Recommendation to adopt the City of Spokane Design Standards

BACKGROUND:
Engineering Services maintains a set of Design Standards used by both City and private engineers to design public works projects. The Design Standards specify how to construct the requirements of the development standards (contained in the SMC) and the recommendations of the Comprehensive Plan. The Design Standards require periodic updates as the development standards, the Comprehensive Plan, construction practices and terminology change over time. The last update to the Design Standards was in 2000. The City Engineer will have the authority to implement and adopt interim amendments to the Design Standards as defined therein.

RECOMMENDATION:
Adopt

Fiscal Impact o N/A  Budget Account: o N/A
- Expenditure: $ #
- Revenue: $ #
- Budget Neutral

ATTACHMENTS:
Include in Packets: Briefing Paper
On file for Review in Office of City Clerk:

SIGNATURES:
Director, Engineering Services
Director, Public Works & Utilities
Deputy Mayor for Mayor
Finance
Counsel President

DISTRIBUTION:
Engineering Services, S Decker
Neighborhood Services, G Hecht
Design standards/2006 agenda.doc

COUNCIL ACTION:
ADOPTED BY
SPOKANE CITY COUNCIL:
February 5, 2007
CITY CLERK
BRIEFING PAPER
Department of Public Works & Utilities
Date: November 13, 2006

Subject:
Design Standards update

Background:
The Department of Engineering Services maintains a set of Design Standards used by both City and private engineers to design public works projects. The Design Standards specify how to construct the requirements of the development standards (contained in the SMC) and the recommendations of the Comprehensive Plan.

The Design Standards require periodic updates as the development standards, the Comprehensive Plan, construction practices and terminology change over time. The last update to the Design Standards was in 2000.

This proposed update does not affect the development standards that the Council recently approved nor ongoing coordination with SRTC.

The proposed changes are relatively minor. The majority involve wording changes necessary for clarity. Examples of changes made are as follows:

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed Revision</th>
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</thead>
<tbody>
<tr>
<td>Section 1: City Engineer – the Spokane City Engineer or his designated representative</td>
<td>Engineer The Director of Engineering Services, Streets, Water or Wastewater Management or his designated representative.</td>
</tr>
<tr>
<td>Section 4: Manholes are required on private sewers 300 or more feet in length. Where manholes are used, spacing shall be 300'.</td>
<td>Manholes are required on private sewers 300 or more feet in length. Where required, manholes shall be at maximum 300' spacing.</td>
</tr>
<tr>
<td>Section 5: Air release valves of a type suitable for sewerage service shall be located at all high points along the force main. The use of air release valves shall be restricted to installations where in the opinion of the Engineer there is no possible alternative.</td>
<td>The use of air release valves shall be restricted to installations where, in the opinion of the Engineer, there is no possible alternative. Air release valves, when permitted, shall be located at localized high points along the force main, shall be of a type suitable for sewage service and shall be located in a manhole for purposes of maintenance.</td>
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Impact:
No fiscal impact.

Action:
We propose adoption of the Design Standards by the Council and the granting of authority the Director of Engineering Services to implement and adopt interim amendments to these Design Standards as he may periodically judge necessary.

For further information on this subject contact Dave Mandyke, Acting Director, Public Works & Utilities, at 625-6320 or dmandyke@spokanecity.org.