

8

DEPARTMENT OF PUBLIC WORKS
MADISON, WISCONSIN

Contract Name: E. Mifflin & N. Blount Street Street Reconstruction

Date: 4/25/2008
Change Order Number: CO 8
To Public Works Contract Number: 6019
Original Contract Project Number: 53W0025
Change Order Project Number: 53W0025 (of change order)

Change Order Description: Various areas of extra work to install the sanitary sewer main.

Account Numbers for this Change Order:
ES01-58275-810332-00-53W0025

Contractor: PARISI CONSTRUCTION
508 S. Nine Mound
Verona, WI. 53593
0

You are authorized and directed to make the following changes in this contract:

Item No.	Description	Est. Qty	Unit	Unit Price	Total Add	Total Deduct
	SEE ATTACHED	1	LS	20,659 22,182.00	20,659 22,182.00	0.00
	SEE ATTACHED	1	LS	17,567.25	17,567.25	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
Sub Totals					39,749.25	0.00
Grand Total					36,426.25	39,749.25

The Original Contract Sum was 2,612,858.86

Net Change by previous Change Orders 289,854.28

The Contract Sum prior to this Change Order was 2,902,713.14

The Contract Sum will be: Choose One: 39,749.25

The new Contract Sum including this Change Order will be: Choose One: 2,942,462.39

The Contract Time will be (days): TO BE DETERMINED

The Date of Completion as of the date of this Change Order, is _____

Contractor's Acceptance
By: [Signature]
Title: Vice President
Date: 6/10/08

City's Approval (see reverse side for instructions)
Construction Inspector: [Signature]
Construction Supervisor: [Signature]
Engineer: [Signature]
Board of Public Works: _____

Date: 6-5-08
Date: 8/10/2008
Date: 11/3/08
Date: _____

Mifflin Street
Extra Work
26-Nov

23-Apr

updated 1/25/08

Item No.	Date	Description	Labor		Type	Equipment		Materials			Total Cost	Agreed to pay
			Men	Hours		Hours	Cost	Description	Qty	Cost		
1	24-May	Ameritech MH at Paterson Had to excavate for intercon to break out bottom	Pipe Layer Top Man Foreman	3.5 3.5 3.5	Kobloco 330 Case 821 Komatsu 150 Dump Trucks (2)	3.5 3.5 7	\$ 245.00 \$ - \$ 262.50	Granular Fill	80	\$ 960.00	\$ 2,622.50	SAN
2	6-Jun	Livingston Water Offset Required to cap main due to pending weather	Pipe Layer Top Man Foreman	6 6 6	Kobloco 330 Case 821 Komatsu 150 Dump Trucks (1)	6 6 2 6	\$ 420.00 \$ 399.00 \$ 450.00 \$ 540.00	Granular Fill	80	\$ 960.00	\$ 4,729.00	SAN
3	8-Jun	Livingston Water Offset Re-excavate and remove valve and cap installed on 6/6	Pipe Layer Top Man Foreman	4 4 4	Kobloco 330 Case 821 Komatsu 150 Dump Trucks (1)	4 4 0 6	\$ 280.00 \$ 266.00 \$ 300.00 \$ 540.00	Granular Fill	0	\$ -	\$ 2,546.00	
4	8-Jun	8" Water offset at Blount During sanitary installation found an 8" water line in conflict started to offset	Pipe Layer Top Man Foreman	5 5 5	Kobloco 250 Case 821 Tractor Backhoe Dump Trucks (1)	5 5 5 5	\$ 350.00 \$ 332.50 \$ 375.00 \$ 450.00	Granular Fill	60	\$ 720.00	\$ 4,127.50	SAN
5	11-Jun	Unmarked 8" Water at Blount Waited for determination of live or dead. Cut-off and capped.	Pipe Layer Top Man Foreman	4 4 4	Kobloco 480 Case 821 Dump Trucks (3)	4 4 12	\$ 280.00 \$ 266.00 \$ 300.00 \$ 1,080.00	Granular Fill	\$ -	\$ -	\$ 3,166.00	SAN
6	11-Jun	Duct package conflict at Blount Waited for redesign based on field elevation of duct package	Pipe Layer Top Man Foreman	3 3 3	Kobloco 480 Case 821 Dump Trucks (3)	3 3 9	\$ 210.00 \$ 199.50 \$ 225.00 \$ 810.00	Granular Fill	\$ -	\$ -	\$ 2,374.50	SAN
7	13-Jun	20" Water offset at Blount Waited 3 hours for water to be turned off	Pipe Layer Top Man Foreman	3 3 3	Link Belt 330 Case 821 Tractor Backhoe Dump Trucks (3)	3 3 4.25 3	\$ 210.00 \$ 199.50 \$ 225.00 \$ 270.00	Granular Fill	0	\$ -	\$ 2,199.50	0
8	14-Jun	Water tie-ins on Blount Finish 8" offset and connect to existing 20" watermain	Pipe Layer Top Man Foreman	11 11 11	Link Belt 330 Case 821 Tractor Backhoe Dump Trucks (1)	11 11 0 11	\$ 770.00 \$ 731.50 \$ 825.00 \$ 990.00	Granular Fill 8" pipe	100 37	\$ 1,200.00 \$ 1,036.00	\$ 8,742.50	8742.5
9	26-Jun	Storm Sewer Grade Conflicts Paterson and Mifflin	Pipe Layer Top Man Foreman	2 2 2	Link Belt 330 Case 821 Kobloco 270 Dump Trucks (2)	2 2 6 3	\$ 140.00 \$ 133.00 \$ 150.00 \$ 420.00	Granular Fill	\$ -	\$ -	\$ 1,523.00	1523
10	28-Jun	Remove Structure at Livingston	Pipe Layer	\$ -	Link Belt 330	3	\$ -	Granular Fill	40	\$ 480.00	\$ 2,190.00	2190

