

Oklahoma Department of Transportation

Change Order

Contract ID	220207	Primary County	TULSA	Primary PCN	26308(04)
Change Order Nbr	005	Project	STP-172N(455)IG		
Contract Description		GRADE, DRAIN, SURFACE, AND BRIDGE CITY STREET (23RD STREET): FROM HOUSTON STREET, EXTEND NORTH IN THE CITY OF BROKEN ARROW. PROJECT LENGTH = 1.064 MILES			
Change Order Type		CHANGE ORDER			
Zero Dollar Change Order		NO	Status	Draft	

General Change Order Description(s): This Change Order is required to compensate the contractor for additional work related to guardrail installation and the removal of a median street light on SH-51. This also corrects the quantities for the rebar on the Bridge A Approach Slabs and compensates the contractor for a change in plans to the sidewalk along 23rd St.

Prj Nbr	Itm Nbr	Catg	Item Code	Unit	Unit Price	Bid Qty	Prev. Apprvd Qty	Curr CO Qty	New Revised Qty	Amount of Change
26308(04)	0650	0200	511(B)2310	LB	\$1.67	380,739.00	380,739.00	29,016.00	409,755.00	
			Item Description:		EPOXY COATED REINFORCING STEEL				This Change:	\$48,456.72
			Supplemental Description 1:						Prev Revised:	\$635,834.13
			Supplemental Description 2:						New Revised:	\$684,290.85
									Bid Contract:	\$635,834.13
									Net Change:	\$48,456.72
									PCT Change:	7.62 %
			Explanations:		This item overrun is required to compensate the contractor for the additional Epoxy Rebar required to build the Approach Slabs on Bridge A. The plan quantities for this item were incorrectly calculated and needed to be corrected to include #9 rebar instead of #4 rebar as described in the rebar summary. The details and calculations can be found attached to this Change Order.					
26308(04)	1060	0301	802(B)0324	LF	\$32.15	70.00	70.00	150.00	220.00	
			Item Description:		2" PVC SCH.40 PLASTIC CONDUIT TRENCHED				This Change:	\$4,822.50
			Supplemental Description 1:						Prev Revised:	\$2,250.50
			Supplemental Description 2:						New Revised:	\$7,073.00
									Bid Contract:	\$2,250.50
									Net Change:	\$4,822.50
									PCT Change:	214.28 %
			Explanations:		This item overrun is required to compensate the contractor for the additional work associated with the median street light removal on SH-51. The street light was removed because it interfered with the Bridge A construction. Instead of resetting the street light at a different location, the City of Broken Arrow requested that the street light be removed entirely. This pay item is required to reconnect power to the adjacent street light since the previous street light removal broke the circuit.					
26308(04)	8010	0100	648(E)6610	LS	\$7,985.54	0.00	0.00	1.00	1.00	
			Item Description:		(PL) PEDESTRIAN PLATFORM				This Change:	\$7,985.54
			Supplemental Description 1:						Prev Revised:	\$0.00
			Supplemental Description 2:						New Revised:	\$7,985.54
									Bid Contract:	\$0.00
									Net Change:	\$7,985.54
									PCT Change:	100.00 %
			Explanations:		This item is required to compensate the contractor for the installation of a Pedestrian Platform to be placed within the pathway of the sidewalk on the west side of 23rd St. This change in plan was developed by the City of Broken Arrow due to a design error that restricted the					

Prj Nbr	Itm Nbr	Catg	Item Code	Unit	Unit Price	Bid Qty	Prev. Apprvd Qty	Curr CO Qty	New Revised Qty	Amount of Change
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drainage of Structures 54 & 56. The Pedestrian Platform will span over the newly designed flume and will be installed according to the details attached to this Change Order.

26308(04)	8012	0300	803(A)1200	EA	\$2,161.50	0.00	0.00	1.00	1.00	
	Item Description:	PULL BOX							This Change:	\$2,161.50
	Supplemental Description 1:								Prev Revised:	\$0.00
	Supplemental Description 2:								New Revised:	\$2,161.50
									Bid Contract:	\$0.00
									Net Change:	\$2,161.50
									PCT Change:	100.00 %
	Explanations:	This item is required to compensate the contractor for the additional work associated with the median street light removal on SH-51. The street light was removed because it interfered with the Bridge A construction. Instead of resetting the street light at a different location, the City of Broken Arrow requested that the street light be removed entirely. This pay item is required to reconnect power to the adjacent street light since the previous street light removal broke the circuit.								

26308(04)	8021	0300	623(A)1200	LF	\$34.54	0.00	0.00	675.00	675.00	
	Item Description:		BEAM GUARDRAIL W-BEAM SINGLE						This Change:	\$23,314.50
	Supplemental Description 1:								Prev Revised:	\$0.00
	Supplemental Description 2:								New Revised:	\$23,314.50
									Bid Contract:	\$0.00
									Net Change:	\$23,314.50
									PCT Change:	100.00 %
	Explanations:		This item is required to compensate the contractor for the installation of guardrail along SH-51. The existing guardrail interferes with the Bridge A construction and needs to be removed and replaced. This proposed unit price for this pay item matches the historic average for this pay item. Additional details of the location and quantities can be found attached to this Change Order.							

26308(04)	8027	0300	619(B)6396	LF	\$5.16	0.00	0.00	500.00	500.00	
	Item Description:		REMOVAL OF GUARDRAIL						This Change:	\$2,580.00
	Supplemental Description 1:								Prev Revised:	\$0.00
	Supplemental Description 2:								New Revised:	\$2,580.00
									Bid Contract:	\$0.00
									Net Change:	\$2,580.00
									PCT Change:	100.00 %
	Explanations:		This item is required to compensate the contractor for the installation of guardrail along SH-51. The existing guardrail interferes with the Bridge A construction and needs to be removed and replaced. This proposed unit price for this pay item matches the historic average for this pay item. Additional details of the location and quantities can be found attached to this Change Order.							

26308(04)	8028	0300	623(F)1712	EA	\$2,106.51	0.00	0.00	2.00	2.00		
			Item Description:		GUARDRAIL ANCHOR UNIT (TYPE B)					This Change:	\$4,213.02
			Supplemental Description 1:							Prev Revised:	\$0.00
			Supplemental Description 2:							New Revised:	\$4,213.02
										Bid Contract:	\$0.00
										Net Change:	\$4,213.02
										PCT Change:	100.00 %

Prj Nbr	Itm Nbr	Catg	Item Code	Unit	Unit Price	Bid Qty	Prev. Apprvd Qty	Curr CO Qty	New Revised Qty	Amount of Change
Explanations:			This item is required to compensate the contractor for the installation of guardrail along SH-51. The existing guardrail interferes with the Bridge A construction and needs to be removed and replaced. This proposed unit price for this pay item matches the historic average for this pay item. Additional details of the location and quantities can be found attached to this Change Order.							
26308(04)	8029	0300	623(G)1820	EA	\$3,942.82	0.00	0.00	2.00	2.00	
Item Description:			GUARDRAIL END TREATMENT (31")							This Change: \$7,885.64
Supplemental Description 1:										Prev Revised: \$0.00
Supplemental Description 2:										New Revised: \$7,885.64
										Bid Contract: \$0.00
										Net Change: \$7,885.64
										PCT Change: 100.00 %
Explanations:			This item is required to compensate the contractor for the installation of guardrail along SH-51. The existing guardrail interferes with the Bridge A construction and needs to be removed and replaced. This proposed unit price for this pay item matches the historic average for this pay item. Additional details of the location and quantities can be found attached to this Change Order.							
26308(04)	8033	0300	802(B)0320	LF	\$69.85	0.00	0.00	70.00	70.00	
Item Description:			2" PVC SCH.40 PLASTIC CONDUIT BORED							This Change: \$4,889.50
Supplemental Description 1:										Prev Revised: \$0.00
Supplemental Description 2:										New Revised: \$4,889.50
										Bid Contract: \$0.00
										Net Change: \$4,889.50
										PCT Change: 100.00 %
Explanations:			This item is required to compensate the contractor for the additional work associated with the median street light removal on SH-51. The street light was removed because it interfered with the Bridge A construction. Instead of resetting the street light at a different location, the City of Broken Arrow requested that the street light be removed entirely. This pay item is required to reconnect power to the adjacent street light since the previous street light removal broke the circuit.							
26308(04)	8034	0300	811 9115	LF	\$1.65	0.00	0.00	1,500.00	1,500.00	
Item Description:			1/C NO.4 ELECT.COND.							This Change: \$2,475.00
Supplemental Description 1:										Prev Revised: \$0.00
Supplemental Description 2:										New Revised: \$2,475.00
										Bid Contract: \$0.00
										Net Change: \$2,475.00
										PCT Change: 100.00 %
Explanations:			This item is required to compensate the contractor for the additional work associated with the median street light removal on SH-51. The street light was removed because it interfered with the Bridge A construction. Instead of resetting the street light at a different location, the City of Broken Arrow requested that the street light be removed entirely. This pay item is required to reconnect power to the adjacent street light since the previous street light removal broke the circuit.							

TOTAL VALUE FOR CHANGE ORDER 005 : \$108,783.92

Contract Time Adjustments

No contract time adjustments are associated with this change order.

Contract Time Adjustments

Contract ID	220207	Primary County	TULSA	Primary PCN	26308(04)
Change Order Nbr	005	Project	STP-172N(455)IG		

Prime Contractor's Section

As the duly authorized representative of SHERWOOD CONSTRUCTION CO., INC., contractor for the above referenced project, I affirm that I have reviewed the above and foregoing prices, quantities and days for the changed or additional work, and I agree that the quantities and prices as are herein listed and the extension of time to perform the change or additional work as shown above will adequately compensate the contractor for the changed or additional work. I understand that the quantities as listed above are estimated and may be subject to revision upon audit of the project. I further understand that the change order/supplemental agreement fully compensates the contractor for the changed or additional work and is in lieu of cost accounting for the work actually performed or submission of a claim as provided by the standard specifications for highway construction and special provisions to the contract.


Signature

Chris D. Kinnamon

Name(Printed)

Vice-President

Company Title

Subscribed and sworn before me this 29th day of February year of 2024

My commission expires

1/24/2026


Notary Public

22001063

Commission Number



Oklahoma Department of Transportation Section

The prices for the additional items have been compared with other contract prices and are a fair amount for the work involved.
Respectfully requested by:

