

Date of Issuance:

Effective Date:

Owner: Manheim Borough

Owner's Contract No.: N/A

Contractor:

Contractor's Project No.:

Engineer: Lancaster Civil Engineering Co.

Engineer's Project No.: 9-70

Project: E. Adele Ave. / N. Laurel St. Drainage Improvements

Contract Name: N/A

The Contract is modified as follows upon execution of this Change Order:

Description: **Balancing change order for overruns and underruns in quantities, additional grading to improve drainage.**

Attachments (list documents supporting change): Itemized Change Order #1 spreadsheet by the Lancaster Civil Engineering Co. dated June 15, 2020; Negotiated Price Cost Justification (Extra Grading) by Wexcon Inc.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price:  \$ <u>152,287.00</u>	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___:  \$ <u>0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order:  \$ <u>152,287.00</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [Decrease] of this Change Order:  \$ <u>5,767.45</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order:  \$ <u>146,519.55</u>	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By: <u>Benjamin S. Gattstock</u>	By: _____	By: _____	By: _____	By: _____	By: _____
Engineer (if required)	Owner (authorized signature)		Contractor (authorized signature)		
Title: <u>Borough Engineer</u>	Title: _____	Title: _____	Title: _____	Title: _____	Title: _____
Date: <u>3/23/2021</u>	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_

March 23, 2021

Mr. James Fisher, PE  
Borough Manager  
15 East High Street  
Manheim, PA 17535  
manager@manheimborough.org



**LANCASTER CIVIL**  
★ ★ engineering company ★ ★  
p.o. box 8972, lancaster, pa 17604-8972  
www.lancastercivil.com

Re: E. Adele Ave. / N. Laurel St. Drainage Improvements (LC Project No: 9-70)  
Change Order #1 (Additional Grading + Balancing Change Order)

Description	Quantity	Unit	Unit Cost	Total Cost
Combination Storm Sewer & Underdrain, 15" RCP, Class IV	-2	EA	\$72.00	-\$144.00
8" Corrugated HPDE Pipe	1	LF	\$31.00	\$31.00
Water Service Lateral Replacement	-9	EA	\$1,000.00	-\$9,000.00
Superpave Base Course, 25.0 mm, 5" Depth	40.5	TN	\$162.00	\$6,561.00
Superpave Wearing Course, 9.5 mm, 1.5" Depth	-31	TN	\$161.00	-\$4,991.00
Cement Concrete Sidewalk	-6	SF	\$17.00	-\$102.00
Additional Grading	1	LS	\$1,877.55	\$1,877.55
<b>TOTAL</b>				<b>-\$5,767.45</b>

**NEGOTIATED PRICE COST JUSTIFICATION**  
**Force Account Estimate**CONTRACT #: \_\_\_\_\_ ITEM NO.: \_\_\_\_\_ DESCRIPTION: \_\_\_\_\_ **Extra Grading****MATERIAL**

DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
Nyloplast Domed Grate	1.00	\$100.00	\$100.00
Straw Matting	1.00	\$35.00	\$35.00
Subtotal			\$135.00
Sales Tax			\$8.10
Total Material			\$143.10
15% Overhd & Profit <sup>(1)</sup>			\$21.47

**LABOR**

CLASSIFICATION	HOURS	BASE RATE	BASE LABOR	TOTAL RATE	DIRECT LABOR
Foreman	6	\$57.59	\$345.54	\$65.59	\$393.54
Operator	6	\$55.59	\$333.54	\$63.59	\$381.54
Laborer	6	\$35.71	\$214.26	\$43.71	\$262.26
Total Base Labor			\$893.34	Subtotal	\$1,037.34
% Ins., Taxes, Etc. = 21.760%			Total Base Labor x (% Ins., Taxes, etc.)		\$194.39
			Total Labor		\$1,231.73
15% Overhd & Profit <sup>(1)</sup>					\$184.76

**EQUIPMENT**

DESCRIPTION	BLUE BOOK SEC-PG	HOURS	RATE / HR*	AMOUNT
John Deere 35G	See attached	6.00	\$20.50	\$123.00
Ford F350 Pick-up	See attached	6.00	\$22.47	\$134.82
* Rate/Hour includes estimated Operating Cost			Total Equipment	\$257.82
			15% Overhd & Profit <sup>(1)</sup>	\$38.67
				\$1,877.55

\* Rate/Hour includes estimated Operating Cost

(1) Overhead & Profit markups are to be negotiated. Enter the agreed upon markup for each component (as a whole number) in the space provided. Overhead markup for Subcontractor may not exceed 6%. Overhead markup for Service By Others may not exceed 2%. The total markup paid, including Sub & SBO markups, may not exceed what would be paid if specified force account markups were applied.

(2) Subcontractor Cost must be supported by a separate Form CS-4347CJ.

(3) Service By Others cost must be supported by a computation or quotation.

(4) Number of Units must be supported.