STM \$1523.00

SAN

\$27,182.00
20,659

2/3

11	27-Jul	Water Offset at Dayton and Blount Lower watermain to clear proposed 8" Sewer	Pipe Layer Top Man Foreman	6 \$ 6 \$ 6 \$	420.00 399.00 450.00	Case 821 Link Belt 330 Case 821 Kobelco 270 Dump Trucks (2)	6 \$ 6 \$ 3 \$ 12 \$	900.00 840.00 420.00 1,080.00	Granular Fill	80	\$ 960.00	\$ 5,469.00	5469
12	8-Aug	Relay Sewer on Dayton [Had to raise new pipe to clear electrical package]	Pipe Layer Top Man Foreman	2 \$ 2 \$ 2 \$	140.00 133.00 150.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (2)	2 \$ 2 \$ 6 \$	300.00 280.00 540.00	Granular Fill		\$ -	\$ 1,543.00	1543
13	16-Aug	Offset Water Main on Blair to avoid conflict with sanitary sewer	Pipe Layer Top Man Foreman	10.5 \$ 10.5 \$ 10.5 \$	735.00 698.25 787.50	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (2)	10.5 \$ 8 \$ 2.5 \$ 22 \$	1,575.00 1,120.00 250.00 1,980.00	Granular Fill	80	\$ 960.00	\$ 8,105.75	8105.75
14	31-Aug	Miffin and Franklin Build inside Drop	Pipe Layer Top Man Foreman	11.5 \$ 11.5 \$ 11.5 \$	805.00 764.75 862.50	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (5)	\$ \$ \$ \$	- - - -	Cores Bypass pump	3	\$ 1,500.00	\$ 4,432.25	4432.25
15	5-Sep	SAS #1 Remove attached Miffin's	Pipe Layer Top Man Foreman	4 \$ 4 \$ 4 \$	280.00 266.00 300.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (1)	4 \$ 4 \$ 4 \$	600.00 - 400.00 360.00				\$ 2,206.00	2206
16	17-Sep	S-23 Pipe was in conflict with watermain City redesignated, removed pipe and repoured structure	Pipe Layer Top Man Foreman	5 \$ 5 \$ 5 \$	350.00 332.50 375.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (4)	5 \$ 5 \$ 20 \$	750.00 - 500.00 1,800.00				\$ 4,107.50	2000
17	18-Sep	San MH 2 outside drop	3.5 VF	\$ -		Z15/VF						\$ 1,312.50	1312.50
18	25-Sep	Lower Sanitary to allow for Box Culvert on Blount	Pipe Layer Top Man Foreman	2 \$ 2 \$ 2 \$	140.00 133.00 150.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (4)	2 \$ 2 \$ 8 \$	300.00 280.00 720.00				\$ 1,723.00	
19	25-Sep	Lower 1" Gas to allow for Box Culvert on Blount	Pipe Layer Top Man Foreman	2.5 \$ 2.5 \$ 2.5 \$	175.00 166.25 187.50	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (4)	2.5 \$ 2.5 \$ 10 \$	375.00 350.00 900.00	Extra Slurry	10	\$ 580.25	\$ 2,754.00	1987.00
20	2-Oct	MG&E Duct in Conflict with Box Culvert on Blount required extra slurry	Pipe Layer Top Man Foreman	\$ \$ \$	- - -	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (4)	\$ \$ \$	- - -	Extra Slurry	30	\$ 1,740.75	\$ 1,740.75	870.38
21	3-Oct 4-Oct	Concrete Duct package in conflict at Blount and Miffin	Pipe Layer Top Man	4.5 \$ 4.5 \$	315.00 299.25	Kobelco 330 Case 821	4.5 \$	675.00			\$ -	\$ 3,291.75	1645.88