P.E. Seal

Department Personnel

Approval Date

Signature

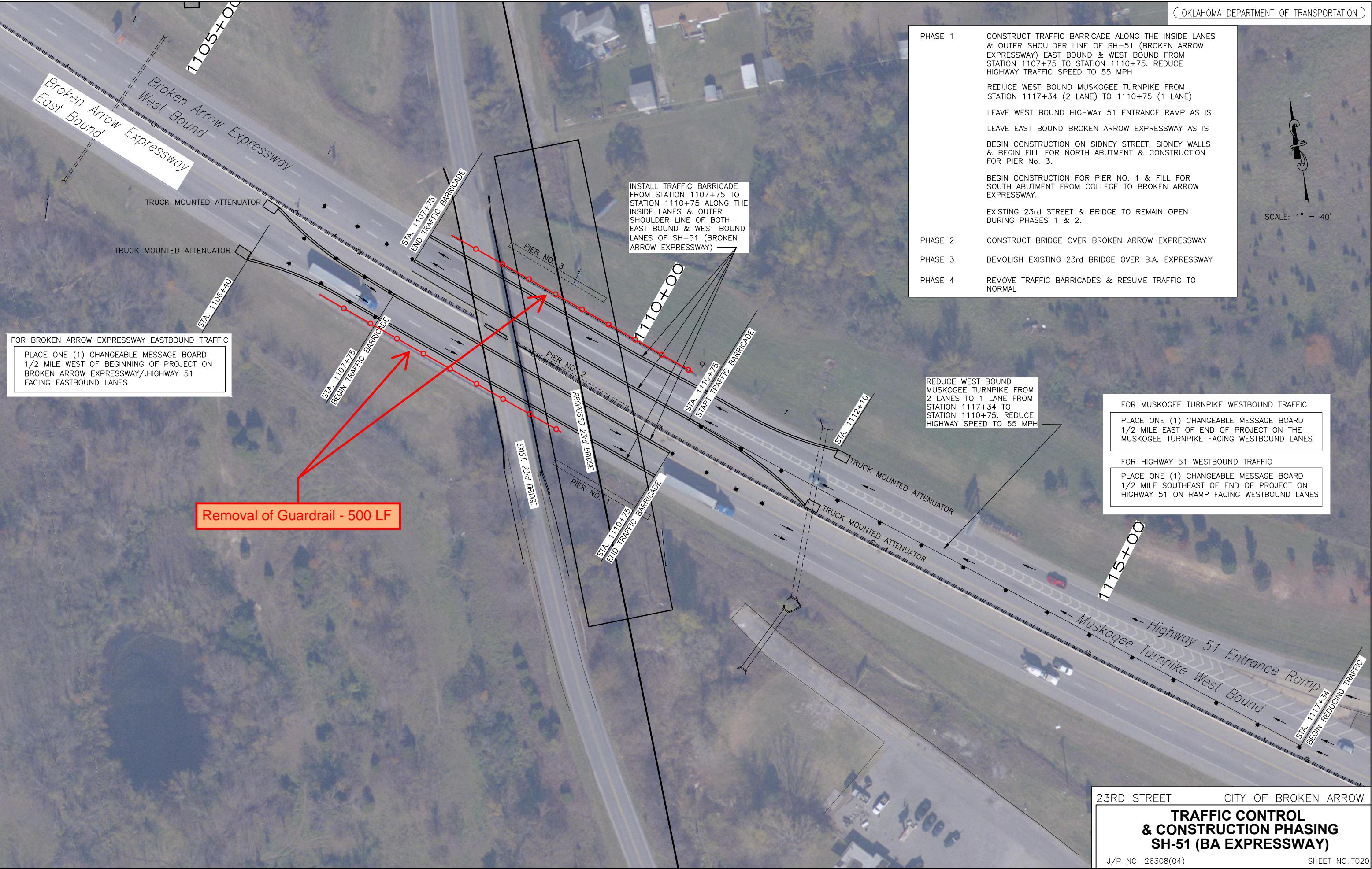
Contract ID	220207	Primary County	TULSA	Primary PCN	26308(04)
Change Order Nbr	005	Project	STP-172N(455)IG		

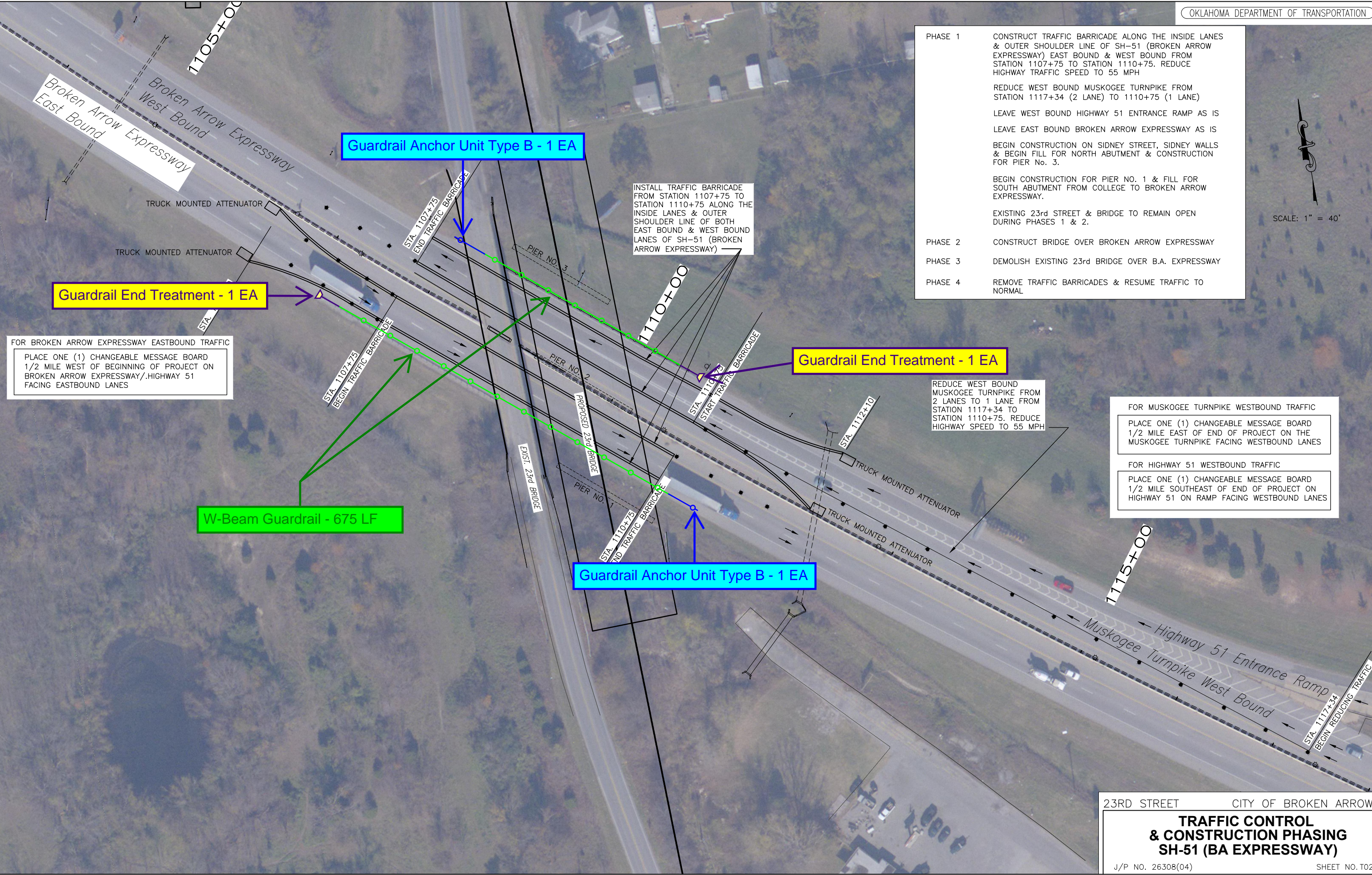
Local Government Section

I acknowledge the work indicated on this Change Order. I understand the final costs of this work will be reflected in the final cost apportionment.

City/County Official

Date Acknowledged





- PHASE 1
- CONSTRUCT TRAFFIC BARRICADE ALONG THE INSIDE LANES & OUTER SHOULDER LINE OF SH-51 (BROKEN ARROW EXPRESSWAY) EAST BOUND & WEST BOUND FROM STATION 1107+75 TO STATION 1110+75. REDUCE HIGHWAY TRAFFIC SPEED TO 55 MPH
 - REDUCE WEST BOUND MUSKOGEE TURNPIKE FROM STATION 1117+34 (2 LANE) TO 1110+75 (1 LANE)
 - LEAVE WEST BOUND HIGHWAY 51 ENTRANCE RAMP AS IS
 - LEAVE EAST BOUND BROKEN ARROW EXPRESSWAY AS IS
 - BEGIN CONSTRUCTION ON SIDNEY STREET, SIDNEY WALLS & BEGIN FILL FOR NORTH ABUTMENT & CONSTRUCTION FOR PIER No. 3.
 - BEGIN CONSTRUCTION FOR PIER NO. 1 & FILL FOR SOUTH ABUTMENT FROM COLLEGE TO BROKEN ARROW EXPRESSWAY.
 - EXISTING 23rd STREET & BRIDGE TO REMAIN OPEN DURING PHASES 1 & 2.
- PHASE 2
- CONSTRUCT BRIDGE OVER BROKEN ARROW EXPRESSWAY
- PHASE 3
- DEMOLISH EXISTING 23rd BRIDGE OVER B.A. EXPRESSWAY
- PHASE 4
- REMOVE TRAFFIC BARRICADES & RESUME TRAFFIC TO NORMAL

FOR BROKEN ARROW EXPRESSWAY EASTBOUND TRAFFIC

PLACE ONE (1) CHANGEABLE MESSAGE BOARD 1/2 MILE WEST OF BEGINNING OF PROJECT ON BROKEN ARROW EXPRESSWAY/.HIGHWAY 51 FACING EASTBOUND LANES

FOR MUSKOGEE TURNPIKE WESTBOUND TRAFFIC

PLACE ONE (1) CHANGEABLE MESSAGE BOARD 1/2 MILE EAST OF END OF PROJECT ON THE MUSKOGEE TURNPIKE FACING WESTBOUND LANES

FOR HIGHWAY 51 WESTBOUND TRAFFIC

PLACE ONE (1) CHANGEABLE MESSAGE BOARD 1/2 MILE SOUTHEAST OF END OF PROJECT ON HIGHWAY 51 ON RAMP FACING WESTBOUND LANES

Bobby Williams

From: Chris Kinnamon <Chris.Kinnamon@sherwood.net>
Sent: Saturday, January 6, 2024 7:32 AM
To: Bobby Williams
Cc: Jeremiah Karr; Todd Enlow; Dylan Ingram; Chris Vincent
Subject: RE: (455)IG - SH-514 Guardrail

Follow Up Flag: Follow up
Flag Status: Completed

Bobby,

Per our discussions, we will be removing and replacing the westbound guardrail in addition to the eastbound previously discussed in order to bring the rail to the current standards. Along with the previously submitted prices, we are requesting the addition of pay item:

Guardrail End Treatment (31") 1 EA @ \$3,942.82 / EA.

The requested unit price is the ODOT average awarded price.

-Chris
918-345-0113

From: Chris Kinnamon <Chris.Kinnamon@sherwood.net>
Sent: Wednesday, December 13, 2023 4:51 PM
To: Bobby Williams <BWilliams@Benchmarkokc.com>
Cc: Jeremiah Karr <Jeremiah.Karr@sherwood.net>; Todd Enlow <todd.enlow@sherwood.net>; Dylan Ingram <Dylan.Ingram@sherwood.net>; Chris Vincent <cvincent@Benchmarkokc.com>
Subject: Re: (455)IG - SH-514 Guardrail

That is correct.

-Chris Kinnamon
918-345-0113

From: Bobby Williams <BWilliams@Benchmarkokc.com>
Sent: Wednesday, December 13, 2023 4:18:53 PM
To: Chris Kinnamon <Chris.Kinnamon@sherwood.net>
Cc: Jeremiah Karr <Jeremiah.Karr@sherwood.net>; Todd Enlow <todd.enlow@sherwood.net>; Dylan Ingram <Dylan.Ingram@sherwood.net>; Chris Vincent <cvincent@Benchmarkokc.com>
Subject: RE: (455)IG - SH-514 Guardrail

This Message originated outside your organization.

Chris,

I just looked on Google Earth to see exactly what the existing guardrail looks like.

Just so I'm clear, the plan is to leave the WB guardrail in place and extend the EB guardrail beyond Pier #1. Is that right?

--

Bobby Williams, P.E.

Principal Engineer

Mobile: 405-226-4121

Website: www.benchmarkokc.com

Address: 3430 MacDonnell Dr., Norman, OK 73069



From: Chris Kinnamon <Chris.Kinnamon@sherwood.net>

Sent: Tuesday, December 12, 2023 4:57 PM

To: Bobby Williams <BWilliams@Benchmarkokc.com>

Cc: Jeremiah Karr <Jeremiah.Karr@sherwood.net>; Todd Enlow <todd.enlow@sherwood.net>; Dylan Ingram <Dylan.Ingram@sherwood.net>; Chris Vincent <cvincent@Benchmarkokc.com>

Subject: (455)IG - SH-514 Guardrail

Bobby,

For the added work of the guardrail along SH-51 to protect the pier, we propose utilizing the ODOT average awarded price for below items:

W-Beam Single Guardrail	175 LF	@	\$ 34.54	\$ 6,044.50
Guardrail Removal	25 LF	@	\$ 5.16	\$ 129.00
Guardrail Anchor Unit Type B	1 EA	@	\$2,106.51	\$ 2,106.51

Total \$ 8,280.01

Please review and let us know if you have any questions.

