

**Salisbury Street Improvements Project, Phase 3
West Lafayette, IN**

CHANGE ORDER

Order No.: 3
Date: 08/31/2014

NAME OF PROJECT: Salisbury Street Improvements Project, Phase 3
OWNER: West Lafayette, IN
CONTRACTOR: Milestone Contractors, L.P.

The following changes are hereby made to the CONTRACT DOCUMENTS:

Item No.	Description	Quantity	Unit	Unit Price	Price
C3 5.46	Return Fee for Fiber Optic Data Hardware Switch	1.00	LS	\$ 2,923.75	\$ 2,923.75
C1 91.0	Square Post for Pedestrian Push Button	(3.00)	EACH	\$ 244.00	\$ (732.00)
C1 97.0	Signal Cable, 9C/14GA	123.00	LFT	\$ 2.31	\$ 284.13
C3 99.0	Relocate Power Conduit to Laf. Bank & Trust Sign	1.00	LS	\$ 465.83	\$ 465.83
2.3	Conduit, 2"	(52.50)	LFT	\$ 6.00	\$ (315.00)
2.7	Wire, 1C/4GA Copper	(2,265.00)	LFT	\$ 2.50	\$ (5,662.50)
3.3	Mulch, Hardwood	(100.00)	CYS	\$ 65.00	\$ (6,500.00)
5.0	Temporary Mulch Seeding	(2,136.00)	SYS	\$ 0.75	\$ (1,602.00)
5.4	Curb Ramp, Concrete	86.85	SYS	\$ 155.00	\$ 13,461.75
5.5	Sidewalk, Concrete, 4"	27.90	SYS	\$ 95.00	\$ 2,650.50
5.6	Curb, Concrete	(76.10)	LFT	\$ 46.00	\$ (3,500.60)
5.7	Curb & Gutter, Concrete	(8.17)	LFT	\$ 43.00	\$ (351.31)
5.8	Adjust Casting to Grade	(1.00)	EACH	\$ 450.00	\$ (450.00)
6.0	Subgrade Treatment, Type IIIA	2,868.80	SYS	\$ 12.00	\$ 34,425.60
7.0	Structure Backfill, Type I	(195.16)	CYS	\$ 22.00	\$ (4,293.52)
8.0	Rubblizing PCCP	(712.89)	SYS	\$ 1.40	\$ (998.05)
9.0	Milling Asphalt, 1.5"	84.06	SYS	\$ 4.50	\$ 378.27
10.0	HMA Surface, Type B	62.97	TON	\$ 70.00	\$ 4,407.90
11.0	HMA Intermediate, Type B	205.60	TON	\$ 65.00	\$ 13,364.00
12.0	HMA Base, Type B	48.60	TON	\$ 60.00	\$ 2,916.00
13.0	Concrete Curb Ramp	(131.90)	SYS	\$ 90.00	\$ (11,871.00)
14.0	Concrete Sidewalk	38.37	SYS	\$ 37.00	\$ 1,419.69
15.0	Concrete Curb	32.50	LFT	\$ 28.00	\$ 910.00
16.0	Concrete Curb & Gutter	(9.00)	LFT	\$ 19.00	\$ (171.00)
17.0	Center Curb, D, Concrete	7.00	LFT	\$ 40.00	\$ 280.00
18.0	PCCP for Approaches, 6"	(22.75)	SYS	\$ 45.00	\$ (1,023.75)
19.0	Water (kgal)	(8.00)	GAL	\$ 20.00	\$ (160.00)
20.0	Sodding	504.00	SYS	\$ 5.00	\$ 2,520.00
21.0	Sanitary Sewer Service Adjustment (Undistributed)	(75.00)	LFT	\$ 75.00	\$ (5,625.00)
22.0	Underdrain, 6"	6.00	LFT	\$ 45.00	\$ 270.00
23.0	Storm Sewer, 12" RCP	(76.00)	LFT	\$ 45.00	\$ (3,420.00)
24.0	Drainage Tile Repair (Undistributed)	(29.00)	LFT	\$ 75.00	\$ (2,175.00)
35.0	Comp. Aggregate, No. 53, Temp. for Access (Undistributed)	(58.26)	TON	\$ 14.00	\$ (815.64)
36.0	HMA for Temp. Pavement, Type B (Undistributed)	(100.00)	TON	\$ 50.00	\$ (5,000.00)
37.0	Pavement Message Marking, Remove	(11.00)	EACH	\$ 70.00	\$ (770.00)
38.0	Transverse Marking, Remove	(20.00)	LFT	\$ 3.75	\$ (75.00)
39.0	Line, Remove	(1,352.00)	LFT	\$ 0.50	\$ (676.00)
40.0	Temporary Pavement Marking, 4"	(4,848.00)	LFT	\$ 0.40	\$ (1,939.20)
41.0	Temp. Pavement Marking, Removable, 4"	151.92	LFT	\$ 0.75	\$ 113.94
42.0	Temp. Transverse Pavement Marking, 24"	(74.00)	LFT	\$ 5.50	\$ (407.00)
43.0	Sign Post, 2.25" Square, Reinforced	(16.00)	LFT	\$ 13.00	\$ (208.00)
44.0	Sign, Sheet, with Legend, 0.080" Thickness	3.58	SFT	\$ 14.00	\$ 50.12
46.0	Sign, Reset	(1.00)	EACH	\$ 50.00	\$ (50.00)
5.10	Signal Pedestal, 8 ft.	(1.00)	EACH	\$ 1,000.00	\$ (1,000.00)
5.15	Signal Cable, 3C/14GA	573.50	LFT	\$ 1.75	\$ 1,003.63
5.16	Signal Cable, 5C/14GA	120.50	LFT	\$ 2.00	\$ 241.00
5.18	Signal Cable, 7C/14GA (Undistributed)	215.00	LFT	\$ 2.10	\$ 451.50
5.22	Fiber Optic Data Hardware Switch	(9.00)	EACH	\$ 6,500.00	\$ (58,500.00)
5.27	Signal Cable, Loop Lead-In 2C/16Ga, Shielded	262.50	LFT	\$ 1.50	\$ 393.75
5.29	Saw Cut for Roadway Loop Detector and Sealant	(5.30)	LFT	\$ 8.50	\$ (45.05)

