



STAFF REPORT

DATE: April 12, 2023
TO: Ty Lasher, City Manager
FROM: Anne Stephens, Public Works Director
RE: Woodlawn Project – Storm Sewer Adjustments

Proposal Focus:

Our Mission

-
- Attractive growth and safe living – Encourage attractive neighborhoods and new developments.

Our Values

-
- Working Together – Departments working together as one team. Staff working with residents, HOA's and neighborhoods. Citizens working with each other.

Current Situation:

During the installation of the Line 4 storm sewer pipe on the north side of Crestmark, Dondlinger discovered a conflict with the City's 18" water line pipe and an 8" water line pipe. After reviewing the situation and working with MKEC, MKEC was able to adjust the storm sewer to avoid the waterlines.

Goals:

- To grow the City in an attractive, safe manner that is consistent with City standards.

Discussion:

As noted above, as Dondlinger was installing the Line 4 storm sewer pipe on the north side of Crestmark, they discovered a conflict with both the City's existing 18" water line and an existing 8" water line. After thorough research by the project team and City staff, MKEC was able to come up with adjustments to the storm sewer pipe to avoid lowering the 18" water line or the 8" water line. This resolution is less expensive than the cost for lowering both the 18" and 8" water lines and will take less time to implement.

The cost for this change order is \$31,734.15.

Financials:

The additional cost associated with this Change Order will be included in the bonds and paid for out of the general fund. This Change Order will increase the total annual debt service payment by \$2,550.

A summary of costs for the Woodlawn project is provided below:

Original Contract (Bid) Price	\$8,571,662.01
-------------------------------	----------------

Change Order 1 (disincentive for temporary asphalt that did not meet specs)	(\$1.00)*
Change Order 2 (sanitary sewer line reconstruction)	\$27,038.00
Change Order 3 (working day adjustment for CO 2)	No change in cost
Change Order 4 (exploratory excavation for waterlines under UPRR (\$5,685.75) and water line lowering	\$59,655.75
Change Order 5 (quantity adjustment for steel and temporary traffic marking tape)	\$39,281.90
Change Order 6 (Shifting of Water Lines 2 & 3)	\$6,405.00
Change Order 7 (Rock Ditch Check & Odessa Water Line/RCB conflict)	\$8,872.50
Change Order 8 (Adding lights to stop sign at 45 th Street)	\$756.00
Change Order 9 (45 th Street "DO NOT TURN LEFT" sign)	\$367.50
Change Order 10 (Extra Work for Additional Cost for Elliptical Pipe)	\$1,412.25
Change Order 11 (Additional working days from 37 th Street water line conflict)	No Cost
Change Order 12 (Retaining Walls for Odessa)	\$38,556.00
Dondlinger Water Line Lowering	\$44,500.00**
Proposed Change Order 13 (Line 4 Storm Sewer Improvements)	\$31,734.15
Total Contract Cost with Proposed Change Order 11	\$8,830,240.06

* This quantity was previously shown as \$2,340.00, but Pearson made a change to their mix design that negates this disincentive and there have been no additional issues since the change to the mix design.

** This change order will not be included as part of the KDOT contract, but will be run through as a completely separate contract with Dondlinger for expediency.

Recommendation:

It is staff's recommendation for Council to approve Proposed Change Order 13 in the amount of \$31,734.15 for the Line 4 Storm Sewer Changes.



April 12, 2023

City of Bel Aire
7651 E. Central Park Ave.
Bel Aire, KS 67226

Attention: Anne Stephens, PE

Re: KDOT Project 87 N-0678-01
Bel-Aire / Woodlawn, 37th St. N. to 45th St. N.
SWS Line 4 Modifications Change Order Request

Anne,

Due to the 18" and 8" Existing Waterline conflicts on SWS Line 4, our Subcontractor is required to make modifications to the referenced SWS Line 4 per alternate sheets provided by the Design Engineer MKEC. Pearson Construction requests \$31,734.15 for this work.

