
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS
GEOFF PAYTON, STREETS & PROPERTIES SUPERVISOR
SUBJECT: RESOLUTION: AUTHORIZING CHANGE ORDER #1 WITH BUILDERS
PAVING, LLC FOR 2016 MFT / PAVEMENT MAINTENANCE PROGRAM
AGENDA: NOVEMBER 15, 2016 BOARD MEETING
DATE: NOVEMBER 10, 2016

ISSUE

Should the Village Board approve Change Order #1 with Builder's Paving, LLC for the 2016 MFT / Pavement Maintenance Program.

DISCUSSION

At the March 15, 2016 Meeting, the Village Board awarded the contract for 2016 MFT / Pavement Maintenance Program to Builder's Paving LLC., with a construction cost of \$326,926.00. The engineer's estimate for construction was \$385,926.00. Builder's bid was \$59,000.00 (15%) under engineer's estimate. At the May 17, 2016 Board Meeting, approval was given to expand the limits of the project to include extending the limits of Snow Street resurfacing and include additional patching within Strafford Woods and Dugan Woods.

The costs associated with additional work is \$31,026.52 (approximately 10%). A change order to the contract is necessary for final payout of the completed work. The total costs of the contract will increase from \$326,926.00 to \$357,952.52 by approving change Order #1.

COST

This project was included in the FY 2016-17 budget. The costs for Construction Services will be charged to Capital Infrastructure Budget, account number 35-53-7008: Public Improvements.

RECOMMENDATION

The Village Board approves Resolution **#20161115PW2** approving Change Order #1 with Builder's Paving LLC., for construction services associated with the 2016 MFT / Pavement Maintenance Program.

Total Net Change: \$ 31,026.52

Amount of Original Contract: \$ 326,926.00

Amount of Previous Change Orders: \$ -

Amount of adjusted/final contract: \$ 357,952.52

Total net addition to date \$ 31,026.52 which is 9.49 % of the contract price.
 (addition, deduction)

State fully the nature and reason for the change: As completed per field measurements, see attachment.

When the net increase or decrease in the cost of the contract is \$10,000.00 or more, or the time of completion is increased or decreased by 30 days or more, one of the following statements must be checked:

- The undersigned has determined that the circumstances which necessitate this change were not reasonably foreseeable at the time the contract was signed.
- The undersigned has determined that the change is germane to the original contract as signed.
- The undersigned has determined that this change is in the best interest of the Local Agency and is authorized by law.

Prepared by: _____
 Project Manager
 Title of Preparer

For County and Road District Projects

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For Municipal Projects

Municipal Officer

Title of Municipal Officer

Date

Approved

Regional Engineer

Date

Note: Make out separate form for change in length quantities.
 Give net quantities
 Submit 6 Originals
 If plans are required attached 3 sets.

VILLAGE OF SUGAR GROVE
2016 MFT
SECTION 16-00000-01-GM
BLR 13210 SUPPLEMENT
EXPLANATION OF PAY ITEMS CHANGES IN EXCESS OF \$10,000 (AND NEW ITEMS)

PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT (190 SQ YD DEDUCTED AT \$62.00/SY = \$11,780.00)

The contract had a pay item to replace concrete driveways behind combination concrete curb and gutter removal and replacement if needed. This item was not needed in the field.

CLASS D PATCHES, 4 INCH SPECIAL (745.7 SQ YD 5 8 8 HCB AT \$31.00/SY = \$23,116.70)

Due to low unit prices, the Village directed the Contractor to complete additional patching on programmed roadways. This value reflects the final as measured value.

A.U.P. (ATTACHED) WATER VALVE VAULT ADJUSTMENT W/ NEW FRAME & LID (2 EACH @ \$800.00/EACH = \$1,600.00 INCREASE)

During construction layout, it was observed that two valve vault frame and lids were cracked and needed replacement.

T&M EARTH EXCAVATION FOR ADA RAMPS (ATTACHED - \$3,385.81 INCREASE)

Additional work and earth excavation was required at some sidewalk removal and replacement locations in order to make the sidewalk curbs ADA compliant.