RECEIVED

SEP 12 2014

Item No.	Description	Quantity	Unit	Unit Price	Price
5.30	Signal Cable, Roadway Loop Copper 1C/14GA	-9.16	LFT	\$ 0.25	\$ -2.29
5.31	Conduit, 2"	(494.09)	LFT	\$ 9.00	\$ (4,446.81)
5.32	Conduit, 1"	258.42	LFT	\$ 8.50	\$ 2,196.57
5.33	Handhole, Signal, Type II	(1.00)	EACH	\$ 1,000.00	\$ (1,000.00)
5.34	Line, Remove	(12.00)	LFT	\$ 2.00	\$ (24.00)
5.35	Transverse Marking, Thermoplastic, Stop Line, 24"	(5.00)	LFT	\$ 5.00	\$ (25.00)
5.36	Transverse Marking, Thermoplastic, Crosswalk Line, 24"	(87.00)	LFT	\$ 5.00	\$ (435.00)
5.37	Yield Line Triangle, Thermoplastic, 1'6" W., 2'3" L., 1' Gap	(1.00)	EACH	\$ 29.00	\$ (29.00)
5.38	HMA for Patching (Undistributed)	(18.00)	TON	\$ 200.00	\$ (3,600.00)
5.39	Milling, Asphalt, 1.5" (Undistributed)	(204.97)	SYS	\$ 9.00	\$ (1,844.73)
5.41	Pavement Marking, Thermoplastic, Bicycle Detector	(9.00)	EACH	\$ 85.00	\$ (765.00)
5.43	Transverse Marking, Remove	(51.00)	LFT	\$ 3.65	\$ (186.15)
51.0	Conduit, 2"	706.50	LFT	\$ 9.00	\$ 6,358.50
58.0	Signal Cable, 1C/14GA	382.22	LFT	\$ 0.25	\$ 95.56
59.0	Signal Cable, 3C/14GA	1,043.00	LFT	\$ 1.75	\$ 1,825.25
59.1	Signal Cable, 5C/14GA	88.00	LFT	\$ 2.00	\$ 176.00
60.0	Signal Cable, 7C/14GA	(127.00)	LFT	\$ 2.00	\$ (254.00)
61.0	Signal Cable, 2C/14GA, Shielded	1,895.00	LFT	\$ 1.70	\$ 3,221.50
64.0	Sawcut for Roadway Loop and Sealant	(359.11)	LFT	\$ 8.50	\$ (3,052.44)
66.0	Fiber Optic Data Hardware Switch	(1.00)	EACH	\$ 6,500.00	\$ (6,500.00)
68.0	Transverse Markings, Thermoplastic, White, Crosswalk Line, 24"	(65.50)	LFT	\$ 4.90	\$ (320.95)
69.0	Line, Thermoplastic, Broken, White, 4"	(115.00)	LFT	\$ 0.65	\$ (74.75)
70.0	Line, Thermoplastic, Solid, White, 4"	(139.00)	LFT	\$ 0.65	\$ (90.35)
71.0	Line, Epoxy, Solid, White, 4"	(174.00)	LFT	\$ 3.00	\$ (522.00)
72.0	Transverse Markings, Epoxy, White, Stop Line, 24"	(36.00)	LFT	\$ 54.00	\$ (1,944.00)
73.0	Line, Thermoplastic, Dotted, White, 4"	(170.00)	LFT	\$ 0.60	\$ (102.00)
75.0	Line, Thermoplastic, Broken, Yellow, 4"	(482.00)	LFT	\$ 0.63	\$ (303.66)
76.0	Line, Thermoplastic, Solid, Yellow, 4"	(317.00)	LFT	\$ 0.63	\$ (199.71)
77.0	Transverse Markings, Thermoplastic, White, Stop Line, 24"	(14.00)	LFT	\$ 5.00	\$ (70.00)
79.0	Pavement Message Marking, Thermoplastic, Only, White	(1.00)	EACH	\$ 130.00	\$ (130.00)
81.0	Undercut and Backfill (Undistributed)	(178.01)	CYS	\$ 52.00	\$ (9,256.52)
88.0	Video Inspection for Pipe	(277.85)	LFT	\$ 1.50	\$ (416.78)
C3 100	Sculpture Foundations	1.00	LS	\$ 4,409.75	\$ 4,409.75
C3 101	Replace Concrete Approach	1.00	LS	\$ 2,300.00	\$ 2,300.00
C3 102	Concrete Joint Sealant	1.00	LS	\$ 4,772.40	\$ 4,772.40

TOTAL \$ (45,644.87)