SAN

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SAN \$17567.25 ✓ STM 7426.26 ✓

East Mifflin St
Change Order #8,9,10 designer comments

CO#8. Items #1,2,4,5,6,8,10,11,13,14,15,17

Storm and Sanitary sewer conflicts at Blount st and Mifflin St:

Both storm and sanitary sewer had to be redesigned multiple times at this location. Many ULO's were done, both by city crews prior to construction and by contractor. ULO information was reviewed and a redesign was done but due to complexity of underground utilities, all conflicts could not be avoided. Some utilities were mislabeled in ULO data, some directions of existing utilities were not specified, some utilities were not marked before start of job, and some utilities were not found during ULO's.

Many conflicts encountered during construction would've been very difficult to anticipate prior to pavement removal. Conflicts that were anticipated and corrected for are shown in CO data due to quantity overrun and extra time.

In addition to these problems, there was a record amount of rainfall that caused the large storm sewer being reconstructed to fill with water and stop work at the Mifflin and Blount intersection. Work had to be stopped several times due to heavy rain and restarted at a later date.

Water main was very deep on entire project. ULOs were not done on water main and conflicts were encountered with sanitary main.

New sanitary main at Franklin St was very close to separate existing main. Outside drop was installed to link two systems.

Telephone line not marked running down Paterson (Item #1).

CO#9. Items 9,12,16,19,20,21,23,24,25.

Item#25: Error was made in determination of final grade of top of box culvert. Curb had to be re-graded to accommodate culvert.

Other Change Order items here are due to storm sewer redesign after ULO information was obtained.

CO#10. Additional 3'x6' and 3'x3' storm structures.

Change order for increased depth in inlets due to storm sewer re-design after ULO information was obtained.

#9

DEPARTMENT OF PUBLIC WORKS
MADISON, WISCONSIN

Contract Name: E. Mifflin & N. Blount Street Street Reconstruction

Date: 4/25/2008
Change Order Number: CO 9
To Public Works Contract Number: 6019
Original Contract Project Number: 53W0025
Change Order Project Number: 53W0025 (of change order)

Change Order Description: Various areas of extra work to install the storm main.