05/31/16

REQUEST FOR CHANGE ORDER

16004-4374-6976

The Village of Sugar Grove
 10 S. Municipal Drive
 Sugar Grove, IL 60544

Village of Sugar Grove - 16-00000-01-GM - SG1517

RCO # 16004-02

Project # 16004

Description

WATER VALVE VAULT ADJUSTMENT W/ NEW FRAME & LID

Quantity	Unit	Unit \$	Extended \$
1,000 2	EACH	\$800.00	\$800.00 \$1600.00
Subtotal:			\$800.00 \$1600.00
Conditions (0%):			\$0.00
Bond Cost:			\$0.00
Net Amount of this Request:			\$800.00 \$1600.00

Adjust water valve vault & replace cracked frame on Snow Street.

Contract# 16-00000-01-GM
 Job ID: 16004 - Village of Sugar Grove
 T&M# 16004-03
 Force account bill for: 16004-03-Earth excavation for ADA ramps

Route: Various Local Roads
 Section: 16-00000-01-GM
 County: Kane

Auth. No. _____
 Invoice# _____

Labor Expense Employee	Occupation	2016 06/02	Total Hours	Rate	Insurance Amount	Payroll Amount	Earnings To Date	Payroll Amount Eligible For Unemployment Tax
							FUT	SUT
Jacob J. Slitter	EO C7	3.00	3.00	48.3000	241.50	289.80	20,925.22	0.00
		2.00	2.00	72.4500				0.00
Jan F. Styrzcula	LA	3.00	3.00	40.2000	160.80	180.90	15,355.35	0.00
		1.00	1.00	60.3000				0.00
SubTotal:			6.00		402.30	470.70		0.00
			3.00					0.00

Union Benefits:
 Laborers Union 106.48 4.00 hours @ 26.62
 Operating Engineers 169.40 5.00 hours @ 33.88

Sub Total: 35.00% of \$746.58
SubTotal: \$275.88
 Plus: Worker's Compensation Insurance \$746.58
 Public Liability & Property Damage Insurance, excluding payroll of Truck Drivers \$261.30
 Federal Unemployment Tax 7.7500% of \$402.30 \$8.89
 State Unemployment Tax 0.60% of \$0.00 \$0.00
 Federal Social Security Tax 6.20% of \$470.70 \$29.18
 Federal Medicare Tax 1.45% of \$470.70 \$6.83
 SubTotal of Payroll Additives \$84.93
 Plus 10.00% of \$84.93 \$8.49

Total Labor Costs \$1,101.30

I hereby certify that the above statement is a copy of that portion of the payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

(Signed) _____
 (Contractor)

Contract# 16-00000-01-GM
 Job ID: 16004 - Village of Sugar Grove
 T&M# 16004-03

Route: Various Local Roads
 Section: 16-00000-01-GM
 County: Kane

Auth. No. _____
 Invoice# _____

Force account bill for: 16004-03-Earth excavation for ADA ramps

2016
 06/02

Equipment Expense	Total Hours	Rate	Amount
2000 XL4100 Gradall	5.00	116.01	580.05
Chassis Cab (16000Gww) Pg.50	4.00	19.78	79.12
Total Equipment Expense:			659.17

Subcontractor Expense Name	Description	Amount
Builders Asphalt, LLC	Inv# 17749 - Builders Asphalt, LLC	343.00
Builders Asphalt, LLC	Inv# 17749 - Builders Asphalt, LLC	125.00
Builders Asphalt, LLC	Inv# 17749 - Builders Asphalt, LLC	245.00
Gem Construction Co.	Inv# SG1517.TM1 - Gem Construction Co.	727.68
Subtotal Subcontractor		1,440.68
Plus 5.00% on		\$1,440.68
Total Subcontractor Expense		1,512.71

Total Labor \$1,101.30
 Total Equipment Expense \$659.17
 Total Subcontractor \$1,512.71

1588.50
3348.98
32.49
3.35
3385.91

799.86
75.64
1588.50

Total \$3,273.18
 Bond 1.00% \$32.73
 Plus 10.00% of Bond \$3.27
 Total Bill \$3,309.18

Resident



County KANE

Section

Route

District

Contractor BUILDERS PAVING

Contract No.