JUSTIFICATION

- C3 5.46 Re-stocking fee for deleted fiber switches, installed by others
- C1 91.0 Quantity Adjustment, per field measurements
- C1 97.0 Quantity Adjustment, per field measurements
- C3 99.0 Relocate existing power conduit outside of sidewalk
- 2.3 Quantity Adjustment, per field measurements
- 2.7 Quantity Adjustment, per field measurements
- 3.3 Quantity Adjustment, per field measurements
- 5.0 Quantity Adjustment, per field measurements
- 5.4 Quantity Adjustment, per field measurements
- 5.5 Quantity Adjustment, per field measurements
- 5.6 Quantity Adjustment, per field measurements
- 5.7 Quantity Adjustment, per field measurements

5.8 Quantity Adjustment, per field measurements
6.0 Quantity Adjustment, per field measurements
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40.0 Quantity Adjustment, per field measurements
41.0 Quantity Adjustment, per field measurements
42.0 Quantity Adjustment, per field measurements
43.0 Quantity Adjustment, per field measurements
44.0 Quantity Adjustment, per field measurements
46.0 Quantity Adjustment, per field measurements
5.10 Quantity Adjustment, per field measurements

5.15 Quantity Adjustment, per field measurements

5.16 Quantity Adjustment, per field measurements

5.18 Quantity Adjustment, per field measurements

5.22 Fiber Switches Deleted; To be installed by others

5.27 Quantity Adjustment, per field measurements

5.29 Quantity Adjustment, per field measurements

5.30 Quantity Adjustment, per field measurements

5.31 Quantity Adjustment, per field measurements

5.32 Quantity Adjustment, per field measurements

5.33 Quantity Adjustment, per field measurements

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5.36 Quantity Adjustment, per field measurements

5.37 Quantity Adjustment, per field measurements

5.38 Quantity Adjustment, per field measurements

5.39 Quantity Adjustment, per field measurements

5.41 Quantity Adjustment, per field measurements

5.43 Quantity Adjustment, per field measurements

51.0 Quantity Adjustment, per field measurements

58.0 Quantity Adjustment, per field measurements

59.0 Quantity Adjustment, per field measurements

59.1 Quantity Adjustment, per field measurements

60.0 Quantity Adjustment, per field measurements

61.0 Quantity Adjustment, per field measurements

64.0 Quantity Adjustment, per field measurements

66.0 Fiber Switches Deleted; To be installed by others

68.0 Quantity Adjustment, per field measurements

69.0 Quantity Adjustment, per field measurements

70.0 Quantity Adjustment, per field measurements

71.0 Quantity Adjustment, per field measurements

72.0 Quantity Adjustment, per field measurements

73.0 Quantity Adjustment, per field measurements

- 75.0 Quantity Adjustment, per field measurements
- 76.0 Quantity Adjustment, per field measurements
- 77.0 Quantity Adjustment, per field measurements
- 79.0 Quantity Adjustment, per field measurements
- 81.0 Quantity Adjustment, per field measurements
- 88.0 Quantity Adjustment, per field measurements
- C3 100 Install Concrete Foundations for Future Sculptures at Salisbury & Navajo
- C3 101 Remove & Replace Damaged Concrete Approach
- C3 102 Additional concrete joint sealant per owner request

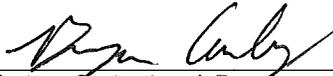
CHANGE TO CONTRACT PRICE:

Original CONTRACT PRICE	\$ 1,664,244.82
Current CONTRACT PRICE adjusted by previous CHANGE ORDER	\$ <u>1,612,890.04</u>
The CONTRACT PRICE due this CHANGE ORDER (increased) (decreased) by:	\$ <u>45,644.87</u>
The new CONTRACT PRICE including this CHANGE ORDER will be	\$ <u>1,567,245.17</u>

The CONTRACT TIME will be (increased) (~~decreased~~) by 0 calendar days.

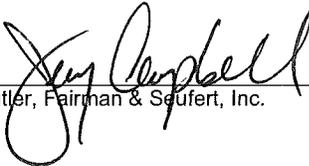
The date for completion of all work will be 10/01/2014

Requested By:



Milestone Contractors, L.P.

Recommended By:



Butler, Fairman & Seufert, Inc.

Redevelopment Commission for the
City of West Lafayette, West Lafayette, IN

Lawrence T. Oates, President

Stephen B. Curtis, Secretary

MIDWESTERN ELECTRIC, INC.
 3385 N ARLINGTON AVE
 INDIANAPOLIS, IN 46218

BANK SIGN REPAIR

7/24/2014

Project Description: found end of 1" pipe from bank sign to hook up pull box, dug trench looking for other end of 1" pipe, no pipe, found loose wires, advised to stop work.

Description	u/m	Qty	Rate	Amt
Labor				
per attached detail				205.28
TOTAL LABOR				205.28
Material				
per attached detail				-
TOTAL MATERIAL				-
Equipment				
per attached detail				260.55
TOTAL EQUIPMENT				260.55
TOTAL AMOUNT				\$ 465.83