Chris Kinnamon *Vice President*



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OKC Office 1120 E Reno Ave. OKC, OK 73117

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www.sherwoodcompanies.com



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Weighted Average Item Price Report
By Item, Region, and Quarter

Item	District	Quarter	Number of Occur's	Total Quantity	Total Dollars	Avg Awarded Price	Avg of Low 3 Bidders
619(B)6396 / REMOVAL OF GUARDRAIL / LF							
01		2022Q3	4	3,575.00	\$ 27,295.82	\$ 7.64	\$ 6.05
		2022Q4	1	350.00	\$ 2,100.00	\$ 6.00	\$ 4.29
		2023Q2	1	866.00	\$ 6,451.70	\$ 7.45	\$ 7.62
		2023Q3	3	2,445.50	\$ 16,399.50	\$ 6.71	\$ 6.02
02		2022Q3	2	1,060.00	\$ 10,183.00	\$ 9.61	\$ 8.23
		2022Q4	2	4,648.00	\$ 8,674.40	\$ 1.87	\$ 2.54
		2023Q1	2	1,000.00	\$ 3,089.00	\$ 3.09	\$ 3.56
		2023Q2	2	1,629.00	\$ 18,961.55	\$ 11.64	\$ 9.26
		2023Q3	2	827.00	\$ 7,746.50	\$ 9.37	\$ 6.66
		2023Q4	1	659.00	\$ 3,295.00	\$ 5.00	\$ 5.33
03		2022Q3	3	3,975.20	\$ 28,588.68	\$ 7.19	\$ 5.44
		2022Q4	2	2,413.00	\$ 10,253.30	\$ 4.25	\$ 5.28
		2023Q1	2	2,605.00	\$ 7,728.15	\$ 2.97	\$ 5.01
		2023Q2	2	1,033.00	\$ 10,447.80	\$ 10.11	\$ 9.70
		2023Q3	4	4,159.00	\$ 37,566.10	\$ 9.03	\$ 8.31
		2023Q4	1	23.00	\$ 92.00	\$ 4.00	\$ 6.68
04		2022Q2	1	652.00	\$ 1,695.20	\$ 2.60	\$ 5.03
		2022Q3	5	7,453.00	\$ 38,315.23	\$ 5.14	\$ 5.37
		2022Q4	4	6,260.00	\$ 46,967.51	\$ 7.50	\$ 6.57
		2023Q1	5	10,934.00	\$ 48,182.90	\$ 4.41	\$ 4.80
		2023Q2	4	48,706.00	\$ 141,201.10	\$ 2.90	\$ 6.76
		2023Q3	2	1,170.00	\$ 10,432.50	\$ 8.92	\$ 7.90
		2023Q4	1	500.00	\$ 3,000.00	\$ 6.00	\$ 7.47
05		2022Q2	2	1,049.00	\$ 5,111.43	\$ 4.87	\$ 7.46
		2022Q3	2	820.00	\$ 5,020.00	\$ 6.12	\$ 6.38
		2022Q4	5	4,307.00	\$ 27,982.75	\$ 6.50	\$ 5.23
		2023Q1	1	3,506.00	\$ 14,024.00	\$ 4.00	\$ 3.94
		2023Q2	2	1,683.00	\$ 22,756.35	\$ 13.52	\$ 11.31
		2023Q3	1	590.00	\$ 3,540.00	\$ 6.00	\$ 5.85
		2023Q4	1	1,366.00	\$ 8,196.00	\$ 6.00	\$ 9.87
06		2023Q2	1	1,789.00	\$ 9,750.05	\$ 5.45	\$ 5.45
07		2022Q2	3	6,589.00	\$ 32,818.30	\$ 4.98	\$ 5.41
		2022Q3	3	4,077.00	\$ 14,950.00	\$ 3.67	\$ 4.51
		2022Q4	1	622.00	\$ 2,637.28	\$ 4.24	\$ 9.62
		2023Q1	4	14,800.00	\$ 75,700.99	\$ 5.11	\$ 4.81
		2023Q3	2	4,390.00	\$ 47,066.00	\$ 10.72	\$ 9.82
		2023Q4	1	415.00	\$ 4,150.00	\$ 10.00	\$ 9.58
08		2022Q2	2	942.00	\$ 8,036.00	\$ 8.53	\$ 7.14
		2022Q3	3	8,902.00	\$ 39,892.00	\$ 4.48	\$ 6.25
		2022Q4	2	2,708.00	\$ 16,996.48	\$ 6.28	\$ 5.49
		2023Q1	7	6,184.80	\$ 30,168.00	\$ 4.88	\$ 4.95
		2023Q2	4	5,629.00	\$ 30,366.40	\$ 5.39	\$ 5.81
		2023Q3	5	17,089.00	\$ 77,070.00	\$ 4.51	\$ 4.17
		2023Q4	3	4,663.00	\$ 62,539.00	\$ 13.41	\$ 8.40
			111	199,063.50	\$ 1,027,437.97	\$ 5.16	\$ 6.03

Weighted Average Item Price Report
By Item, Region, and Quarter

Item	District	Quarter	Number of Occur's	Total Quantity	Total Dollars	Avg Awarded Price	Avg of Low 3 Bidders
623(A)1210 / BEAM GUARDRAIL W-BEAM SINGLE / LF							
	05	2023Q4	2	75.00	\$ 3,787.50	\$ 50.50	\$ 36.48
	08	2022Q2	1	550.00	\$ 18,067.50	\$ 32.85	\$ 28.49
		2023Q1	2	113.00	\$ 4,057.90	\$ 35.91	\$ 35.29
		2023Q2	1	250.00	\$ 8,212.50	\$ 32.85	\$ 31.28
			6	988.00	\$ 34,125.40	\$ 34.54	\$ 30.43
623(C)1400 / BEAM GUARDRAIL THRIE-BEAM SINGLE / LF							
	02	2023Q3	1	537.50	\$ 15,050.00	\$ 28.00	\$ 37.25
	04	2022Q2	2	212.50	\$ 16,125.00	\$ 75.88	\$ 81.88
			3	750.00	\$ 31,175.00	\$ 41.57	\$ 46.56
623(D)1500 / BEAM GUARDRAIL THRIE-BEAM DOUBLE / LF							
		2022Q2	1	100.00	\$ 10,000.00	\$ 100.00	\$ 109.00
			1	100.00	\$ 10,000.00	\$ 100.00	\$ 109.00
623(E)1600 / BEAM GUARDRAIL TRANSITION SECTION / EA							
		2022Q2	2	10.00	\$ 13,200.00	\$ 1,320.00	\$ 1,173.40
			2	10.00	\$ 13,200.00	\$ 1,320.00	\$ 1,173.40
623(F)1700 / GUARDRAIL ANCHOR UNIT / EA							
		2023Q1	2	9.00	\$ 29,430.00	\$ 3,270.00	\$ 3,313.50
			2	9.00	\$ 29,430.00	\$ 3,270.00	\$ 3,313.50
623(F)1704 / GUARDRAIL ANCHOR UNIT (TYPE A) / EA							
	01	2023Q1	1	4.00	\$ 6,712.00	\$ 1,678.00	\$ 2,853.50
		2023Q4	1	4.00	\$ 16,000.00	\$ 4,000.00	\$ 2,605.63
	02	2022Q2	1	3.00	\$ 6,900.00	\$ 2,300.00	\$ 2,188.33
		2022Q3	1	4.00	\$ 12,172.00	\$ 3,043.00	\$ 2,771.50
		2023Q4	1	8.00	\$ 30,800.00	\$ 3,850.00	\$ 3,725.00
	03	2022Q3	3	11.00	\$ 33,900.00	\$ 3,081.82	\$ 2,833.18
		2023Q2	1	2.00	\$ 7,700.00	\$ 3,850.00	\$ 3,550.00
		2023Q3	3	18.00	\$ 52,484.90	\$ 2,915.83	\$ 2,877.70
		2023Q4	1	4.00	\$ 10,000.00	\$ 2,500.00	\$ 3,000.00
	04	2023Q2	2	8.00	\$ 20,280.00	\$ 2,535.00	\$ 2,661.67
		2023Q4	1	4.00	\$ 13,000.00	\$ 3,250.00	\$ 3,183.33
	06	2022Q3	1	4.00	\$ 5,520.00	\$ 1,380.00	\$ 2,253.33
		2023Q1	1	2.00	\$ 11,350.00	\$ 5,675.00	\$ 5,675.00
		2023Q2	2	7.00	\$ 26,950.00	\$ 3,850.00	\$ 3,776.67
	07	2022Q3	1	2.00	\$ 6,400.00	\$ 3,200.00	\$ 3,324.25
		2023Q1	2	6.00	\$ 21,180.00	\$ 3,530.00	\$ 3,388.33
		2023Q2	2	16.00	\$ 27,600.00	\$ 1,725.00	\$ 2,220.29
			25	107.00	\$ 308,948.90	\$ 2,887.37	\$ 2,884.07