Account Numbers for this Change Order:
ESTM-58270-810381-00-53W0025

Contractor: PARISI CONSTRUCTION
508 S. Nine Mound
Verona, WI. 53593

0

You are authorized and directed to make the following changes in this contract:

Item No.	Description	Est. Qty	Unit	Unit Price	Total Add	Total Deduct
	SEE ATTACHED	1	LS	1,523.00	1,523.00	0.00
	SEE ATTACHED	1	LS	7,426.26	7,426.26	0.00
	SEE ATTACHED	1	LS	7,126.00	7,126.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
Sub Totals					16,075.26	0.00

Grand Total: 16,075.26

The Original Contract Sum was: 2,612,858.86

Net Change by previous Change Orders: 329,603.53

The Contract Sum prior to this Change Order was: 2,942,462.39

The Contract Sum will be: Choose One: 16,075.26

The new Contract Sum including this Change Order will be: Choose One: 2,958,537.65

The Contract Time will be (days): TO BE DETERMINED

The Date of Completion as of the date of this Change Order, is

Contractor's Acceptance
By: [Signature]
Title: City President
Date: 6/4/08

City's Approval (see reverse side for instructions)
Construction Inspector: [Signature]
Construction Supervisor: Bryan P. Manning
Engineer: [Signature]
Board of Public Works: [Signature]

Date: 6-5-08
Date: 8/18/2008
Date: 11/3/08
Date:

Item No.	Date	Description	Labor			Equipment			Materials			Total Cost	Agreed to pay
			Men	Hours	Cost	Type	Hours	Cost	Description	Qty	Cost		
1	24-May	Ameritech MH at Paterson Had to excavate for intercon to break out bottom	Pipe Layer Top Man Foreman	3.5 3.5 3.5	\$ 245.00 - 262.50	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (2)	3.5 - - 7	\$ 525.00 - - 630.00	Granular Fill	80	\$ 960.00	\$ 2,622.50	2622.5
2	6-Jun	Livingston Water Offset Required to cap main due to pending weather Installed Temporary Valve, Cap.	Pipe Layer Top Man Foreman	6 6 6	\$ 420.00 \$ 399.00 \$ 450.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (1)	6 6 2 6	\$ 900.00 \$ 840.00 \$ 220.00 \$ 540.00	Granular Fill	80	\$ 960.00	\$ 4,729.00	2000
3	8-Jun	Livingston Water Offset Re-excavate and remove valve and cap installed on 6/6	Pipe Layer Top Man Foreman	4 4 4	\$ 280.00 \$ 266.00 \$ 300.00	Kobelco 330 Case 821 Komatsu 150 Dump Trucks (1)	4 4 0 6	\$ 600.00 \$ 560.00 - \$ 540.00	Granular Fill	0	\$ -	\$ 2,546.00	0
4	8-Jun	8" Water offset at Blount During sanitary installation found an 8" water line in conflict started to offset	Pipe Layer Top Man Foreman	5 5 5	\$ 350.00 \$ 332.50 \$ 375.00	Kobelco 250 Case 821 Tractor Backhoe Dump Trucks (1)	5 5 5 5	\$ 700.00 \$ 700.00 \$ 500.00 \$ 450.00	Granular Fill	60	\$ 720.00	\$ 4,127.50	4127.5
5	11-Jun	Unmarked 8" Water at Blount Waited for determination of live or dead. Cut-off and capped.	Pipe Layer Top Man Foreman	4 4 4	\$ 280.00 \$ 266.00 \$ 300.00	Kobelco 480 Case 821 Dump Trucks (3)	4 4 12	\$ 680.00 \$ 560.00 \$ 1,080.00	Granular Fill		\$ -	\$ 3,166.00	185
6	11-Jun	Duct package conflict at Blount Waited for redesign based on field elevation of duct package	Pipe Layer Top Man Foreman	3 3 3	\$ 210.00 \$ 199.50 \$ 225.00	Kobelco 480 Case 821 Dump Trucks (3)	3 3 9	\$ 510.00 \$ 420.00 \$ 810.00	Granular Fill		\$ -	\$ 2,374.50	\$ 791.50
7	13-Jun	20" Water offset at Blount Waited 3 hours for water to be turned off	Pipe Layer Top Man Foreman	3 3 3	\$ 210.00 \$ 199.50 \$ 225.00	Link Belt 330 Case 821 Tractor Backhoe Dump Trucks (3)	3 3 4.25 3	\$ 450.00 \$ 420.00 \$ 425.00 \$ 270.00	Granular Fill	0	\$ -	\$ 2,199.50	0
8	14-Jun	Water ties-ins on Blount Finish 8" offset and connect to existing 20" watermain	Pipe Layer Top Man Foreman	11 11 11	\$ 770.00 \$ 751.50 \$ 825.00	Link Belt 330 Case 821 Tractor Backhoe Dump Trucks (1)	11 11 0 11	\$ 1,650.00 \$ 1,540.00 \$ - \$ 990.00	Granular Fill 8" pipe	100 37	\$ 1,200.00 \$ 1,036.00	\$ 8,742.50	8742.5
9	26-Jun	Storm Sewer Grade Conflicts Paterson and Mifflin	Pipe Layer Top Man Foreman	2 2 2	\$ 140.00 \$ 133.00 \$ 150.00	Link Belt 330 Case 821 Kobelco 270 Dump Trucks (2)	2 2 6	\$ 280.00 \$ 280.00 \$ 540.00	Granular Fill		\$ -	\$ 1,523.00	1523
10	28-Jun	Remove Structure at Livingston	Pipe Layer		\$ -	Link Belt 330	3	\$ 420.00	Granular Fill	40	\$ 480.00	\$ 2,190.00	2190