Employee	Month Date	July 24	Total Hours	Rate	Total
<u>Local 1393 Electrical</u>					
Albert Price	ST	2	2	21.29	42.58
	OT		0	31.94	-
	DT		0		-
<u>Local 103 Operators</u>					
Jack Avery	ST	2	2	31.55	63.10
	OT		0	47.33	-
	DT		0	63.10	-
			4		105.68
					(1)
					(2)
<u>Fringes</u>					
<u>Local 1393 Electrical</u>					
Ryan Lepper	- hrs x				
Albert Price	2.00 hrs x	\$ 5.04 +	hr rate x	27.75% Fringe %	Total
Overtime	- hrs x	\$ 5.04 +	21.29 hourly rate		-
	2.00 hrs x	\$ 15.31	31.94 hourly rate		22.32
Jack Avery					-
					30.62
					(3)
<u>Local 103 Operators</u>					
Jack Avery					
Workmen's Compensation	1.04 x line 1				52.94
Bodily Injury Insurance	0.61 x line 1				4.16
Property Damage Insurance	0.84 x line 1				2.44
FICA	7.65% x line 2				3.36
State Unemployment	7.62% x line 2				8.08
Federal Unemployment	1.80% x line 2				8.05
Total Lines 2, 3, 4, 5, 6, 7, 8, 9					1.90
10% x line 10					186.62
Grand Total Labor (lines 10 + 11)					18.66
					205.28
					(11)
					(12)

EQUIPMENT

<u>Contractor Owned</u>	July		Hrs	Rate	TOTAL
		24			
1 Utility Truck		2	2	25.21	50.42
2 Crane Truck			0	68.50	-
3 Arrow Board			0	5.75	-
4 Trailer			0	3.48	-
5 Bucket Truck			0	26.71	-
6 Dump Truck		2	2	40.53	81.06
7 Backhoe		2	2	52.69	105.38
8 Stake Bed Truck			0	28.21	-
9 Air Compressor			0	4.50	-
10 Skid Steer				25.00	-
Total Contractor Owned Equipment					236.86

Rented Equipment (attach invoices)
 Fuel, Lubricants & Transportation Costs

TOTAL EQUIPMENT 236.86
 + Mark-up 10% 23.69
 260.55



MWE Daily Report

Job # 14-103 Date 7-24-14

Job Description Thursday

Safety Improvements

Controlling Operation (check all that apply and type in operation not on list)

- Foundations Conduit, Hand Holes Detector Housings Strain Poles
 Span, Catenary & Service Cable, Signal Heads, Sheet Signs Controller & Cabinet
 Sq. post anchors

- Installing Loops
 Final Clean-up

Equipment Used (enter quantity of all that apply and type in equipment not on list in blank spaces)

Qty	Equipment	City	Equipment	City	Equipment
1	Pick-up Truck		Backhoe		Pole Trailer
1	Utility Truck		Trencher		Wire Trailer
1	Dump Truck		Boring Machine		Cargo Trailer
	Bucket Truck		Mole		Arrow Board
			Skidsteer		

Crew & Hours (enter all crew members time and type in members not on list in blank spaces)

HR	OT	Name	HR	OT	Name	HR	OT	Name
10		Jack Avery			John James	10		Albert Price
		Hughie Coomer			Craig Johnson			Brendon Riggs
		Alva Day			David Lawson			Mark Smith
		Charlie Dial			Pierre Mason			Stuart Whitehouse
		DeJuan Flowers			Ed Polk			Terry Williams

Comments: (Please note any delays or down time)

Today's Installed Totals:

Qty	Item	Description
4	Sq. post for Ped. Buttons	Item 75, 13 hrs. just counted down from the bottom of Item No. to get that 75 No.
1	Lighting H.H. or Pull Box	Item 37, 2 hrs.
	Metered Service Point	Item 1, 1 hrs. <i>C.O. (modified)</i>
	T & M Job for Bank Sign	4 hrs.

Additional Material Needed for Coming Week:

Additional Comments or Notes:

Additional Comments or Notes:

Talked to Ryan on the Job at 6:30 am about what was going on at 14-103 for that day and next week, then dug up 1" PVC on westside of the job to put in the anchors on two corners at each cross walk, then we installed the pull box for lighting conduit, then at the end of the day fixed the service point.

Got started on time & material job on bank sign, found an end of 1" pipe from bank sign to hook up pull box, the dug trench down to where pipe turned to go to bank as we dug back looking for other end of 1" pipe we found 4 more wires but no pipe, so we started to pull the wire out of the pipe it popped out of dirt and looked like it had been cut long ago so we stop what we were doing and told Jeremy from B F & S he said take pix stop the work at two hrs of time.

Submit by Email



MILESTONE CONTRACTORS, L.P.

Time & Material Work Agreement (See back for terms and conditions.)

MCLP #: _____

CUSTOMER NO.: _____

DATE: 08/26/14

DESCRIPTION/SCOPE OF WORK: Tied rebar cage and poured 5 foundations for sculptures at the corner of Sallsbury and Navajo.

