

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATIONS
TO THE
1999
STANDARD SPECIFICATIONS

EFFECTIVE FOR LETTINGS
ON OR AFTER
SEPTEMBER 1, 1999

Includes February 11-12, 1999 Minutes

INDOT INTERNET ADDRESS: www.state.in.us/dot

1999 STANDARD SPECIFICATIONS WITH SUPPLEMENTALS: www.state.in.us/dot/TS/standard/book

PREFACE

These Supplemental Specifications are a compilation of all revisions to the 1999 Standard Specifications passed by the INDOT Specification Committee and approved by the Chief Engineer. The effective date for this issue is shown on the front. Updated Supplemental Specifications are published every four months with effective dates of January 1, May 1, and September 1.

These revisions to the Standard Specifications are accomplished by deleting material from the Standard Specifications and inserting new material. Deletions are usually shown first, followed by new or replacing material. In tables and charts with columns, the new material appears below the deletions. Deletions from the Standard Specifications are identified by two ways, either by overstriking the deleted material or by written instructions when the deleted materials are complete paragraphs and five consecutive lines or more. New material that is inserted in the specifications is printed in *italics*.

The written instructions include the section number and the first affected line number. Such instructions no longer include the Standard Specifications page number. Line numbers which appear in the Standard Specifications also appear in the Supplemental Specifications material. Line numbering is shown as a continuation of the line numbering of Standard Specifications sections which are extended by means of Supplemental Specifications. The integrity of the Standard Specifications line numbering system is undisturbed by the Supplemental Specifications.

When deleting whole paragraphs, delete the blank space preceding the first paragraph to be deleted and leave the blank space following the last paragraph to be deleted.

Examples:

SECTION 910, BEGIN LINE 859, DELETE AND INSERT AS FOLLOWS:

(e) Square Steel Posts. ~~A type C certification shall be required~~ *Square steel sign post shall be covered by the type of certification specified in the Frequency Manual and in accordance with 916.*

SECTION 913, DELETE LINES 4143 THROUGH 4152.

SECTION 913, AFTER LINE 4153, INSERT AS FOLLOWS:

The last line of new material may appear several lines after line 4153. Everything from the beginning of the new material to the end of the new material is between lines 4153 and 4154.

The line numbers shown in the 1999 Standard Specifications do not reflect the counting of lines through tables. Therefore, lines in tables will be identified by the last line number preceeding the table with alphabetic letters for each line in the table. Such line numbers will be identified, as an example, as Lines 137a THROUGH 137g.

SUPPLEMENTAL SPECIFICATIONS
INDIANA DEPARTMENT OF TRANSPORTATION
1999 STANDARD SPECIFICATIONS

SEPTEMBER 1, 1999

SUBSECTION	LINE	TITLE	DATE REVISED
101.01	27	Abbreviations	2/11/99
104.04	139	Maintenance of Traffic	1/14/99
104.04(d)	213	Traffic Control for Patching on a Two-Lane Roadway.....	1/14/99
105.14	459	Failure to Maintain Roadway, Structures, Barricades and Construction Signs.....	1/14/99
107.12	359	Traffic Control Devices	1/14/99
107.17	580	Opening Sections of Project to Traffic	1/14/99
108.07	337	Determination and Extension of Contract Time	1/14/99
109.01(e)	187	Measurement of Portland Cement Concrete PCC	2/11/99
215	1	<i>CHEMICAL MODIFICATION OF SUBGRADE SOILS</i>	11/19/98
304.01	3	Description.....	2/11/99
305.01	3	Description.....	2/11/99
305.02	17	Materials	2/11/99
305.04	59	Blank Rubblizing Existing PCCP.....	2/11/99
305.05	79	Patching Asphalt Pavement	12/17/98
305.06	97	Patching Rigid PCCP Pavement or Rigid PCCP Base	2/11/99
305.06(a)	127	Patching with Portland Cement Concrete PCC	2/11/99
305.06(b)	160	Patching with HMA Mixture	12/17/98
305.07	163	Blank Retrofit Load Transfer for PCCP	2/11/99
305.10	185	Widening.....	12/17/98
305.10(b)	202	Widening with Cement Concrete PCC	2/11/99
305.11	267	Method of Measurement.....	2/11/99
305.12	271	Basis of Payment.....	2/11/99
307.01	3	Description.....	2/11/99
307.02	10	Materials	2/11/99
307.03	26	General Requirements	2/11/99
307.04	35	Joints.....	2/11/99
307.05	43	Placing Steel Blank.....	2/11/99
307.07	60	Curing	2/11/99
307.08	81	Monolithic Curb.....	2/11/99
307.10	103	Basis of Payment.....	2/11/99
310	1	CEMENT CONCRETE PAVEMENT PATCHING BLANK	2/11/99
401.05(b)	79	Gradation Table for Design ESAL Less Than 10,000,000	2/11/99
401.07	133	Lots and Sublots.....	12/17/98
401.09	144	Acceptance of Mixtures.....	2/11/99
401.16	272	Density	2/11/99
401.16(a)	299	Mainline ESAL Equal To or Greater Than 10,000,000 3,000,000.....	2/11/99
401.16(b)	340	Mainline ESAL Equal To or Greater Than 3,000,000 and Less Than 10,000,000 Blank.....	12/17/98
401.19(a)	498	Mixture	2/11/99
401.19(b)1	510	Mainline ESAL Equal To or Greater Than 10,000,000 3,000,000.....	12/17/98