The proposed cost for this change order is itemized below.

Subcontracted	\$30,223.00
OH&P @ 5%	\$1,511.15
Total	\$31,734.15

The undersigned hereby certifies, under the penalty of law for perjury or falsification, that I am authorized to submit this contract adjustment request on behalf of the Contractor and to bind the contractor, the contract adjustment request is made in good faith and, to the best of the Contractor's knowledge and belief, is a true and complete statement of the actual costs and time incurred for the Contract Change and is authorized by the Contract. I further certify that no additional claims will be submitted related to this contract adjustment request, and the Contractor has documentation that supports the contract adjustment request.

Respectfully Submitted,
PEARSON CONSTRUCTION, LLC

A handwritten signature in black ink, appearing to read 'Tyler Stevenson', with a long horizontal stroke extending to the right.

Tyler Stevenson
Project Manager



March 31, 2023

Pearson Construction
Attn: Tyler Stevenson
Project Manager

Ref: Woodlawn – 37th Street North to 45th Street South
PCO 221024-012 – Alternate SWS Improvements for SWS Line 4

Dear Tyler:

As requested, below is our estimated change order proposal for SWS line 4 alternate improvements to avoid lowering the existing 18" water line, provided by MKEC as illustrated on proposed sheets 18541-EP-02-SWS REV-Paving Plan [sheet 9] 18541_Prof-Profile (2-REV) [sheet 10].

Deduct:

Item #35: Storm Sewer (30") (RCP)	52 LF @ \$75.00/LF	=	\$ (3,900.00)
-----------------------------------	--------------------	---	---------------

Add:

Item #33: Storm Sewer (18") (RCP)	82 LF @ \$48.00/LF	=	\$ 3,936.00
Item #38: Storm Sewer (3.0 SF) (RCPHE)	52 LF @ \$94.00/LF	=	\$ 4,888.00
Item #58: Manhole (Reinforced Concrete)	1 EA @ \$3,250.00/SY	=	\$ 3,250.00
New Item: Storm Sewer (1.8 SF) (RCPHE)	38 LF @ \$83.00/LF	=	\$ 3,154.00
New Item: Extra Work	1 LS @ \$13,900.00/LS	=	\$ 13,900.00

TOTAL ADD	\$ 25,228.00
------------------	---------------------

Inclusions:

- SWS Line 4:
 - Deduct 52 LF of 30" RCP and Add 52 LF of 2.0 SF RCPHE.
 - Core/cut 6 EA new holes in already fabricated inlets (23A [1], 23 [2], 22 [2], and 21 [1])
 - Brick existing block outs 6 EA in already fabricated inlets (23A [1], 23 [2], 22 [2], and 21 [1])
 - Pour deeper inverts to raise flow lines in structures 23A, 23 & 22.
- SWS Line 4A:
 - Add 28 LF of 23"x14" (1.8 SF) RCPHE between structures 24 & 146.
 - Add 4' Diameter manhole (Structure 146) [Using existing manhole see attached submittal]
 - Add 82 LF of 18" RCP between structures 146 and 21.
 - Core/cut 6 EA new holes in already fabricated inlets (24 [2], 25 [1], 146 [2], and 21 [1])
 - Core/cut 6 EA new holes and brick existing block outs 3EA in already fabricated inlets (24 [1] and 25 [2])
 - Pour deeper inverts to raise flow lines in structures 24, & 25.

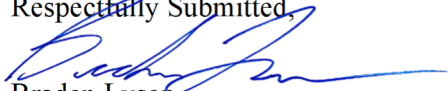
- All installation materials and hauling of the excess materials to other location on project.

Exclusion:

- Removal of flume, curb, and apron.
- Replacement of any concrete items associated with paving.
- Hauling excess materials off site.

If you have any questions, please feel free to email me at blysen@dondlingerconst.com or contact me at 316-945-0555.