ADDRESS/LOCATION Intersection of Sallsbury & Navajo, West Lafayette, IN

JOB NO.: 142004

DATE EFFECTIVE: April 1, 2014 to March 31, 2015

EQUIPMENT RATES DO NOT APPLY TO SNOW REMOVAL

OVERTIME WILL BE CHARGED IN ACCORDANCE WITH UNION AGREEMENTS

EQUIPMENT (OPERATOR NOT INCLUDED)				LABOR	STRAIGHT TIME		TIME + 1/2		DBL. TIME		TOTAL (\$)
DESCRIPTION	HOURLY RATE	HOURS USED	TOTAL (\$)		RATE	HR	RATE	HR	RATE	HR	
ASPHALT PAVER	\$230.00		\$0.00	LABORER	\$63.00	15.00	\$83.00		\$102.00		\$945.00
DISTRIBUTOR	\$105.00		\$0.00	OPERATOR	\$83.00		\$110.00		\$137.00		\$0.00
BACKHOE	\$65.00		\$0.00	TEAMSTER	\$73.00		\$97.00		\$121.00		\$0.00
SCRAPER 613	\$135.00		\$0.00	CARPENTER	\$76.00		\$98.00		\$120.00		\$0.00
EXCAVATOR LARGE	\$220.00		\$0.00	MECHANIC	\$83.00		\$110.00		\$137.00		\$0.00
EXCAVATOR MEDIUM	\$140.00		\$0.00	FOREMAN	\$65.00	4.00	\$85.00		\$105.00		\$260.00
EXCAVATOR SMALL	\$95.00		\$0.00	SUPERINTENDENT	\$82.00		\$114.00		\$146.00		\$0.00
DOZER MEDIUM	\$95.00		\$0.00	HRLY SUPERINTENDE	\$81.00	5.00	\$109.00		\$136.00		\$405.00
DOZER SMALL	\$80.00		\$0.00	MATERIALS & SUPPLIES			QUANTITY	UNIT	PRICE (\$)	TOTAL (\$)	
GRADER LARGE	\$100.00		\$0.00	Class A concrete			4	cyd	\$ 100.00	\$400.00	
GRADER SMALL	\$53.00		\$0.00	Sonotubes			1	LS	\$ 485.85	\$485.85	
RUBBER TIRE LOADER	\$90.00		\$0.00	Misc Reinforcing steel			1	LS	\$ 73.50	\$73.50	
WHEEL TRACTOR	\$53.00		\$0.00							\$0.00	
STATIC ROLLER	\$38.00		\$0.00							\$0.00	
ROLLER VIBRATORY ASPHALT	\$105.00		\$0.00							\$0.00	
ROLLER VIBRATORY DIRT	\$78.00		\$0.00							\$0.00	
ROLLER SHEEPSFOOT 815	\$145.00		\$0.00	TRUCKING CO.		HOURS	# OF TRUCKS			TOTAL (\$)	
LOWBOY TRACTOR & TRAILER	\$105.00		\$0.00							\$0.00	
WATER TRUCK	\$53.00		\$0.00							\$0.00	
SINGLE AXLE FLATBED	\$53.00		\$0.00	SUBCONTRACTORS (Items of work performed)						TOTAL (\$)	
WALK/HAND CONCRETE SAW	\$30.00		\$0.00	Accu-Dig Hydro Excavators						\$1,840.40	
AIR COMPRESSOR/ATTACHMENTS	\$35.00		\$0.00								
GRINDER ATTACHMENTS	\$45.00		\$0.00								
MTL/SKID STEER	\$55.00		\$0.00								
PICKUP TRUCK	\$30.00		\$0.00								
POWER BROOMS	\$45.00		\$0.00								
SIDE PAVER	\$130.00		\$0.00								
VacAll Sweeper Truck.	\$130.00		\$0.00								
				Rental Equipment See Note (i)							
				Rental Equipment See Note (i)							

Milestone Contractors, L.P.

Owners Authorized Representative

Time & Material #: _____

Total: \$4,409.75

By: _____

By: _____

Printed: Rob Cochran

Printed: _____

Title: General Superintendent

Title: _____

Revision: (04/1/13)

Office Copy - White

Owner Copy - Yellow

MCLP Superintendent Copy - Pink

Jeremy Campbell

To: Bennet, Michael
Subject: RE: City Parking Lot Approach Quantity

From: Bennet, Michael [<mailto:Michael.Bennet@milestonelp.com>]
Sent: Monday, August 25, 2014 8:26 AM
To: Jeremy Campbell; Cauley, Bryan
Subject: RE: City Parking Lot Approach Quantity

Labor – 2,250
Equip - 900
Matl - 1,100
Truck - 350

Michael Bennet
Milestone

From: Jeremy Campbell [<mailto:JCampbell@BFSEngr.com>]
Sent: Monday, August 25, 2014 8:09 AM
To: Cauley, Bryan; Bennet, Michael
Subject: RE: City Parking Lot Approach Quantity

Michael,

Could you send me a breakdown today of the \$4600 for the replacement of the drive? Removal, labor, concrete etc.? If I can get that today I will speak to the town and probably get a response of how to move forward by tomorrow morning.

Thanks

Jeremy Campbell
Construction Engineer
Butler, Fairman, & Seufert Civil Engineering
8450 Westfield Blvd. Suite 300
Indianapolis, IN 46240-5920
(317) 443-2910

From: Cauley, Bryan [<mailto:Bryan.Cauley@milestonelp.com>]
Sent: Friday, August 22, 2014 2:57 PM
To: Jeremy Campbell
Subject: Fwd: City Parking Lot Approach Quantity

Sent from my Verizon Wireless 4G LTE DROID

----- Original Message -----

Subject: RE: City Parking Lot Approach Quantity

From: "Bennet, Michael" <Michael.Bennet@milestonelp.com>

To: "Cauley, Bryan" <Bryan.Cauley@milestonelp.com>

CC:

Bryan,

For us to remove and replace the drive, we are looking at \$4,600 worth of cost.

Michael

Milestone



Aug 19th, 2014

Butler, Fairman, & Seufert Civil Engineering
Attn: Jeremy Campbell
8450 Westfield Blvd. Suite 300
Indianapolis, IN 46240-5920

Re: SALISBURY STREET PH 3 – CO #8 – Seal Joints – 2 Options

Jeremy:

Per your request, you have requested the additional pricing:

- ~~• Option 1 – Mills Falmestock (Sikaflex) 750 LF \$3.55 / LF~~
 - Option 2 – Robert Haines (Dow Corning 888) ~~750 LF \$3.28 / LF~~
- 1455 LF @ \$ 3.28*
-
- \$ 4,772.40*

Please let me know if you have any questions.

