

# **APPENDIX D**

# **PUBLICATIONS**

## Appendix D

### Publications

#### NATIONAL ASPHALT PAVEMENT ASSOCIATION (NAPA)

The following publications are available from the National Asphalt Pavement Association (NAPA). A more complete listing of available publications and other material can be obtained by contacting either the APAI office or NAPA.

		<b>IS-84</b>	Development of Marshall Procedures for Designing Asphalt Paving Mixtures
		<b>IS-85</b>	Selecting Proper Marshall Procedures for Optimum Asphalt Content of Dense Graded Paving Mixtures
<b>QIP-97</b>	Quality Control for Hot Mix Asphalt Manufacturing Facilities and Paving Operations	<b>IS-97</b>	Blistering in Asphalt Pavements – Causes and Cures
<b>QIP-108</b>	Tender Mixes – Probable Causes, Possible Remedies	<b>IS-98</b>	Cracking and Seating of PCC Pavements Prior to Overlaying with Hot Mix Asphalt
<b>QIP-109</b>	Asphalt Cement Content Diagnostic Approach for Hot Mix Asphalt (HMA) Facilities	<b>IS-101</b>	Guidelines on the Use of Baghouse Fines
<b>QIP-110</b>	Hot Mix Asphalt Segregation: Causes and Cures	<b>IS-107</b>	Estimating User Costs of Asphalt and Concrete Pavement Rehabilitation
<b>QIP-111</b>	The Design of Hot Mix Asphalt for Heavy Duty Pavements	<b>IS-109</b>	Design of HMA Pavements for Commercial, Industrial & Residential Applications
<b>QIP-112</b>	Constructing Quality Hot Mix Asphalt Pavements – Trouble Shooting Guide	<b>IS-111</b>	Pavement Smoothness
<b>QIP-113</b>	Improving Performance of Longitudinal Construction Joints in Hot Mix Asphalt Pavements	<b>IS117</b>	Guidelines For Use of HMA Overlay to Rehabilitate PCC Pavement
<b>QIP-114A</b>	Using Additives and Modifiers in Hot Mix Asphalt - Part A	<b>IS-119</b>	Hot Mix Asphalt for High Stress Applications
<b>QIP-114B-E</b>	Using Additives and Modifiers in Hot Mix Asphalt – Parts B, C, D, & E	<b>PS-12</b>	Recreation Asphalt
<b>IS-69</b>	Stockpiling and Cold Feed for Quality	<b>PS-14</b>	For Your Parking Area Asphalt is Just <b>Better</b>
<b>IS-71</b>	Hot Recycling in Hot Mix Batch Plants	<b>PS-20</b>	Pavement Life Cycle Costing
<b>IS-77</b>	Are Hot Mix Tarps Effective?	<b>PS-21</b>	Which of These Claims Being Made for Concrete Pavement Do You Find Believable?

**THE ASPHALT INSTITUTE**

The following publications are available from the Asphalt Institute (AI). A more complete listing of publications and other material can be obtained by contacting either the APAI office or the Asphalt Institute.

