

**Annual Revisions to the SUDAS Standard Specifications**  
2022 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](http://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.

<i>Division</i>	<i>Section</i>	<i>pg #</i>	<i>Summary of Revision(s)</i>
Manual introductory info			Updated the Contributors and Acknowledgments and the General Table of Contents pages. <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	1010, 1.02	1-2	Added abbreviations for API and NPDES.
	1090, 1.04, C	1-2	Added standard markup for the general contractor when subcontractor executes an extra work order.
2	Table of Contents	i	Updated Table of Contents based on changes made to Division 2.
	2010	3-14	Added bid items for option to provide topsoil, updated topsoil information, and other minor revisions.
3	3020, 2.01 and 2.02	1-2	Added fusible pipe as an option. Added equivalent material to improve availability and potentially reduce costs.
4	4010, 2.01 and 2.02	5-8	Modified HDPE liner thickness and joint requirements to include additional products. Added fusible PVC and HDPE pipe.
	4050, 3.01, D, 1	11-12	Minor revision.
5	Table of Contents	i-iv	Update Table of Contents based on changes made to Division 5.
	5010, 1.08 and 3.10-3.12	3-13	Added abandonment and removal as options for water mains.
	5011	ALL	Added new section on fusible pipe.
	5020	ALL	Replace ENTIRE SECTION with enclosed pages (INCLUDING figure). Added alternate fire hydrant assembly option. Added language to ensure the anchor tee and hydrant locations are specified.
	5030, 3.01-3.09	3-6	Updated testing procedures to match AWWA C651.
6	6010, 2.09, A	5-6	Added softening point requirement for use of high density polyethylene adjustment rings in asphalt.
	Figure 6010.545	1-4	(Starts on the back of Figure 6010.542, sheet 4; ends with Figure 6010.601, sheet 1 on the back). Clarified labeling of rebar.
7	Table of Contents	iii-iv & xiii	(Replace pages iii-iv; page xiii is new). Updated Table of Contents based on changes made in Division 7.
	7010, 2.01, 3.01, & 3.02	5-14	Various PCC paving updates. Added note for top of curb to drain to street when adjacent to Class A sidewalk.
	Figure 7010.101	1-8	(Ends with Figure 7010.102, sheet 1 on the back). Minor formatting correction.
	Figure 7010.103	1	Added requirement for minimum amount of concrete outside of casting when it is not centered.
	Figure 7010.901	1	The transverse joint spacing for pavements > 10" should be 17' (changed w/2020 Edition).
	7011, 3.02, J, 1, e	7-8	PCC paving updates.

7 (con't)	Figure 7020.201	1	(Ends with Figure 7020.901, sheet 1 on the back). Added requirement for minimum amount of concrete outside of the casting when it is not centered. Added use of 'B' joint for post PCC construction cut and extracted boxouts.
	Figure 7020.902	1	No changes to this figure; reissuing to remove figure from back.
	Figure 7020.903	1	(Figure was formerly 3 sheets and has been reduced to 1). Moved sheets 2 and 3 to new Figure 7021.101.
	Figure 7021.101 (new)	1-2	Added details formerly included on Figure 7020.903 as they are related to overlays.
	Figure 7030.101	1	Added information on the slope of the curb transition at driveways.
	Figure 7030.102	1	Added information on the slope of the curb transition at driveways.
	Figure 7030.201	1	Added note for top of curb to drain to street when adjacent to Class A sidewalk.
	Figure 7030.202	1	Added note for top of curb to drain to street when adjacent to Class A sidewalk.
	Figure 7030.208	1	Shading is missing from the turning space.
	7040, 3.03, B, 5	9-10	Various PCC paving updates.
	Figure 7040.102	1	Clarified the type of joint to use.
	Figure 7040.105	1	Minor corrections.
	7092 (new)	ALL	Added new section and figure addressing crack and seat projects in urban areas.
8	Table of Contents	i-ii	Updated Table of Contents based on changes made in Division 8.
	8010	ALL	Replace ENTIRE SECTION with enclosed pages (INCLUDING figures). Revised the traffic signal section based on guidance from the SUDAS Traffic Signal Committee.
	8030, 2.03	3-4	Added channelizing devices that comply with NCHRP 350 of MASH-16 (Manual for Assessing Safety Hardware).
9	9020, 2.01, A	3-4	Updated the list of available cultivars for sod.
	9030	ALL	Replace ENTIRE SECTION with enclosed pages (INCLUDING figures). Updated specifications requirements based on industry input.
	9040, 1.08, V	7-8	Provided bid item addition for temporary erosion control to be used when the project will extend over the winter.
	9080, 2.01, B	3-4	Added information for independent staging of steps and wall construction.
	Figures 9080.101	1	No changes to this figure; reissuing to start Figure 9080.102 on the back.
	Figure 9080.102	1-2	(Starts on the back of Figure 9010.101). Added information for independent staging of steps and wall construction.