Weighted Average Item Price Report
By Item, Region, and Quarter

Item	District	Quarter	Number of Occur's	Total Quantity	Total Dollars	Avg Awarded Price	Avg of Low 3 Bidders
623(F)1712 / GUARDRAIL ANCHOR UNIT (TYPE B) / EA							
	02	2022Q2	1	1.00	\$ 2,500.00	\$ 2,500.00	\$ 1,686.67
	03	2023Q2	1	2.00	\$ 1,650.00	\$ 825.00	\$ 1,625.00
		2023Q4	1	4.00	\$ 10,000.00	\$ 2,500.00	\$ 2,783.33
	04	2022Q3	1	1.00	\$ 1,208.12	\$ 1,208.12	\$ 1,271.11
	07	2022Q3	1	2.00	\$ 6,400.00	\$ 3,200.00	\$ 2,458.00
		2023Q1	1	2.00	\$ 3,520.00	\$ 1,760.00	\$ 1,848.67
			<u>6</u>	<u>12.00</u>	<u>\$ 25,278.12</u>	<u>\$ 2,106.51</u>	<u>\$ 2,172.01</u>
623(F)1716 / GUARDRAIL ANCHOR UNIT (TYPE B) / EA							
	01	2023Q3	1	1.00	\$ 1,300.00	\$ 1,300.00	\$ 1,368.95
	08	2023Q1	1	4.00	\$ 5,500.00	\$ 1,375.00	\$ 1,375.00
			<u>2</u>	<u>5.00</u>	<u>\$ 6,800.00</u>	<u>\$ 1,360.00</u>	<u>\$ 1,373.79</u>
623(F)1724 / GUARDRAIL ANCHOR UNIT (TYPE D-BF) / EA							
	01	2022Q4	1	5.00	\$ 15,000.00	\$ 3,000.00	\$ 3,154.17
		2023Q1	2	8.00	\$ 20,252.00	\$ 2,531.50	\$ 2,718.83
		2023Q3	1	4.00	\$ 11,200.00	\$ 2,800.00	\$ 2,882.54
		2023Q4	1	4.00	\$ 16,000.00	\$ 4,000.00	\$ 3,238.17
	02	2022Q2	2	8.00	\$ 20,400.00	\$ 2,550.00	\$ 2,463.33
		2022Q3	1	4.00	\$ 12,172.00	\$ 3,043.00	\$ 3,121.50
		2022Q4	1	8.00	\$ 23,920.00	\$ 2,990.00	\$ 2,870.00
		2023Q4	1	8.00	\$ 30,800.00	\$ 3,850.00	\$ 3,675.00
	03	2022Q3	3	12.00	\$ 30,800.00	\$ 2,566.67	\$ 5,178.33
		2022Q4	1	4.00	\$ 11,200.00	\$ 2,800.00	\$ 2,958.67
		2023Q2	1	4.00	\$ 15,400.00	\$ 3,850.00	\$ 3,733.33
		2023Q3	2	8.00	\$ 28,600.00	\$ 3,575.00	\$ 3,561.14
		2023Q4	2	12.00	\$ 37,721.00	\$ 3,143.42	\$ 3,838.69
	04	2022Q3	1	4.00	\$ 8,000.00	\$ 2,000.00	\$ 2,433.33
		2023Q2	2	8.00	\$ 30,628.80	\$ 3,828.60	\$ 3,461.20
		2023Q4	1	4.00	\$ 13,000.00	\$ 3,250.00	\$ 3,183.33
	05	2022Q3	1	4.00	\$ 12,000.00	\$ 3,000.00	\$ 3,356.67
		2023Q4	2	2.00	\$ 7,530.00	\$ 3,765.00	\$ 3,626.25
	06	2022Q3	1	4.00	\$ 15,000.00	\$ 3,750.00	\$ 4,180.00
		2023Q2	2	8.00	\$ 30,800.00	\$ 3,850.00	\$ 3,686.67
	07	2022Q3	1	4.00	\$ 14,800.00	\$ 3,700.00	\$ 3,271.75
		2023Q1	2	8.00	\$ 17,900.00	\$ 2,237.50	\$ 2,359.50
		2023Q2	3	28.00	\$ 72,425.00	\$ 2,586.61	\$ 2,750.30
	08	2023Q1	3	14.00	\$ 44,240.00	\$ 3,160.00	\$ 3,140.40
		2023Q2	1	4.00	\$ 9,960.00	\$ 2,490.00	\$ 3,463.33
			<u>39</u>	<u>181.00</u>	<u>\$ 549,748.80</u>	<u>\$ 3,037.29</u>	<u>\$ 3,281.21</u>
623(F)1744 / GUARDRAIL ANCHOR UNIT (TYPE I) / EA							
	03	2023Q3	1	1.00	\$ 2,776.23	\$ 2,776.23	\$ 2,554.08
			<u>1</u>	<u>1.00</u>	<u>\$ 2,776.23</u>	<u>\$ 2,776.23</u>	<u>\$ 2,554.08</u>

Weighted Average Item Price Report
By Item, Region, and Quarter

Item	District	Quarter	Number of Occur's	Total Quantity	Total Dollars	Avg Awarded Price	Avg of Low 3 Bidders
623(G)1820 / GUARDRAIL END TREATMENT (31") / EA							
01		2022Q2	1	4.00	\$ 19,200.00	\$ 4,800.00	\$ 4,498.33
		2022Q3	2	12.00	\$ 50,545.60	\$ 4,212.13	\$ 4,069.05
		2022Q4	1	8.00	\$ 37,200.00	\$ 4,650.00	\$ 4,048.67
		2023Q2	1	4.00	\$ 17,884.44	\$ 4,471.11	\$ 4,670.37
		2023Q3	4	13.00	\$ 48,123.38	\$ 3,701.80	\$ 4,053.68
		2023Q4	1	5.00	\$ 23,000.00	\$ 4,600.00	\$ 4,450.41
02		2022Q3	1	2.00	\$ 9,000.00	\$ 4,500.00	\$ 4,366.67
		2022Q4	3	13.00	\$ 56,619.32	\$ 4,355.33	\$ 4,724.72
		2023Q1	4	15.00	\$ 63,440.00	\$ 4,229.33	\$ 4,253.92
		2023Q2	1	4.00	\$ 13,360.00	\$ 3,340.00	\$ 4,045.00
		2023Q3	1	4.00	\$ 19,200.00	\$ 4,800.00	\$ 4,561.46
		2023Q4	2	12.00	\$ 61,472.00	\$ 5,122.67	\$ 5,015.89
03		2022Q3	3	13.00	\$ 41,575.00	\$ 3,198.08	\$ 3,677.39
		2022Q4	1	4.00	\$ 17,040.00	\$ 4,260.00	\$ 4,799.42
		2023Q1	3	14.00	\$ 52,280.92	\$ 3,734.35	\$ 4,060.64
		2023Q2	2	28.00	\$ 107,380.00	\$ 3,835.00	\$ 3,670.00
		2023Q3	2	7.00	\$ 25,368.51	\$ 3,624.07	\$ 4,185.93
		2023Q4	2	8.00	\$ 28,560.00	\$ 3,570.00	\$ 3,662.17
04		2022Q2	1	4.00	\$ 14,782.20	\$ 3,695.55	\$ 3,669.43
		2022Q3	3	27.00	\$ 115,030.38	\$ 4,260.38	\$ 4,342.61
		2022Q4	4	17.00	\$ 56,991.67	\$ 3,352.45	\$ 3,246.97
		2023Q2	3	28.00	\$ 119,532.00	\$ 4,269.00	\$ 4,024.07
		2023Q3	5	13.00	\$ 53,136.36	\$ 4,087.41	\$ 4,240.16
		2023Q4	1	2.00	\$ 9,000.00	\$ 4,500.00	\$ 4,475.27
05		2022Q3	2	8.00	\$ 26,300.00	\$ 3,287.50	\$ 3,441.17
		2022Q4	4	20.00	\$ 77,620.00	\$ 3,881.00	\$ 3,695.45
		2023Q1	1	7.00	\$ 31,150.00	\$ 4,450.00	\$ 4,138.25
		2023Q3	2	5.00	\$ 18,899.54	\$ 3,779.91	\$ 4,130.73
		2023Q4	1	9.00	\$ 36,000.00	\$ 4,000.00	\$ 3,801.00
06		2022Q4	1	7.00	\$ 28,000.00	\$ 4,000.00	\$ 3,881.25
		2023Q4	2	7.00	\$ 26,600.00	\$ 3,800.00	\$ 3,904.68
07		2022Q2	2	8.00	\$ 38,983.28	\$ 4,872.91	\$ 4,845.10
		2022Q3	2	8.00	\$ 32,500.00	\$ 4,062.50	\$ 4,327.46
		2022Q4	1	8.00	\$ 27,136.00	\$ 3,392.00	\$ 3,296.00
		2023Q1	4	41.00	\$ 118,090.00	\$ 2,880.24	\$ 3,628.59
08		2022Q2	1	4.00	\$ 19,448.96	\$ 4,862.24	\$ 4,767.58
		2022Q3	1	1.00	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00
		2022Q4	2	5.00	\$ 22,963.12	\$ 4,592.62	\$ 4,434.83
		2023Q1	5	19.00	\$ 77,800.00	\$ 4,094.74	\$ 4,189.12
		2023Q2	6	28.00	\$ 103,829.52	\$ 3,708.20	\$ 3,932.88
		2023Q3	3	17.00	\$ 77,216.60	\$ 4,542.15	\$ 4,375.36
		2023Q4	4	14.00	\$ 52,967.00	\$ 3,783.36	\$ 4,117.07
			96	477.00	\$ 1,880,725.80	\$ 3,942.82	\$ 4,059.41
623(H)1910 / GUARDRAIL BLOCKOUT REPLACEMENT / LF							
04	2023Q2	1	1,200.00	\$ 4,200.00	\$ 3.50	\$ 8.67	
		1	1,200.00	\$ 4,200.00	\$ 3.50	\$ 8.67	



TEL 918 266 6861 FAX 918 266 6482

MAIL 1640 S 101ST EAST AVENUE ➤ TULSA OKLAHOMA ➤ 74128



December 22, 2023

Benchmark Construction Services
Attn: Bobby Williams
8636 S. Peoria Ave.
Tulsa, OK 74132

RE: STP-172N(455)IG
JP 26308(04)
23rd Street from Houston to Kenosha Over SH-51
SH-51 Median Lighting Repair

Dear Mr. Williams,

During the progress meeting held on July 25th, 2023, we notified your team of a conflict with an existing light pole in the median of SH-5. The existing pole conflicted with the construction of the new center pier for Bridge A, 23rd over SH-51. After discussions and considerations with your team, ODOT, and the City of Broken Arrow, it has been determined the pole does not need to be relocated.

Although the pole will not be relocated, electrical conduit and wire must be reconstructed to avoid conflicts with the bridge substructure. Below are requested items and quantities to facilitate the reconstruction of the electrical components. Following this letter are cost breakdowns for the new items.

<u>Item No.</u>	<u>Description</u>	<u>Units</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Amount</u>
1060	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	150.00	LF	\$ 32.15	\$ 4,822.50
New	2" PVC SCH.40 PLASTIC CONDUIT BORED	70.00	LF	\$ 69.85	\$ 4,889.50
New	Pull Box	1.00	EA	\$ 2,161.50	\$ 2,161.50
New	1/C NO.4 ELECT.COND.	1,500.00	LF	\$ 1.65	\$ 2,475.00

Please feel free to contact me if you have any questions regarding this request.

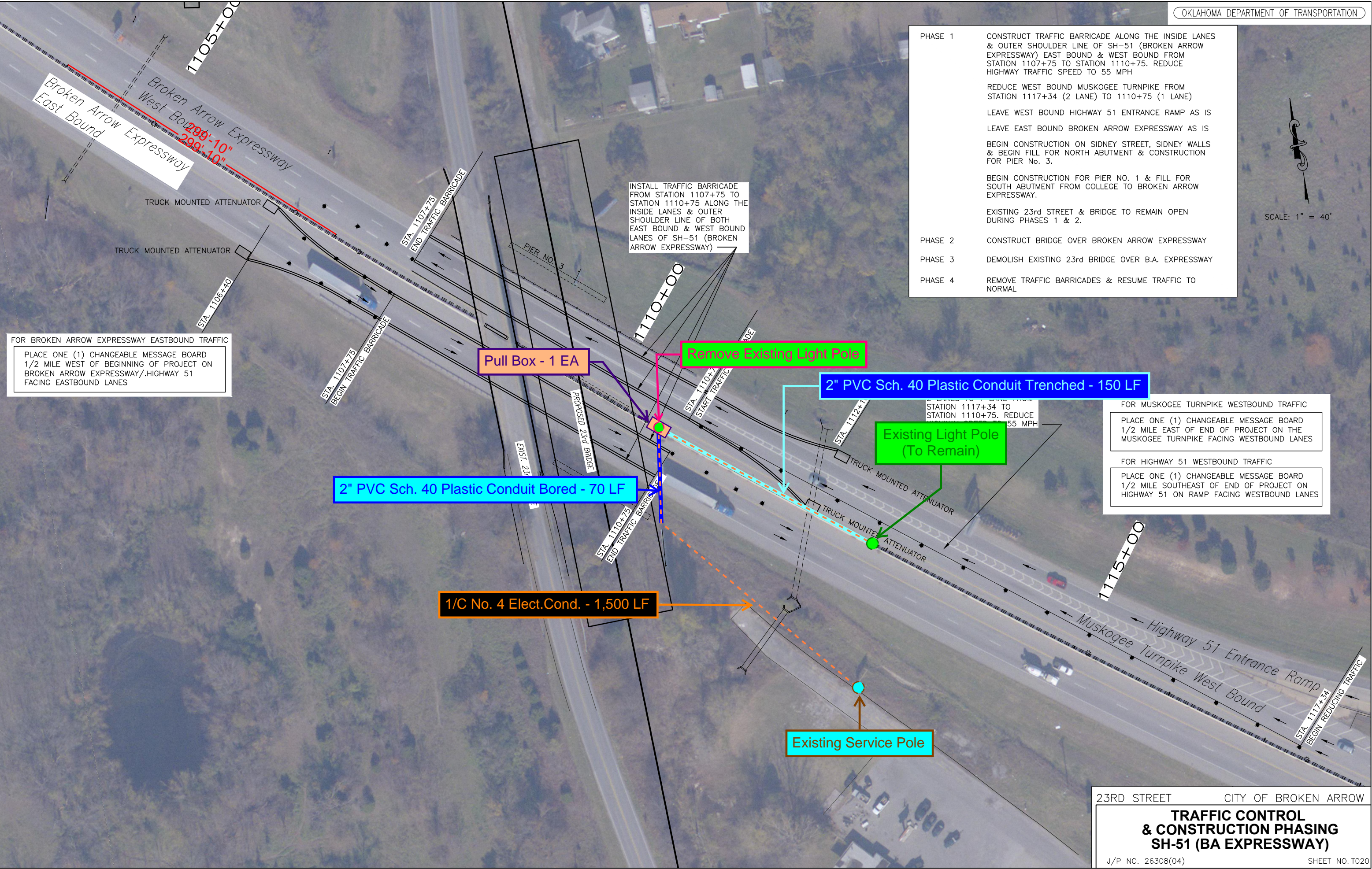
Sincerely,
SHERWOOD CONSTRUCTION COMPANY, INC.