Sincerely,

Michael Bennet
Senior Estimator

cc: jobfile 142004



Milestone Contractors, L.P. Extra Work Pricing Summary

Project No: Robert Haines - Seal Joints

Date Requested: 6/12/2014 **Date Submitted:** 6/12/2013
Revised:

Description of Work:

Reason for Extra Work:

Has Work Already Been Completed? No **When:**

MCLP Project No. 132009

Cost Activity Code:

Item:	Quantity:	750	Units	LF
Labor:	Cost =		Markup % 20%	Total \$ -
Equipment:	Cost =		Markup % 12%	Total \$ -
Materials:	Cost =		Markup % 12%	Total \$ -
Subcontract:	Cost =	\$ 2,220.00	Markup % 10%	Total \$ 2,442.00
			Markup % 7%	Total \$ 2,442.00
Trucking:	Cost =		Markup % 12%	Total \$ -
		\$ 2,220.00		\$ 2,442.00
Insurance & Bond	Cost =	\$ 18.32	Markup % 10%	Total \$ 20.15
Total				\$ 2,462.15
Unit Price				\$ 3.28

Bennet, Michael

From: jim@roberthainesco.com
Sent: Friday, July 18, 2014 1:53 PM
To: Bennet, Michael
Subject: RE: Salisbury Ph 3 - Joint Sealing

Michael,

Pricing to caulk +-750LF site concrete expansion & isolation joints \$2220.00

Using: Dow Corning 888 Joint Sealant!

Traffic Control, if required, by Others!!

To be done in 1 mobilization!!

Jim Pridgen
RHCo

----- Original message -----

From: "Bennet, Michael"

Date:07/18/2014 1:33 PM (GMT-05:00)

To: jim@roberthainesco.com

Subject: RE: Salisbury Ph 3 - Joint Sealing

Have you had a chance to look at this jim?

-----Original Message-----

From: Bennet, Michael

Sent: Thursday, July 17, 2014 8:48 AM

To: 'jim@roberthainesco.com'

Subject: Salisbury Ph 3 - Joint Sealing

Jim,

Appreciate you taking my call this morning.

We are looking at 750 LF of joint sealing in 4 locations (see attached drawing). You will be able to seal all in 1 mobilization.

Let me know if you have any questions.

Thanks,

Michael Bennet
Senior Estimator
3301 South CR 460 East
Lafayette, IN 47905
Office:(765) 250-4003

Fax:
Mobile:(765) 427-3809
[Milestone]

Product Information

Silicone Sealants

DOW CORNING

Dow Corning[®] 888 Silicone Joint Sealant

FEATURES

- Easy to use
- All-temperature gunnability
- Unprimed adhesion
- Seals irregular surfaces
- High movement capability
- Low modulus
- Fully elastic
- Resilient
- Good weatherability
- Fast cure – typically tack-free surface in one hour or less
- Long-life reliability

COMPOSITION

- One-part, cold-applied silicone that cures to a durable, flexible, low-modulus silicone rubber joint seal

Low-modulus silicone sealant for new and remedial joint sealing applications in Portland cement concrete

APPLICATIONS

- Sealing transverse contraction and expansion joints, longitudinal, center line and shoulder joints in Portland cement concrete (PCC)

TYPICAL PROPERTIES

Specification Writers: Please contact your local Dow Corning Sales Application Engineer or Dow Corning Customer Service before writing specifications on this product.

Test	Unit	Result
As Supplied		
Color		Gray
Flow, Sag or Slump		Nil
Extrusion Rate	grams per minute	90-250
Specific Gravity		1.450-1.515
Skin-Over Time, at 25°C (77°F)	minutes	10
Tack-Free Time, at 25°C (77°F)	minutes	60
Cure Time, at 25°C (77°F)	days	7-14
Full Adhesion	days	14-21
As Cured – after 7 days at 25°C (77°F) and 50 percent RH		
Elongation, minimum	percent	1200
Modulus, at 150 percent elongation, maximum	psi (kPa)	45 (310)
Durometer Hardness, Shore A	points	15-25
Joint Movement Capability, +100/-50 percent, 10 cycles		No failure
Adhesion to Concrete, minimum elongation	percent	+500

DESCRIPTION

Dow Corning[®] 888 Silicone Joint Sealant can be used as the original sealant in new concrete construction or as a remedial or repair sealant in old construction. In new construction, it provides the extra insurance needed if all the "shrink" or contraction cracks do not occur during the initial "weakening" step. Thus, two or three concrete lengths act in unison, stressing a sealant two or three times the design dimensions or movement.

Because of its low-modulus characteristics and good extension/compression recovery (+100/-50 percent of original

Joint Sealant gives outstanding performance in highway, airport and bridge joints in which high movement occurs.

Highway concrete contraction/expansion joints are generally sealed to prevent erosion of pavement sub-base and/or corrosion of metal tie bars embedded in the concrete. Such corrosion results from water and deicing chemicals entering the joints at the pavement surface.

Sealing of highway joints also prevents spalling and breakage of concrete along the slab edge, which occurs when noncompressibles (dirt

stones and/or ice) are forced into or form in the joint.

For use in repair or remedial applications where other joint sealing materials have failed because of excessive movement or poor weatherability, *Dow Corning* 888 Silicone Joint Sealant can be used to seal irregularly shaped and/or spalled joints. Thus, the joints do not need reforming before sealing. These joints should be dry and free of all old sealing compounds.

