



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
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NOTICE IS HEREBY GIVEN THAT THE RESCHEDULED JUNE 2006 ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 7:00 P.M. ON THURSDAY, JUNE 8, 2006, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE RESCHEDULED JUNE 8, 2006 REGULAR COMMITTEE MEETING IS AS FOLLOWS:

AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE
THURSDAY, JUNE 8, 2006
7:00P.M.**

COMMITTEE MEMBERS

G. Wilcox, Chair
R. Benson
W. Mueller
R. Ferraro

**600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126**

- I. Roll Call
- II. Approval of Committee Meeting Minutes of May 11, 2006

RECOMMENDED MOTION: To approve the Minutes of the May 11, 2006 Committee Meeting of the DuPage Water Commission (Voice Vote).

- III. Report of Status of Construction/Operations
- IV. Resolution No. R-21-06: A Resolution Approving and Ratifying Certain Contract Change Orders at the June 8 2006, DuPage Water Commission Meeting

RECOMMENDED MOTION: To recommend to the Commission approval of Resolution No. R-21-06: A Resolution Approving and Ratifying Certain Contract Change Orders at the June 8, 2006, DuPage Water Commission Meeting during the Super/Special Majority Omnibus Vote Agenda.

- V. Adjournment

Board/Agendas/Engineering/Eng0606.doc

MINUTES OF A MEETING OF THE
ENGINEERING & CONSTRUCTION COMMITTEE
OF THE DUPAGE WATER COMMISSION
HELD ON THURSDAY, MAY 11, 2006
600 EAST BUTTERFIELD ROAD
ELMHURST, ILLINOIS

The meeting was called to order at 10:06 A.M.

Committee members in attendance: R. Benson, R. Ferraro, W Mueller, G. Wilcox, and M. Vondra *Ex Officio*.

Committee members absent: None

Also in attendance: T. McGhee, E. Kazmierczak, R.C. Bostick, J. Schori, and F. Frelka

Commissioner Benson moved to approve the Minutes of the April 13, 2006 Engineering Committee. Motion seconded by Commissioner Ferraro and passed unanimously as follows:

Aye: R. Benson, R. Ferraro, W. Mueller, and G. Wilcox
Nay: None
Absent: None

The Committee reviewed the memorandum regarding the Status of Operations dated May 5, 2006.

Commissioner Ferraro moved to recommend to the Commission approval of Resolution No. R-17-06: A Resolution Directing Advertisement for Bids on a Contract for the Relocation and Construction of Cadwell Avenue in Elmhurst, Illinois (Contract PSD-6B/06) during the Majority Omnibus Vote Agenda. Motion seconded by Commissioner Benson. Commissioner Benson asked as to the scope of work that would be completed under this Resolution. Staff informed him that the work was comprised of abandonment of one lane of Cadwell and the reconstruction of the other lane of Cadwell. The motion passed unanimously as follows:

Aye: R. Benson, R. Ferraro, W. Mueller, and G. Wilcox
Nay: None
Absent: None

Minutes 060413 Engineering Meeting

Commissioner Ferraro moved to recommend to the Commission approval of Resolution No. R-18-06: A Resolution Approving and Ratifying Certain Contract Change Orders at the May 11, 2006, DuPage Water Commission Meeting during the Super-Majority Omnibus Vote Agenda. Motion seconded by Commissioner Benson. Commissioner Benson asked if the contractor notified staff of the changes ahead of time, in writing, and if they did, why was there such a large difference in the price of these changes? Staff informed that they were notified in writing, and that many of the claims were for field work that could not be quantified before the work commenced. Commissioner Mueller stated that staff did a good job of handling the dispute. Commissioner Wilcox added that he felt the engineers should be held responsible for some of the problems. Staff informed Commissioner Wilcox that they would be discussing the matter with the engineers in the near future. The motion passed unanimously as follows:

Aye: R. Benson, R. Ferraro, W. Mueller, and G. Wilcox
Nay: None
Absent: None

Commissioner Benson asked if staff was aware of any problems, and staff informed him there were none.