Respectfully Submitted,



Braden Lysen

Dondlinger Construction



Dondlinger

CONSTRUCTION

April 5, 2023

Pearson Construction
Attn: Tyler Stevenson
Project Manager

Ref: Woodlawn – 37th Street North to 45th Street South
PCO 221024-013 – SWS Line 4; 8” Waterline Conflict Mitigation

Dear Tyler:

As requested, below is our estimated change order proposal for mitigating the 8” water line conflict on SWS line 4, with structure 23 and 25. This proposal adds 24” PVC between the structures in conflict which will allow us to move structures 25, 23 and 23A west of the existing waterline.

Add:

New Item: Storm Sewer (24”) (PVC)	1 LS @ \$4,995/LS	=	\$ 4,995.00
-----------------------------------	-------------------	---	-------------

TOTAL ADD	\$ 4,995.00
------------------	--------------------

Inclusions:

- 28 LF of SDR35 PVC pipe, installed in between structures 24 & 25 and 22 & 23.
- Move inlets 25, 23 and 23A west to avoid conflicted with the 8” waterline.
- Structures 23 and 25 will be at least 3 feet from the center of the existing waterline.
- All installation materials and hauling of the excess materials to other location on project.

Exclusion:

- Removal of flume, curb, and apron.
- Replacement of any concrete items associated with paving.
- Hauling excess materials off site.

If you have any questions, please feel free to email me at blysen@dondlingerconst.com or contact me at 316-945-0555.

Respectfully Submitted,

Braden Lysen
Dondlinger Construction

Dondlinger & Sons Construction Co., Inc.

Job Number: 221024

Kansas Department of Transportation
Cost Breakdown

Project No. 87 NB-0678-01 County: Sedgwick Date: 3/30/2023
 Contractor: Dondlinger & Sons Const. Co., Inc.
 Description: PCO 13 - 8" WL Conflict (SWS LINE 4)
 of Work

Materials:	Contractors			MATERIAL AMOUNT
	ITEM	UNIT	COST QUANTITY	
	24" SDR35 PVC Pipe	LF	\$115.36 28.00	\$3,230.08
	UD-1 Bedding	T	\$8.30 26.00	\$215.80
				\$0.00
	Fuel - Gas	Gal	\$3.00 0.00	\$0.00
	Tax @ 7.5%	LS	\$3,445.88 0.00	\$0.00
				\$0.00
Materials Total =				\$3,445.88

Labor:	CLASSIFICATION	NO.	RATE/HOUR	TOTAL HOURS	TOTAL EACH LABOR CLASS
	Foreman-Straight Time	1	\$34.89	2.00	\$69.78
	Operator	2	\$24.58	2.00	\$98.32
	Laborer	2	\$19.57	2.00	\$78.28
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Labor Total =					\$246.38

Equipment:	TYPE	NO.	COST/HOUR	TOTAL HOURS	TOTAL FOR EACH PIECE
	Foreman - Pickup Truck	1	\$16.51	2.00	\$33.02
	Excavator Large	1	\$190.91	2.00	\$381.82
	Loader	1	\$84.49	2.00	\$168.98
	Truck - 2 Ton	1	\$27.19	2.00	\$54.38
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Equipment Total =					\$638.20

Payroll Additives Cost		
Insurance	9.6% of Labor	\$23.65
Social Security (FICA) & Unemployment Taxes	13.65% of Labor	\$33.63
Workmens Compensation & General Liability	7.65% of Labor	\$18.85
Employee Fringe Benefits	6.50% of Labor	\$16.01
Retirement Benefits	8.00% of Labor	\$19.71
Payroll Additive Total =		\$111.86

Overhead & Profit for Labor @	20%	\$49.28
Overhead and Profit for Material @	15%	\$516.88
Overhead and Profit for Equipment @	0%	

