

MINUTES
INFRASTRUCTURE REVIEW ADVISORY BOARD
OAK VIEW LIBRARY
October 2, 2013 8:30 a.m.

Members and Alternates Present

Mark Cotter, Jeff Schmitt, Preston Mettler, Scott Hofer, Myron Adam, Phil Gundvaldson, Tim Galbraith, Mark Vellinga, Mark Anderson, Bill Kemmis

Members and Alternates Absent

Chad Huwe, Steve Van Buskirk, Mike Cooper

Others Present

Jeff DesLauriers, Mike Kuno, Cynthia Monnin, Todd Anawski, Chuck Point, Ken Dunlap, Danielle Steven, Kurt Peppel, Chad Hanisch, Michael McMahon, Ryan Johnson, Aaron Fagerness, John Brown, Eric Willadsen, Preston Mettler, Andy Berg, Jeff Dunn, Scott Knutson, Tim Galbraith.

Approval of Minutes of Last Meeting

Schmitt called to approve the September 4, 2013 meeting minutes. Motion was called by Adam, seconded by Cotter. Roll Call: Yeses - Cotter, Schmitt, Hofer, Adam, Gundvaldson, Galbraith, Kemmis, Vellinga, Anderson. Noes, none. Motion passed 9-0.

Business

a. General Conditions Update

Brad Ludens, Principal Engineer presented an overview along with a handout for approval from the Board of the Proposed Revisions to the General Conditions for Public Improvements. Since the September 4 meeting, we have met with several contractors through the SFCA and received their input on the revisions. It is important to know that these revisions are applicable to only CIP projects and do not impact private development. Assuming we are successful today we will go to the Land Use Committee October 15, the full City Council November 12 and hopefully the conditions will be in place December 2.

Question: Getting them by December 2 will help with bids in 2014.

Response: Yes, we would like to have them effective for all of our 2014 projects.

Question: 2.8 - telegrams were left in.

Response: We had actually taken it out, but in conversation with City staff, we left telegram as an option for contractors to send to the city, not the city sending to contractors.

Section 9.4 – came from the contracting community. Noticed typo from last round of revision - 3.5% not 35%, along with a couple more updates.

Schmitt called for a motion to be approved. A motion to approve was made by Adam; the motion was seconded by Cotter. Roll Call: Yeses - Cotter, Schmitt, Hofer, Adam, Gundvaldson, Galbraith, Kemmis, Vellinga, Anderson. Noes, none. Motion passed 9-0.

b. DSCR Reimbursement Rates

Andy Berg, Principal Engineer presented along with a handout the 2013 DSCR rates recommending approval from the board. This does not require council action; final approval is given by IRAB. Rates will apply to all 2013 construction. Same as prior years, rates are based on Engineering News Record Construction Cost Index (CCI) from 7/12 to 7/13, City's three year average weighted bid prices, and DOT's three year average weighted bid prices. Hancock Pipe provides the pipe furnish cost to the City. After review, the recommended rates were established using the CCI (2.4%) along with the Hancock Pipe furnish costs. Pipe furnish costs shown on the spreadsheet include 10% to account for 6% sales tax and an additional 4% for handling costs. All 2013 installations submitted for reimbursements will use these rates, if approved.

The handout shows some extreme changes in prices based on the average weighted bid prices. These are found on items that have little to no bid history and therefore are susceptible to unbalanced bids which can throw the numbers off, but we still put them in there for reference. We decided it was prudent to use the Construction Cost Index.

Question: Remind us how unclassified excavation is handled.

Response: We removed pond costs a few years ago due to the variability of the prices. What we typically do for regional pond reimbursement is ask the developer who is constructing it to submit their bid prices for the work from their contractor. We review against our prices to make sure they are fair prices. If they are in line with average bid prices, we accept the cost estimate and approve construction.

Schmitt asked for a motion on Storm Drainage Reimbursement. Motion was called by Adam and seconded by Galbraith. Roll Call: Yeses - Cotter, Schmitt, Hofer, Adam, Gundvaldson, Galbraith, Kemmis, Vellinga, Anderson. Noes, none. Motion passed 9-0.

c. EDS Updates

Jeff Dunn, Principal Engineer, presented Chapter 10 Engineering Design Standard Changes that included the following:

- Section 1: General

Deleted unnecessary language about guidelines for calculating fire flows, sizes, and locations of fire lines and other items related to fire-fighting operations as these are defined in NFPA codes. Fire Prevention Division reviews and approves all fire systems and appurtenances through the plan review process.