SUPPLEMENTAL SPECIFICATIONS
INDIANA DEPARTMENT OF TRANSPORTATION
1999 STANDARD SPECIFICATIONS

SEPTEMBER 1, 1999

SUBSECTION	LINE	TITLE	DATE REVISED
401.19(b)2	514	Mainline ESAL Equal To or Greater Than 3,000,000 and Less Than 10,000,000 Blank	12/17/98
401.20(b)1	557	Mainline ESAL Equal To or Greater Than 10,000,000 3,000,000	12/17/98
401.20(b)2	567	Mainline ESAL Equal To or Greater Than 3,000,000 and Less Than 10,000,000 Blank	12/17/98
401.22	598	Basis of Payment.....	2/11/99
402.06	89	Acceptance of Mixtures.....	12/17/98
402.13	254	Compaction.....	12/17/98
402.14	300	Low Temperature Density Requirements.....	12/17/98
405.02	12	Materials.....	2/11/99
408.03(f)1	185	Profilograph.....	2/11/99
500	1	RIGID CONCRETE PAVEMENT.....	2/11/99
601.02	19	Materials.....	2/11/99
601.07	119	Guardrail End Treatments.....	1/14/99
601.07.1	123	Impact Attenuators.....	2/11/99
601.12	152	Method of Measurement.....	2/11/99
601.13	163	Basis of Payment.....	2/11/99
605.06	138	Cement Concrete Center Curbing.....	2/11/99
605.09	239	Method of Measurement.....	2/11/99
605.10	253	Basis of Payment.....	2/11/99
610.01	3	Description.....	2/11/99
610.02	15	Materials.....	2/11/99
610.05	57	Cement Reinforced Concrete Bridge Approach Pavement.....	3/11/99
610.05(a)	65	Machine Method.....	2/11/99
610.05(b)	71	Hand Method.....	2/11/99
610.06	89	Method of Measurement.....	2/11/99
610.07	103	Basis of Payment.....	2/11/99
611.02	11	Materials.....	2/11/99
611.06	84	Method of Measurement.....	1/14/99
611.07	111	Basis of Payment.....	1/14/99
614.01	3	Description.....	2/11/99
614.02	12	Materials.....	2/11/99
614.03	26	Cement Concrete PCC Header.....	2/11/99
619.06	116	Maintaining Traffic.....	1/14/99
702.05	64	Proportioning.....	2/11/99
702.12	517	Consistency.....	2/11/99
702.13(g)	728	Test Beams.....	2/11/99
702.24	1276	Application of Loads to and Acceptance of New Concrete.....	2/11/99
704.05	80	Finishing Concrete.....	2/11/99
705.03	18	Construction Requirements.....	2/11/99
707.02	18	Materials.....	11/19/98
707.05	164	Forms.....	11/19/98
707.06	211	Placing and Finishing Cement Concrete.....	11/19/98

SUPPLEMENTAL SPECIFICATIONS
INDIANA DEPARTMENT OF TRANSPORTATION
1999 STANDARD SPECIFICATIONS

SEPTEMBER 1, 1999

SUBSECTION	LINE	TITLE	DATE REVISED
707.10	348	Method of Measurement.....	11/19/98
707.11	354	Basis of Payment.....	11/19/98
711.69	911	Method of Measurement.....	11/19/98
711.70	932	Basis of Payment.....	11/19/98
711.70(b)	1005	Unit Weight Basis	11/19/98
713.05	48	Temporary Approaches	1/14/99
713.08	78	Method of Measurement.....	1/14/99
713.09	89	Basis of Payment.....	1/14/99
722.04	58	Proportioning	2/11/99
722.08	278	Placing and Finishing	2/11/99
722.09	286	Texturing.....	2/11/99
801	1	TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE OPERATIONS.....	1/14/99
803.06(a)	56	Under Traffic	1/14/99
806	1	TEMPORARY TRAFFIC SIGNALS <i>BLANK</i>	1/14/99
808.02	13	Materials	1/14/99
808.07(b)	256	Vehicle Warning Lights	1/14/99
901.02(b)1	174	Requirements	2/11/99
904.01(h)	121	Sampling and Testing	2/11/99
904.02(d)	285	Surface Aggregate Requirements.....	12/17/98
904.02(e)	290p	Sizes of Coarse Aggregates	11/19/98
910.14(e)	859	Square Steel Posts	11/19/98
910.14(e)1	874	Steel	11/19/98
910.14(e)2	875	Fabrication	11/19/98
910.14(e)3	880	Protective Coating	11/19/98
910.14(f)	895	<i>Portable Construction Sign Trailer</i>	2/11/99
912.01(f)	24	<i>Polyethylene Film</i>	2/11/99
913.04	31	Hydrated Lime	11/19/98
913.12	1574	Construction Warning Lights.....	1/14/99
913.13	1724	Flashing Arrow Sign	1/14/99
913.13.1	1724	<i>Temporary Worksite Speed Limit Sign Assembly</i>	2/11/99
913.14(c)	2022	Temporary Pavement Marking Tape.....	1/14/99