Commissioner Benson moved to adjourn the meeting at 10:15 A.M. Motion seconded by Commissioner Ferraro and unanimously approved by voice vote.

All voted aye. Motion carried.

BOARD/MINUTES/ENG0605.doc



DuPage Water Commission

MEMORANDUM

TO: Robert Martin General Manager

FROM: Terry McGhee Operations Supervisor
Ed Kazmierczak Pipeline Supervisor
Chris Bostick Facilities Construction Supervisor
John Schori Instrumentation Supervisor
Frank Frelka GIS Coordinator

DATE: June 2, 2006

SUBJECT: Status of Operations

Operations Overview

The Commission's sales for the month of May were a total of 2.61 billion gallons. This represents an average day demand of 84.3 million gallons per day (MGD), which is lower than the May 2005 average day demand of 88.8 MGD. The maximum day demand was 105.8 MGD on May 29, 2006, which is lower than the May 2005 maximum day demand of 106.9 MGD. The minimum day flow was 73.4 MGD. The Commission recorded a total precipitation for the month of May of 2.56 inches compared to 1.43 inches for May 2005. The level of Lake Michigan for May 2006 is 577.7 (Feet IGLD 1985) compared to 578.1 (Feet IGLD 1985) for May of 2005.

Operations Construction Overview

Contract PSD-6 Reservoir Addition

Division A – Equipment and Material Storage: On hold until determination of size and type of structure (if any) to be added for Pipe Storage.

Division B – Cadwell Avenue Re-Alignment: The pre-final plans are being sent to the City of Elmhurst and all the utilities for final review and comment before the project goes out to bid.

Contract PSD-7 DPPS Electrical Generation

The Commission received 5 proposals in response to the RFP for a Value Engineering review of the 30% design of the DuPage electrical generation project. Staff held interviews with three of the firms and will have a recommendation to present to the Board at the July 2006 meeting.

Lexington Pump Station Electrical Generation Feasibility Study

Greeley & Hansen is continuing the feasibility study for electrical generation at the Lexington Pump Station. The study report is due in June 2006. Commission staff along with City of Chicago staff held interviews with three of the firms and will have a recommendation to present to the Board at the July 2006 meeting.

Pipe Loop Pilot Plant

Camp Dresser McKee (CDM) delivered Quarterly Report #1 with the following findings:

The aluminum and phosphate values increased after the addition of sodium hydroxide to pipe loop #2. This indicates that the aluminum phosphate deposition appears to be dissolving when raising the pH.

Lead levels appear to be unstable. Therefore, no specific lead trends can be concluded at this time.

No temperature trends could be made at this time relative to aluminum or phosphate.

Tank # 4 Mixing System

The Commission did not receive any bids for this project. The Engineer is currently looking into the reasons why. The project will be re-bid at a later date.

Back-up Telemetry

The contractor has begun installation, but has been temporarily delayed by wet weather conditions. The system is scheduled to be completed and operational by the end of June.

GIS

The geodatabase design project is approximately 70% complete. Data conversion from the engineering drawings is about 80% complete. A summer intern who started this week is working on this project with completion expected in about three weeks. A second intern is expected to start work on June 15.

Patrick Engineering is assisting in defining requirements for a geographic information policy to govern the use and release of the Commission's GIS data. Patrick is also developing metadata standards that will be used to determine what level of accuracy is developed.

Pipeline Construction Overview

CONTRACT TIB-1/03 INNER BELT TRANSMISSION MAIN

Contract work has been completed. A partial balancing change order appears on the agenda as R-21-06.

Lost Time Accidents To Date 06/02/06 0 Days

CONTRACT CP-3 CORROSION IDENTIFICATION AND ASSESSEMENT

All field work under this contract has been completed.