Total Cost for Work Above		\$5,008.47
Total Cost for Subcontractors		\$0.00
Total Cost for Referenced Work		\$5,008.47

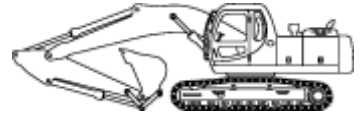
Contractors Signature

Project Manager

Title

Rental Rate Blue Book®

November 19, 2021

Caterpillar 336F (disc. 2019)
Crawler Mounted Hydraulic Excavators

Size Class:
33.1 - 40.0 MTons
Weight:
N/A
Configuration for 336F (disc. 2019)

Operating Weight **8400.0 lbs** Power Mode **Diesel**
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 \$19,095.00	USD \$5,345.00	USD \$1,335.00	USD \$200.00	USD \$86.32	USD \$194.81
Adjustments						
Region (Kansas: 96.4%)	(USD \$687.42)	(USD \$192.42)	(USD \$48.06)	(USD \$7.20)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$18,407.58	USD \$5,152.58	USD \$1,286.94	USD \$192.80	USD \$86.32	USD \$190.91

Non-Active Use Rates

	Hourly
Standby Rate	USD \$52.29
Idling Rate	USD \$126.32

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	USD \$6,874.20/mo
Overhaul (ownership)	53%	USD \$10,120.35/mo
CFC (ownership)	3%	USD \$572.85/mo
Indirect (ownership)	8%	USD \$1,527.60/mo
Fuel (operating) @ USD 3.37	25%	USD \$21.73/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Caterpillar 950 GC

4-Wd Articulated Wheel Loaders

Size Class:

225 - 249 HP

Weight:

N/A

Configuration for 950 GC

Bucket Capacity
Operator Protection

5.8 cu yd
ROPS/FOPS

Horsepower
Power Mode

202 hp
Diesel
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 \$8,930.00	USD \$2,500.00	USD \$625.00	USD \$94.00	USD \$35.43	USD \$86.17
Adjustments						
Region (Kansas: 96.7%)	(USD \$294.69)	(USD \$82.50)	(USD \$20.63)	(USD \$3.10)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$8,635.31	USD \$2,417.50	USD \$604.38	USD \$90.90	USD \$35.43	USD \$84.49

Non-Active Use Rates

Standby Rate

Hourly

USD \$24.53

Idling Rate

USD \$61.09

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$3,929.20/mo
Overhaul (ownership)	41%	USD \$3,661.30/mo
CFC (ownership)	3%	USD \$267.90/mo
Indirect (ownership)	12%	USD \$1,071.60/mo
Fuel (operating) @ USD 3.37	34%	USD \$12.03/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Ford F-250

On-Highway Light Duty Trucks

Size Class:

300 HP & Over

Weight:

N/A

Configuration for F-250

Axle Configuration	4.0 X 4.0	Cab Type	Conventional
Horsepower	137.0 hp	Power Mode	Gasoline
Ton Rating	3.0 / 4.0		

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	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$850.00	USD \$240.00	USD \$60.00	USD \$9.00	USD \$11.78	USD \$16.61
Adjustments						
Region (Kansas: 98%)	(USD \$17.00)	(USD \$4.80)	(USD \$1.20)	(USD \$0.18)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$833.00	USD \$235.20	USD \$58.80	USD \$8.82	USD \$11.78	USD \$16.51

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.37
Idling Rate	USD \$13.20

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	57%	USD \$484.50/mo
Overhaul (ownership)	29%	USD \$246.50/mo
CFC (ownership)	2%	USD \$17.00/mo
Indirect (ownership)	12%	USD \$102.00/mo
Fuel (operating) @ USD 3.26	72%	USD \$8.47/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER (mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Miscellaneous 4X2 20KGVW DSL

On-Highway Flatbed Trucks

Size Class:

19,501 - 26,000 GVW

Weight:

6828 lbs

Configuration for 4X2 20KGVW DSL

Axle Configuration	4X2	Horsepower	200.0
Maximum Gross Vehicle Weight	20000.0 lbs	Power Mode	Diesel

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 \$1,350.00	USD \$380.00	USD \$95.00	USD \$14.00	USD \$19.52	USD \$27.19
Adjustments						
Region (Kansas: 97.5%)	(USD \$33.75)	(USD \$9.50)	(USD \$2.38)	(USD \$0.35)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$1,316.25	USD \$370.50	USD \$92.63	USD \$13.65	USD \$19.52	USD \$27.00

Non-Active Use Rates

Standby Rate	Hourly	USD \$3.74
Idling Rate		USD \$20.70

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	USD \$688.50/mo
Overhaul (ownership)	34%	USD \$459.00/mo
CFC (ownership)	2%	USD \$27.00/mo
Indirect (ownership)	13%	USD \$175.50/mo
Fuel (operating) @ USD 3.37	68%	USD \$13.22/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)



221 W. 37th St. N
Wichita, KS 67204

Phone : 316-838-8651
Fax : 316-838-0838

Open

1/20/2023

Design Build Height

Top of Casting + 1219.20'
Outlet Invert - 1214.59'
Design Height = 4.61'

Contractor: Apex Excavating, LLC
Job Name: PH 1 Main "A" Mulvane Sanitary Sewer Improvements
Job Number: 22-0726 **Structure:** SS MH 1.09
Station: 20+49.65 Line 1
Specification: 60" Manhole Sanitary
Take-off by: ahuskey **Revision:** NA

Openings

Pipe ID	X Dim	Flow Line	Pipe Size	Hole Width	Hole Height	Connector	Angle (Deg.)
(1)	14	1214.59	24 PVC SDR35	31	31	A-lok X-Cel Gasket, 24.75" Nom OD (XC-800)	0
(2)	16	1214.64	24 PVC SDR35	31	31	A-lok X-Cel Gasket, 24.75" Nom OD (XC-800)	180

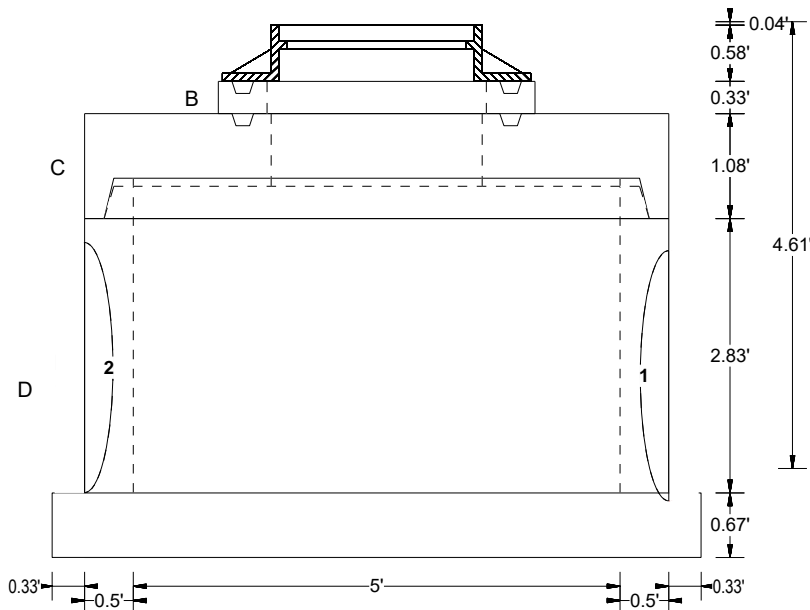
BOM of Structure

Ref	Description	Qty	Weight
A	Deeter 1275-M Ring (1275-0201)	1	217
B	27" ID Manhole Adj. Ring, 4" Tall, w/Groove	1	176
C	60" RC Flat Top, 13" Tall (Bell Down Conc)	1	2,800
D	60" ID MH w/ 8" Mono Base, 4" Ext. x 34"	1	6,331
	Deeter 1275 Cover, Mulvane Sewer	1	121
	A-lok X-Cel Gasket, 24.75" Nom OD (XC-800)	2	
	Coating, Bituminous Black, Exterior	79.337	
	Total Structure		9,645

