

## Contract Change Order # 1

Project Name: 4th Street Sidewalk & E. Kenosha St. Trail Project Number: ST1708/176032  
 Project Location: 4th Street, Detroit to Midway / East Kenosha Date of Application: Tuesday, October 31, 2017  
 Contractor: Magnum Construction Submitted By: Robert Catcher

### Summary of Change in Scope of Work

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

**Change of Work Items Included in this Change Order:**

- Due to an error on the bid tab, confirmed by the engineer of record, the contract quantities as it refers to the Kenosha Street Multipurpose Trail retaining wall sections are to be amended to the below quantities. The amended quantities report is attached and follows the attached
- 1) projected quantities provided by the contractor. A future change order will amend the contract value to the final quantities report.

**Change in Contractual Project Time:**

- 1) An extension of time is expected from the above issue, but will be processed on the final change order.

Plan Sheets or Additional Documents Attached:  Yes  No  Other: Quantity Amendment Report

### Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO1-1		Quantities Amendment	NA	\$ 52,406.00	1	\$ 52,406.00
						\$ -
<b>Total Change Cost:</b>						<b>\$ 52,406.00</b>

### Summary of Project Costs

Total Previous Change Orders:	\$	-	Original Contract Amount:	\$	262,307.00
Current Change Order:	\$	52,406.00	Amended Contract Amount:	\$	314,713.00
Total Cost of Change Orders:	\$	52,406.00	Percent Change in Contract:		16.65%
Total Cost Applicable to CBA:			Percent Change Applicable to CBA:		0.00%

### Change Order Authorization

Change Order # 1 in the sum of: \$ 52,406.00 has been reviewed by all parties and is recommended for approval by:

Contractor Submitting Change Order:		Signature	Date
Construction Division Manager:	Timothy S Robins, PE	Signature	Date
Director of Engineering & Construction:	Alex Mills, PE	Signature	Date
Assistant City Manager - Operations:	Kenneth D Schwab, PE	Signature	Date
City Manager:	Michael Spurgeon	Signature	Date

**This Change is Executed Through:**

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.  
 or  
 This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, November 7, 2017

4th Street Sidewalk, Detroit to Midway / East Kenosha St. Multipurpose Trail  
 Summary of Quantities Changes  
 St1708/176032

