

**Annual Revisions to the SUDAS Design Manual**  
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](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 chapters. Questions can be directed to Beth Richards, SUDAS Program Coordinator, at 515-294-2869 or [brich@iastate.edu](mailto:brich@iastate.edu).

<b>Chapter</b>	<b>Section</b>	<b>pg #</b>	<b>Summary of Revision(s)</b>
Manual introductory info			Updated the Contributors and Acknowledgments page and the general table of contents. <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	ENTIRE CHAPTER	ALL	Updated the chapter based on current practices.
2	Table of Contents	i-ii	Minor formatting correction.
	2A-2, B, 2, a	1-2	Updated Iowa DOT Local Systems I.M. reference.
	2A-4	1-4	Corrected references.
	2E-2	9-10	Error corrections.
	2E-2	13-16	Error corrections.
4	4C-1, B	1-2	Revised water main LUST interaction.
	4C-1, E, 3	3-4	Clarified fire hydrant clear space requirements.
5	Table of Contents	i-iv	Updated to reflect changes made in Chapter 5.
	5C-1	3-6	Added a minimum street width alternative for agencies who have a larger fire apparatus.
	5C-2	ALL	Updated to reflect new lane width and capacity relationships. Added language to meet 2018 Fire Code.
	5D-1, A	1-2	Minor correction.
	5E-1, I	13-14	Minor corrections.
	5G-2	13-14	Formatting corrections.
	5I-2, B, 2	1-2	Updated hyperlink.
	5I-3	ALL	Addressed re-establishment of the pavement following cutting of core holes in pavements for utility locations.
	5I-4, B	1-2	Updated hyperlink.
	5J-1, C, 1, b	9-10	Deleted the temperature requirement per Iowa DOT's revisions.
	5L-3	5-8	Added a note stating the distance may be adjusted based on lot dimensions or zoning code.
	5L-4, B and C	1-4	Updated point of width measurement, established width based on number of garage stalls, clarified joint driveway width, and updated distance from intersection.
	5M-1, C and E	7-10	Updated references.
5O-1, D & E	1-2	Updated references.	

6	6D-1, G	9-10	Updated references.
	6D-1, I	13-14	Updated references.
	6E-1, E & F	7-10	Updated references.
	6F-1, F, 2	5-6	Minor correction.
	6H-1, B, 2, b	3-4	Minor correction.
7	7E-10, B	1-2	Changed "Office of Bridges and Structures" to "Bridges and Structures Bureau."
	7E-27, B	1-2	Updated hyperlink.
9	9B-4, C	1-2	Updated reference title.
	9D-1, B	1-2	Updated hyperlink.
11	11C-1, B, 6, a	7-8	Updated name of MnDOT reference.
12	12A-4, E	1-2	Updated Iowa DOT Specifications reference.
	12B-2	ALL	Changed "Office of Design" to "Design Bureau" (multiple times) and other minor corrections.
13	Table of Contents	i-ii	Added page numbers that were mistakenly missing.
14	14C-2, A, 2, a	3-4	Updated reference.
	14C-2, A, 2, b	7-8	Minor correction.
	14D-1	1-2	Deleted inactive hyperlink.