Moved existing text about locations of water mains relative to buildings, etc. to a more appropriate location within the EDS. Deleted text defining certain pipe types as it is unnecessary to have internally restrained joint pipe under drainage ways. Section 2 Fire Hydrants.

With the exception of hydrant spacing along City streets, the Fire Prevention Division reviews and approves all fire hydrant locations and their appurtenances as they relate to fire sprinkler systems through the plan review process.

- Section 3 Valves

Deleted unnecessary language regarding post indicator valves as these items are regulated by NFPA codes. Fire Prevention Division reviews and approves all fire system designs through the plan review process.

Updated text on smith taps. Clarification that individual water “shut offs” (valves and curb stops) are needed such that the fire and domestic services can be operated independently if the other is taken off-line. Deleted portions of text dictating locations of valves since locations vary from project to project. Text deleted on air release valves since the requirement for air release valves is typically project specific.

- Section 4 Meters

Updated text to clarify that water meters are installed by the City.

- Section 7 Service Lines

Revised name of polyethylene piping to PEX piping in keeping with industry standards. Added text that the use of PEX piping in foundations or under footings may change with future revisions to the Uniform Plumbing Code.

Schmitt asked for a motion to go forward to the council. Motion was called by Hofer, seconded by Cotter. Roll Call: Yeses - Cotter, Schmitt, Hofer, Adam, Gundvaldson, Galbraith, Kemmis, Vellinga, Anderson. Noes, none. Motion passed 9-0.

Ryan Johnson, Principal Engineer, presented along with handouts proposed changes for Sanitary Sewer to follow the same course as Brad Ludens. Changes only impact one section of Chapter 9, small changes, but do impact prices.

- Section 9.4.5

Updated text from six to “6” for consistency. The modification does not change the meaning.

- Section 9.4.8.7

Changed title to read Manhole Covers, Manhole External Frame Seals, Manhole External joint Seals, and Manhole Markers. Modifications to this section also included requirement to furnish and install manhole external frame seals and joint seals on all members. The final modification in this section is to remove the reference to fiberglass type manhole markers. These are no longer allowed.

Exterior Frame Seals - the 2012 Subcommittee supported the use of exterior frame seals. Materials cost- \$200.00, Labor \$100.00, total cost per manhole - \$300.00. Approximately 40 Strike I/I Barriers have been installed for monitoring. Strike I/I barriers will not be included in the supplemental specification at this time.

Exterior Joint Seals – Joint wraps \$200.00 per manhole, assumed two joints per manhole, labor not very significant, close to 300.00. Recent data suggest a large reduction in I/I and subsequent treatment cost may be realized if external joint wraps are used. The potential payback period is five years depending on seasonal weather variations.

- Section 9.4.8.10

Applicable information regarding this standard can be found in the Supplemental Standard Specification as well as the standard plates. A reference to the Standard Specifications as added for additional clarification.

Schmitt asked for a motion to go forward to the council. Motion was called by Cotter, seconded by Vellinga. Roll Call: Yeses - Cotter, Schmitt, Hofer, Adam, Gundvaldson, Galbraith, Kemmis, Vellinga, Anderson. Noes, none. Motion passed 9-0.

Other Business:


Jeff Dunn is revamping supplemental specifications for water in another month. Basically it is being moved around, changing some texts. Are there any Engineers that could spend one or two meeting at two hours a shot regarding this? Myron Adams, Chad Hanisch and Eric Willadsen volunteered.

Next meeting Jeff Schmitt is proposing to bring forth some discussion points on annexation and then annexation would go to Land Use and then City Council.

Schmitt called a motion to adjourn. Motion to adjourn by Cotter, seconded by Mettler.

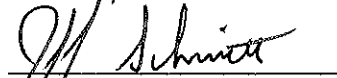
Adjournment

The next IRAB meeting is set for November 6, 2013 at 8:30 a.m., at the Oak View Library. A motion was made by for adjournment at 9:37 a.m.



Maureen Buller

Secretary



Jeff Schmitt

Chief Planning and Zoning Official