Report No. 1 Date 6-2-2016

Job No. 16004

Authorization No. 1

Project No.

Description and Location of Work: EXCAVATION AT ADA RAMP
CUT CROWN DOWN ON MONNA

LABOR

Name, Worker Classification	Total Hours Worked (Straight-Time) (Overtime)
JAKE SITTER - OPERATOR	3 (2)
JAN STRUCULA - LABORER	3 (1)
MITCH MALE - TEAMSTER	2 1/2 (1 1/2)
PATRICK QUINLY - TEAMSTER	2 1/2

EQUIPMENT USED

MATERIAL USED

Description: List Manufacturer, Model, Year Built, Capacity	Number of Hours	Description	Quantity
GRADALL XL 4100 - 2000	5	PLANO CLEAN FILL DUMP PROVIDED BY OTHERS	3 LOADS
MACK SEMI w/ DUMP TRAILER	4		
MACK SEMI w/ DUMP TRAILER	2 1/2		
TRUCK # 1347 *			
TRUCK # 1349 *			
HEV - SERVICE TRUCK # 6148	4		

REMARKS:

APPROVED:

[Signature]
Contractor's Representative

APPROVED:

State's Representative

Original: Contractor
cc: District File

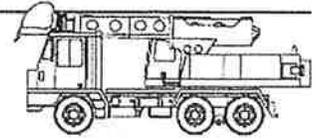
MARKS BETHREND



Rental Rate Blue Book®

Gradall XL 4100 (disc. 2003)

Truck Mounted Hydraulic Excavators



Size Class:

Operating Weight 17.1 MTons & Over

Weight:

45,660 lbs.

Configuration for XL 4100

Power Mode	Diesel	Axle Configuration	6 X 4
Bucket Capacity - Heaped	.62 cy	Net Horsepower	138.0 hp
Carrier Net Horsepower	185.0		

Equipment Notes: General Purpose bucket included in rate.

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$9,715.00	\$2,720.00	\$680.00	\$100.00	\$59.60	\$114.80
Adjustments						
Region (Aurora: 102.7%)	\$262.30	\$73.44	\$18.36	\$2.70		
Model Year (2000: 99.5%)	(\$49.89)	(\$13.97)	(\$3.49)	(\$0.51)		
Ownership (100%)	-	-	-	-		
Operating (100%)	-	-	-	-		
Total:	\$9,927.41	\$2,779.47	\$694.87	\$102.19	\$59.60	\$116.01

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	31%	\$3,011.65 / mo
Overhaul (ownership)	60%	\$5,829.00 / mo
CFC (ownership)	5%	\$485.75 / mo
Indirect (ownership)	4%	\$388.60 / mo
Fuel (operating) @ \$3.46	31%	\$18.20 / hr

Revised Date: 2nd Half 2015



Rental Rate Blue Book®

June 21, 2016

On-Highway Light Duty Trucks

Miscellaneous Models

Size Class:

Net Hp 200 - 299 HP

Configuration for On-Highway Light Duty Trucks

Horsepower	234	Power Mode	Gasoline
Cab Type	Conventional	Axle Configuration	4X2
Ton Rating	1	Horsepower	234.0

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$740.00	\$205.00	\$51.00	\$8.00	\$15.90	\$20.10
Adjustments						
Region (Aurora: 102.9%)	\$21.46	\$5.95	\$1.48	\$0.23		
Model Year (2000: 89.7%)	(\$78.43)	(\$21.73)	(\$5.41)	(\$0.85)		
Ownership (100%)	-	-	-	-		
Operating (100%)						
Total:	\$683.03	\$189.22	\$47.07	\$7.38	\$15.90	\$19.78

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	\$414.40 / mo
Overhaul (ownership)	27%	\$199.80 / mo
CFC (ownership)	7%	\$51.80 / mo
Indirect (ownership)	10%	\$74.00 / mo
Fuel (operating) @ \$2.82	79%	\$12.54 / hr