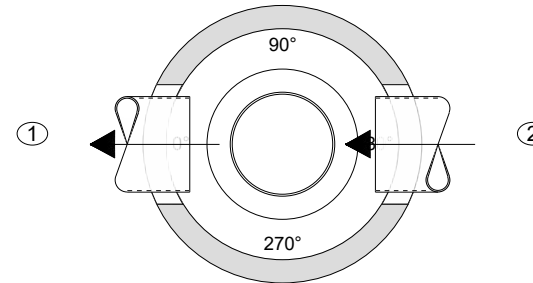
Stack Build Height

Ring and Cover + 0.58'
Adjustment + 0.04'
Top/Cone/Adj Ring + 1.42'
Risers + 0.00'
Base Gains + 2.83'
Invert - 0.25'
Design Height = 4.61'
Invert + 0.25'
Stock Floor + 0.67'
Outside Height = 5.53'

Elevation



Plan View



Structure Notes:

Please hold back interior grey epoxy coating.

Specifications:

Coating, Bituminous Black, Exterior

Dondlinger & Sons Construction Co., Inc.

Job Number: 221024

Kansas Department of Transportation
Cost Breakdown

Project No. 87 NB-0678-01 County: Sedgwick Date: 3/31/2023
 Contractor: Dondlinger & Sons Const. Co., Inc.
 Description: PCO 12 - Storm Sewer (2.0 SF) (14"x23") RCPHE
 of Work

Materials:	Contractors			
ITEM	UNIT	COST	QUANTITY	MATERIAL AMOUNT
14"x23" RC Pipe Class III	LF	\$32.37	38.00	\$1,230.06
Joint Masitc	EA	\$70.00	1.00	\$70.00
Plast Plugs	EA	\$1.83	6.00	\$10.98
Delivery Charge	EA	\$253.00	0.00	\$0.00
UD-1 Bedding	T	\$8.30	10.00	\$83.00
				\$0.00
Fuel - Gas	Gal	\$3.00	0.00	\$0.00
Tax @ 7.5%	LS	\$1,311.04	0.00	\$0.00
				\$0.00
Materials Total =				\$1,394.04

Labor:	Contractors			
CLASSIFICATION	NO.	RATE/HOUR	TOTAL HOURS	TOTAL EACH LABOR CLASS
Foreman-Straight Time	1	\$34.89	3.00	\$104.67
Operator	2	\$24.58	3.00	\$147.48
Laborer	2	\$19.57	3.00	\$117.42
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Labor Total =				\$369.57

Equipment:	Contractors			
TYPE	NO.	COST/HOUR	TOTAL HOURS	TOTAL FOR EACH PIECE
Foreman - Pickup Truck	1	\$16.51	3.00	\$49.53
Excavator Large	1	\$190.91	3.00	\$572.73
Loader	1	\$84.49	3.00	\$253.47
Truck - 2 Ton	1	\$27.19	3.00	\$81.57
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Equipment Total =				\$957.30

Payroll Additives Cost		
Insurance	9.6% of Labor	\$35.48
Social Security (FICA) & Unemployment Taxes	13.65% of Labor	\$50.45
Workmens Compensation & General Liability	7.65% of Labor	\$28.27
Employee Fringe Benefits	6.50% of Labor	\$24.02
Retirement Benefits	8.00% of Labor	\$29.57
Payroll Additive Total =		\$167.78

Overhead & Profit for Labor @	20%	\$73.91
Overhead and Profit for Material @	15%	\$209.11
Overhead and Profit for Equipment @	0%	

Total Cost for Work Above		\$3,171.71
Total Cost for Subcontractors		\$0.00
Total Cost for Referenced Work		\$3,171.71

Contractors Signature

Project Manager

Title

Dondlinger & Sons Construction Co., Inc.

