



# DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642  
(630)834-0100 Fax: (630)834-0120

NOTICE IS HEREBY GIVEN THAT THE RESCHEDULED MAY 2006 ENGINEERING & CONSTRUCTION COMMITTEE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 10:00 A.M. ON THURSDAY, MAY 11, 2006, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE RESCHEDULED MAY 2006 REGULAR COMMITTEE MEETING IS AS FOLLOWS:

## AGENDA

**ENGINEERING & CONSTRUCTION COMMITTEE**  
**THURSDAY, MAY 11, 2006**  
**10:00A.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 April 13, 2006

**RECOMMENDED MOTION: To approve the Minutes of the April 13, 2006 Committee Meeting of the DuPage Water Commission (Voice Vote).**

- III. Report of Status of Construction/Operations
- IV. 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)

**RECOMMENDED MOTION: 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.**

- V. Resolution No. R-18-06: A Resolution Approving and Ratifying Certain Contract Change Orders at the May 11, 2006, DuPage Water Commission Meeting

**RECOMMENDED MOTION: 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.**

- VI. Adjournment

Board/Agendas/Engineering/Eng0605.doc

All visitors must present a valid drivers license or other government-issued photo identification, sign in at the reception area and wear a visitor badge while at the DuPage Pumping Station.

**MINUTES OF A MEETING OF THE  
ENGINEERING & CONSTRUCTION COMMITTEE  
OF THE DUPAGE WATER COMMISSION  
HELD ON THURSDAY, APRIL 13, 2006  
600 EAST BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order at 7:00 P.M.

Committee members in attendance: R. Benson, R. Ferraro, and G. Wilcox.

Committee members absent: W. Mueller

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

Commissioner Benson moved to approve the Minutes of the March 20, 2006 Engineering Committee. Motion seconded by Commissioner Ferraro and passed unanimously as follows:

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

Commissioner Benson moved to approve the Minutes of the March 20, 2006 Executive Session Engineering Committee. Motion seconded by Commissioner Ferraro and passed unanimously as follows:

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

The Committee reviewed the memorandum regarding the Status of Operations dated April 7, 2006.

Commissioner Ferraro moved to recommend to the Commission approval of Resolution No. R-14-06: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Patrick Engineering, Inc. at the April 13, 2006, DuPage Water Commission Meeting during the Super/Special Omnibus Vote Agenda. Motion seconded by Commissioner Benson. Commissioner Benson asked as to the scope of work that would be completed under this Task Order. Staff informed him that the work was comprised of further enhancements of the Commission's GIS system. Commissioner Wilcox asked that a GIS project schedule be included in the Status of Operations. The motion passed unanimously as follows:

## Minutes of the 4/13/06 Engineering Meeting

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

Commissioner Ferraro moved to recommend to the Commission approval of Resolution No. R-15-06: A Resolution Approving and Ratifying Certain Task Orders under a Master Contract with Consoer Townsend Envirodyne Engineers, Inc. at the April 13, 2006, DuPage Water Commission Meeting during the Super/Special Omnibus Vote Agenda. Motion seconded by Commissioner Benson. Commissioner Benson asked as to the scope of work that would be completed under this Task Order. Staff informed him that the work was to perform a distribution system evaluation in compliance with current USEPA regulations. Commissioner Wilcox asked how much the evaluation was going to cost and staff informed him of the cost. The motion passed unanimously as follows:

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

Commissioner Benson asked how the negotiations with Rossi Contractors were progressing. Staff stated that several meetings have been held and the Commission is currently waiting for a reply from Rossi Contractors.

Commissioner Benson moved to adjourn the meeting at 07:06 P.M. Motion seconded by Commissioner Ferraro and unanimously approved by voice vote.

All voted aye. Motion carried.