Chris Kinnamon
Vice President



VISIT US ONLINE www.sherwoodcompanies.com

SHERWOOD OFFICES ➤ TULSA, OK OKLAHOMA CITY, OK WICHITA, KS | AN EQUAL OPPORTUNITY EMPLOYER





Contract ID 220207

Oklahoma Department of Transportation

Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. STP-172N(455)IG Date 12/22/2023

County Tulsa/Wagoner Contractor Sherwood Construction Co., Inc.

Description of Work 2" PVC SCH.40 PLASTIC CONDUIT BORED (SH-51 Median)

1.	Labor Total (Refer to Attachment A)					\$	-
	a) Labor Overhead and Profit	25%		%		\$	-
2.	Material Total (Refer to Attachment B)					\$	-
	a) Material Overhead & Profit	20%		%		\$	-
3.	Equipment Total (Refer to Attachment C)					\$	-
	a) Equipment Additional Administrative Costs & Profit	20%		%		\$	-
4.	a) Bonds	1%		%		\$	-
	b) Property Damages & Liability Insurance	\$ 104.76		Rate/\$1,000 of Payroll		\$	-
	c) Workers Compensation	\$ 10.22		Rate/\$100 of Payroll		\$	-
	d) Unemployment Insurance Contribution	3.8%		%		\$	-
	e) Social Security Taxes	7.65%		%		\$	-
	f) Employee Fringe Benefits	20%		%		\$	-
5.	Subcontracted Work Total					\$	4,445.00
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	444.50
6.	Work of a Non-Highway Construction Nature					\$	-
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	-
7.	Total Cost of Work					\$	4,889.50
	a) Unit Price	\$ 69.85	Quantity	70.00	Units LF		



Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. : STP-172N(455)IG, 26308(04) Date December 18, 2023

County: Tulsa & Wagoner Contractor : TLS Group, Inc.

Description of Work : 2" PVC SCH.40 PLASTIC CONDUIT BORED

1	Labor Total (Refer to Attachment A)			\$950.00
	a) Labor Overhead & Profit	%	25.00%	\$237.50
2	Material Total (Refer to Attachment B)			\$109.79
	a) Material Overhead & Profit	%	20.00%	\$21.96
3	Equipment Total (Refer to Attachment C)			\$2,277.70
	a) Equipment Additional Administrative Costs & Profit	%	20.00%	\$455.54
4	a) Bonds	%	1.00%	\$12.04
	b) Property Damage & Liability Insurance	%	2.01%	\$19.10
	c) Workers Compensation	Rate/\$100 of Payroll	6.59%	\$62.61
	d) Unemployment Insurance Contribution	%	3.80%	\$36.10
	e) Social Security Taxes	%	7.65%	\$72.68
	f) Employee Fringe Benefits	%	20.00%	\$190.00
	4. SECTION TOTAL			\$392.52
5	Subcontracted Work Total			\$0.00
	a) Prime Contractor Overhead on Subcontracted Work	%	10.00%	\$0.00
6	Work of a Non-Highway Construction Nature			
	a) Prime Contractor Overhead on Subcontracted Work	%	10.00%	\$0.00
7	Total Cost of Work			\$4,445.00
	a) Unit Price	\$63.50	Quantity 70.00	Units LF
				\$4,445.00

Attachment A - Labor Total

Contract: 220207

Description: 2" PVC SCH.40 PLASTIC CONDUIT BORED

			Total Hours	Total for Each Labor Class
Labor Classification	No.	Rate/Hour		
Foreman	1.00	\$40.00	10.00	\$400.00
Operator	1.00	\$30.00	10.00	\$300.00
Laborer	1.00	\$25.00	10.00	\$250.00
		Labor Total		\$950.00

Contract: 220207

		Contractor's		
Material	Item Unit	Cost	Quantity	Material Amount
2" HDPE CONDUIT	LF	\$1.04	70.00	\$72.80
2" HDPE - PVC ADAPTER	EA	\$10.00	2.00	\$20.00
2" PVC ELBOW	EA	\$4.23	2.00	\$8.46
				\$0.00
			SUBTOTAL	\$101.26
		TAX	8.420%	\$8.53
		Material Total		\$109.79

Attachment C - Equipment Total

Contract: 220207

Description:	2" PVC SCH.40 PLASTIC CONDUIT BORED
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[illegible]

Adjustments for JT20 Bore machine 2023Rate in 2022 TLS EQ rates

August 21, 2023

Ditch Witch JT20
 Horizontal Directional Drills

 Size Class:
15,001 - 20,000 lbs
 Weight:
N/A

Configuration for JT20

 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 \$17,395.00	USD \$4,870.00	USD \$1,220.00	USD \$185.00	USD \$59.91	USD \$158.75
Adjustments						
Region (Oklahoma: 97.5%)	(USD \$434.88)	(USD \$121.75)	(USD \$30.50)	(USD \$4.63)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (72%)	(USD \$4,748.83)	(USD \$1,329.51)	(USD \$333.06)	(USD \$50.51)		
Hourly Operating Cost (57.99999999999999%)					(USD \$25.16)	
Total:	USD \$12,211.29	USD \$3,418.74	USD \$856.44	USD \$129.87	USD \$34.75	USD \$104.13

Non-Active Use Rates

	Hourly
Standby Rate	USD \$47.87
Idling Rate	USD \$69.38

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	35%	USD \$6,088.25/mo
Overhaul (ownership)	32%	USD \$5,566.40/mo
CFC (ownership)	15%	USD \$2,609.25/mo
Indirect (ownership)	19%	USD \$3,305.05/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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 Justin Mudge (jmudge@tlsokc.com)

Adjustments for Ford F250 Foreman truck in 2022 TLS EQ rates

September 26, 2023

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

Horsepower

385.0 hp

Ton Rating

3.0 / 4.0

Cab Type

Power Mode

Crew

Gasoline

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 \$985.00	USD \$275.00	USD \$69.00	USD \$10.00	USD \$30.64	USD \$36.24
Adjustments						
Region (Oklahoma: 97.2%)	(USD \$27.58)	(USD \$7.70)	(USD \$1.93)	(USD \$0.28)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (160%)	USD \$574.45	USD \$160.38	USD \$40.24	USD \$5.83		
Hourly Operating Cost (60%)					(USD \$12.26)	
Total:	USD \$1,531.87	USD \$427.68	USD \$107.31	USD \$15.55	USD \$18.38	USD \$27.09

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.70

Idling Rate

USD \$24.23

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	USD \$551.60/mo
Overhaul (ownership)	23%	USD \$226.55/mo
CFC (ownership)	9%	USD \$88.65/mo
Indirect (ownership)	12%	USD \$118.20/mo
Fuel (operating) @ USD 3.54	84.43%	USD \$25.87/hr

Revised Date: 3rd quarter 2023

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 Justin Mudge (jmudge@tlsokc.com)

Adjustments for F350 Utility Crew truck in 2022 TLS EQ rates

October 4, 2023

Ford F-350 4X4 DIESEL (disc. 1994)

Light Duty Trucks

Size Class:

2

Weight:

N/A



Configuration for F-350 4X4 DIESEL (disc. 1994)

Power Mode	Diesel	Wheelbase	133 Inches
Gross Vehicle Weight Rating	9000 Pounds		

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 \$1,605.00	USD \$450.00	USD \$115.00	USD \$17.00	USD \$22.71	USD \$31.83
Adjustments						
Region (Oklahoma: 95.6%)	(USD \$70.62)	(USD \$19.80)	(USD \$5.06)	(USD \$0.75)		
Model Year (1994: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (147%)	USD \$721.16	USD \$202.19	USD \$51.67	USD \$7.64		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,255.54	USD \$632.39	USD \$161.61	USD \$23.89	USD \$22.71	USD \$35.53

Non-Active Use Rates

	Hourly
Standby Rate	USD \$7.05
Idling Rate	USD \$27.67

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD \$369.15/mo
Overhaul (ownership)	45%	USD \$722.25/mo
CFC (ownership)	16%	USD \$256.80/mo
Indirect (ownership)	16%	USD \$256.80/mo
Fuel (operating) @ USD 4.39	65.39%	USD \$14.85/hr

Revised Date: 4th quarter 2023

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 Justin Mudge (jmudge@tlsokc.com)

Adjustments for John Deere 17G Excavator (Bore Crew) in 2022 TLS EQ rates

August 12, 2022

Deere 17G

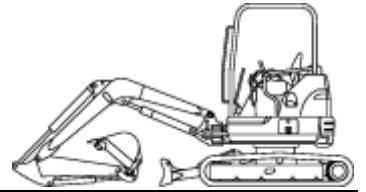
Crawler Mounted Compact Excavators

Size Class:

1.1 - 2.0 MTons

Weight:

N/A



Configuration for 17G

Operating Weight
Power Mode

3790 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	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$2,660.00	USD \$745.00	USD \$185.00	USD \$28.00	USD \$13.26	USD \$28.37
Adjustments						
Region (Oklahoma: 95%)	(USD \$133.00)	(USD \$37.25)	(USD \$9.25)	(USD \$1.40)		
Model Year (2019: 99.9%)	(USD \$2.58)	(USD \$0.72)	(USD \$0.18)	(USD \$0.03)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,524.42	USD \$707.03	USD \$175.57	USD \$26.57	USD \$13.26	USD \$27.60

Non-Active Use Rates

Standby Rate

Hourly

USD \$7.17

Idling Rate

USD \$18.14

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	31%	USD \$824.60/mo
Overhaul (ownership)	42%	USD \$1,117.20/mo
CFC (ownership)	7%	USD \$186.20/mo
Indirect (ownership)	20%	USD \$532.00/mo
Fuel (operating) @ USD 5.70	29%	USD \$3.80/hr

Revised Date: 3rd quarter 2022

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 JUSTIN MUDGE
(jmudge@tlsokc.com)

Adjustments for PolyPipe Trailer in 2022 TLS EQ rates

August 21, 2023

Miscellaneous 2 AXLE 4 TIRE 20'

Lowboy Trailers

Size Class:

All

Weight:

N/A



Configuration for 2 AXLE 4 TIRE 20'

Power Mode

Manual

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 \$4,955.00	USD \$1,390.00	USD \$350.00	USD \$53.00	USD \$7.49	USD \$35.64
Adjustments						
Region (Oklahoma: 98.8%)	(USD \$59.46)	(USD \$16.68)	(USD \$4.20)	(USD \$0.64)		
Model Year (2010: 96.7%)	(USD \$161.55)	(USD \$45.32)	(USD \$11.41)	(USD \$1.73)		
Adjusted Hourly Ownership Cost (31%)	(USD \$3,266.45)	(USD \$916.32)	(USD \$230.73)	(USD \$34.94)		
Hourly Operating Cost (33%)					(USD \$5.02)	
Total:	USD \$1,467.54	USD \$411.68	USD \$103.66	USD \$15.70	USD \$2.47	USD \$10.81