Lost Time Accidents to Date: 06/02/06 0 Days

CONTRACT BOV-2/04 90" BLOW OFF VALVE IMPROVEMENTS

Work is in progress. To date, the contractor has repaired 18 existing valves. Permanent restoration at these sites has begun.

Lost Time Accidents to Date: 06/02/06 0 Days

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheets for May, 2006
2. Water Sales Analysis 01-May-03 to 31-May-06

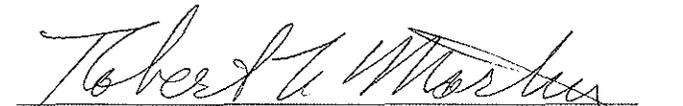
DUPAGE WATER COMMISSION LABORATORY BENCH SHEET
MONTHLY REPORT FOR MAY 2006

LEXINGTON SUPPLY

DUPAGE DISCHARGE

DAY	FREE CL ₂ mg/l	TURBIDITY NTU	PO ₄ mg/l	FREE CL ₂ mg/l	TURBIDITY NTU	TEMP °F	pH	Fluoride mg/l	PO ₄ mg/l	P.A.C. LBS/MG	ANALYST INT
1	0.74	0.08	0.40	0.75	0.08	51	7.6	1.0	0.39	0	JV
2	0.75	0.08	0.40	0.74	0.08	52	7.5	1.0	0.40	0	MR
3	0.77	0.08	0.42	0.72	0.07	52	7.6	1.0	0.40	0	MR
4	0.72	0.08	0.40	0.72	0.08	52	7.6	1.0	0.41	0	JV
5	0.74	0.09	0.40	0.74	0.07	52	7.5	1.0	0.41	0	JV
6	0.77	0.09	0.42	0.75	0.07	53	7.6	1.0	0.41	0	JV
7	0.72	0.09	0.42	0.76	0.08	53	7.6	1.0	0.41	0	JV
8	0.72	0.08	0.43	0.75	0.09	53	7.6	1.0	0.41	0	MR
9	0.75	0.09	0.41	0.78	0.09	54	7.6	1.0	0.39	0	MR
10	0.72	0.08	0.41	0.79	0.07	55	7.6	1.0	0.39	0	MR
11	0.74	0.09	0.43	0.79	0.07	55	7.6	1.0	0.39	0	MR
12	0.75	0.10	0.43	0.80	0.07	57	7.6	1.0	0.39	0	JV
13	0.74	0.10	0.44	0.77	0.08	57	7.6	1.0	0.39	0	JV
14	0.76	0.08	0.42	0.78	0.08	57	7.6	1.0	0.39	0	JV
15	0.77	0.08	0.41	0.79	0.09	57	7.6	1.0	0.42	0	JV
16	0.77	0.09	0.41	0.77	0.07	58	7.6	1.0	0.41	0	MR
17	0.75	0.10	0.42	0.78	0.08	58	7.6	1.0	0.39	0	MR
18	0.72	0.10	0.43	0.79	0.09	59	7.6	1.0	0.39	0	MR
19	0.74	0.10	0.42	0.78	0.07	59	7.7	1.0	0.39	0	MR
20	0.73	0.08	0.42	0.79	0.07	59	7.5	1.0	0.39	0	JV
21	0.73	0.08	0.45	0.70	0.08	59	7.5	1.0	0.38	0	MW
22	0.73	0.08	0.41	0.78	0.08	59	7.5	1.0	0.41	0	JV
23	0.74	0.09	0.45	0.79	0.09	60	7.6	1.1	0.42	0	JV
24	0.74	0.09	0.43	0.79	0.09	60	7.5	1.1	0.40	0	MR
25	0.76	0.09	0.43	0.77	0.09	60	7.5	1.1	0.40	0	MR
26	0.77	0.08	0.40	0.78	0.09	60	7.5	0.9	0.39	0	MR
27	0.78	0.09	0.40	0.79	0.07	60	7.5	1.0	0.39	0	MR
28	0.74	0.09	0.40	0.79	0.08	60	7.7	1.1	0.40	0	KD
29	0.75	0.08	0.40	0.79	0.08	60	7.7	1.1	0.40	0	KD
30	0.74	0.09	0.40	0.79	0.08	60	7.5	1.0	0.40	0	KD
31	0.76	0.09	0.40	0.79	0.07	60	7.5	1.0	0.40	0	KD
AVG	0.75	0.09	0.42	0.77	0.08	57	7.6	1.0	0.40	0	
MAX	0.78	0.10	0.45	0.80	0.09	60	7.7	1.1	0.42	0	
MIN	0.72	0.08	0.40	0.70	0.07	51	7.5	0.9	0.38	0	