BOARD/MINUTES/ENG0604.doc



# DuPage Water Commission

## MEMORANDUM

TO: Robert Martin General Manager

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

DATE: May 5, 2006

SUBJECT: Status of Operations

### Operations Overview

The Commission's sales for the month of April were a total of 2.29 billion gallons. This represents an average day demand of 76.4 million gallons per day (MGD), which is lower than the April 2005 average day demand of 76.6 MGD. The maximum day demand was 85.1 MGD on April 23, 2006, which is higher than the April 2005 maximum day demand of 85.1 MGD. The minimum day flow was 68.3 MGD. The Commission recorded a total precipitation for the month of April of 3.26 inches compared to 1.32 inches for April 2005. The level of Lake Michigan for April 2006 is 577.3 (Feet IGLD 1985) compared to 577.9 (Feet IGLD 1985) for April 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. Authorization to receive bids appears on the agenda as R-17-06.

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. These proposals are currently being analyzed by staff with results tentatively scheduled for the June Board meeting.

Black & Veatch Corporation  
Consoer Townsend Envirodyne Engineers, Inc.  
Fanning & Company, LLC  
Primera Engineers, Inc.  
Stanley Consultants, Inc.

Lexington Pump Station Electrical Generation Feasibility Study

Greeley & Hansen has commenced the feasibility study for electrical generation at the Lexington Pump Station. The study report is due in June 2006. The same five proposals for the Value Engineering review are being considered to review the feasibility study.

Pipe Loop Pilot Plant

The initial results of the study are expected in the first quarter of 2006.

Tank # 4 Mixing System

The project is out for bids with an opening date of May 31, 2006. The project has been advertised in the Daily Herald and it is posted in the construction plan room. The contract is tentatively scheduled to be awarded at the June 2006 Commission meeting. The tank will be out of service for approximately 90 days during construction.

Back-up Telemetry

Staff has received approved submittals and installation has begun.

**GIS**

Work continues on the geodatabase physical design project. The project is focused on identifying all the assets and related data elements that will be kept track of in the GIS database. Data conversion from the engineering drawings is nearly complete. This data, when combined with elevation data from Cook and DuPage Counties, will enable development of a 3D view of the pipeline system.

A graduate student from NIU is scheduled to start work as a GIS intern on June 15.

**Pipeline Construction Overview****CONTRACT TIB-1/03 INNER BELT TRANSMISSION MAIN**

Construction of the cathodic protection system is in progress. A partial balancing change order appears on the agenda as R-18-06.

Lost Time Accidents To Date 05/05/06      0 Days

**CONTRACT CP-3 CORROSION IDENTIFICATION AND ASSESSEMENT**

All field work under this contract has been completed.

Lost Time Accidents to Date: 05/05/06      0 Days

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

Work is in progress. To date, the contractor has repaired 15 existing valves. Permanent restoration at these sites has begun.

Lost Time Accidents to Date: 05/05/06      0 Days

The following are attachments to this memorandum:

1. DuPage Laboratory Bench Sheets for April, 2006
2. Water Sales Analysis 01-May-03 to 31-April-06
3. Chart showing Commission sales versus allocations
4. Chart showing Commission sales versus historical averages
5. GIS project schedule