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.84

Idling Rate

USD \$8.34

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	65%	USD \$3,220.75/mo
Overhaul (ownership)	18%	USD \$891.90/mo
CFC (ownership)	10%	USD \$495.50/mo
Indirect (ownership)	7%	USD \$346.85/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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 Justin Mudge (jmudge@tlsokc.com)

Adjustments for Trailer Bumper Pull Equipment 14k in 2022 TLS EQ rates

April 27, 2023

Miscellaneous TOW 2 2 20

Non-Tilt Deck Utility Trailers

Size Class:

All

Weight:

N/A



Configuration for TOW 2 2 20

Capacity	20.0 t	Hitch Type	Tow
Number Of Axles	2.0	Number Of Tires	8.0
Power Mode	Manual		

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 \$545.00	USD \$155.00	USD \$39.00	USD \$6.00	USD \$2.34	USD \$5.44
Adjustments						
Region (Oklahoma: 95.8%)	(USD \$22.89)	(USD \$6.51)	(USD \$1.64)	(USD \$0.25)		
Model Year (2022: 99.85%)	(USD \$0.80)	(USD \$0.23)	(USD \$0.06)	(USD \$0.01)		
Adjusted Hourly Ownership Cost (139%)	USD \$203.31	USD \$57.82	USD \$14.55	USD \$2.24		
Hourly Operating Cost (138%)					USD \$0.89	
Total:	USD \$724.62	USD \$206.08	USD \$51.85	USD \$7.98	USD \$3.23	USD \$7.35

Non-Active Use Rates

Standby Rate	Hourly	USD \$2.88
Idling Rate		USD \$4.12

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	46%	USD \$250.70/mo
Overhaul (ownership)	30%	USD \$163.50/mo
CFC (ownership)	11%	USD \$59.95/mo
Indirect (ownership)	13%	USD \$70.85/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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The equipment represented in this report has been exclusively prepared for JUSTIN MUDGE
(jmudge@tlsokc.com)

Adjustments for Trailer Gooseneck 35ft in 2022 TLS EQ rates

April 27, 2023

Miscellaneous LEVEL 2 22.5

Fixed Gooseneck Equipment Trailers

Size Class:

All

Weight:

8900 lbs



Configuration for LEVEL 2 22.5

Capacity	22.5 t	Deck Length	14' - 18'
Deck Type	Level	Number Of Axles	2.0
Power Mode	Manual		

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 \$1,060.00	USD \$295.00	USD \$74.00	USD \$11.00	USD \$4.30	USD \$10.32
Adjustments						
Region (Oklahoma: 96.1%)	(USD \$41.34)	(USD \$11.51)	(USD \$2.89)	(USD \$0.43)		
Model Year (2020: 99.53%)	(USD \$4.81)	(USD \$1.34)	(USD \$0.34)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (153%)	USD \$537.34	USD \$149.54	USD \$37.51	USD \$5.58		
Hourly Operating Cost (150%)					USD \$2.15	
Total:	USD \$1,551.19	USD \$431.70	USD \$108.29	USD \$16.10	USD \$6.45	USD \$15.26

Non-Active Use Rates

Standby Rate	Hourly	USD \$6.35
Idling Rate		USD \$8.81

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$466.40/mo
Overhaul (ownership)	28%	USD \$296.80/mo
CFC (ownership)	11%	USD \$116.60/mo
Indirect (ownership)	17%	USD \$180.20/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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(jmudge@tlsokc.com)

Adjustments for Yanmar Mini Ex Vio-35-6 in 2022 TLS EQ rates

June 14, 2023

Yanmar VIO35-6

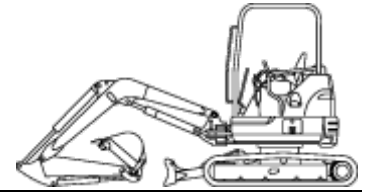
Crawler Mounted Compact Excavators

Size Class:

3.5 - 4.4 mt

Weight:

N/A



Configuration for VIO35-6

Horsepower
Operator Protection

24.4 hp
ROPS

Operating Weight
Power Mode

0.0 lbs
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 \$5,075.00	USD \$1,420.00	USD \$355.00	USD \$53.00	USD \$19.48	USD \$48.32
Adjustments						
Region (Oklahoma: 96.4%)	(USD \$182.70)	(USD \$51.12)	(USD \$12.78)	(USD \$1.91)		
Model Year (2019: 99.9%)	(USD \$5.05)	(USD \$1.41)	(USD \$0.35)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$4,887.25	USD \$1,367.47	USD \$341.87	USD \$51.04	USD \$19.48	USD \$47.25

Non-Active Use Rates

Standby Rate

Hourly

USD \$13.88

Idling Rate

USD \$31.60

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	22%	USD \$1,116.50/mo
Overhaul (ownership)	41%	USD \$2,080.75/mo
CFC (ownership)	18%	USD \$913.50/mo
Indirect (ownership)	19%	USD \$964.25/mo
Fuel (operating) @ USD 4.25	20%	USD \$3.83/hr

Revised Date: 2nd quarter 2023

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Contract ID 220207**Oklahoma Department of Transportation**

Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. STP-172N(455)IG Date 12/22/2023County Tulsa/Wagoner Contractor Sherwood Construction Co., Inc.Description of Work Pull Box (SH-51 Median)

1.	Labor Total (Refer to Attachment A)					\$	-
	a) Labor Overhead and Profit	25%		%		\$	-
2.	Material Total (Refer to Attachment B)					\$	-
	a) Material Overhead & Profit	20%		%		\$	-
3.	Equipment Total (Refer to Attachment C)					\$	-
	a) Equipment Additional Administrative Costs & Profit	20%		%		\$	-
4.	a) Bonds	1%		%		\$	-
	b) Property Damages & Liability Insurance	\$ 104.76	Rate/\$1,000 of Payroll			\$	-
	c) Workers Compensation	\$ 10.22	Rate/\$100 of Payroll			\$	-
	d) Unemployment Insurance Contribution	3.8%		%		\$	-
	e) Social Security Taxes	7.65%		%		\$	-
	f) Employee Fringe Benefits	20%		%		\$	-
5.	Subcontracted Work Total					\$	1,965.00
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	196.50
6.	Work of a Non-Highway Construction Nature					\$	-
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	-
7.	Total Cost of Work					\$	2,161.50
	a) Unit Price	\$ 2,161.50	Quantity	1.00	Units EA		



Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. : STP-172N(455)IG, 26308(04)

Date December 18, 2023

County: Tulsa & Wagoner

Contractor : TLS Group, Inc

Description of Work : PULL BOX

1	Labor Total (Refer to Attachment A)				\$480.00
	a) Labor Overhead & Profit	%		25.00%	\$120.00
2	Material Total (Refer to Attachment B)				\$734.01
	a) Material Overhead & Profit	%		20.00%	\$146.80
3	Equipment Total (Refer to Attachment C)				\$234.40
	a) Equipment Additional Administrative Costs & Profit	%		20.00%	\$46.88
4	a) Bonds	%		1.00%	\$10.66
	b) Property Damage & Liability Insurance	%		2.01%	\$9.65
	c) Workers Compensation	Rate/\$100 of Payroll		6.59%	\$31.63
	d) Unemployment Insurance Contribution	%		3.80%	\$18.24
	e) Social Security Taxes	%		7.65%	\$36.72
	f) Employee Fringe Benefits	%		20.00%	\$96.00
4. SECTION TOTAL					\$202.90
5	Subcontracted Work Total				\$0.00
	a) Prime Contractor Overhead on Subcontracted Work	%		10.00%	\$0.00
6	Work of a Non-Highway Construction Nature				
	a) Prime Contractor Overhead on Subcontracted Work	%		10.00%	\$0.00
7	Total Cost of Work				\$1,965.00
	a) Unit Price	\$1,965.00	Quantity	1.00	Units EA
					\$1,965.00

Attachment A - Labor Total

Contract: 220207

Description: PULL BOX

			Total	Total for Each
Labor Classification	No.	Rate/Hour	Hours	Labor Class
Foreman	1.00	\$40.00	4.00	\$160.00
Operator	1.00	\$30.00	4.00	\$120.00
Laborer	2.00	\$25.00	4.00	\$200.00
		Labor Total		\$480.00

Attachment B - Material Total

Contract: 220207

Description: PULL BOX

Material	Item Unit	Contractor's Cost		
			Quantity	Material Amount
MEDIAN BARRIER PULL BOX	EA	\$550.00	1.00	\$550.00
5/8" X 8' GROUND ROD	EA	\$15.93	1.00	\$15.93
5/8" ACORD GROUND ROD CLAMP	EA	\$4.43	1.00	\$4.43
1/2" ALUM. LOC DRAIN	EA	\$14.15	1.00	\$14.15
GROUND/NEUTRAL BAR 6 TERMINAL	EA	\$6.94	1.00	\$6.94
WIRE CONNECTOR	EA	\$35.40	2.00	\$70.80
1/C NO. 4 STRANDED BAR COPPER	LF	\$1.17	10.00	\$11.70
2" PVC MALE ADAPTER	EA	\$0.87	2.00	\$1.74
2" STEEL LOCKNUT	EA	\$0.37	2.00	\$0.74
2" THREADED CONDUIT BUSHING	EA	\$0.29	2.00	\$0.58
			SUBTOTAL	\$677.01
		TAX	8.420%	\$57.00
		Material Total		\$734.01

[illegible]

Adjustments for JT20 Bore machine 2023Rate in 2022 TLS EQ rates

August 21, 2023

Ditch Witch JT20

Horizontal Directional Drills

Size Class:

15,001 - 20,000 lbs

Weight:

N/A



Configuration for JT20

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 \$17,395.00	USD \$4,870.00	USD \$1,220.00	USD \$185.00	USD \$59.91	USD \$158.75
Adjustments						
Region (Oklahoma: 97.5%)	(USD \$434.88)	(USD \$121.75)	(USD \$30.50)	(USD \$4.63)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (72%)	(USD \$4,748.83)	(USD \$1,329.51)	(USD \$333.06)	(USD \$50.51)		
Hourly Operating Cost (57.99999999999999%)					(USD \$25.16)	
Total:	USD \$12,211.29	USD \$3,418.74	USD \$856.44	USD \$129.87	USD \$34.75	USD \$104.13

Non-Active Use Rates

Standby Rate

Hourly

USD \$47.87

Idling Rate

USD \$69.38

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	35%	USD \$6,088.25/mo
Overhaul (ownership)	32%	USD \$5,566.40/mo
CFC (ownership)	15%	USD \$2,609.25/mo
Indirect (ownership)	19%	USD \$3,305.05/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for Ford F250 Foreman truck in 2022 TLS EQ rates

September 26, 2023

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

Horsepower

385.0 hp

Ton Rating

3.0 / 4.0

Cab Type

Power Mode

Crew

Gasoline

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 \$985.00	USD \$275.00	USD \$69.00	USD \$10.00	USD \$30.64	USD \$36.24
Adjustments						
Region (Oklahoma: 97.2%)	(USD \$27.58)	(USD \$7.70)	(USD \$1.93)	(USD \$0.28)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (160%)	USD \$574.45	USD \$160.38	USD \$40.24	USD \$5.83		
Hourly Operating Cost (60%)					(USD \$12.26)	
Total:	USD \$1,531.87	USD \$427.68	USD \$107.31	USD \$15.55	USD \$18.38	USD \$27.09

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.70

Idling Rate

USD \$24.23

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	USD \$551.60/mo
Overhaul (ownership)	23%	USD \$226.55/mo
CFC (ownership)	9%	USD \$88.65/mo
Indirect (ownership)	12%	USD \$118.20/mo
Fuel (operating) @ USD 3.54	84.43%	USD \$25.87/hr

