

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: April 9, 2012
	Agenda Item No. 10 Roll Call No. <u>12-0514</u> Communication No. <u>12-160</u> Submitted by: Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Approving and Adopting the SUDAS Design Manual, 2012 Edition, and the SUDAS Standard Specifications, 2012 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, 2012 Edition, and
- SUDAS Standard Specifications, 2012 Edition

as the official design standards and standard specifications for construction of public improvements in the City of Des Moines, Iowa, to be in effect beginning with all projects authorized by the City Council on and after May 1, 2012, 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:

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

ADDITIONAL INFORMATION:

On October 22, 2001, under Roll Call No. 01-3151, the City Council approved an Amended and Substituted Intergovernmental 28E Agreement relating to Urban Design Standards for Public Improvements and Urban Standard Specifications for Public Improvements, which provided for further updating and development of the Urban Design Standards Manual and the Urban Standard Specifications for Public Improvements as documents to be utilized state-wide for urban construction. The Iowa Department of Transportation (IaDOT) agreed to help develop these manuals on a state-wide basis through the Center of Transportation Research and Education (CTRE) at Iowa State University. The Chapter 28E Agreement provided for assigning these manuals to CTRE so that they could

continue to update these manuals and develop them as documents to be used on a state-wide basis for urban construction.

On February 16, 2005, the Central Iowa Committee (CIC) met to review the status of the license agreement with the CTRE, which was approved on October 22, 2001, under Roll Call No. 01-3151, regarding the Urban Design Standards and the Urban Standard Specifications. CTRE (now the Institute for Transportation at Iowa State University and known as InTrans) believed it had complied with the conditions of said License Agreement. The Central Iowa Committee voted to permanently transfer the license to the Iowa Statewide Urban Design and Specifications (SUDAS) Corporation.

The non-profit corporation, Iowa Statewide Urban Design and Specifications (SUDAS) Corporation, which is comprised of representatives of the Iowa DOT and Iowa cities and counties, and other stakeholders including MPO'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 InTrans, has continued to update said SUDAS Design Manual and SUDAS Standard Specifications and develop them in accordance with the 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 representatives of the Engineering Department sit on the 37-member SUDAS Board of Directors.

Throughout the year, 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.

On February 28, 2011, under Roll Call No. 11-0378, the City Council approved and adopted the SUDAS Urban Design Standards, 2011 Edition, and the SUDAS Standard Specifications, 2011 Edition, as the official design standards and standard specifications for the City of Des Moines, Iowa.

The City Engineer now recommends approval and adoption of the latest editions of these State-Wide Urban Design and Specifications (SUDAS) Manuals, which are now known as the:

- SUDAS Design Manual, 2012 Edition, and
- SUDAS Standard Specifications, 2012 Edition

as the official design standards and standard specifications for construction of public improvements in the City of Des Moines, Iowa, to be in effect beginning with all projects authorized by the City Council on and after May 1, 2012, which shall remain in effect until such time as they are further amended by this Council. 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. City Supplemental Specifications supersede Standard Specifications.

PREVIOUS COUNCIL ACTION(S):

Date: February 28, 2011

Roll Call Number: 11-0378

Action: Approving and Adopting the SUDAS Urban Design Standards, 2011 Edition, and the SUDAS Standard Specifications, 2011 Edition, as the official design standards and standard specifications for the City of Des Moines, Iowa. ([Council Communication No. 11-132](#)) Moved by Hensley to adopt; refer to the City Manager to work with the new Municipal Arborist regarding recommendations for any changes. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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