4/23

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STM
 \$1523.00
 SAN
 \$2182.00

2/3

Line #	Date	Description	Activity	Rate	Qty	Unit Price	Material	Quantity	Unit Price	Total
		and Miffilin - 13 x 11 x 7	Top Man	\$ -	3	\$ 420.00	Materials			
			Foreman	\$ -	3	\$ 330.00				
				\$ -	6	\$ 540.00				
11	27-Jul	Water Offset at Dayton and Blount	Pipe Layer	6 \$ 420.00	6	\$ 900.00	Granular Fill	80	\$ 960.00	\$ 5,469.00
		Lower watermain to clear	Top Man	6 \$ 399.00	6	\$ 840.00				
		proposed 8" Sewer	Foreman	6 \$ 450.00	3	\$ 420.00				
					12	\$ 1,080.00				
12	8-Aug	Relay Sewer on Dayton	Pipe Layer	2 \$ 140.00	2	\$ 300.00	Granular Fill		\$ -	\$ 1,543.00
		Had to raise new pipe to clear	Top Man	2 \$ 133.00	2	\$ 280.00				
		electrical package	Foreman	2 \$ 150.00		\$ -				
					6	\$ 540.00				
13	16-Aug	Offset Water Main on Blair to	Pipe Layer	10.5 \$ 735.00	10.5	\$ 1,575.00	Granular Fill	80	\$ 960.00	\$ 8,105.75
		avoid conflict with sanitary sewer	Top Man	10.5 \$ 698.25	8	\$ 1,120.00				
			Foreman	10.5 \$ 787.50	2.5	\$ 250.00				
					22	\$ 1,980.00				
14	31-Aug	Miffilin and Franklin	Pipe Layer	11.5 \$ 805.00		\$ -	Cores	3	\$ 1,500.00	\$ 4,432.25
		Build inside Drop	Top Man	11.5 \$ 764.75		\$ -	Bypass pump	1	\$ 500.00	
			Foreman	11.5 \$ 862.50		\$ -				
						\$ -				
15	5-Sep	SAS #1	Pipe Layer	4 \$ 280.00	4	\$ 600.00			\$ 2,206.00	1800
		Remove attached MH's	Top Man	4 \$ 266.00		\$ -				
			Foreman	4 \$ 300.00	4	\$ 400.00				
					4	\$ 360.00				
16	17-Sep	S-23	Pipe Layer	5 \$ 350.00	5	\$ 750.00			\$ 4,107.50	2000
		Pipe was in conflict with watermain	Top Man	5 \$ 332.50		\$ -				
		City redesigned, removed pipe	Foreman	5 \$ 375.00	5	\$ 500.00				
		and reposed structure			20	\$ 1,800.00				
17	18-Sep	San MH 2 outside drop	3.5 VF	\$ -		\$ -			\$ 1,312.50	1440
18	25-Sep	Lower Sanitary to allow for Box	Pipe Layer	2 \$ 140.00	2	\$ 300.00			\$ 1,723.00	
		Culvert on Blount	Top Man	2 \$ 133.00	2	\$ 280.00				
			Foreman	2 \$ 150.00		\$ -				
					8	\$ 720.00				
19	25-Sep	Lower 1" Gas to allow for Box	Pipe Layer	2.5 \$ 175.00	2.5	\$ 375.00	Extra Slurry	10	\$ 580.25	\$ 2,734.00
		Culvert on Blount	Top Man	2.5 \$ 166.25	2.5	\$ 350.00				
			Foreman	2.5 \$ 187.50		\$ -				
					10	\$ 900.00				
20	2-Oct	MG&E Duct in Conflict with Box	Pipe Layer	\$ -		\$ -	Extra Slurry	30	\$ 1,740.75	\$ 1,740.75
		Culvert on Blount	Top Man	\$ -		\$ -				
		required extra slurry	Foreman	\$ -		\$ -				
						\$ -				
21	3-Oct	Concrete Duct package in conflict	Pipe Layer	4.5 \$ 315.00	4.5	\$ 675.00			\$ -	\$ 3,291.75
	4-Oct	at Blount and Miffilin	Top Man	4.5 \$ 299.25		\$ -				