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for F350 Utility Crew truck in 2022 TLS EQ rates

October 4, 2023

Ford F-350 4X4 DIESEL (disc. 1994)

Light Duty Trucks

Size Class:

2

Weight:

N/A



Configuration for F-350 4X4 DIESEL (disc. 1994)

Power Mode	Diesel	Wheelbase	133 Inches
Gross Vehicle Weight Rating	9000 Pounds		

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 \$1,605.00	USD \$450.00	USD \$115.00	USD \$17.00	USD \$22.71	USD \$31.83
Adjustments						
Region (Oklahoma: 95.6%)	(USD \$70.62)	(USD \$19.80)	(USD \$5.06)	(USD \$0.75)		
Model Year (1994: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (147%)	USD \$721.16	USD \$202.19	USD \$51.67	USD \$7.64		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,255.54	USD \$632.39	USD \$161.61	USD \$23.89	USD \$22.71	USD \$35.53

Non-Active Use Rates

	Hourly
Standby Rate	USD \$7.05
Idling Rate	USD \$27.67

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD \$369.15/mo
Overhaul (ownership)	45%	USD \$722.25/mo
CFC (ownership)	16%	USD \$256.80/mo
Indirect (ownership)	16%	USD \$256.80/mo
Fuel (operating) @ USD 4.39	65.39%	USD \$14.85/hr

Revised Date: 4th quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for John Deere 17G Excavator (Bore Crew) in 2022 TLS EQ rates

August 12, 2022

Deere 17G

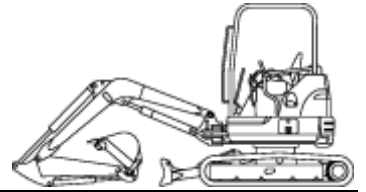
Crawler Mounted Compact Excavators

Size Class:

1.1 - 2.0 MTons

Weight:

N/A



Configuration for 17G

Operating Weight
Power Mode

3790 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	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$2,660.00	USD \$745.00	USD \$185.00	USD \$28.00	USD \$13.26	USD \$28.37
Adjustments						
Region (Oklahoma: 95%)	(USD \$133.00)	(USD \$37.25)	(USD \$9.25)	(USD \$1.40)		
Model Year (2019: 99.9%)	(USD \$2.58)	(USD \$0.72)	(USD \$0.18)	(USD \$0.03)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,524.42	USD \$707.03	USD \$175.57	USD \$26.57	USD \$13.26	USD \$27.60

Non-Active Use Rates

Standby Rate

Hourly

USD \$7.17

Idling Rate

USD \$18.14

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	31%	USD \$824.60/mo
Overhaul (ownership)	42%	USD \$1,117.20/mo
CFC (ownership)	7%	USD \$186.20/mo
Indirect (ownership)	20%	USD \$532.00/mo
Fuel (operating) @ USD 5.70	29%	USD \$3.80/hr

Revised Date: 3rd quarter 2022

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(jmudge@tlsokc.com)

Adjustments for PolyPipe Trailer in 2022 TLS EQ rates

August 21, 2023

Miscellaneous 2 AXLE 4 TIRE 20'

Lowboy Trailers

Size Class:

All

Weight:

N/A



Configuration for 2 AXLE 4 TIRE 20'

Power Mode

Manual

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 \$4,955.00	USD \$1,390.00	USD \$350.00	USD \$53.00	USD \$7.49	USD \$35.64
Adjustments						
Region (Oklahoma: 98.8%)	(USD \$59.46)	(USD \$16.68)	(USD \$4.20)	(USD \$0.64)		
Model Year (2010: 96.7%)	(USD \$161.55)	(USD \$45.32)	(USD \$11.41)	(USD \$1.73)		
Adjusted Hourly Ownership Cost (31%)	(USD \$3,266.45)	(USD \$916.32)	(USD \$230.73)	(USD \$34.94)		
Hourly Operating Cost (33%)					(USD \$5.02)	
Total:	USD \$1,467.54	USD \$411.68	USD \$103.66	USD \$15.70	USD \$2.47	USD \$10.81

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.84

Idling Rate

USD \$8.34

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	65%	USD \$3,220.75/mo
Overhaul (ownership)	18%	USD \$891.90/mo
CFC (ownership)	10%	USD \$495.50/mo
Indirect (ownership)	7%	USD \$346.85/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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Adjustments for Trailer Bumper Pull Equipment 14k in 2022 TLS EQ rates

April 27, 2023

Miscellaneous TOW 2 2 20

Non-Tilt Deck Utility Trailers

Size Class:

All

Weight:

N/A



Configuration for TOW 2 2 20

Capacity	20.0 t	Hitch Type	Tow
Number Of Axles	2.0	Number Of Tires	8.0
Power Mode	Manual		

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 \$545.00	USD \$155.00	USD \$39.00	USD \$6.00	USD \$2.34	USD \$5.44
Adjustments						
Region (Oklahoma: 95.8%)	(USD \$22.89)	(USD \$6.51)	(USD \$1.64)	(USD \$0.25)		
Model Year (2022: 99.85%)	(USD \$0.80)	(USD \$0.23)	(USD \$0.06)	(USD \$0.01)		
Adjusted Hourly Ownership Cost (139%)	USD \$203.31	USD \$57.82	USD \$14.55	USD \$2.24		
Hourly Operating Cost (138%)					USD \$0.89	
Total:	USD \$724.62	USD \$206.08	USD \$51.85	USD \$7.98	USD \$3.23	USD \$7.35

Non-Active Use Rates

Standby Rate	Hourly	USD \$2.88
Idling Rate		USD \$4.12

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	46%	USD \$250.70/mo
Overhaul (ownership)	30%	USD \$163.50/mo
CFC (ownership)	11%	USD \$59.95/mo
Indirect (ownership)	13%	USD \$70.85/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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(jmudge@tlsokc.com)

Adjustments for Trailer Gooseneck 35ft in 2022 TLS EQ rates

April 27, 2023

Miscellaneous LEVEL 2 22.5

Fixed Gooseneck Equipment Trailers

Size Class:

All

Weight:

8900 lbs



Configuration for LEVEL 2 22.5

Capacity	22.5 t	Deck Length	14' - 18'
Deck Type	Level	Number Of Axles	2.0
Power Mode	Manual		

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 \$1,060.00	USD \$295.00	USD \$74.00	USD \$11.00	USD \$4.30	USD \$10.32
Adjustments						
Region (Oklahoma: 96.1%)	(USD \$41.34)	(USD \$11.51)	(USD \$2.89)	(USD \$0.43)		
Model Year (2020: 99.53%)	(USD \$4.81)	(USD \$1.34)	(USD \$0.34)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (153%)	USD \$537.34	USD \$149.54	USD \$37.51	USD \$5.58		
Hourly Operating Cost (150%)					USD \$2.15	
Total:	USD \$1,551.19	USD \$431.70	USD \$108.29	USD \$16.10	USD \$6.45	USD \$15.26

Non-Active Use Rates

Standby Rate	Hourly	USD \$6.35
Idling Rate		USD \$8.81

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$466.40/mo
Overhaul (ownership)	28%	USD \$296.80/mo
CFC (ownership)	11%	USD \$116.60/mo
Indirect (ownership)	17%	USD \$180.20/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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 JUSTIN MUDGE
(jmudge@tlsokc.com)

Adjustments for Yanmar Mini Ex Vio-35-6 in 2022 TLS EQ rates

June 14, 2023

Yanmar VIO35-6

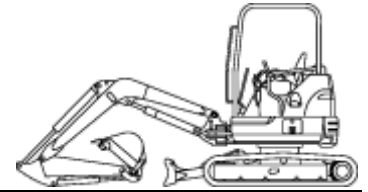
Crawler Mounted Compact Excavators

Size Class:

3.5 - 4.4 mt

Weight:

N/A



Configuration for VIO35-6

Horsepower
Operator Protection

24.4 hp
ROPS

Operating Weight
Power Mode

0.0 lbs
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 \$5,075.00	USD \$1,420.00	USD \$355.00	USD \$53.00	USD \$19.48	USD \$48.32
Adjustments						
Region (Oklahoma: 96.4%)	(USD \$182.70)	(USD \$51.12)	(USD \$12.78)	(USD \$1.91)		
Model Year (2019: 99.9%)	(USD \$5.05)	(USD \$1.41)	(USD \$0.35)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$4,887.25	USD \$1,367.47	USD \$341.87	USD \$51.04	USD \$19.48	USD \$47.25

Non-Active Use Rates

Standby Rate

Hourly

USD \$13.88

Idling Rate

USD \$31.60

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	22%	USD \$1,116.50/mo
Overhaul (ownership)	41%	USD \$2,080.75/mo
CFC (ownership)	18%	USD \$913.50/mo
Indirect (ownership)	19%	USD \$964.25/mo
Fuel (operating) @ USD 4.25	20%	USD \$3.83/hr

Revised Date: 2nd quarter 2023

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Contract ID 220207**Oklahoma Department of Transportation**

Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. STP-172N(455)IG Date 12/22/2023County Tulsa/Wagoner Contractor Sherwood Construction Co., Inc.Description of Work 1/C NO.4 ELECT.COND. (SH-51 Median)

1.	Labor Total (Refer to Attachment A)					\$	-
	a) Labor Overhead and Profit	25%		%		\$	-
2.	Material Total (Refer to Attachment B)					\$	-
	a) Material Overhead & Profit	20%		%		\$	-
3.	Equipment Total (Refer to Attachment C)					\$	-
	a) Equipment Additional Administrative Costs & Profit	20%		%		\$	-
4.	a) Bonds	1%		%		\$	-
	b) Property Damages & Liability Insurance	\$ 104.76		Rate/\$1,000 of Payroll		\$	-
	c) Workers Compensation	\$ 10.22		Rate/\$100 of Payroll		\$	-
	d) Unemployment Insurance Contribution	3.8%		%		\$	-
	e) Social Security Taxes	7.65%		%		\$	-
	f) Employee Fringe Benefits	20%		%		\$	-
5.	Subcontracted Work Total					\$	2,250.00
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	225.00
6.	Work of a Non-Highway Construction Nature					\$	-
	a) Prime Contractor Overhead on Subcontracted Work	10%		%		\$	-
7.	Total Cost of Work					\$	2,475.00
	a) Unit Price	\$ 1.65	Quantity	1,500.00	Units LF		



Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. : STP-172N(455)IG, 26308(04) Date December 18, 2023

County: Tulsa & Wagoner Contractor : TLS Group, Inc.

Description of Work : 1/C No. 4 ELECT.COND.

1	Labor Total (Refer to Attachment A)			\$780.00
	a) Labor Overhead & Profit	%	25.00%	\$195.00
2	Material Total (Refer to Attachment B)			\$422.84
	a) Material Overhead & Profit	%	20.00%	\$84.57
3	Equipment Total (Refer to Attachment C)			\$367.34
	a) Equipment Additional Administrative Costs & Profit	%	20.00%	\$73.47
4	a) Bonds	%	1.00%	\$14.39
	b) Property Damage & Liability Insurance	%	2.01%	\$15.68
	c) Workers Compensation	Rate/\$100 of Payroll	6.59%	\$51.40
	d) Unemployment Insurance Contribution	%	3.80%	\$29.64
	e) Social Security Taxes	%	7.65%	\$59.67
	f) Employee Fringe Benefits	%	20.00%	\$156.00
	4. SECTION TOTAL			\$326.78
5	Subcontracted Work Total			\$0.00
	a) Prime Contractor Overhead on Subcontracted Work	%	10.00%	\$0.00
6	Work of a Non-Highway Construction Nature			
	a) Prime Contractor Overhead on Subcontracted Work	%	10.00%	\$0.00
7	Total Cost of Work			\$2,250.00
	a) Unit Price	\$1.50	Quantity 1,500.00	Units LF
				\$2,250.00

Attachment A - Labor Total

Contract: 220207

Description: 1/C No. 4 ELECT.COND.