Terrance McGhee
Operations Supervisor


Robert L. Martin
General Manager

CHANGE ORDER

THE DuPAGE WATER COMMISSION

SHEET 1 OF 4

PROJECT NAME: Inner Belt Transmission Main

CHANGE ORDER NO. 15

LOCATION: Butterfield Road To Prairie Path

CONTRACT NO. TIB-1/03

CONTRACTOR: Rossi Contractors, Inc.

DATE: June 1, 2006

I. A. DESCRIPTION OF CHANGES INVOLVED:

Final Balancing Change Order

B. REASON FOR CHANGE:

To reflect the actual quantity of various Items

C. REVISION IN PRICE

Addition:

Final Balancing Change Order
(See Sheet 2 of 4)

\$17,381.05

TOTAL \$17,381.05

INNERBELT TRANSMISSION MAIN
 PARTIAL BALANCING CHANGE ORDER
 ROSSI CONTRACTORS
 201 WEST LAKE STREET
 NORTHLAKE, IL 60164

TIB-1

CHANGE ORDER NO.15

FINAL BALANCING CHANGE ORDER

#	ITEM	ORIGINAL CONTRACT		ORIGINAL CONTRACT PRICE	AMENDED CONTRACT QUANTITY	AMENDED CONTRACT PRICE	FINAL CURRENT TO DATE		PARTIAL BALANCING ORDER			
		QUANTITY	UNIT				QUANTITY	EXTENSION	QUANTITY	EXTENSION		
12	24" RCP SEWER REPLACEMENT	30.00	L. F.	\$82.20	30.00	\$2,466.00	36.00	\$2,959.20	6.00	493.20	493.20	
18	GRANULAR TRENCH BACKFILL	38,000.00	C.Y.	\$18.08	24,506.00	\$687,040.00	\$443,068.48	21,175.00	\$382,844.00	(3,331.00)	(60,224.48)	(60,224.48)
24	TOPSOIL & SEDING	2,450.00	S.Y.	\$5.92	2,183.00	\$14,504.00	\$12,923.36	13,956.00	\$82,619.52	11,773.00	69,696.16	69,696.16
31	TRAFFIC CONTROL & PROTECTION	1.00	L.S.	\$149,479.00	0.80	\$119,583.20	\$119,583.20	1.00	\$149,479.00	0.20	29,895.80	29,895.80
54	RECTIFIER, 18 AMPERE, 60 VOLT	4.00	EA	\$1.07	4.00	\$4.28	\$4.28	0.00	\$0.00	(4.00)	(4.28)	(4.28)
55	RECTIFIER, 60 AMPERE, 60 VOLT	4.00	EA	\$1.07	4.00	\$4.28	\$4.28	0.00	\$0.00	(4.00)	(4.28)	(4.28)
56	ANODE HEADER CABLE TEST BOX	40.00	EA	\$1.07	40.00	\$42.80	\$42.80	0.00	\$0.00	(40.00)	(42.80)	(42.80)
57	ANODE COLUMN TEST BOX	32.00	EA	\$1.07	32.00	\$34.24	\$34.24	0.00	\$0.00	(32.00)	(34.24)	(34.24)
58	IMPRESSED CURRENT ANODE COLUMN	600.00	FT	\$1.07	600.00	\$642.00	\$642.00	0.00	\$0.00	(600.00)	(642.00)	(642.00)
59	MAGNESIUM DEEP ANODE BED	1,500.00	FT	\$1.07	1,500.00	\$1,605.00	\$1,605.00	0.00	\$0.00	(1,500.00)	(1,605.00)	(1,605.00)
61	HIGH-SILICON CAST IRON ANODE	40.00	EA	\$1.07	40.00	\$42.80	\$42.80	0.00	\$0.00	(40.00)	(42.80)	(42.80)
63	MAGNESIUM ANODES	75.00	EA	\$1.07	75.00	\$80.25	\$80.25	66.00	\$70.62	(9.00)	(9.63)	(9.63)
64	ZINC ANODES	550.00	EA	\$1.07	550.00	\$588.50	\$588.50	0.00	\$0.00	(550.00)	(588.50)	(588.50)
65	HEADER CABLE	20,000.00	FT	\$1.07	20,000.00	\$21,400.00	\$21,400.00	1,770.00	\$1,893.90	(18,230.00)	(19,506.10)	(19,506.10)
									17,381.05	(82,704.11)	100,085.16	

