




# DuPage Water Commission

## MEMORANDUM

TO: Chairman Rathje and Commissioners

FROM: Robert L. Martin, P.E.  
General Manager 

DATE: April 7, 2009

SUBJECT: Supplemental Board Package Material

Attached please find the following:

1. Response to Commissioner Chaplin's inquiries dated March 26, 2009 and March 30, 2009 regarding Data Communication Companies
2. PSC-04/08 LPS Monthly Progress Report – March 2009
3. PSD-7/08 DPS Monthly Progress Report - March 2009




# DuPage Water Commission

## MEMORANDUM

TO: Commissioner Chaplin

COPIES: Chairman Rathje and Commissioners

FROM: Robert L. Martin, P.E.   
General Manager

DATE: April 7, 2009

SUBJECT: Response to Inquiry of Commissioner Chaplin  
Data Communication Companies

The following are responses to your e-mails regarding Data Communication Companies:

Sent: Thursday, March 26, 2009 7:27 AM

As you are aware I have been very concerned about suspending the by laws when the DWC should be going out to bid on projects or services.

The following is a list of local Data Communications Companies. Could you please explain in detail the rationale behind the statement made at the March meeting that there are very few Data Communication Companies around. Please explain in detail the process that was used.

Xo Communications  
Adam Knudsen  
810 Jorie Blvd  
oakbrook, IL 60532  
630-371-3174

Globalcom Inc  
200 E. Randolph St  
23rd Floor  
Chicago, IL 60601  
800-589-1531

Paetec  
Jeff Mote  
Manager, Business Development

**900 Commerce Dr Suite 203  
Oakbrook, IL 60532  
312 924 9327 Office  
312 419 2828 Fax**

**Verizon**

**Liz Chaplin**

CIMCO solicited the Commission in early December 2008. Because this happened at the time when the Commission was experiencing problems a meeting was held with them. When CIMCO was told the Commission had existing contracts for service with AT&T, they indicated they could provide the Commission less expensive and better service with little or no penalties. Weeks after the meeting the Commission received a call from XO Communications and when they were told about the existing contracts with AT&T they cut the conversation short and we have not heard back from them. A few weeks later the Commission received a call from Qwest, but again upon learning about the existing contracts with AT&T we have not heard from them again.

During informal discussions with an individual in the telecommunications field for more than 25 years, we asked if he ever heard of CIMCO. He responded with positive feedback by mentioning the work he performed with CIMCO (cutovers) went smoothly.

**Sent: Monday, March 30, 2009 4:15 PM**

**A few more questions regarding the Data Communications proposal.**

**It was stated that last May the DWC lost service for a weekend. Why is it that this is the first we are hearing about this? I have reviewed the minutes from May 2008 to September 2008 there is no mention of any problems with the service.**

At the March 12, 2009 Commission meeting, the Commissioners were informed that the Commission had been experiencing telephone problems including one occasion in which the Commission lost telephone service over the 2007 Memorial Day weekend. In the past when a loss of telephone service occurred, customer utilities were notified immediately of the problem and given the operator's cellular phone number to use, if needed. Recently we have made arrangements to have the Commission's main telephone number forwarded, by AT&T, to the Commission's base cellular phone number to avoid any disruption or missed calls.

**How many times has there been a lack of service? Has it been monthly? Weekly? Daily? Did you get any reason as to what caused the disruption in service?**

The following is a partial list of telephone disruptions the Commission has experienced:

- Friday, February 15, 2008: Lines down intermittently dropping calls, AT&T trouble ticket #HC514614.
- Tuesday, February 19, 2008: Lines down about 10:00 AM, AT&T trouble ticket #HC515041, technician fixed by 7:30 PM (9.5 hour outage).
- Thursday, February 21, 2008: Lines down intermittently dropping calls, AT&T trouble ticket #HC515258.
- Week of September 22, 2008: Lines down intermittently dropping calls, AT&T found a bad cable pair, switched cable pair and technician indicated there are no more good cable pairs available. On September 25, 2008 e-mailed our account representative suggesting they do something about the cables before we have any more outages.
- Early November 2008: Continued having intermittent service, AT&T ticket #'s HC545229, HC545389, HC546539, HC547737.
- Monday, November 17, 2008: E-mailed our account representative again requesting something be done to get the Commission good cable pairs.
- Tuesday, December 9, 2008: Lines down at 9:50 AM, AT&T ticket #HC550571, technician shows up at 2:00 PM could not fix problem. Problem finally fixed on December 10, 2008 at 12:15 PM. Technician reported there was a wet board in a pedestal down the street. (25 hour 25 minute outage).
- Monday, December 22, 2008: Lines down at 7:00 AM, AT&T ticket # HC551782, technician fixed by 12:40 PM (5 hour 40 minute outage).
- Thursday, January 5, 2009: Lines down intermittently dropping calls, 10:00 AM called AT&T chronic trouble ticket issued #HC548143. Technician shows up at 1:30 PM takes phones down to troubleshoot. January 6, 2009 2:30 PM technicians discovered a flooded vault with equipment that was damaged. Phones finally restored and operational by January 7, 2009 12:30 AM. (47 hour outage).
- Tuesday, February 17, 2009 11:50 AM: Lines down intermittently dropping calls, AT&T trouble ticket #HC557095.
- Friday, February 27, 2009 11:30 AM: Lines down intermittently dropping calls, AT&T trouble ticket #HC558230.
- February 28, 2009: Technician on site, no problem found.
- Friday, March 13, 2009 9:30 AM: Lines down intermittently dropping calls, AT&T trouble ticket #HC559058 1:30 PM – 2:30 PM Lines down for troubleshooting.

**What guarantee is there that the DWC won't lose service with any other supplier?**

CIMCO is AT&T's largest customer in the Chicago area with their own equipment in AT&T's central offices. CIMCO has direct ties into AT&T's work order system and they are able to work directly with AT&T to resolve issues in a timely fashion. The following are a few advantages of CIMCO over AT&T:

**Quicker response time.**

CIMCO promotes two hour response and four hour repair times using their own service fleet, whereas AT&T is twenty four hour response and forty eight hour repair.

**Commission's T1 Line**

CIMCO is able to monitor individual T1 lines to resolve issues faster, whereas AT&T monitors a bank of twenty eight T1 lines. AT&T will not resolve problems on an individual line occurrence; there has to be multiple problems before action is taken.

**Again, I am uncomfortable with the fact that we continually get items at the last minute and are asked to make uniformed rushed decisions.**

At the time CIMCO presented a contract to the Commission, the company was offering additional savings through a promotion that would result in a monthly savings of \$325.48. In order to take advantage of the additional savings a Resolution was prepared for approval at the March 12, 2009 Board meeting.

**Liz Chaplin**



**DuPage Water Commission**

**PSC-04/08**

# **Lexington Pumping Station**

Division A – Generator Facility

Division B – Variable Frequency Drives

## **Monthly Progress Report #2**

**March 2009**

Prepared by:

Eric Darlinger / MAI  
Jeremy Nakashima / MAI  
Steve Palac / G&H



**GREELEY AND HANSEN**



**McDonough Associates Inc.**  
Engineers/Architects

April 3, 2009

## Monthly Progress Report – March 2009

The following is a brief report of the progress achieved on the PSC-04/08 project at the Lexington Pumping Station for the month of March 2009.

### I. Summary of Work Performed and Project Status

In similar fashion to the month of February, the PSC-04 project continues to progress as expected. During the month of March the south access road electrical duct bank installation was completed and made ready for cable installation. In addition the retaining wall for the soldier-pile tie-back wall was completed including all “H”-piles, precast concrete panels, and grouting. Guardrail installation above the tie-back wall and extending back east of the reservoir to the south access entrance has also been completed. Finally, the outside of the retaining wall has been backfilled and the interior (roadside) has been partially filled to the same elevation as the exterior. Photographs of this progress can be found at the end of this report.