DUPAGE WATER COMMISSION LABORATORY BENCH SHEET  
MONTHLY REPORT FOR APRIL 2006

## LEXINGTON SUPPLY

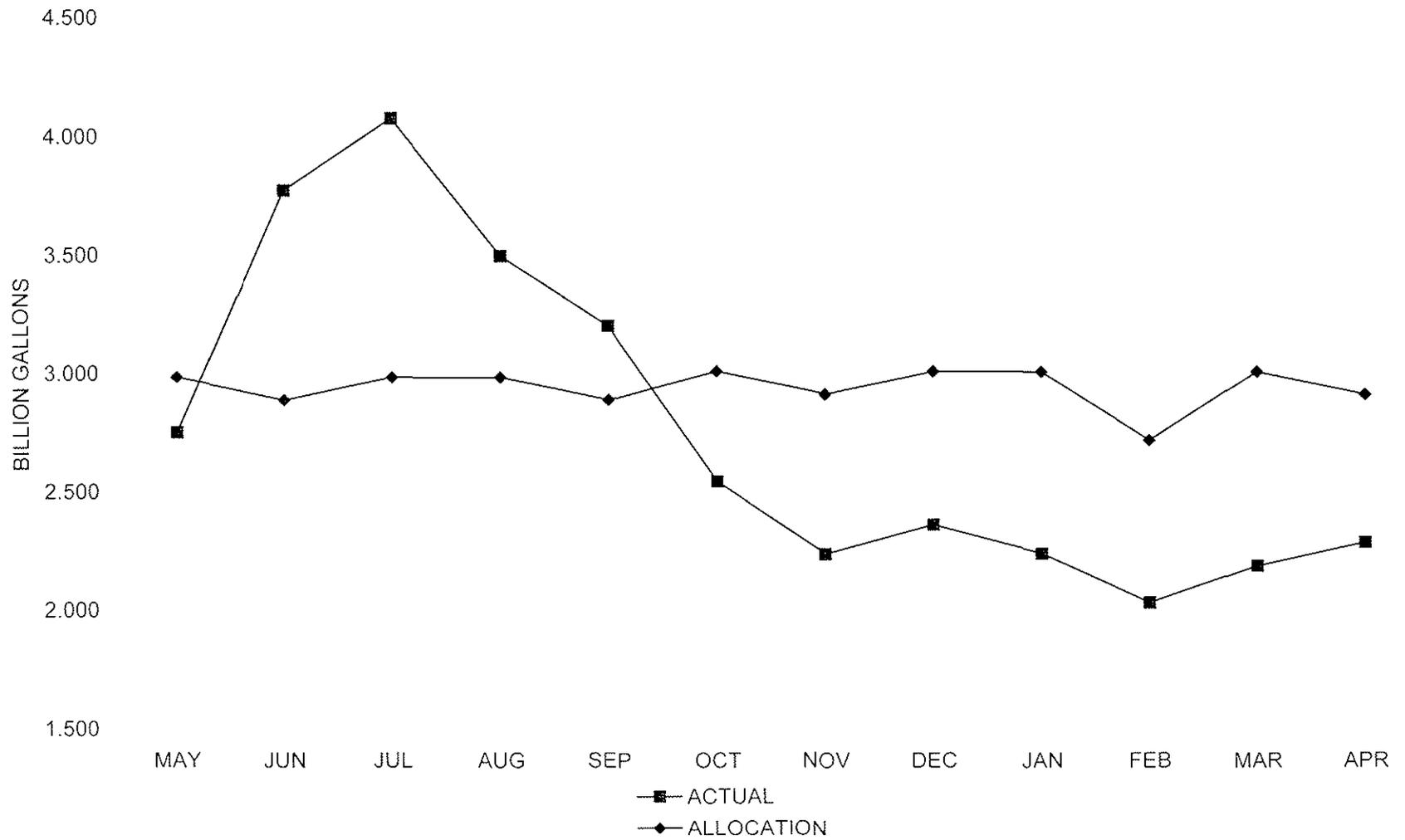
## DUPAGE DISCHARGE

DAY	FREE CL <sub>2</sub>	TURBIDITY	PO <sub>4</sub>	FREE CL <sub>2</sub>	TURBIDITY	TEMP	pH	Fluoride	PO <sub>4</sub>	P.A.C.	ANALYST
	mg/l	NTU	mg/l	mg/l	NTU	°F		mg/l	mg/l	LBS/MG	
1	0.76	0.08	0.41	0.75	0.08	48	7.5	1.0	0.39	0	TG
2	0.76	0.07	0.42	0.75	0.07	48	7.5	1.0	0.39	0	JV
3	0.77	0.07	0.42	0.75	0.07	48	7.5	1.0	0.38	0	JV
4	0.75	0.08	0.41	0.75	0.07	48	7.5	1.0	0.39	0	JV
5	0.72	0.08	0.41	0.76	0.07	48	7.6	1.0	0.38	0	JV
6	0.72	0.08	0.42	0.76	0.08	50	7.6	1.0	0.38	0	MR
7	0.70	0.07	0.43	0.74	0.08	50	7.6	1.0	0.39	0	MR
8	0.73	0.08	0.43	0.74	0.07	50	7.6	1.0	0.40	0	MR
9	0.76	0.08	0.42	0.72	0.08	50	7.6	1.0	0.40	0	MR
10	0.75	0.09	0.42	0.72	0.07	50	7.5	0.9	0.40	0	JV
11	0.76	0.09	0.41	0.72	0.07	50	7.6	0.9	0.42	0	JV
12	0.77	0.09	0.41	0.73	0.09	50	7.6	0.9	0.40	0	JV
13	0.74	0.10	0.41	0.74	0.09	50	7.6	0.9	0.40	0	JV