II. CHANGE ORDER CONDITIONS:

1. The Contract completion date established in the Original Contract or as modified by previous Change Orders is hereby extended by 0 calendar days, making the final completion date July 1, 2006.
2. Any additional work to be performed under this Change Order shall be carried out in compliance with the specifications included in the preceding Description of Changes Involved, with the Contract Drawings designated as Inner Belt Transmission Main, and under the provisions of the Original Contract, including compliance with applicable Equipment Specifications, General Specifications, and Project Specifications for the same type of work.
3. This Change Order unless otherwise provided herein does not relieve the contractor from strict compliance with the guarantee provisions of the Original Contract, particularly those pertaining to performance and operation of equipment.
4. The Contractor expressly agrees he will place under coverage of his Performance and Payment Bonds and Contractor's Insurance all work covered by this Change Order. The Contractor will furnish to the Owner evidence of increased coverage of his Performance and Payment Bonds for the accrued value of all Change Orders which exceeds the Original Contract Price by twenty percent (20%).

III. ADJUSTMENTS IN AMOUNT OF CONTRACT:

1. Amount of Original Contract	<u>\$12,730,597.31</u>
2. Net change due to previous Change Order Nos. 1 to 14	<u>\$ 4,920,046.51</u>
3. Amount of Contract, not including this Change Order	<u>\$17,650,643.82</u>
4. Addition to Contract due to this Change Order	<u>\$17,381.05</u>
5. Amount of Contract including this Change Order	<u>\$17,668,024.87</u>

RECOMMENDED FOR ACCEPTANCE:

CONSULTING ENGINEERS: Alvord, Burdick & Howson, L.L.C.

By: _____ ()
Signature of Authorized Representative Date

ACCEPTED: By my authorized signature below, being first duly sworn on oath, I certify on behalf of Contractor that this Change Order does not authorize or necessitate an increase in the price of any Subcontract under the Contract that is 50% or more of the original Subcontract price. I further certify by my authorized signature below, being first duly sworn on oath, that (1) Contractor agrees that no requirement, direction, instruction, interpretation, determination, or decision of Owner or Engineer to date entitles Contractor to an equitable adjustment in the Contract Price or Contract Time that has not been included, or fully included, in this Change Order or in any other Change Order issued to date and (2) Contractor waives all claims based on any such requirement, direction, instruction, interpretation, determination, or decision to date.

ACCEPTED: CONTRACTOR: Rossi Contractors, Inc.

By: _____ ()
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: _____ ()
Robert L. Martin Date
General Manager