### II. Project Progress

To be discussed further in the pending items section, a recommendation for time extension of the Completion Date of the Generator Housing Work milestone has been agreed upon by the Contractor and Engineer. A revised schedule reflecting this extension will be submitted and approved, pending Board approval of the recommended change order.

- |                              |                   |
|------------------------------|-------------------|
| • Contract Commencement Date | July 21, 2008     |
| • Contract Duration          | 730 calendar days |
| ○ Days Expended              | 253               |
| ○ Percent Time Complete      | 34.7%             |
| • Approved Time Extensions   | 0 days            |
| • Final Completion Date      | July 20, 2010     |

### III. Planned Work – April 2009

In April, JJH anticipates completing the South Access Road to allow for use by the end of the month. This will include completion of the concrete deadman wall and tie-backs for the soldier pile, all curb/gutter, installation of traffic signals, and placement of backfill and road aggregate.



## Monthly Progress Report – March 2009

### IV. Construction Costs and Progress Payments

The first request for progress payment was approved earlier this month. Since further requests have not been received to-date, the following summary of progress payments includes the first payment.

|                                    |                  |
|------------------------------------|------------------|
| • Original Contract Price          | \$ 17,209,000.00 |
| • Approved Change Orders           | \$ 0.00          |
| • Approved Change Order Percentage | 0.0%             |
| • Revised Contract Price           | \$ 17,209,000.00 |
| • Completed to Date                | \$ 328,104.99    |
| • Percent Completed to Date        | 1.9%             |

### V. Pending Action Items and Project Issues

#### A. *Building Permit*

Construction on the north side of the reservoir cannot begin until the Chicago Office of Underground Coordination (OUC) issues their recommendation of approval to the Chicago Building Department. JJH is working with OUC to secure the permit for the north road. JJH and the design team are working with the Chicago Transit Authority (CTA) regarding CTA's concerns of potential structural impact from the Generator and Generator Electric buildings to their existing infrastructure

#### B. *Department of Environment*

JJH and the design team have completed their work with the equipment supplier to provide the required drawings to the Department of Environment for the underground fuel storage tanks. The permit application has been submitted for approval.

#### C. *Change Orders and Time Extension Request*

As previously mentioned, proposed change order #1 includes an agreed upon time extension to the Completion Date of the Generator Housing Work milestone of June 30, 2009 for 100 calendar days to October 8<sup>th</sup>. In addition, it includes JJH's request for change order #1 and #2 in the amounts of \$18,856.25 and \$9,475.12 respectively. Request #1 is due to the lengthening of "H"-piles for the south access road required by the OUC during their review. Request #2 is a result of modifications to the south access road and utilities installation near the southwest corner of the reservoir to accommodate conflicts with the existing ComEd duct bank. This item appears on the Commission's April meeting agenda as R-21-09.





## Monthly Progress Report – March 2009

Precast concrete panel installation for soldier pile retaining wall



## Monthly Progress Report – March 2009

South Access Road guardrail installed



Soldier-pile wall with guardrail



# Electric Generation Facility & Office/Garage Expansion



## DuPage Water Commission

600 E. Butterfield Road

Elmhurst IL 60126

PSD 7/08

Monthly Progress Report #3

March 2009

**CDM**



April 1, 2009

Mr. Chris Bostick  
Facilities Construction Supervisor/Safety Coordinator  
DuPage Water Commission  
600 East Butterfield Rd.  
Elmhurst, IL 60126

*Subject:* DuPage Water Commission  
Electrical Generation Facility and Office/Garage Expansion  
Monthly Construction Progress Report No. 3

Dear Mr. Bostick:

We herewith submit our Progress Report No.3 for the construction of the Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station covering the one month period from March 1, 2009 through March 31, 2009.