14	0.74	0.10	0.40	0.74	0.08	50	7.6	0.9	0.40	0	MR
15	0.73	0.10	0.40	0.73	0.07	50	7.6	0.9	0.41	0	MR
16	0.74	0.10	0.40	0.73	0.07	50	7.6	0.9	0.41	0	MR
17	0.70	0.08	0.40	0.72	0.08	50	7.6	0.9	0.39	0	MR
18	0.72	0.09	0.42	0.70	0.09	49	7.6	0.9	0.38	0	JV
19	0.74	0.09	0.40	0.72	0.09	49	7.5	1.0	0.39	0	JV
20	0.70	0.09	0.40	0.70	0.07	49	7.5	1.0	0.42	0	JV
21	0.70	0.09	0.41	0.70	0.08	50	7.5	1.0	0.42	0	JV
22	0.71	0.10	0.40	0.70	0.07	50	7.5	1.0	0.42	0	MR
23	0.72	0.08	0.39	0.70	0.09	51	7.7	1.0	0.41	0	CT
24	0.70	0.08	0.39	0.70	0.09	51	7.5	1.0	0.38	0	MR
25	0.69	0.08	0.39	0.71	0.08	51	7.5	1.0	0.39	0	MR
26	0.69	0.08	0.40	0.70	0.07	51	7.5	1.0	0.39	0	JV
27	0.69	0.09	0.42	0.69	0.08	51	7.5	1.0	0.39	0	JV
28	0.69	0.09	0.42	0.69	0.08	51	7.6	1.1	0.39	0	JV
29	0.70	0.09	0.41	0.69	0.08	51	7.6	1.1	0.41	0	MR
30	0.69	0.09	0.42	0.68	0.08	51	7.5	0.9	0.39	0	MR
31											
AVG	0.72	0.09	0.41	0.72	0.08	50	7.6	1.0	0.40	0	
MAX	0.77	0.10	0.43	0.76	0.09	51	7.7	1.1	0.42	0	
MIN	0.69	0.07	0.39	0.68	0.07	48	7.5	0.9	0.38	0	

