

 <div style="text-align: center;"> <h1 style="margin: 0;">Council</h1> <h1 style="margin: 0;">Communication</h1> <p style="margin: 0;">Office of the City Manager</p> </div>	Date:	April 3, 2017
	Agenda Item No.	7
	Roll Call No.	<u>17-0572</u>
	Communication No.	<u>17-330</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Approving and Adopting the Iowa Statewide Urban Design and Specifications (SUDAS) Design Manual, 2017 Edition, and the SUDAS Standard Specifications, 2017 Edition, as the official design standards and standard specifications for the City of Des Moines, Iowa.

SYNOPSIS:

Recommend approval and adoption of the latest editions of the SUDAS Manuals, which are known as the SUDAS Design Manual, 2017 Edition, and SUDAS Standard Specifications, 2017 Edition as the official design standards and standard specifications for construction of public improvements in the City. To be in effect beginning with all projects authorized by the City Council on and after April 3, 2017, which shall remain in effect until such time as they are further amended by this Council.

The SUDAS Design Manual and SUDAS Standard Specifications are statewide standards for design and construction of urban public improvements in Iowa, which are the product of a joint effort by many local jurisdictions to ensure that public improvements will function adequately, reduce maintenance problems, are durable and safe, and most of all cost effective to the public within each jurisdiction using these design standards and standard specifications.

FISCAL IMPACT: NONE

Reduced construction costs by adopting updated Statewide Standards that save contractors' overhead costs.

ADDITIONAL INFORMATION:

- The City Engineer now recommends approval and adoption of the latest editions of these SUDAS Manuals, which are now known as the SUDAS Design Manual, 2017 Edition, and SUDAS Standard Specifications, 2017 Edition as the official design standards and standard specifications for construction of public improvements in the City, to be in effect beginning with all projects authorized by the City Council on and after April 3, 2017, which shall remain in effect until such time as they are further amended by the Council. City Supplemental Specifications supersede SUDAS Standard Specifications.
- The Engineering Department has worked with the Municipal Arborist to make changes to the City Supplemental Specification on such items as tree protection and planting specifications.

- The non-profit corporation, SUDAS Corporation comprised of representatives of the Iowa Department of Transportation (IDOT) and Iowa cities and counties, and other stakeholders including Metropolitan Planning Organization's (MPO's), Transportation Management Area's (TMA's), and consultants, provides ownership and management of these statewide standards for urban public works improvements in Iowa. The SUDAS Corporation, working with the Institute for Transportation at Iowa State University (InTrans), has continued to update said SUDAS Design Manual and SUDAS Standard Specifications and develop them in accordance with an existing Intergovernmental 28E Agreement.
- The SUDAS Corporation has an extensive statewide district committee structure and various technical committees, all comprised of professional engineers representing Iowa stakeholders. Representatives from the Engineering and Public Works Departments participate in the various committees, and three (3) representatives of the Engineering Department sit on the 37-member SUDAS Board of Directors. These committees meet to review the statewide standards for design and construction of urban public improvements and recommend changes that need to be made due to regulatory changes, changes of materials, improved construction techniques, and changing technology in the construction industry. After review and approval by the various committees and the SUDAS Board of Directors, the revisions are incorporated into the SUDAS Design Manual and SUDAS Standard Specifications annually.

PREVIOUS COUNCIL ACTION(S):

Date: April 25, 2016

Roll Call Number: [16-0655](#)

Action: [Adopting](#) the Iowa Statewide Urban Design and Specifications (SUDAS) Design Manual, 2016 Edition, and the SUDAS Standard Specifications, 2016 Edition, as the official design standards and standard specifications for the City of Des Moines, Iowa. Sponsor: Mayor Cownie. ([Council Communication No. 16-233](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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