

PROCEEDINGS OF THE CENTRAL BROWN COUNTY WATER AUTHORITY
TECHNICAL COMMITTEE

Pursuant to Section 19.84 Wis. Stats, a special meeting of the **Central Brown County Water Authority –Technical Committee** was held on Friday, August 15, 2008 at the Allouez Village Offices – 1900 Libal Street, Green Bay, Wisconsin

Present: Allouez-Berndt; Bellevue-Simonson; DePere-Thoresen; Howard-Farr;
Lawrence-Little, Ledgeview-Brosteau

Also

Present: Dave Vaclavik – PMP; Gary Rosenbeck-McMahon Associates
Chuck Behnke, Jerry Halverson -Manitowoc County Highway Department
Mark King - River Valley Testing
Frank Lemens - Cooperstown

The meeting was called to order by Chairman Scott Thoresen at 8:35 p.m.

ROLL CALL:

Call the roll for attendance.

Roll Call as noted above.

APPROVAL OF AGENDA:

Approve Agenda

Motion made by Bellevue and seconded by Allouez to approve the agenda.

MOTION APPROVED UNANIMOUSLY

APPROVAL OF MINUTES:

None

APPEARANCES:

1. **Manitowoc County Highway Department**
2. **Various Representatives - Cooperstown**
3. **River Valley Testing:**

COMMUNICATIONS:

1. None

AGENDA ITEMS:

1. **River Valley Testing Report and Recommendations regarding Trench Settlement:**

Mark King of River Testing was present to discuss his report dated 8/6/08 relative to sinkholes which have developed along County Highway R. Mr. King reported that testing found pot holes and boulders in the general area of where

sinkholes had developed. The sink holes extended 12 to 18", primarily located over fiber optic cable. It is the opinion of River Valley Testing that the sinkholes developed due to voids created during plowing of cable at time of installation. King stated that rains during the summer and runoff during the winter opened the voids.

King described some of the boulders as being almost 2 ft in diameter. Rosenbeck indicated that after reviewing specifications, nothing was to be larger than one inch. King stated that generally 90% compaction is necessary and this was not met. When asked why the Cooperstown area had so many voids in comparison to other areas of the project, King responded that although he was not sure, it could be related to the time of year the cable was installed.

Recommendations from River Valley Testing included: 1) remove and place the material around the fiber optic cable in areas where sinkholes are occurring; and 2) to patch the sinkholes as they develop.

Rosenbeck stated he has talked to Dorner about excavating and replacing fiber optic and he has stated their comfort level is excavating to 18" or it would require hand digging. Chuck Behnke of the Manitowoc County Highway Department stated that 18" may not be feasible for drainage and ditching purposes. Rosenbeck stated he has received a proposal from Dorner in the range of \$60,000 to \$70,000.

Discussion resulted in the following corrective work directive summary (included in motion).

Motion made by Bellevue and seconded by Allouez to recommend the following corrective work directive summary:

- **Direct MPU to survey entire pipeline and cable, specifically 2000 ft on either side of Zander Road, I47 North (Cooperstown)**
- **Fill all sinkholes excavating down at least 18"**
- **Removal any boulders larger than 6 inches**
- **Re-compact material, adding new material as necessary**
- **Cover with topsoil and reseed**
- **Lower fiber optic cable to meet specifications**
- **Inspector on site full-time**

Mr. Rosenbeck asked if the intention of the committee is to execute a change order to Dorner in the proposed amount – up to \$70,000. A discussion over responsibility for payment resulted in the comment that if Dorner did not meet specifications, they should perform the repair at their cost. Because there was not a consensus of this committee for a recommendation to the Board, the motion was withdrawn. It was suggested that a special meeting be held on Wednesday morning, August 20, 2008. MPU, however, will be directed to move forward and complete the survey on a time and materials basis.

MOTION WITHDRAWN

Motion made by Bellevue and seconded by Allouez to direct discussion to a special meeting on Wednesday, August 20, 2008, with a recommendation that MPU conduct locates on a time and material basis.

MOTION APPROVED UNANIMOUSLY

Issues at the intersection of Johnson Drive & Magnolia relative to spalling were discussed with Mark King of River Valley Testing. He explained that two test pits were performed with the results indicating relatively low density and high moisture content. RVT recommends additional analysis be performed on the concrete pavement to include a review of the concrete mix design, placement and curing methods used in construction, weather conditions at the time of placement, as well as petrographic analysis on obtained core specimens. A proposal for these recommendations will be presented at the Wednesday Board meeting.

2. **Manitowoc County Highway Department Issues: Chuck Behnke**

- a. **Repair of Sinkholes** – River Valley Testing recommends the trench backfill located in the ditch line in areas containing boulders and cobbles where the fiber optic cable was plowed in place, be removed from above the fiber optic cable and be replaced with properly compacted fill. As an alternative to the extensive remove and replacement method, they recommend patching sinkholes as they develop.
- b. **Gravel Shoulders** – Mr. Behnke indicated that many of the shoulder problems involve Dorner's contract and are warranty issues. Mr. Rosenbeck will define the issues and put the contractor on notice.

Goeff Farr excused 9:50 a.m.

- c. **Exposed Fiber Optic Cable:** Mr. Behnke indicated that in many areas fiber optic cable is exposed or very shallow and will be an issue with the Highway Department related to ditching work and winter maintenance. When asked if a two foot bury would be sufficient, he agreed to discuss with Gary Kennedy and report back.
- d. **Driveway Drainage:** Suggestions were made to correct this issue, however, have not been in agreement with Highway Commissioner Gary Kennedy. Mr. Rosenbeck will approach him again.
- e. **Asphalt Paving – Request for Compensation from Manitowoc County in the amount of \$13,000:** This claim involves S J Lewis relative to Manitowoc County's utility policy.

3. **Culvert Damage at Pine Grove Blvd:**

Mr. Rosenbeck indicated he will review the video and report at the Wednesday meeting. No Action.

4. **System Pressure Modeling:**

No Action

5. **Hobart Booster Station Repair – Recommendations and Award:**

Change Order #4 was distributed for review. This change order is to complete modifications at the site of the Howard Booster Pump Station, which would involve replacement of the 1,600 amp automatic transfer switch panel and relocate the 230 kW generator set. Mr. Rosenbeck was asked to verify the setback and report at the Wednesday, 8/20/08 meeting.

6. **Corrpro Status Report:**

Mr. Rosenbeck reported that he met with Mark Lambert of MPU to discuss discontinuity and locating issues. Mr. Lambert agreed to re-survey two sections.

Because there has been no response from Corrpro in many months, after many contacts, it was suggested that their CEO be contacted informing him that their contract will be voided if they continue to be unresponsive.

Other:

WPS is building a high pressure gas line through Denmark and they need 400,000 plus gallons of water. As the City of Denmark has stated they cannot provide the water as their well is down, WPS now wants to buy water from the CBCWA. Rosenbeck explained the only way to provide them water is through a valve and manhole which is nearby, all work and expenses to be done by a WPS contractor. The CBCWA would charge them for the water estimated, at \$1,300. The consensus of the committee was to deny.

Adjourn:

Special Meeting – Wednesday, August 20, 2008 – 10:00 a.m.

Motion made by DePere and seconded by Bellevue to adjourn at 10:40 a.m.

MOTION APPROVED UNANIMOUSLY

Respectfully submitted,

Rae G. Knippel
Recording Secretary