SAN
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 SAN \$17567.25 ✓
 STM 7426.26 ✓

3/3

Item No.	Description	Quantity	Unit	Rate	Total	Subtotal	Subtotal	Subtotal	Subtotal	Subtotal	Subtotal
	Removal size 13x3x4	4.5	\$	337.50							
		4.5	\$	450.00							
		13.5	\$	1,215.00							
22	3-Oct Plug Box Culverts	32	\$	2,240.00							
	4-Oct Extra Time due to record lake levels. Please note these were dry in June when we crossed with the sewer.	32	\$	2,128.00							
		32	\$	2,400.00							
23	5-Oct S-3 Excavated for structure 14' deep then City redesigned. Removed concrete floor, backfilled and repoured floor	4	\$	280.00							
		4	\$	266.00							
		4	\$	300.00							
24	15-Oct Extra 29x45 HERCP	32	LF	90.00							
25	26-Oct Regrade curb on Box Culvert	8	\$	560.00							
		8	\$	600.00							
26	9/1-10/25 Extra Dewatering due to record lake levels and rain in August. Had to pump from Ameritech manhole and from box culvert										
27	Extra Cost for sump structures See attached breakout UPCO#4										

SFM
SFM
SFM
NO

75413.5

Hourly Rates

Description	Rate/Hour
Top Man	\$ 66.50
Pipe Layer	\$ 70.00
Foreman with Truck	\$ 75.00
400/480 Excavator	\$ 170.00
330 Excavator	\$ 150.00
270/250/235 Excavator	\$ 140.00
Tractor Backhoe	\$ 100.00
150 Hoeback	\$ 110.00
4 CY Loader (Case 821)	\$ 140.00
Skidsteer	\$ 95.00
Dump Truck	\$ 90.00
Granular Fill (per ton)	\$ 12.00

SFM
\$ 7126.00

NO

East Mifflin St
Change Order #8,9,10 designer comments

CO#8. Items #1,2,4,5,6,8,10,11,13,14,15,17

Storm and Sanitary sewer conflicts at Blount st and Mifflin St:

Both storm and sanitary sewer had to be redesigned multiple times at this location. Many ULO's were done, both by city crews prior to construction and by contractor. ULO information was reviewed and a redesign was done but due to complexity of underground utilities, all conflicts could not be avoided. Some utilities were mislabeled in ULO data, some directions of existing utilities were not specified, some utilities were not marked before start of job, and some utilities were not found during ULO's.