<b>ES-2</b>	Vibratory Compaction of Asphalt Paving Mixtures	<b>MS-2</b>	Mix Design Methods for Asphalt Concrete – And Other Hot-mix Types
<b>ES-3</b>	Design of Hot Asphalt Mixtures	<b>MS-4</b>	The Asphalt Handbook
<b>ES-8</b>	Paving Asphalt	<b>MS-8</b>	Asphalt Paving Handbook
<b>ES-9</b>	Factors Affecting Compaction	<b>MS-10</b>	Soils Manual – For the Design of Asphalt Pavement Structures
<b>ES-10</b>	Cause and Prevention of Striping in Asphalt Pavements	<b>MS-14</b>	Asphalt Cold Mix Manual
<b>ES-12</b>	Asphalt Surface Treatments – Construction Techniques	<b>MS-15</b>	Drainage of Asphalt Pavement Structures
<b>IS-91</b>	Full-Depth Asphalt Pavements for Parking Lots, Service Stations and Driveways	<b>MS-16</b>	Asphalt in Pavement Maintenance
<b>IS-96</b>	How to Design Full-Depth Asphalt Pavements for Streets	<b>MS-17</b>	Asphalt Overlays for Highway and Street Rehabilitation
<b>IS-139</b>	A Simplified Method for the Design of Asphalt Overlays for Light to Medium Traffic Pavements	<b>MS-19</b>	A Basic Asphalt Emulsion Manual
<b>IS-147</b>	Athletics and Recreation on Asphalt	<b>MS-20</b>	Asphalt Hot-Mix Recycling
<b>IS-154</b>	Thickness Design – Asphalt Pavements for General Aviation	<b>MS-21</b>	Asphalt Cold-Mix Recycling
<b>IS-168</b>	Tender Mixes – The Causes and the Cures	<b>MS-22</b>	Principles of Construction of Hot-Mix Asphalt Pavements
<b>IS-169</b>	A Pavement Rating System for Low-Volume Asphalt Roads	<b>SP-1</b>	Superpave PG Asphalt Binder Specification & Testing
<b>IS-173</b>	Energy Requirements for Roadway Pavements	<b>SP-2</b>	Superpave Level I Mix Design
<b>IS-178</b>	Alternatives in Pavement Maintenance, Rehabilitation, and Restoration		
<b>IS-180</b>	Safe Storage and Handling of Hot Asphalt		
<b>IS-181</b>	Asphalt Pavement Thickness Design		
<b>MS-1</b>	Thickness Design – Asphalt Pavements For Highways and Streets		

## AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)

The following publications are available from the American Association of State Highway and Transportation Officials (AASHTO). A more complete listing of publications and other material can be attained by contacting AASHTO.

- AASHTO** Guide for Design of Pavement Structures 1993
- AASHTO** Guide for Design of Pavement Structures Volume 2, 1986

## ORDERING INSTRUCTIONS

Call or write the appropriate organization for purchase or rental instructions.

**Asphalt Paving Association of Iowa**  
3408 Woodland Avenue  
Suite 209  
West Des Moines, Iowa 50266-6506  
Phone: (515) 222-0015  
Fax: (515) 222-1238

**National Asphalt Pavement Association (NAPA)**  
Publications Department  
5100 Forbes Blvd.  
Lanham, Maryland 20706-4413  
Phone: (301) 731-4748  
Fax: (301) 731-4621

**The Asphalt Institute (AI)**  
Research Park Drive  
Box 14052  
Lexington, Kentucky 40512-4052  
Phone: (606) 288-4960  
Fax: (606) 288-4999

**American Association of State Highway and Transportation Officials (AASHTO)**  
444 N. Capitol Street, N.W., Suite 249  
Washington, D.C. 20001  
800-231-3475  
FAX: 800-525-5562

**Iowa Department of Transportation Office Supply**  
800 Lincoln Way  
Ames, Iowa 50010  
(515) 239-1324

## GOVERNMENT PUBLICATIONS

The following publications are available from the Government Printing Office, Superintendent of Documents, Washington, D.C. 20402; phone 202/783-3238. Make checks or money orders payable to Superintendent of Documents.

*Manual on Uniform Traffic Control Devices for Streets and Highways* (MUTCD, 1988 Edition), Stock No. 050-001-00308-02. Price is \$22 (domestic) and \$27.50 (foreign). This new edition incorporates revisions one through five. A list of all official rulings with appropriate effective dates and compliance dates is also contained in this bound edition of the MUTCD. Because incremental revisions will not be made to this edition, subscription service is not necessary.

*Standard Highway Signs Book*, Stock No. 950-044-00000-4. Price is \$30 (domestic) and \$37.50 (foreign) and includes subscription service for revisions. There are currently two revisions available.

*Traffic Control Device Handbook*, Stock No. 050-001-00270-1. Price is \$20 per copy or \$1,500 for 100 copies to a single address.