



Minutes
Fire Station Oversight Committee
Thursday, July 23, 2015

Present: Steve Arnold, Chair; Jason Gonzalez, Pat O'Brien, Carol Poole
Also present: Dennis Limmex (Tri-North), Trevor Frank (SEH), Chad Grossen, Dave Berman, Brian Myrland, Tom Hovel. Presentations by Sherrie Gruder and John Evans

1. **Call to Order**—Meeting was called to order by Chairperson Arnold at 5:22 p.m.
2. **Approval of June 10, 2015 Minutes**—Motion Gonzalez, second by Poole to approve minutes of June 10, 2015, was carried.
3. **Madison Fire Station Sustainability Measures**—Committee heard two presentations regarding this issue. First, Sherrie Gruder with UW Extension presented on building impact, life cycle cost and importance of LEED Buildings. Next, John Evans, an engineer with Sustainable Engineering Group, presented performance of green techniques, construction and operational costs for Madison Fire Stations 12 and 13. He also presented a layout for a geo-thermal system for the west station.
4. **West Station Mechanical, Plumbing and Electrical System Direction**—The committee did not reach agreement on need for building commissioning, as is required by LEED. This will be discussed further. The Committee reached consensus on the use of the following building systems, and recognized the impact to budget, but felt that the long-term sustainability and cost measures are important:
 - a. Heating and cooling to be in-floor radiant with geothermal system (estimated add of about \$165,000). In-floor radiant heat was thought to be essentially useful in the apparatus bays, and this then led to the idea of limiting overall system type to one major type. The committee estimated about 6-8 zones may be required.
 - b. Use of LED lighting in lieu of standard, estimated 5 year payback, (estimated add of about \$50,000-\$55,000)

The architect/engineer will come back with additional information on solar hot water. Their estimate was a \$15,000 addition to cost, with a 25 year payback. They will reexamine to see if that was a combined system or only solar. The Committee also will wait to discuss photo-voltaic, and recognized the comment by the presenters that it is better to use more insulation than install renewable energy systems. Use of a green roof on part of the building was discussed and will not be used on the west building. This may be discussed at a later meeting.

Committee agreed to the use of modified trench drains, using where vehicles are intended to be located. Slush and chunks of ice and snow in other areas can be easily pushed into the drain.

West Station Interior Finishes – Architect will provide a finish selection for each room of the building for committee review.

As building systems and finishes become decided, Tri-North will prepare an estimate of building cost.

5. Announcements

- i. Next Oversight Meeting- A tour of the Madison stations some Wednesday afternoon will be set. Next Oversight Committee will be August 12 at 5:00 p.m.

6. Adjournment

Motion by Gonzalez, second by O'Brien to adjourn was carried at 7:50 p.m.