Many conflicts encountered during construction would've been very difficult to anticipate prior to pavement removal. Conflicts that were anticipated and corrected for are shown in CO data due to quantity overrun and extra time.

In addition to these problems, there was a record amount of rainfall that caused the large storm sewer being reconstructed to fill with water and stop work at the Mifflin and Blount intersection. Work had to be stopped several times due to heavy rain and restarted at a later date.

Water main was very deep on entire project. ULOs were not done on water main and conflicts were encountered with sanitary main.

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Telephone line not marked running down Paterson (Item #1).

CO#9. Items 9,12,16,19,20,21,23,24,25.

Item#25: Error was made in determination of final grade of top of box culvert. Curb had to be re-graded to accommodate culvert.

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CO#10. Additional 3'x6' and 3'x3' storm structures.

Change order for increased depth in inlets due to storm sewer re-design after ULO information was obtained.

DEPARTMENT OF PUBLIC WORKS
MADISON, WISCONSIN

Contract Name: E. Mifflin & N. Blount Street Street Reconstruction

Date: 6/6/2008
Change Order Number: CO 10
To Public Works Contract Number: 6019
Original Contract Project Number: 53W0025
Change Order Project Number: 53W0025 (of change order)

Change Order Description: EXTRA DEPTH FOR STRUCTURES TO GET UNDER EXISTING UTILITIES.

Account Numbers for this Change Order: ESTM-58270-810381-00-53W0025

Contractor: PARISI CONSTRUCTION
508 S. Nine Mound
Verona, WI. 53593

You are authorized and directed to make the following changes in this contract:

Item No.	Description	Est. Qty	Unit	Unit Price	Total Add	Total Deduct
	3 X 6 STRUCTURES	11.2	VF	620.00	6,944.00	0.00
	3 X 3 STRUCTURES	10.6	VF	420.00	4,452.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
					0.00	0.00
Sub Totals					11,396.00	0.00
Grand Total						11,396.00
The Original Contract Sum was						2,612,858.86
Net Change by previous Change Orders						345,678.79
The Contract Sum prior to this Change Order was						2,958,537.65
The Contract Sum will be:					Increased	11,396.00
The new Contract Sum including this Change Order will be						2,969,933.65
The Contract Time will be (days):					Increased	10 DAYS
The Date of Completion as of the date of this Change Order, is						

Contractor's Acceptance
By: [Signature]
Title: Vice President
Date: 6/8/08

City's Approval (see reverse side for instructions)
Construction Inspector: [Signature]
Construction Supervisor: [Signature]
Engineer: [Signature]
Board of Public Works: _____

Date: 6-9-08
Date: 8/18/2008
Date: 11/3/08
Date: _____

East Mifflin St
Change Order #8,9,10 designer comments

CO#8. Items #1,2,4,5,6,8,10,11,13,14,15,17

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In addition to these problems, there was a record amount of rainfall that caused the large storm sewer being reconstructed to fill with water and stop work at the Mifflin and Blount intersection. Work had to be stopped several times due to heavy rain and restarted at a later date.

Water main was very deep on entire project. ULOs were not done on water main and conflicts were encountered with sanitary main.

New sanitary main at Franklin St was very close to separate existing main. Outside drop was installed to link two systems.

Telephone line not marked running down Paterson (Item #1).

CO#9. Items 9,12,16,19,20,21,23,24,25.

Item#25: Error was made in determination of final grade of top of box culvert. Curb had to be re-graded to accommodate culvert.

Other Change Order items here are due to storm sewer redesign after ULO information was obtained.

CO#10. Additional 3'x6' and 3'x3' storm structures.

Change order for increased depth in inlets due to storm sewer re-design after ULO information was obtained.