Job Number: 221024

Kansas Department of Transportation
Cost Breakdown

Project No. 87 NB-0678-01 County: Sedgwick Date: 3/31/2023
 Contractor: Dondlinger & Sons Const. Co., Inc.
 Description: PCO 12 - Extra Work - Cutting & Bricking Manhole, and increased inverts
 of Work

Materials:	Contractors			
ITEM	UNIT	COST	QUANTITY	MATERIAL AMOUNT
Brick (78 Brick/EA)	LF	\$0.85	702.00	\$596.70
Mortar	T	\$20.00	10.00	\$200.00
Sand	T	\$10.00	2.00	\$20.00
Invert Materials				
4.0 AE MIX	CY	\$101.00	10.50	\$1,060.50
Winter Service Fees	CY	\$5.00	0.00	\$0.00
Fuel Surcharge	EA	\$2.00	3.50	\$7.00
Short Load Fees	EA	\$2.00	100.00	\$200.00
				\$0.00
				\$0.00
Fuel - Gas	Gal	\$3.00	0.00	\$0.00
Tax @ 7.5%	LS	\$816.70	0.00	\$0.00
				\$0.00
Materials Total =				\$2,084.20

Labor:				
CLASSIFICATION	NO.	RATE/HOUR	TOTAL HOURS	TOTAL EACH LABOR CLASS
Foreman-Straight Time	1	\$34.89	22.00	\$767.58
Operator	2	\$24.58	22.00	\$1,081.52
Laborer	2	\$19.57	22.00	\$861.08
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Labor Total =				\$2,710.18

Equipment:				
TYPE	NO.	COST/HOUR	TOTAL HOURS	TOTAL FOR EACH PIECE
Foreman - Pickup Truck	1	\$16.51	22.00	\$363.22
Excavator Large	1	\$190.91	22.00	\$4,200.02
Loader	1	\$84.49	22.00	\$1,858.78
Truck - 2 Ton	1	\$27.19	22.00	\$598.18
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Equipment Total =				\$7,020.20

Payroll Additives Cost		
Insurance	9.6% of Labor	\$260.18
Social Security (FICA) & Unemployment Taxes	13.65% of Labor	\$369.94
Workmens Compensation & General Liability	7.65% of Labor	\$207.33
Employee Fringe Benefits	6.50% of Labor	\$176.16
Retirement Benefits	8.00% of Labor	\$216.81
Payroll Additive Total =		\$1,230.42

Overhead & Profit for Labor @	20%	\$542.04
Overhead and Profit for Material @	15%	\$312.63
Overhead and Profit for Equipment @	0%	

Total Cost for Work Above		\$13,899.67
Total Cost for Subcontractors		\$0.00
Total Cost for Referenced Work		\$13,899.67

Contractors Signature

Project Manager

Title

Rental Rate Blue Book®

November 19, 2021

Caterpillar 336F (disc. 2019)
Crawler Mounted Hydraulic Excavators

Size Class:
33.1 - 40.0 MTons
Weight:
N/A
Configuration for 336F (disc. 2019)

Operating Weight **8400.0 lbs** Power Mode **Diesel**
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 \$19,095.00	USD \$5,345.00	USD \$1,335.00	USD \$200.00	USD \$86.32	USD \$194.81
Adjustments						
Region (Kansas: 96.4%)	(USD \$687.42)	(USD \$192.42)	(USD \$48.06)	(USD \$7.20)		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$18,407.58	USD \$5,152.58	USD \$1,286.94	USD \$192.80	USD \$86.32	USD \$190.91