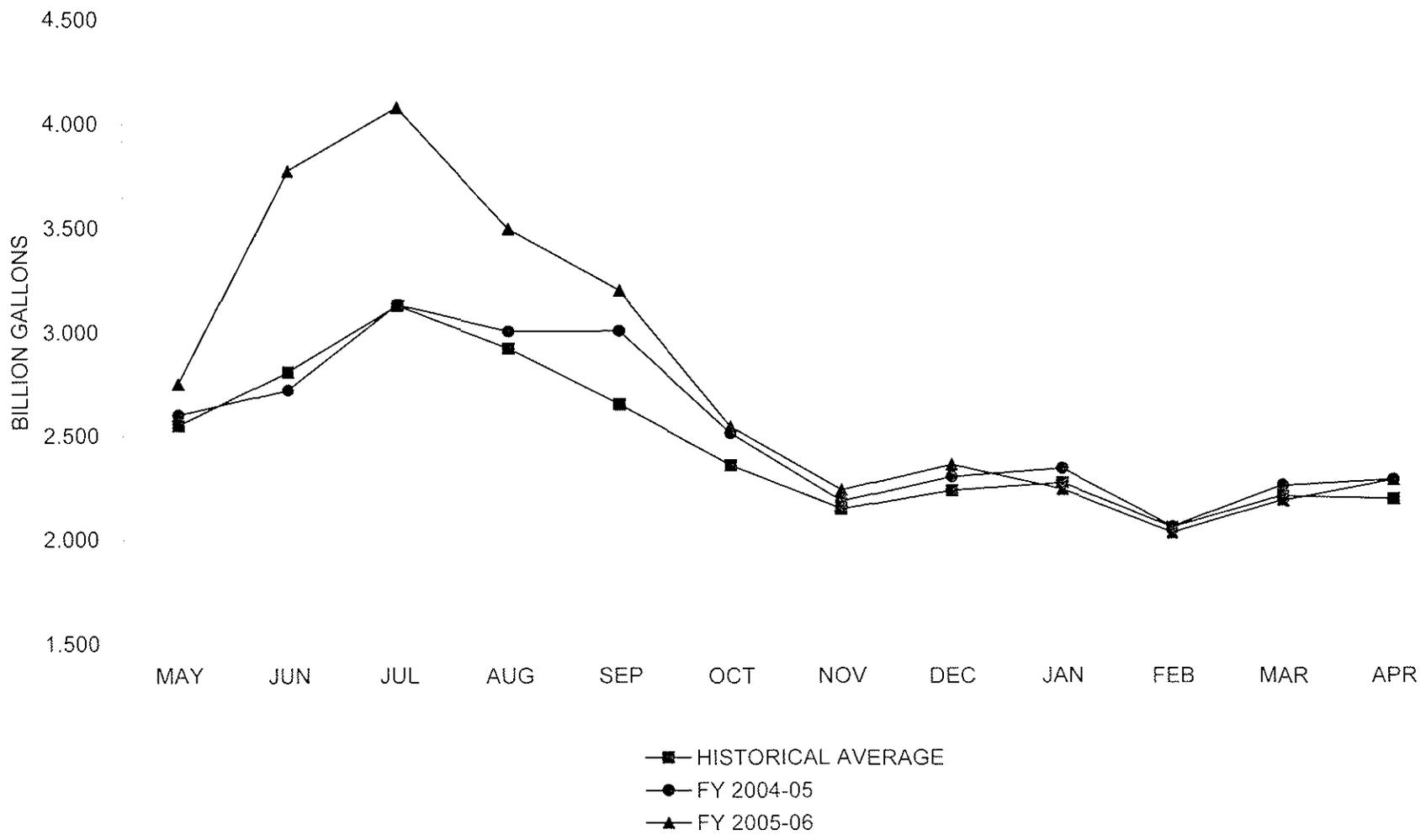
  
Terrance McGhee  
Operations Supervisor

  
Robert L. Martin  
General Manager

DU PAGE WATER COMMISSION SALES  
FY 2005-06 VS. ALLOCATION



DU PAGE WATER COMMISSION SALES  
FY 2005-06 & FY 2004-05 VS. HISTORICAL AVERAGE



# CHANGE ORDER

THE DuPAGE WATER COMMISSION

SHEET 1 OF 5

PROJECT NAME: Inner Belt Transmission Main

CHANGE ORDER NO. 14

LOCATION: Butterfield Road To Prairie Path

CONTRACT NO. TIB-1/03

CONTRACTOR: Rossi Contractors, Inc.

DATE: May 1, 2006

## I. A. DESCRIPTION OF CHANGES INVOLVED:

### **Cathodic Protection**

1. Installation of isolation flanges at pipe stations 57+02 and 80+13.
2. Cathodic protection and monitoring system for water main from station 57+02 to 80+13.

### **Elmhurst Roadway Widening**

1. Additional earth excavation.
2. Additional bituminous driveways.
3. Additional concrete driveways.
4. Additional curb and gutter.
5. Additional topsoil and seeding.
6. Additional asphalt roadway paving.

### **Negotiated Items**

Negotiated settlement of disputed claims.

### **Contract Items**

1. Item No. 24, Topsoil and Seeding to cover the number of additional units installed other than for the Elmhurst Roadway Widening.
2. Partial Balancing Change Order.

## B. REASON FOR CHANGE:

### **Cathodic Protection**

Changes in scope of work associated with the pipe installation from open cut method to tunnel method.

**Elmhurst Roadway Widening**

Additional items of work as associated with the widening of the South Frontage Road between Stations 28+23 and 58+00 by four feet. Per the agreement between City of Elmhurst and the Commission, the City is required to reimburse the Commission for these costs.

**Negotiated Items**

Negotiated settlement of disputed claims.

**Contract Items**

Extension of time required due to changes in scope of the project.