Benefits

- Easy to use – one-component, cold-applied, ready-to-use as supplied; no mixing required; dispensed directly from bulk container into joint by hand or with an air-powered pump.
- All-temperature gunnability – consistency is relatively unchanged over normal installation temperature range.
- Unprimed adhesion – primer is not required for bonding to PCC. For optimum adhesion, the surface must be clean, dry and frost-free.
- Seals irregular surfaces – can be used to seal joints where spalls have occurred, provided adequate contact is made between sealant and substrate.
- High movement capability – the sealant will perform in a continuous joint movement of +100/-50 percent. In new construction, it will take the 25 percent movement of each of two or three slab lengths working in unison before all the “shrink” or contraction cracks occur.
- Low modulus – the sealant stretches 100 percent in the joint with very little force. This places very little strain on the bond line or joint wall, which maximizes the probability of a successful seal with continuous joint movement. Joint movement caused by temperature, traffic and faulting requires a sealant that does not strongly resist stress and/or shear.
- Fully elastic – the sealant can be stretched to 100 percent or compressed to 50 percent of the joint

bond width and held there. When released, it will recover 95 percent or greater of the original dimension. The extension and/or compression can be repeated many times and the sealant will resume its original shape without splits or cracks. Thus, when properly installed in a highway contraction joint, it does not “pump” out of the joint during compression. Nor does it split, crack or lose adhesion during extension.

- Resilient – once cured, the sealant prevents stones and other noncompressibles from entering the joint by “squeezing” them out as soon as the force pushing these noncompressibles into the sealant is removed.
- Good weatherability – its 100 percent silicone rubber is virtually unaffected by sunlight, rain, snow, ozone or temperature extremes.
- Fast cure – typically, the sealant will have a tack-free surface in one hour or less. With this fast cure and recessed joint design, the road can be opened soon after sealing in most applications.

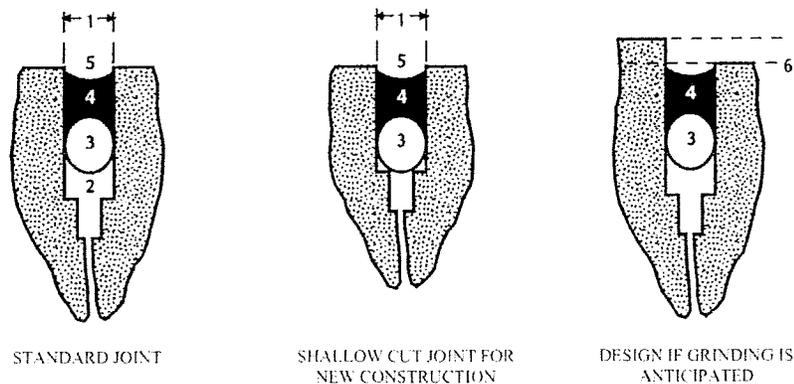
- Long-life reliability – under normal conditions, cured sealant stays rubbery from -45 to 149°C (-49 to 300°F) without tearing, cracking or becoming brittle.

Applicable Standards

Meets and/or exceeds ASTM D 5893-96 “Standard Specification for Cold Applied, Single Component, Chemically Curing Silicone Joint Sealant for Portland Cement Concrete Pavements,” Type NS (Non-Sag). In addition, the Federal Aviation Administration has published the “FAA Engineering Brief 36 – Silicone Joint Sealants.” This publication approves the use of these materials in airfield situations.

Meets and exceeds both Federal Specifications TT-S-001543A Class A (one-part silicone sealants) and TT-S-00230C Class A (one-component sealants) that were written for construction sealants requiring extremely high movement capability. Also meets Canadian Specification 19GP9 Type I and approximately 41 Department of Transportation (DOT)

Figure 1: Good Joint Design



1. Joint width wide enough to accommodate movement. (For additional information on joint width, see papers by Spells and Klosowski, “Silicone Sealants for Use in Concrete Construction,” Vol. 1, No. 1, *American Concrete Institute*, SP-70, 1981; J.B. Cook, “Construction Sealants and Adhesives,” Wiley-Interscience, 1970; and J.M. Klosowski, “Sealants in Construction,” Marcel Dekker, 1989.)
2. Joint sawed deep enough to allow backer rod/sealant placement and space for pumping of old sealant compounds. NOTE: This applies to standard joints only; void space beneath backer rod in new construction is not needed.
3. Proper backer rod placement to prevent three-sided adhesion.
4. Sealant installed to proper depth and width.
5. Sealant tooled 1/4 to 1/2 inch (6 to 13 mm) below pavement surface.
6. Depth of lowest slab determines the amount of recess required if grinding is anticipated;

Table I: Recommended Backer Rod Installation (Shallow Cut)¹

Measured in Inches						
Joint Width	1/4"	3/8"	1/2"	3/4"	1"	2"
Recessed Below Surface	3/8"	3/8"	3/8"	3/8"	3/8-1/2"	3/8-1/2"
Sealant Thickness	1/4"	1/4"	1/4"	3/8"	1/2"	1/2"
Backer Rod Diameter	3/8"	1/2"	5/8"	7/8"	1 1/4"	2 1/2"
Total Joint Depth	1-1 1/8"	1 1/8-1 1/4"	1 1/4-1 3/8"	1 5/8-1 3/4"	2 1/4-2 3/8"	2 1/2-2 5/8"
Measured in Millimeters						
Joint Width	6 mm	9 mm	13 mm	19 mm	25 mm	51 mm
Recessed Below Surface	9 mm	9 mm	9 mm	9 mm	9-13 mm	9-13 mm
Sealant Thickness	6 mm	6 mm	6 mm	9 mm	13 mm	13 mm
Backer Rod Diameter	9 mm	13 mm	16 mm	22 mm	32 mm	64 mm
Total Joint Depth	25-29 mm	29-32 mm	32-35 mm	41-44 mm	57-60 mm	64-67 mm