Non-Active Use Rates

	Hourly
Standby Rate	USD \$52.29
Idling Rate	USD \$126.32

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	USD \$6,874.20/mo
Overhaul (ownership)	53%	USD \$10,120.35/mo
CFC (ownership)	3%	USD \$572.85/mo
Indirect (ownership)	8%	USD \$1,527.60/mo
Fuel (operating) @ USD 3.37	25%	USD \$21.73/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Caterpillar 950 GC

4-Wd Articulated Wheel Loaders

Size Class:

225 - 249 HP

Weight:

N/A

Configuration for 950 GC

Bucket Capacity
Operator Protection

5.8 cu yd
ROPS/FOPS

Horsepower
Power Mode

202 hp
Diesel
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 \$8,930.00	USD \$2,500.00	USD \$625.00	USD \$94.00	USD \$35.43	USD \$86.17
Adjustments						
Region (Kansas: 96.7%)	(USD \$294.69)	(USD \$82.50)	(USD \$20.63)	(USD \$3.10)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$8,635.31	USD \$2,417.50	USD \$604.38	USD \$90.90	USD \$35.43	USD \$84.49

Non-Active Use Rates

Standby Rate

Hourly

USD \$24.53

Idling Rate

USD \$61.09

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$3,929.20/mo
Overhaul (ownership)	41%	USD \$3,661.30/mo
CFC (ownership)	3%	USD \$267.90/mo
Indirect (ownership)	12%	USD \$1,071.60/mo
Fuel (operating) @ USD 3.37	34%	USD \$12.03/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Ford F-250

On-Highway Light Duty Trucks

Size Class:

300 HP & Over

Weight:

N/A


Configuration for F-250

Axle Configuration	4.0 X 4.0	Cab Type	Conventional
Horsepower	137.0 hp	Power Mode	Gasoline
Ton Rating	3.0 / 4.0		

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	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$850.00	USD \$240.00	USD \$60.00	USD \$9.00	USD \$11.78	USD \$16.61
Adjustments						
Region (Kansas: 98%)	(USD \$17.00)	(USD \$4.80)	(USD \$1.20)	(USD \$0.18)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$833.00	USD \$235.20	USD \$58.80	USD \$8.82	USD \$11.78	USD \$16.51

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.37
Idling Rate	USD \$13.20

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	57%	USD \$484.50/mo
Overhaul (ownership)	29%	USD \$246.50/mo
CFC (ownership)	2%	USD \$17.00/mo
Indirect (ownership)	12%	USD \$102.00/mo
Fuel (operating) @ USD 3.26	72%	USD \$8.47/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)

Rental Rate Blue Book®

November 19, 2021

Miscellaneous 4X2 20KGVW DSL

On-Highway Flatbed Trucks

Size Class:

19,501 - 26,000 GVW

Weight:

6828 lbs

Configuration for 4X2 20KGVW DSL

Axle Configuration	4X2	Horsepower	200.0
Maximum Gross Vehicle Weight	20000.0 lbs	Power Mode	Diesel

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 \$1,350.00	USD \$380.00	USD \$95.00	USD \$14.00	USD \$19.52	USD \$27.19
Adjustments						
Region (Kansas: 97.5%)	(USD \$33.75)	(USD \$9.50)	(USD \$2.38)	(USD \$0.35)		
Model Year (2021: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$1,316.25	USD \$370.50	USD \$92.63	USD \$13.65	USD \$19.52	USD \$27.00

Non-Active Use Rates

	Hourly
Standby Rate	USD \$3.74
Idling Rate	USD \$20.70

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	USD \$688.50/mo
Overhaul (ownership)	34%	USD \$459.00/mo
CFC (ownership)	2%	USD \$27.00/mo
Indirect (ownership)	13%	USD \$175.50/mo
Fuel (operating) @ USD 3.37	68%	USD \$13.22/hr

Revised Date: 4th quarter 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 RAYMOND DONDLINGER
(mlorenz@dondlingerconst.com)