Total Cost	\$1,877.55
Subcontractor Cost <sup>(2)</sup>	\$0.00
5% Overhead (Sub) <sup>(1)</sup>	\$0.00
Service By Others <sup>(3)</sup>	\$0.00
2% Overhead (SBO) <sup>(1)</sup>	\$0.00
GRAND TOTAL	\$1,877.55
Number of Units <sup>(4)</sup>	1.00
Unit Cost	\$1,877.55

## Samuel Rosario

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**From:** Dave Care <dave.care@lbh2o.com>  
**Sent:** Tuesday, March 16, 2021 10:06 AM  
**To:** Samuel Rosario  
**Subject:** RE: N Laurel Street Extra Work

Hi Sam

I just spoke to jim, we are just going to get a nyloplast domed grate only they are \$100.00 ea, we don't have jute matting but we have straw matting that is \$35.00 per roll.

Thanks  
Dave



100% employee owned

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### Dave Care

Sales  
35 Pleasant Valley Road  
Ephrata, PA 17522  
Office 717.738.0389 | Fax 717.738.0868  
Cell 717.629.3737  
[www.lbh2o.com](http://www.lbh2o.com) | [dave.care@lbh2o.com](mailto:dave.care@lbh2o.com)



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**From:** Samuel Rosario <samuel@wexconinc.com>  
**Sent:** Tuesday, March 16, 2021 10:01 AM  
**To:** Dave Care <dave.care@lbh2o.com>  
**Subject:** N Laurel Street Extra Work

Dave,

Can you give me a price for one beehive dome like the one attached and 100' of jute matting?

Let me know if you have any questions or concerns.

Thanks!

Samuel J. Rosario  
Estimator  
Wexcon, Inc.  
Ph.: 610-488-7420  
Fax: 610-488-0420

## Adjustments for Truck #71 in All Saved Models

March 16, 2021

### Ford F-350 SD

On-Highway Light Duty Trucks

Size Class:

**300 HP & Over**

Weight:

**N/A**


### Configuration for F-350 SD

Axle Configuration	<b>4.0 X 2.0</b>	Cab Type	<b>Conventional</b>
Horsepower	<b>362.0 hp</b>	Power Mode	<b>Gasoline</b>
Ton Rating	<b>1.0</b>		

### 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	Hourly	Hourly
Published Rates	USD \$760.00	USD \$215.00	USD \$54.00	USD \$8.00	USD \$18.10	USD \$22.42
<b>Adjustments</b>						
Region ( Pennsylvania: 101.5%)	USD \$11.40	USD \$3.22	USD \$0.81	USD \$0.12		
Model Year (2019: 99.8%)	(USD \$1.54)	(USD \$0.44)	(USD \$0.11)	(USD \$0.02)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
<b>Total:</b>	<b>USD \$769.86</b>	<b>USD \$217.79</b>	<b>USD \$54.70</b>	<b>USD \$8.10</b>	<b>USD \$18.10</b>	<b>USD \$22.47</b>

### Non-Active Use Rates

Standby Rate	Hourly	USD \$2.19
Idling Rate		USD \$18.75

### Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	57%	USD \$433.20/mo
Overhaul (ownership)	29%	USD \$220.40/mo
CFC (ownership)	3%	USD \$22.80/mo
Indirect (ownership)	11%	USD \$83.60/mo
Fuel (operating) @ USD 2.09	79%	USD \$14.38/hr

Revised Date: 1st half 2021

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JOHN YODER II  
(john@wexconinc.com)

## Adjustments for JD 2017 35G Excavator in All Saved Models

March 16, 2021

### Deere 35G

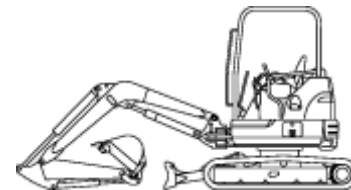
Crawler Mounted Compact Excavators

Size Class:

3.1 - 4.0 MTons

Weight:

N/A



### Configuration for 35G

Operating Weight  
Power Mode

8135.0 lbs  
Diesel

Operator Protection

ROPS/FOPS

### 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	USD \$2,045.00	USD \$575.00	USD \$145.00	USD \$22.00	USD \$8.72	USD \$20.34
<b>Adjustments</b>						
Region ( Pennsylvania: 101.6%)	USD \$32.72	USD \$9.20	USD \$2.32	USD \$0.35		
Model Year (2017: 99.8%)	(USD \$4.16)	(USD \$1.17)	(USD \$0.29)	(USD \$0.04)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
<b>Total:</b>	<b>USD \$2,073.56</b>	<b>USD \$583.03</b>	<b>USD \$147.03</b>	<b>USD \$22.31</b>	<b>USD \$8.72</b>	<b>USD \$20.50</b>

### Non-Active Use Rates

Standby Rate

Hourly

USD \$5.89

Idling Rate

USD \$13.93

### Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	47%	USD \$961.15/mo
Overhaul (ownership)	37%	USD \$756.65/mo
CFC (ownership)	4%	USD \$81.80/mo
Indirect (ownership)	12%	USD \$245.40/mo
Fuel (operating) @ USD 2.53	25%	USD \$2.15/hr

Revised Date: 1st half 2021

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