Revised Date: 2nd Half 2015



4413 Roosevelt Road, Suite 108
 Hillside, IL 60162
 Phone (847) 419-9000 Fax (847) 419-9050

Kaneville Plant
 45W295 Main Street Road
 Elburn, IL 60119
 Phone (630) 557-0090
 Fax (630) 557-0110

Customer ID BUILDERSPV

BUILDERS PAVING LLC
 4413 ROOSEVELT ROAD
 SUITE 108
 HILLSIDE, IL 60162

Phone (847)419-9000 Fax (847)419-9050
 SEMI 6/2/16

Invoice# 17749

Date 06/02/2016 Page# 2

Job ID 16001

AURORA 2016 NEIGHBORHOOD
 RESURFACING
 4413 ROOSEVELT ROAD
 SUITE 108

Description	Quantity	U/M	Price	Total
SEMI W/ DRIVER HR NONTAX - TRK 1347 16004	3.50	HRS	\$98.00	\$343.00
SEMI W/ DRIVER HR OVERTIME NONTAX - TRK 1347 CO-03 ?	1.00	HRS	\$125.00	\$125.00
SEMI W/ DRIVER HR NONTAX - TRK 1349 16004-CO-03	2.50	HRS	\$98.00	\$245.00
Invoice Total				\$713.00

Net Amount Due \$10,216.00

GEM CONSTRUCTION, INC.
348 WOODLANE CT.
WOODDALL, IL 60191
(630) 595-2457
fax-(630) 595-2473

TIME & MATERIAL
FORCE ACCOUNT BILL

FORCE ACCOUNT BILL FOR Sugar Grove /Earth Excavation for ADA ramps
CONTRACT NO. SG1517
DATE OF JOB 5/20/2016

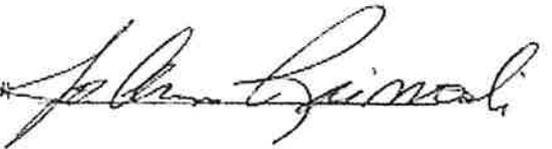
***** SUMMARY PAGE OF ALL COSTS FOR FORCE ACCOUNT BILL

TOTAL LABOR COSTS	<u>\$571.02</u>
TOTAL EQUIPMENT COSTS	<u>\$156.66</u>
TOTAL MATERIAL COSTS	<u>\$0.00</u>
FORCE ACCOUNT BILL TOTAL	<u>\$727.68</u>

AFFIDAVIT

This is to certify any material, equipment, and labor costs that apply to job are actual costs.

(Signed)

6/1/2016




www.equipmentwatch.com

Rental Rate Blue Book®

1998 International 4700 July 24, 2013

On-Highway Rear Dumps
Miscellaneous Models

Size Class:
19,501 - 26,000 GVW 19,501 - 26,000 GVW

Configuration for On-Highway Rear Dumps

Power Mode	Diesel	Axle Configuration	4x2
Maximum Gross Vehicle Weight	25,000 lbs	Struck Capacity	5 - 6 cy
Horsepower	260.0		

Equipment Notes: Highway type rear dump equipment presents a broad variance in list price for similar load rated capacities. Engine, axle, and transmission combinations can significantly vary the rate. Costs listed here reflect an average purchase price average purchase price and are presented only for comparative purposes.

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$2,015.00	\$565.00	\$160.00	\$21.00	\$30.35	\$41.80
Adjustments						
Region (Illinois: 101.6%)	\$32.24	\$9.04	\$2.24	\$0.34		
Model Year (2001: 84.5%)	(\$317.32)	(\$88.98)	(\$22.05)	(\$3.31)		
Ownership (100%)						
Operating (100%)						
Total:	\$1,729.92	\$485.06	\$120.19	\$18.03	\$30.35	\$40.18

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	53%	\$1,067.95 / mo
Overhaul (ownership)	31%	\$624.65 / mo
CFC (ownership)	4%	\$80.60 / mo
Indirect (ownership)	12%	\$241.80 / mo
Fuel (operating) @ \$3.96	73%	\$22.29 / hr

Revised Date: 2nd Half 2013



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Rental Rate Blue Book (Equipment Cost Recovery)