¹On road surfaces where grinding is planned at a later date, the sealant and backer rod should be installed so that sealant is approximately 3/8 inch (9 mm) below the road surface after grinding is complete. An additional small amount should be added to allow for surface imperfections on the bottom and to provide room for old sealant to pump up from below during rehabilitation work in the summer months.

specifications that require a low-modulus sealant with high movement capability.

HOW TO USE

Please refer to the *Pocket Installation Guide* for additional information on applications, preparation and installation information.

Low-modulus *Dow Corning* 888 Silicone Joint Sealant easily withstands extreme joint movement when properly applied. The sealant will withstand 100 percent extension and 50 percent compression of the original joint width. However, the recommended joint movement design is for ±25 percent (50 percent total) and not at the sealant limits. This difference ensures a successful seal when job site joint widths are different than designed widths. Therefore, the joint design dimensions should be less than the ultimate sealant capability.

A thin bead of silicone sealant will accommodate more movement than a thick bead. *Dow Corning* 888 Silicone Joint Sealant should be no thicker than 1/2 inch (13 mm) and no thinner than 1/4 inch (6 mm). Within these limits, the sealant width-to-depth ratio should be 2:1.

In all cases, the sealant must be recessed below the pavement surface at least 3/8 inch (9 mm) with 1/2 inch (13 mm) recess being acceptable in

wider joints (see Table I). Consideration should also be given to other possible road-working operations, such as diamond-grinding of the surface. Activities of this type would require the sealant bead to be recessed even deeper.

Dow Corning 888 Silicone Joint Sealant is a nonsag sealant. This allows its use in vertical curb joints as well as horizontal joints.

Being a non-leveling sealant, *Dow Corning* 888 Silicone Joint Sealant must be "tooled" to ensure good contact and adhesion as well as to control sealant depth and provide a recessed surface. Several devices can be used for tooling. Among the simplest and easiest to obtain is the expanded closed-cell polyethylene foam backer rod, which must be larger than the joint width.

In new construction where the joint is a new cut, a shallow cut is recommended where the backer rod is placed on the "shelf" or bottom of the joint (see Figure 1). Recommended depths are shown in Table I. This design provides a firm support for sealant tooling, making the sealant easier to install, and further ensures good sealant/concrete contact. A shallow cut design also saves saw blades and time.

In repair work where previous sealing materials have been of a joint filling type rather than a joint sealing type, or where the joint is not broadened by sawing, a standard joint design is recommended in which the backer rod is slightly above the shelf. Extra space (1/4 to 1/2 inch [6 to 13 mm]) between the bottom of the backer rod and shelf should be provided to allow for possible "pumping" of old joint filling material from the bottom of the joint. It is recommended that care be given to selection of proper oversized backer, so that a firm tooling support is obtained (generally 1/4 inch [6 mm] larger than the joint works quite well).

Dow Corning 888 Silicone Joint Sealant is part of a system that must include the proper backer rod and proper installation procedures. The backer rod must be expanded closed-cell polyethylene foam. Where irregularly shaped joints exist, backer rod that is open-cell with an impervious skin is recommended to ensure a tight fit. Several other back-up materials (paper, fibrous ropes and open cell foam) are available, but have proven to be unacceptable. There are several manufacturers of closed-cell polyethylene foam and any may be used.

Please refer to the *Pocket Installation Guide* for more information on applications, preparation and installation information.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT WWW.DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored in original, unopened containers between 0°C (32°F) and 32°C (90°F), *Dow Corning* 888 Silicone Joint Sealant has a shelf life of 12 months from date of manufacture. Keep containers tightly closed. Refer to product packaging for "Use By Date."

PACKAGING

Dow Corning 888 Silicone Joint Sealant is supplied in 29-fl oz (857-mL) disposable cartridges, 4.5-gal (17-L) bulk pails, and 50-gal (189-L) bulk drums.

LIMITATIONS

Dow Corning 888 Silicone Joint Sealant is not recommended for conditions where continuous water/moisture exposure is expected. It should not be applied in totally

confined spaces where the sealant is not exposed to atmospheric moisture. The sealant should never be applied to wet or damp concrete or installed during inclement weather. New concrete should be allowed to cure and dry for at least 7 days of good drying weather. For each day of rain that occurs during that period, an additional day should be added to the 7-day drying time. For "Fastrack" or high early concrete mixes, please contact your *Dow Corning* Technical Service Representative.

The sealant bead should be recessed below the pavement surface to prevent abrasion from traffic and snow removal equipment.

The adhesion to substrates other than PCC should be checked before performing full-scale sealing. Contact your *Dow Corning* Technical Service Representative.

Dow Corning does not promote or warrant the use of *Dow Corning*® brand sealants in applications associated with spill containment areas of any kind.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, *Dow Corning* has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com, or consult your local *Dow Corning* Sales Application Engineer.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that *Dow Corning*'s products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that the product will meet the *Dow Corning* sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.