.9A	36-2	Recommended Design Criteria for Top and Base Components of a Precast Concrete Foundation for 8 Bolt Single Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.9B	36-2	Recommended Design Criteria for a Spider Component of a Precast Concrete Foundation for 8 Bolt Single Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.9C	36-2	Recommended Design Criteria for Slab Components of a Precast Concrete Foundation for 8 Bolt Single Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.9D	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 8 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.9E	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 8 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.10A	36-2	Recommended Design Criteria for Top and Base Components of a Precast Concrete Foundation for 6 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005

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<u>Part</u>	<u>C</u>	<u>Type & Subject</u>	<u>Pages</u>	<u>Status</u>
14.4.10B	36-2	Recommended Design Criteria for Spider Components of a Precast Concrete Foundation for 6 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.10C	36-2	Recommended Design Criteria for Slab Components of a Precast Concrete Foundation for 6 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.10D	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 6 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.10E	36-2	Recommended Design Criteria for a Precast Concrete Foundation for 6 Bolt Double Mast Cantilever 28 ft. - 40 ft. Assembly	1	Reaffirmed 2005
14.4.11	36-2	Recommended Design Criteria for a Precast Concrete Pier for Instrument Housings, Details & Assembly	2	Reaffirmed 2005
14.4.17	36-2	Recommended Design Criteria for Galvanized Steel Foundations, Assemblies, for Flashing-Light Signals	2	Revised 1998

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14.4.19	36-2	Recommended Design Criteria for Galvanized Steel Foundations, Pyramid Type, Assemblies for Highway-Rail Grade Crossing Gate, Wayside Signals	2	Reaffirmed 2001
14.4.21	36-2	Recommended Design Criteria for Galvanized Steel Foundations, Assemblies for Instrument House, Option 1	2	Revised 1998
14.4.21A	36-2	Recommended Design Criteria for Galvanized Steel Foundations, Assemblies for Instrument House, Option 2.	2	Revised 1998
14.4.23	36-2	Recommended Design Criteria for Galvanized Steel Foundations, Assemblies for Instrument Case	2	Revised 1998
14.4.25	36-2	Recommended Design Criteria for Galvanized Steel Case Platform, Assemblies	2	Revised 1998
14.4.30	36-2	Recommended Design Criteria and Installation for Pour-in-Place Foundation	2	Reaffirmed 2005
14.4.31	36-2	Recommended Design Criteria and Installation for Pour-in-Place 60 in. Foundation for Single Base Plate Cantilevers with up to 40 ft. Aluminum Arm and 17 ft. Roadway Clearance	2	Reaffirmed 2005

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14.4.32	36-2	Recommended Design Criteria and Installation for Pour-in-Place 84 in. Foundation for Single Base Plate Cantilevers with Special Applications	2	Reaffirmed 2005
14.4.33	36-2	Recommended Design Criteria and Installation for Pour-in-Place Foundation for Single Base Plate Cantilevers	2	Reaffirmed 2005
14.4.34	36-2	Recommended Design Criteria and Installation for Pour-in-Place Foundation for Bridge Base Plate	2	Reaffirmed 2005
14.4.35	36-2	Recommended Design Criteria and Installation for Pour-in-Place Foundation for Double Base Plate Cantilevers	2	Reaffirmed 2005
14.4.36	36-2	Recommended Design Criteria and Installation for Pour-in-Place Foundation for Quad Base Plate Cantilevers	2	Reaffirmed 2005

14.6 Recommended Hardware, Fittings and Other Devices

14.6.1	37-2	Recommended Design Criteria for Signs Other Than for Highway-Rail Grade Crossings	3	Revised 2009
14.6.2A	36-3	Recommended Design Criteria for Letters, Rounded-Type, 5-1/2-in., Details	1	Reaffirmed 2008
14.6.2B	36-3	Recommended Design Criteria for Numerals, Rounded-Type 5-1/2-in., Details	1	Reaffirmed 2008

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14.6.3	36-3	Recommended Design Criteria for Letters, Rounded-Type, 4-in., Details	1	Reaffirmed 2008
14.6.20	37-2	Recommended Design Criteria for Bolts, Nuts and Threads	2	Revised 2009
14.6.21	37-2	Recommended Design Criteria for Plain and Spring Lock Washers	1	Revised 2009
14.6.22	37-2	Recommended Design Criteria for Cotters (Size-Drilling-Location)	1	Reaffirmed 2006
14.6.27	37-2	Recommended Design Criteria for Wood-Locking Cast Iron Washers for 3/4-in. and 7/8-in. Bolts	2	Reaffirmed 2007
14.6.31	37-2	Recommended Design Criteria for Steel Pipe Conduit	1	Revised 2009
<u>14.7 Recommended Instructions</u>				
14.7.1	37-2	Recommended Instructions for Incandescent Electric Lamps	3	Revised 2005