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CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department

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MEMORANDUM

TO: Public Works Committee, Mayor Kooiker, City Council

FROM: Dale Tech PE/LS, City Engineer

SUBJECT: Approval of the Infrastructure Design Criteria Manual (IDCM) and Titles 12, 13, and 16 of the Rapid City Municipal Code (RCMC)

DATE: January 31, 2012

The City of Rapid City appointed a Council Development Committee (CDC) to create a new IDCM which contains design criteria for City infrastructure including streets, water, sewer, drainage and grading. The CDC recommended approval of the IDCM in 2008. In order to adopt the IDCM changes to Titles 12, 13 and 16 of the RCMC needed to be done to remove reference to old criteria and to add reference to the IDCM. City Staff has finished revisions to Title 12 and 13 and the Second Floor Review Committee has finished revising Title 16 of the RCMC to make them consistent with the IDCM and vice versa. During the revisions to the RCMC changes to the IDCM where made to correct errors that were found in the 2008 version as well as minor updates.

All changes to the 2008 version of the IDCM since approval by the CDC are as follows:

- The date of the IDCM has been changed throughout the document to January 2012.
- The Table of Contents was expanded to improve usability of the manual.
- References to “Growth Management” have been changed to “Community Planning & Development Services”
- Misspellings and minor grammatical corrections were made throughout the document. For instance in Section 2.2.1 the definition of Alley was changed from “Alleys shall no provide the only means of access” to “Alleys shall not provide the only means of access.”

Section 1:

No Changes

EQUAL HOUSING OPPORTUNITY

EQUAL OPPORTUNITY EMPLOYER

Section 2:

Table 2-4 on page 2-7; headings corrected due to a formatting error.

Section 2.13.3 Moderate/High/Extreme Fire Hazard Areas; added sentence “The Rapid City Fire Department will make determination of moderate/high/extreme fire hazard areas.” to the end of the section based on a comment received by the Rapid City Fire Department.

Figure 2-1; minimum sidewalk widths were changed from 4 feet to 5 feet for all street classifications except Lane/Place and Local per the recommendation of the Second Floor Review Committee. This is consistent with the proposed changes to Section 12.08.050 of the RCMC regarding sidewalk width. The minimum right of way width for an Industrial street was increased from 59 feet to 60 feet to accommodate the change from 4 foot sidewalk to 5 foot sidewalk.

The pavement widths for Lane/Place and Local were reduced from 28 feet with two sides parking to 24 feet for Lane/Place and 26 feet for Local and the minimum right of way width for Lane/Place was increased from 49 feet to 50 feet to fit the street section into the minimum right of way width. The changes to the Lane\Place and Local streets dimensions were approved by Robert Ellis through e-mail correspondence with the CDC.

Figure 2-6; the figure was updated to show the location of the driver and the distance the driver was located behind the sidewalk was reduced from 10 feet to 8 feet.

Figure 2-9; the figure was corrected to show the intersection on the left rather than the approach on the right.

Section 3:

No Changes

Section 4:

Section 4.3.1; added title “Modeling Software”

Section 5:

No Changes

Staff recommends approval of the IDCM with the effective date concurrent with revisions to Titles 12, 13 and 16 of the RCMC.