Date: Monday, Sep 10, 2007

Non-Tilt Deck Utility Trailers
Miscellaneous Modes

Configuration for Non-Tilt Deck Utility Trailers ²⁰⁰⁷ (TRAILER WITH FLAT BED 12 FT)

Number of Axles: 2 Number of Tires: 4
Hitch Type Tow Capacity: 5,000

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

Published Rates	Ownership Costs				Estimated Operating Costs	FHWA Rate -
	Monthly	Weekly	Daily	Hourly		
	\$263.00	\$76.00	\$18.00	\$0.33	\$1.45	\$2.33
Adjustments						
Region (linear: 100.0%)	+55.72	+51.61	+30.40	-\$0.07		
Model Year (2001: 84.5%)	-\$14.01	-\$4.10	-\$1.01	-\$0.17		
Ownership (100%)	-	-	-	-		
Operating (100%)	-	-	-	-		
Total	\$251.11	\$78.50	\$17.38	\$2.00	\$1.45	\$2.85

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	24%	\$114.40 / mo
Overhaul (ownership)	32%	\$82.20 / mo
FCO (ownership)	12%	\$31.20 / mo
Interest (ownership)	12%	\$31.20 / mo

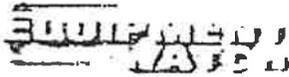
Revised Date: 2nd Half 2007

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Thursday, June 21, 2012

Case 90XT (disc. 2004)
Skid Steer Loaders

Size Class:
2201 lbs & Over 2201 lbs & Over
Weight:
8,950 lbs.



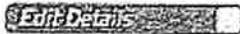
Configuration for 90XT

Power Mode: Diesel Operating Capacity (SAE): 2,450 lbs
Net Horsepower: 74.0

Equipment Notes: Includes bucket and ROPS, unless otherwise noted.

Equipment Details

Equipment ID: Gem Case 90XT
Serial Number:
Year of Manufacture: 2004
Notes:
Fleet: Gem 2012 Rt56



Adjustments for Gem Case 90XT in Gem 2012 Rt56

Rental Rate Blue Book Custom Cost Evaluator

printable report

Blue Book Rates

	Ownership Costs				Estimated Operating Costs		FHWA Rate **
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly	
Published Rates *	\$2,570.00	\$720.00	\$186.00	\$27.00	\$20.55	\$35.15	
Adjustments:							
Region (Illinois: 101.4%)	+\$35.98	+\$10.08	+\$2.52	+\$0.38			
Model Year (2004: 99.4%)	-\$15.64	-\$4.36	-\$1.10	-\$0.16			
Ownership (100%)							
Operating (100%)							
Total:	\$2,590.34	\$725.70	\$191.42	\$27.22	\$20.55	\$35.27	

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	25%	\$642.50 / mo
Overhaul (ownership)	63%	\$1,619.10 / mo
CFC (ownership)	5%	\$128.50 / mo
Indirect (ownership)	7%	\$179.90 / mo
Fuel (operating) @ \$4.11	55%	\$11.25 / hr

Revised Date: 2nd Half 2011

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Email: customerservice@equipmentwatch.com
6.2.12



RESOLUTION NO. 20161115PW2

VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS

**RESOLUTION AUTHORIZING EXECUTION OF CHANGE ORDER #1
WITH BUILDER’S PAVING, LLC FOR THE 2016 MFT / ROADWAY
PROGRAM**

WHEREAS, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village approve Change Order #1 with Builder’s Paving, LLC for additional construction services for the 2016 MFT / Roadway Program, and to execute the attached agreement;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

The President and Clerk are hereby authorized to execute Change Order #1 on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement between Builder’s Paving, LLC and the Village of Sugar Grove for the professional construction services for the 2016 MFT / Roadway Program.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 15th day of November, 2016.

P. Sean Michels,
President of the Board of Trustees
of the Village of Sugar Grove, Kane
County, Illinois

ATTEST: _____
Cynthia L. Galbreath
Clerk, Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Kevin M. Geary	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Mari Johnson	_____	_____	_____	_____
Trustee Ted Koch	_____	_____	_____	_____
Trustee Rick Montalto	_____	_____	_____	_____
Trustee David Paluch	_____	_____	_____	_____