Amended Quantity Report For Change Order #1

Item#	(Spec)	Item	Units	Price	Original Bid Quantity	Current Installed Quantity	Current Budget Spent
1		UNCLASSIFIED EXCAVATION	CY	\$ 30.00	95	95	\$ 2,850.00
2		SELECT BORROW	CY	\$ 45.00	20	20	\$ 900.00
3		TEMPORARY SILT FENCE	LF	\$ 1.00	630	630	\$ 630.00
4		SOLID SLAB SOD	SY	\$ 3.50	530	530	\$ 1,855.00
5		TYPE 'A' AGGREGATE BASE	CY	\$ 50.00	22	22	\$ 1,100.00
6		SUBGRADE, METHOD B	SY	\$ 6.00	730	730	\$ 4,380.00
7		SUPERPAVE, TYPE S3 (PG 64-22 OK)	TON	\$ 150.00	12	12	\$ 1,800.00
8		SUPERPAVE, TYPE S4 (PG 64-22 OK)	TON	\$ 200.00	6	6	\$ 1,200.00
9		STRUCTURAL STEEL - A36	LBS	\$ 1.50	816	816	\$ 1,224.00
10		CLASS A CONCRETE	CY	\$ 900.00	1	1	\$ 900.00
11		REINFORCING STEEL	LBS	\$ 3.00	23	23	\$ 69.00
12		CONCRETE CURB & GUTTER (6" BARRIER)	LF	\$ 25.00	390	390	\$ 9,750.00
13		4" CONCRETE SIDEWALK	SY	\$ 40.00	530	530	\$ 21,200.00
14		TYPE A HANDICAP RAMP	EA	\$ 900.00	5	5	\$ 4,500.00
15		TYPE B HANDICAP RAMP	EA	\$ 900.00	3	3	\$ 2,700.00
16		6" CONCRETE DRIVEWAY	SY	\$ 65.00	25	25	\$ 1,625.00
17		MANHOLE (4' DIAMETER)	EA	\$ 3,000.00	1	1	\$ 3,000.00
18		INLET W/SMALL JCT BOX, C1 DESIGN 2 (STD)	EA	\$ 4,100.00	2	2	\$ 8,200.00
19		MANHOLES ADJUST TO GRADE	EA	\$ 275.00	2	2	\$ 550.00
20		VALVE BOXES ADJUST TO GRADE	EA	\$ 190.00	1	1	\$ 190.00
21		METER BOXES ADJUST TO GRADE	EA	\$ 116.00	1	1	\$ 116.00
22		15" R.C. PIPE, CLASS III	LF	\$ 56.00	150	150	\$ 8,400.00
23		15" PREFAB. CULVERT END SECTION, ROUND	EA	\$ 550.00	2	2	\$ 1,100.00
24		REMOVAL OF CURB	LF	\$ 10.00	30	30	\$ 300.00
25		RMOVAL OF SIDEWALK	SY	\$ 14.00	20	20	\$ 280.00
26		SAWING PAVEMENT	LF	\$ 4.00	208	208	\$ 832.00
27		FENCE - STYLE CLF (6' HIGH, CLASS A)	LF	\$ 24.00	125	125	\$ 3,000.00
28		MOBILIZATION	LS	\$ 5,000.00	1	1	\$ 5,000.00
29		CONSTRUCTION STAKING LEVEL II	LS	\$ 2,500.00	1	1	\$ 2,500.00
30		TRAFFIC STRIPE PLASTIC (24" WIDE)	LF	\$ 24.00	128	128	\$ 3,072.00
31		TRAFFIC CONTROL	LS	\$ 4,500.00	1	1	\$ 4,500.00
32		MODULAR BLOCK WALL	SF	\$ 25.00	110	110	\$ 2,750.00
33		UNCLASSIFIED EXCAVATION	CY	\$ 20.00	480	480	\$ 9,600.00
34		TEMPORARY SILT FENCE	LF	\$ 1.00	200	200	\$ 200.00
35		SOLID SLAB SOD	SY	\$ 3.50	1,214	1,214	\$ 4,249.00
36		TYPE 'A' AGGREGATE BASE	CY	\$ 50.00	218	218	\$ 10,900.00
37		SUBGRADE, METHOD B	SY	\$ 6.00	971	971	\$ 5,826.00
38		CLASS A CONCRETE	CY	\$ 900.00	3	3	\$ 2,700.00
39		REINFORCING STEEL	LB	\$ 1.00	419	419	\$ 419.00
40		4" CONCRETE SIDEWALK	SY	\$ 40.00	728	728	\$ 29,120.00
41		43"x26" R.C. PIPE ARCH CLASS A-III	LF	\$ 550.00	10	10	\$ 5,500.00
42		REMOVAL OF HEADWALL	EA	\$ 750.00	1	1	\$ 750.00
43		PIPE RAILING (2-INCH)	LF	\$ 90.00	70	70	\$ 6,300.00
44		FENCE-STYLE CLF (6' HIGH, CLASS A) (BLACK	LF	\$ 30.00	70	70	\$ 2,100.00
45		MOBILIZATION	LS	\$ 5,000.00	1	1	\$ 5,000.00
46		CONSTRUCTION STAKING LEVEL II	LS	\$ 2,000.00	1	1	\$ 2,000.00
47		TRAFFIC CONTROL	LS	\$ 1,900.00	1	1	\$ 1,900.00
48		MODULAR BLOCK WALL	SF	\$ 25.00	274	2,396	\$ 59,900.00
49		UNCLASSIFIED EXCAVATION	CY	\$ 19.00	425	425	\$ 8,075.00
50		TEMPORARY SILT FENCE	LF	\$ 1.00	532	532	\$ 532.00
51		SOLID SLAB SOD	SY	\$ 3.50	823	823	\$ 2,880.50
52		TYPE 'A' AGGREGATE BASE	CY	\$ 45.00	160	160	\$ 7,200.00
53		SUBGRADE, METHOD B	SY	\$ 6.00	961	961	\$ 5,766.00
54		4" CONCRETE SIDEWALK	SY	\$ 34.00	823	823	\$ 27,982.00
55		PIPE RAILING (2-INCH)	LF	\$ 80.00	100	100	\$ 8,000.00
56		FENCE-STYLE CLF (6' HIGH, CLASS A) (BLACK	LF	\$ 29.00	100	100	\$ 2,900.00
57		MOBILIZATION	LS	\$ 2,000.00	1	1	\$ 2,000.00
58		CONSTRUCTION STAKING LEVEL II	LS	\$ 600.00	1	1	\$ 600.00
59		TRAFFIC CONTROL	LS	\$ 575.50	1	1	\$ 575.50
60		MODULAR BLOCK WALL	SF	\$ 23.00	83	55	\$ 1,265.00
Total Amended Budget							\$ 314,713.00

**From:** Robert Catcher  
**To:** [Robins, Timothy](#); [Vardasco, Joe](#)  
**Cc:** [Kenneth Delaloye](#)  
**Subject:** Kenosha Retaining Wall Units  
**Date:** Wednesday, October 11, 2017 12:37:40 PM

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Tim,

Please see below for a break down on planned quantities vs estimated actual quantities. At the sections of walls where we transition to different heights, I split the difference which may mean my estimate is too high or too low depending on the actual rate of transition. Take a look and let me know if I am seeing this wrong...

#### Base Bid

Station 20+57.97 to 22+00 3' tall wall.  $142\text{LF} \times 3' = 426\text{SF}$   
Station 23+50 to 25+80 3' tall wall.  $230\text{LF} \times 3' = 690\text{SF}$   
Station 25+80 to 26+20 average 2.5' tall wall.  $40\text{LF} \times 2.5' = 100\text{SF}$   
Station 26+20 to 28+60 2' tall wall.  $240\text{LF} \times 2' = 480\text{SF}$   
Station 28+60 to 28+90 average 2.5' tall wall.  $30\text{LF} \times 2.5' = 75\text{SF}$   
Station 28+90 to 30+50 3' tall wall.  $160\text{LF} \times 3' = 480\text{SF}$   
Station 30+50 to 30+80 average 3.5' tall wall.  $30\text{LF} \times 3.5' = 105\text{SF}$   
Station 30+80 to 30+90 4' tall wall.  $10\text{LF} \times 4' = 40\text{SF}$   
Total SF Base Bid – 2,396 SF.  
Planned Quantity – 274 SF

#### Alternate

Station 32+30 to 32+50 4' tall wall.  $20\text{LF} \times 4' = 80\text{SF}$   
Station 32+50 to 33+50 average 3.5' tall wall.  $100\text{LF} \times 3.5' = 350\text{SF}$   
Station 33+50 to 34+00 average 2.5' tall wall.  $50\text{LF} \times 2.5' = 125\text{SF}$   
Total SF Alternate 1 – 555 SF  
Planned Quantity – 83 SF

Thank you,

Robert Catcher



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