

Annual Revisions to the SUDAS Standard Specifications
2021 Edition

If you want to update your printed manual, please print this packet and follow the instructions below. The current edition of the manual, with the latest revisions fully incorporated, can be found on our website - www.iowasudas.org.

Please remove the old sheets and place the revised sheets in your manual. Some pages are completely new and do not replace an existing sheet. Also, some pages do not contain revisions, but are included due to changes on the other side of the sheet or a change in the page number. **PLEASE READ CAREFULLY - PAY ATTENTION TO THE SECTION NUMBER!** Included shading to help distinguish between divisions. Questions can be directed to Beth Richards, SUDAS Program Coordinator, at 515-294-2869 or brich@iastate.edu.

Division	Section	pg #	Summary of Revision(s)
Manual introductory info			Updated the Contributors and Acknowledgments page. <i>Note - if you want to replace the small business card for the spine of your manual, you can print a copy from our website.</i>
1	Table of Contents	i-iv	Updated based on changes made in Division 1.
	1010	ALL	Replace ENTIRE SECTION with enclosed pages. Added new abbreviations and definitions.
	1040, 1.06, C	3-6	Added information on paying for delivered materials if the bid item is deleted.
	1060, 1.02	1-2	Add "and other substitutions" to the title to tie the technical specs back to Division 1.
	1070, 2.08, C	9-12	Added clarification concerning maintenance of the work area during the project.
2	2010, 3.06, B and 3.09, C	17-18	Eliminated confusion and expanded options to include loaded truck and weighted/ticketed truck. Deleted old ASTM references and replaced with new one.
3	Table of Contents	i-ii	Updated based on changes made in Division 3.
	3010, 2.05, B	7-8	Changed Iowa DOT Gradation 13 to 13a.
	Figure 3010.102	1-2	(Starts on the back of Figure 3010.101). Iowa DOT requested adding a note at the top to state it is not intended for primary roadways.
	Figure 3010.103	1	Iowa DOT requested adding a note at the top to state it is not intended for primary roadways.
	Figure 3010.104	1	Iowa DOT requested adding a note at the top to state it is not intended for primary roadways.
	3020	ALL	Added information for surface restoration.
4	Table of Contents	v-vi	Updated based on changes made in Division 4.
	4010, 1.08 and 2.01	1-10	Expanded options for lining of concrete pipe to include PVC and HDPE.
	4050, 1.03	1-2	Added requirements related to styrene dispersion identified in recent research.
	4050, 2.01, A	7-8	Corrected ASTM reference typo.
	4050, 3.03, E-G	15-18	Corrected outline typos.
	4060, 3.02	3-7	Deleted visual inspection item and renumbered items that followed.
5	Table of Contents	i-ii	Updated based on changes made in Division 5.
	5010	3-11	Deleted prestressed concrete cylinder pipe and updated material requirements for ductile iron pipe.
	5020, 3.03	7-8	Clarified the fire hydrant placement and orientation to meet 2018 International Fire Code.
	Figure 5020.201	1	Clarified that the anchor tee is part of the fire hydrant assembly.
	5030, 3.06-3.08	5-6	Updated to provide an alternate sampling process.

6	Table of Contents	ALL	Updated based on changes made in Division 6.
	6010, 1.08, 2.09, and 2.13	1-10	Expanded options for lining of concrete pipe to include PVC and HDPE. Updated ASTM reference. Added steps for structures deeper than 20 feet.
	6010, 3.05 and 3.06	17-18	Corrected formatting errors.
	Figures 6010.301-405	ALL	Added steps for structures deeper than 20 feet; updated infiltration barrier depiction and note.
	Figure 6010.513	1	Updated notes.
	Figure 6010.542	1-4	(Starts on the back of Figure 6010.541, sheet 2). Reissued to remove "interim" from the title block.
7	Table of Contents	v-x	Updated based on changes made in Division 7.
	7021	ALL	Deleted Hamburg testing requirement from subsection 2.05; affected pages that followed.
	7030, 3.04 and 3.05	7-12	Clarified maximum, target, and minimum cross slope requirements, which shifted pages down. Also changed the default to curing PCC sidewalks, shared use paths, and driveways (rather than "when specified").
	7040, 1.01, 1.02, 1.08, 2.01, and 3.01	1-8	Added information for restoring the pavement after utility locations. Designated a specific gradation to extend grout.
	7040, 3.11	15-16	Added information for restoring the pavement after utility locations.
	Figure 7040.101	1	Expanded joint options depending on paving sequence.
	Figure 7040.102	1	Expanded joint options depending on paving sequence.
	Figure 7040.107 (new)	1	Added new figure for restoring the pavement after utility locations.
	7080, 2.03	3-4	Deleted the AASHTO and ASTM references in the various aggregates as they do not match the Iowa DOT's gradations. Changed Iowa DOT Gradation 13 to 13a.
	7080, 3.01, 3.05-3.09	5-8	Updated compaction standards for the various layers when constructing a permeable interlocking pavement.
8	Table of Contents	i-ii	Updated based on changes made in Division 8.
	8010, 2.01, A, 4	3-14	Added HDPE handhole to acceptable products, which shifted pages down.
	Figure 8010.103	1-2	(Starts on the back of Figure 8010.102, sheet 4). Added an HDPE handhole.
	8030, 2.02, E	3-4	Minor correction.
9	9010, 1.08, D, 3	3-4	Clarified confusion of MGAL.
	9010, 2.07, C, 5	13-14	Updated AASHTO reference.