**C. REVISION IN PRICE:**

**Cathodic Protection**

1.	Isolation Flanges	2 Each @ \$28,714.32	\$57,428.64
2.	Corrosion Protection	1 Each @ \$319,930.00	\$319,930.00

**Elmhurst Roadway Widening**

1.	Earth Excavation	2,018 CY @ \$29.00/CY	\$58,522.00
2.	Bituminous Driveways	98 SY @ \$37.45/SY	\$3,670.10
3.	Concrete Driveways	670 SY @ \$119.93/SY	\$80,353.10
4.	Curb & Gutter	3,583 LF @ \$16.05/LF	\$57,507.15
5.	Topsoil & Seeding	2,764 SY @ \$5.92/SY	\$16,362.88
6.	Bituminous Pavement	1,244 SY @ \$ 37.45/SY	\$46,587.80

**Negotiated Items**

Negotiated settlement of disputed claims \$949,638.33

**Contract Items**

1.	Extension of Contract Time		
2.	Amend Qty of Item 24	11,016 SY @ \$5.92/SY	\$65,214.72
3.	Partial Balancing Order	(See Sheet # 4 of 5)	\$33,303.14

**TOTAL \$1,688,517.86**

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

TIB-1

CHANGE ORDER NO. 14

PARTIAL BALANCING CHANGE ORDER

#	ITEM	ORIGINAL CONTRACT		UNIT PRICE	ORIGINAL CONTRACT PRICE	AMENDED CONTRACT QUANTITY	AMENDED CONTRACT PRICE	PARTIAL CURRENT TO DATE		PARTIAL BALANCING ORDER			
		QUANTITY	UNIT					QUANTITY	EXTENSION	QUANTITY	EXTENSION		
1	72" STEEL PIPE IN TRENCH	8,940.00	L.F.	\$288.07	\$2,575,345.80	6,810.00	\$1,961,756.70	6,790.00	\$1,955,995.30	(20.00)	(5,761.40)	(5,761.40)	
2	72" STEEL PIPE IN CASING	315.00	L.F.	\$2,258.56	\$711,446.40	245.00	\$553,347.20	220.00	\$496,883.20	(25.00)	(56,464.00)	(56,464.00)	
3	84" STEEL TUNNEL CASING	265.00	L.F.	\$1,610.35	\$426,742.75	195.00	\$314,018.25	196.00	\$315,628.60	1.00	1,610.35		1,610.35
4	84" STEEL CASING IN OPEN CUT	48.00	L.F.	\$1,018.64	\$48,894.72	48.00	\$48,894.72	24.00	\$24,447.36	(24.00)	(24,447.36)	(24,447.36)	
5	72" CONC PIPE CONN AT BUTTERFIELD RD	20.00	L.F.	\$3,167.20	\$63,344.00	20.00	\$63,344.00	24.00	\$76,012.80	4.00	12,668.80		12,668.80
7	12" DIP SEWER REPLACEMENT	30.00	L.F.	\$86.42	\$2,592.60	30.00	\$2,592.60	0.00	\$0.00	(30.00)	(2,592.60)	(2,592.60)	
8	10" PSC SEWER REPLACEMENT	30.00	L.F.	\$65.75	\$1,972.50	30.00	\$1,972.50	0.00	\$0.00	(30.00)	(1,972.50)	(1,972.50)	
9	12" RCP SEWER REPLACEMENT	120.00	L.F.	\$66.48	\$7,977.60	120.00	\$7,977.60	123.00	\$8,177.04	3.00	199.44		199.44
10	15" RCP SEWER REPLACEMENT	60.00	L.F.	\$61.77	\$3,706.20	60.00	\$3,706.20	72.00	\$4,447.44	12.00	741.24		741.24
17	AIR RELEASE VALVE & ACCESS MH	6.00	EA.	\$10,486.00	\$62,916.00	6.00	\$62,916.00	7.00	\$73,402.00	1.00	10,486.00		10,486.00
19	ASPHALT PAVEMENT, REM & REPLACE	21,720.00	S.Y.	\$37.45	\$813,414.00	13,114.00	\$491,119.30	13,118.00	\$491,269.10	4.00	149.80		149.80