1. *Overview and Status of the Work*

The Electrical Generation Facility and Office/Garage Expansion for the DuPage Pumping Station project consists of the renovation and expansion of the Existing Service Building in both the North and South directions. The North expansion is to create office space, the South expansion is to house four Standby 2500 kW Diesel Engine-Generators and the existing portion is to be the Electrical Room. Due to the conversion of the Existing Service Building a new Garage is to be built. Also, the existing Upper Parking Lot is to be relocated to the Northwest area of the site to allow for the installation of a covered parking structure. The project includes site piping, grading and pavement to accommodate the changes.

In the past month, Williams Brothers Construction, Inc. (WBCI) has excavated, installed forms, rebar and concrete for the Office Building foundations. Additionally, they finished installing the sanitary sewer casing and pipe under the Existing Service Building from Sanitary Manhole #1 to Sanitary Manhole #2. Also, they excavated, installed forms, rebar and concrete for the Generator Equipment Pads in the Generator Building. Additionally, they began installing forms and rebar for the Day Tank area in the Existing Service Building.

2. *Scheduled Upcoming Work/April, 2009*

In the next month, WBCI plans to finish installing and backfilling the Office Building and Generator Building foundations. Excavate, install rebar and forms and place concrete for

the Security Wall and new Garage foundations. Also, they plan to install under slab electrical conduit and plumbing for the Generator and Office Building. Additionally, they plan to install forms and rebar and place concrete for the Day Tank Area inside the Existing Service Building.

3. *Project Schedule*

The March 2009 Construction Schedule update indicates the project's final completion date and the Engine-Generator deliveries will remain on schedule.

*Contract No. PSD-7/08*

|  |                   |
|--|-------------------|
| ▪ Contract Execution Date              | November 25, 2008 |
| ▪ Contract Duration (final Completion) | 730 calendar days |
| ▪ Time Expended                        | 127 days          |
| ▪ Percent Time Complete                | 17.40%            |
| ▪ Approved Time Extensions             | 0 days            |
| ▪ Final Completion Date                | November 24, 2010 |

4. *Construction Costs and Progress Payments*

Applications for Progress Payments have been submitted each month by Williams Brothers Construction, Inc. to commensurate with the work performed. The following is a summary of progress payments.

*Contract No. PSD-7/08*

|                                    |                 |
|------------------------------------|-----------------|
| ▪ Original Contract Price          | \$16,970,000.00 |
| ▪ Approved Change Orders           | \$ 78,175.00    |
| ▪ Approved Change Order Percentage | 0.46%           |
| ▪ Revised Contract Price           | \$17,048,175.00 |
| ▪ Total Completed To Date          | \$ 1,092,517.85 |
| ▪ Percent Completed To Date        | 6.41 %          |

5. *Pending Action Items and Issues*

- There is a Proposed Change Order No. 2 being negotiated for extra work incurred during the installation of the 20" sanitary sewer casing under the Existing Service Building. More information will be provided when the proposal has been finalized.
- There is a Proposed Change Order regarding drain tile installation around the Generator, Office and Existing Service Buildings at the request of the DuPage Water Commission.

Mr. C. Bostick  
April 1, 2009  
Page 3

- There is a Proposed Change Order regarding the installation of a catch basin in the condensate drain from the Engine-Generators at the direction of the City of Elmhurst Plumbing Inspector.

Should you have any questions, please do not hesitate to call.

Very truly yours,

Robert J. Reid  
Resident Engineer  
Camp Dresser & McKee Inc.

cc: David D. Tucker

Mr. C. Bostick  
April 1, 2009  
Page 4



Engine-Generator Equipment Pads



Overview of Generator Building Progress

Mr. C. Bostick  
April 1, 2009  
Page 5



Office Building Foundation Construction



Installation of 5" Steel Conduit for Electrical Service to Plant