

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: February 28, 2011
	Agenda Item No. 65B Roll Call No. <u>11-0378</u> Communication No. <u>11-132</u> Submitted by: Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Approving and Adopting the SUDAS Urban Design Standards, 2011 Edition, and the State-Wide Urban Design and Specifications (SUDAS) Standard Specifications, 2011 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 now known as the:

- SUDAS Urban Design Standards, 2011 Edition, and
- SUDAS Standard Specifications, 2011 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, 2011, which shall remain in effect until such time as they are further amended by this Council.

On December 19, 2005, under Roll No. 05-2973, the City Council approved and adopted Addenda No. 5 to the Urban Design Standards for Public Improvements, 2001 Edition (also known as the SUDAS Urban Design Standards for Public Improvements, 2006 Edition), and Addenda No. 7 to the Urban Standard Specifications for Public Improvements, 1998 Edition (also known as the SUDAS Urban Standard Specifications for Public Improvements, 2006 Edition), and designated these documents as the official design standards and standard specifications for construction of public improvements in the City of Des Moines, Iowa, until such time as they are further amended by the City Council.

FISCAL IMPACT:

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

Funding Source: N/A

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 (IDOT) 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 Urban Design Standards and Urban Standard Specifications for Public Improvements 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.

A non-profit corporation, Iowa Statewide Urban Design and Specifications (SUDAS) Corporation, has been formed, which is comprised of representatives of the IDOT, and Iowa cities and counties, and other stakeholders including MPO's, TMA's, and consultants, to provide statewide ownership and management of these statewide standards for urban public works improvements in Iowa. The SUDAS Corporation has an extensive statewide district committee structure and various technical committees, all comprised of professional engineers representing Iowa stakeholders. 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 Urban Design Standards and Urban Standard Specifications for Public Improvements annually by addendum. 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.

The SUDAS Corporation, working with InTrans, has continued to update said SUDAS Urban Design Standards for Public Improvements and SUDAS Urban Standard Specifications for Public Improvements and develop them as documents to be used on a state-wide basis for urban construction in accordance with the 28E Agreement; and has developed a state-wide Steering Committee and district subcommittees so that engineers and city representatives from all jurisdictions state-wide can participate in development of these State-Wide Urban Design and Specifications (SUDAS) Manuals. The SUDAS Corporation has annually issued addenda to these State-Wide Urban Design and Specifications (SUDAS) Manuals.

PREVIOUS COUNCIL ACTION(S):

Date: December 19, 2005

Roll Call Number: 05-2973

Action: Approving Addendum No. 5 to Urban Design Standards for Public Improvements, 2001 Edition, and Addendum No. 7 to Urban Standard Specifications for Public Improvements, 1998 Edition. ([Council Communication No. 05-734](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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