21	REFLECTIVE CRACK CONTROL TREATMENT	650.00	S.Y.	\$4.55	\$2,957.50	650.00	\$2,957.50	0.00	\$0.00	(650.00)	(2,957.50)	(2,957.50)	
23	CURB & GUTTER, REMOVE & REPLACE	2,000.00	L.F.	\$16.05	\$32,100.00	5,468.00	\$87,761.40	5,997.00	\$96,251.85	529.00	8,490.45		8,490.45
26	CHAIN LINK FENCE, REMOVE & REPLACE	1,150.00	L.F.	\$18.44	\$21,206.00	2,450.00	\$45,178.00	2,362.00	\$43,555.28	(88.00)	(1,622.72)	(1,622.72)	
34	GUARD RAIL REMOVE & REPLACE	180.00	L.F.	\$16.17	\$2,910.60	505.00	\$8,165.85	208.00	\$3,363.36	(297.00)	(4,802.49)	(4,802.49)	
35	CHAIN LINK FENCE, EMOVE & REINSTALL	180.00	L.F.	\$18.40	\$3,312.00	180.00	\$3,312.00	0.00	\$0.00	(180.00)	(3,312.00)	(3,312.00)	
36	MOD. DUE TO PETR. CONT. SOIL	400.00	L.F.	\$2.04	\$816.00	400.00	\$816.00	0.00	\$0.00	(400.00)	(816.00)	(816.00)	
38	EXT. PR. COAT. FOR PCP SECTIONS	185.00	P.S.	\$1.07	\$197.95	185.00	\$197.95	0.00	\$0.00	(185.00)	(197.95)	(197.95)	
40	6-INCH DI PIPE WATER MAIN	1,500.00	L.F.	\$35.52	\$53,280.00	600.00	\$21,312.00	471.00	\$16,729.92	(129.00)	(4,582.08)	(4,582.08)	
41	6-INCH DIA GATE VALVE WITH VALVE BOX	8.00	EA.	\$3,757.84	\$30,062.72	5.00	\$18,789.20	4.00	\$15,031.36	(1.00)	(3,757.84)	(3,757.84)	
43	1-INCH COPPER SERVICE CONNECTION	6.00	EA.	\$1,250.83	\$7,504.98	6.00	\$7,504.98	7.00	\$8,755.81	1.00	1,250.83		1,250.83
47	GRANULAR FOUNDATION MATERIAL	500.00	C.Y.	\$21.19	\$10,595.00	1,100.00	\$23,309.00	1,280.00	\$27,123.20	180.00	3,814.20		3,814.20
48	CLASS "SI" CONCRETE	50.00	C.Y.	\$21.19	\$1,059.50	50.00	\$1,059.50	0.00	\$0.00	(50.00)	(1,059.50)	(1,059.50)	
49	CLASS "B" CONCRETE	50.00	C.Y.	\$85.39	\$4,269.50	50.00	\$4,269.50	31.00	\$2,647.09	(19.00)	(1,622.41)	(1,622.41)	
50	LEVELING BINDER	50.00	TON	\$58.85	\$2,942.50	50.00	\$2,942.50	0.00	\$0.00	(50.00)	(2,942.50)	(2,942.50)	
51	ROCK EXCAVATION	50.00	C.Y.	\$107.00	\$5,350.00	50.00	\$5,350.00	0.00	\$0.00	(50.00)	(5,350.00)	(5,350.00)	
52	TEMP. PAVT. SURFACE OVER TRENCH	5,000.00	S.Y.	\$32.10	\$160,500.00	3,750.00	\$120,375.00	4,500.00	\$144,450.00	750.00	24,075.00		24,075.00
53	PAVEMENT BASE, REMOVE & REPLACE	200.00	S.Y.	\$48.15	\$9,630.00	200.00	\$9,630.00	228.00	\$10,978.20	28.00	1,348.20		1,348.20
60	ZINC DEEP ANODE BED	14,000.00	FT	\$1.07	\$14,980.00	14,000.00	\$14,980.00	0.00	\$0.00	(14,000.00)	(14,980.00)	(14,980.00)	
62	LINEAR ANODE ASSEMBLIES	17,000.00	FT	\$1.07	\$18,190.00	17,000.00	\$18,190.00	0.00	\$0.00	(17,000.00)	(18,190.00)	(18,190.00)	
66	REM. & DISPOSE PETR. CONT. SOIL	1,000.00	C.Y.	\$101.65	\$101,650.00	1,000.00	\$101,650.00	0.00	\$0.00	(1,000.00)	(101,650.00)	(101,650.00)	
67	72-IN DIA STEEL PIPE IN ROCK TUN & SHAFT	1,375.00	L.F.	\$810.12	\$1,113,915.00	1,375.00	\$1,113,915.00	1,359.00	\$1,100,953.08	(16.00)	(12,961.92)	(12,961.92)	
68	84-IN MINIMUM DIA ROCK TUNNEL	1,190.00	L.F.	\$2,549.81	\$3,034,273.90	1,190.00	\$3,034,273.90	1,212.00	\$3,090,369.72	22.00	56,095.82		56,095.82
CO#01	1. 8-IN DI WATER MAIN	0.00	L.F.	\$49.21	\$0.00	975.00	\$47,979.75	961.00	\$47,290.81	(14.00)	(688.94)	(688.94)	
	3. 8-IN GATE VALVE IN VALVE VAULT	0.00	EA.	\$4,257.84	\$0.00	3.00	\$12,773.52	0.00	\$0.00	(3.00)	(12,773.52)	(12,773.52)	
	4. 6-IN GATE VALVE IN VALVE VAULT	0.00	EA.	\$4,057.84	\$0.00	5.00	\$20,289.20	1.00	\$4,057.84	(4.00)	(16,231.36)	(16,231.36)	
CO#03	REMOVE & DISPOSE 16" WEST SHORE PIPE	0.00	L.F.	\$28.00	\$0.00	3,100.00	\$86,800.00	2,064.00	\$57,792.00	(1,036.00)	(29,008.00)	(29,008.00)	
CO#06	WELD ADDITIONAL JOINTS OF 72" PIPE	0.00	EA.	\$1,275.00	\$0.00	132.00	\$168,300.00	135.00	\$172,125.00	3.00	3,825.00		3,825.00
CO#07	1. INSTALL 72" PIPE IN RIB & LAGG. TUNNEL	0.00	L.F.	\$1,783.00	\$0.00	2,200.00	\$3,922,600.00	2,300.00	\$4,100,900.00	100.00	178,300.00		178,300.00
CO#08	REMOVE & DISPOSE 8" BPI/MOCO PIPE	0.00	L.F.	\$20.00	\$0.00	1,100.00	\$22,000.00	1,056.00	\$21,120.00	(44.00)	(880.00)	(880.00)	
CO#10	1. R & R CONC. PAVT. WITH BIT. PAVT.	0.00	S.Y.	\$55.85	\$0.00	9,200.00	\$513,820.00	9,970.00	\$556,824.50	770.00	43,004.50		43,004.50
CO#12	1. GRIND BIT. PAVEMENT-- 3" TO 4"	0.00	S.Y.	\$5.90	\$0.00	5,800.00	\$34,220.00	6,614.00	\$39,022.60	814.00	4,802.60		4,802.60
	2. BIT. SURFACE COURSE, 2" SUPERPAVE	0.00	S.Y.	\$8.25	\$0.00	5,800.00	\$47,850.00	6,614.00	\$54,565.50	814.00	6,715.50		6,715.50
	3. LEVELING BINDER	0.00	TON	\$75.00	\$0.00	500.00	\$37,500.00	598.00	\$44,850.00	98.00	7,350.00		7,350.00
										33,303.14	(331,624.59)	364,927.73	

**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 225 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	\$12,730,597.31
2.	Net change due to previous Change Order Nos. 1 to 13	\$ 3,231,528.65
3.	Amount of Contract, not including this Change Order	\$15,962,125.96
4.	Addition to Contract due to this Change Order	\$1,688,517.86
5.	Amount of Contract including this Change Order	\$17,650,643.82

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.

CONTRACTOR: Rossi Contractors, Inc.

By:  (5-5-06)  
Signature of Authorized Representative Date

DUPAGE WATER COMMISSION:

By: \_\_\_\_\_ ( )  
Robert L. Martin Date  
General Manager