			Total	Total for Each
Labor Classification	No.	Rate/Hour	Hours	Labor Class
Electrician	1.00	\$45.00	6.00	\$270.00
Electrician Apprentice	2.00	\$30.00	6.00	\$360.00
Laborer	1.00	\$25.00	6.00	\$150.00
		Labor Total		\$780.00

Attachment B - Material Total

Contract: 220207

Description: 1/C No. 4 ELECT.COND.

		Contractor's		
Material	Item Unit	Cost	Quantity	Material Amount
1/C #4 XHHW STR. ALUMINUM WIRE	LF	\$0.26	1,500.00	\$390.00
				\$0.00
				\$0.00
				\$0.00
			SUBTOTAL	\$390.00
		TAX	8.420%	\$32.84
		Material Total		\$422.84

Attachment C - Equipment Total

Contract: 220207

Description:	1/C No. 4 ELECT.COND.
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[illegible]

Adjustments for JT20 Bore machine 2023Rate in 2022 TLS EQ rates

August 21, 2023

Ditch Witch JT20
Horizontal Directional Drills

Size Class:
15,001 - 20,000 lbs
Weight:
N/A



Configuration for JT20

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 \$17,395.00	USD \$4,870.00	USD \$1,220.00	USD \$185.00	USD \$59.91	USD \$158.75
Adjustments						
Region (Oklahoma: 97.5%)	(USD \$434.88)	(USD \$121.75)	(USD \$30.50)	(USD \$4.63)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (72%)	(USD \$4,748.83)	(USD \$1,329.51)	(USD \$333.06)	(USD \$50.51)		
Hourly Operating Cost (57.99999999999999%)					(USD \$25.16)	
Total:	USD \$12,211.29	USD \$3,418.74	USD \$856.44	USD \$129.87	USD \$34.75	USD \$104.13

Non-Active Use Rates

	Hourly
Standby Rate	USD \$47.87
Idling Rate	USD \$69.38

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	35%	USD \$6,088.25/mo
Overhaul (ownership)	32%	USD \$5,566.40/mo
CFC (ownership)	15%	USD \$2,609.25/mo
Indirect (ownership)	19%	USD \$3,305.05/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for Ford F250 Foreman truck in 2022 TLS EQ rates

September 26, 2023

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

Horsepower

385.0 hp

Ton Rating

3.0 / 4.0

Cab Type

Power Mode

Crew

Gasoline

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 \$985.00	USD \$275.00	USD \$69.00	USD \$10.00	USD \$30.64	USD \$36.24
Adjustments						
Region (Oklahoma: 97.2%)	(USD \$27.58)	(USD \$7.70)	(USD \$1.93)	(USD \$0.28)		
Model Year (2023: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (160%)	USD \$574.45	USD \$160.38	USD \$40.24	USD \$5.83		
Hourly Operating Cost (60%)					(USD \$12.26)	
Total:	USD \$1,531.87	USD \$427.68	USD \$107.31	USD \$15.55	USD \$18.38	USD \$27.09

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.70

Idling Rate

USD \$24.23

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	USD \$551.60/mo
Overhaul (ownership)	23%	USD \$226.55/mo
CFC (ownership)	9%	USD \$88.65/mo
Indirect (ownership)	12%	USD \$118.20/mo
Fuel (operating) @ USD 3.54	84.43%	USD \$25.87/hr

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for F350 Utility Crew truck in 2022 TLS EQ rates

October 4, 2023

Ford F-350 4X4 DIESEL (disc. 1994)

Light Duty Trucks

Size Class:

2

Weight:

N/A



Configuration for F-350 4X4 DIESEL (disc. 1994)

Power Mode	Diesel	Wheelbase	133 Inches
Gross Vehicle Weight Rating	9000 Pounds		

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 \$1,605.00	USD \$450.00	USD \$115.00	USD \$17.00	USD \$22.71	USD \$31.83
Adjustments						
Region (Oklahoma: 95.6%)	(USD \$70.62)	(USD \$19.80)	(USD \$5.06)	(USD \$0.75)		
Model Year (1994: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (147%)	USD \$721.16	USD \$202.19	USD \$51.67	USD \$7.64		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,255.54	USD \$632.39	USD \$161.61	USD \$23.89	USD \$22.71	USD \$35.53

Non-Active Use Rates

	Hourly
Standby Rate	USD \$7.05
Idling Rate	USD \$27.67

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	23%	USD \$369.15/mo
Overhaul (ownership)	45%	USD \$722.25/mo
CFC (ownership)	16%	USD \$256.80/mo
Indirect (ownership)	16%	USD \$256.80/mo
Fuel (operating) @ USD 4.39	65.39%	USD \$14.85/hr

Revised Date: 4th quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for John Deere 17G Excavator (Bore Crew) in 2022 TLS EQ rates

August 12, 2022

Deere 17G

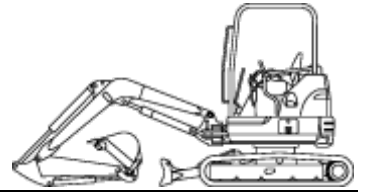
Crawler Mounted Compact Excavators

Size Class:

1.1 - 2.0 MTons

Weight:

N/A



Configuration for 17G

Operating Weight
Power Mode

3790 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	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$2,660.00	USD \$745.00	USD \$185.00	USD \$28.00	USD \$13.26	USD \$28.37
Adjustments						
Region (Oklahoma: 95%)	(USD \$133.00)	(USD \$37.25)	(USD \$9.25)	(USD \$1.40)		
Model Year (2019: 99.9%)	(USD \$2.58)	(USD \$0.72)	(USD \$0.18)	(USD \$0.03)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,524.42	USD \$707.03	USD \$175.57	USD \$26.57	USD \$13.26	USD \$27.60

Non-Active Use Rates

Standby Rate

Hourly

USD \$7.17

Idling Rate

USD \$18.14

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	31%	USD \$824.60/mo
Overhaul (ownership)	42%	USD \$1,117.20/mo
CFC (ownership)	7%	USD \$186.20/mo
Indirect (ownership)	20%	USD \$532.00/mo
Fuel (operating) @ USD 5.70	29%	USD \$3.80/hr

Revised Date: 3rd quarter 2022

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(jmudge@tlsokc.com)

Adjustments for PolyPipe Trailer in 2022 TLS EQ rates

August 21, 2023

Miscellaneous 2 AXLE 4 TIRE 20'

Lowboy Trailers

Size Class:

All

Weight:

N/A



Configuration for 2 AXLE 4 TIRE 20'

Power Mode

Manual

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 \$4,955.00	USD \$1,390.00	USD \$350.00	USD \$53.00	USD \$7.49	USD \$35.64
Adjustments						
Region (Oklahoma: 98.8%)	(USD \$59.46)	(USD \$16.68)	(USD \$4.20)	(USD \$0.64)		
Model Year (2010: 96.7%)	(USD \$161.55)	(USD \$45.32)	(USD \$11.41)	(USD \$1.73)		
Adjusted Hourly Ownership Cost (31%)	(USD \$3,266.45)	(USD \$916.32)	(USD \$230.73)	(USD \$34.94)		
Hourly Operating Cost (33%)					(USD \$5.02)	
Total:	USD \$1,467.54	USD \$411.68	USD \$103.66	USD \$15.70	USD \$2.47	USD \$10.81

Non-Active Use Rates

Standby Rate

Hourly

USD \$6.84

Idling Rate

USD \$8.34

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	65%	USD \$3,220.75/mo
Overhaul (ownership)	18%	USD \$891.90/mo
CFC (ownership)	10%	USD \$495.50/mo
Indirect (ownership)	7%	USD \$346.85/mo

Fuel cost data is not available for these rates.

Revised Date: 3rd quarter 2023

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The equipment represented in this report has been exclusively prepared for Justin Mudge (jmudge@tlsokc.com)

Adjustments for Trailer Bumper Pull Equipment 14k in 2022 TLS EQ rates

April 27, 2023

Miscellaneous TOW 2 2 20

Non-Tilt Deck Utility Trailers

Size Class:

All

Weight:

N/A



Configuration for TOW 2 2 20

Capacity	20.0 t	Hitch Type	Tow
Number Of Axles	2.0	Number Of Tires	8.0
Power Mode	Manual		

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 \$545.00	USD \$155.00	USD \$39.00	USD \$6.00	USD \$2.34	USD \$5.44
Adjustments						
Region (Oklahoma: 95.8%)	(USD \$22.89)	(USD \$6.51)	(USD \$1.64)	(USD \$0.25)		
Model Year (2022: 99.85%)	(USD \$0.80)	(USD \$0.23)	(USD \$0.06)	(USD \$0.01)		
Adjusted Hourly Ownership Cost (139%)	USD \$203.31	USD \$57.82	USD \$14.55	USD \$2.24		
Hourly Operating Cost (138%)					USD \$0.89	
Total:	USD \$724.62	USD \$206.08	USD \$51.85	USD \$7.98	USD \$3.23	USD \$7.35

Non-Active Use Rates

Standby Rate	Hourly	USD \$2.88
Idling Rate		USD \$4.12

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	46%	USD \$250.70/mo
Overhaul (ownership)	30%	USD \$163.50/mo
CFC (ownership)	11%	USD \$59.95/mo
Indirect (ownership)	13%	USD \$70.85/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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(jmudge@tlsokc.com)

Adjustments for Trailer Gooseneck 35ft in 2022 TLS EQ rates

April 27, 2023

Miscellaneous LEVEL 2 22.5

Fixed Gooseneck Equipment Trailers

Size Class:

All

Weight:

8900 lbs



Configuration for LEVEL 2 22.5

Capacity	22.5 t	Deck Length	14' - 18'
Deck Type	Level	Number Of Axles	2.0
Power Mode	Manual		

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 \$1,060.00	USD \$295.00	USD \$74.00	USD \$11.00	USD \$4.30	USD \$10.32
Adjustments						
Region (Oklahoma: 96.1%)	(USD \$41.34)	(USD \$11.51)	(USD \$2.89)	(USD \$0.43)		
Model Year (2020: 99.53%)	(USD \$4.81)	(USD \$1.34)	(USD \$0.34)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (153%)	USD \$537.34	USD \$149.54	USD \$37.51	USD \$5.58		
Hourly Operating Cost (150%)					USD \$2.15	
Total:	USD \$1,551.19	USD \$431.70	USD \$108.29	USD \$16.10	USD \$6.45	USD \$15.26

Non-Active Use Rates

Standby Rate	Hourly	USD \$6.35
Idling Rate		USD \$8.81

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	USD \$466.40/mo
Overhaul (ownership)	28%	USD \$296.80/mo
CFC (ownership)	11%	USD \$116.60/mo
Indirect (ownership)	17%	USD \$180.20/mo

Fuel cost data is not available for these rates.

Revised Date: 2nd quarter 2023

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(jmudge@tlsokc.com)

Adjustments for Yanmar Mini Ex Vio-35-6 in 2022 TLS EQ rates

June 14, 2023

Yanmar VIO35-6

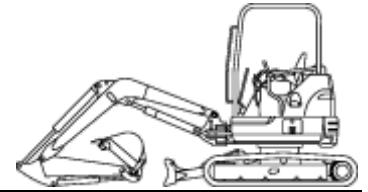
Crawler Mounted Compact Excavators

Size Class:

3.5 - 4.4 mt

Weight:

N/A



Configuration for VIO35-6

Horsepower
Operator Protection

24.4 hp
ROPS

Operating Weight
Power Mode

0.0 lbs
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 \$5,075.00	USD \$1,420.00	USD \$355.00	USD \$53.00	USD \$19.48	USD \$48.32
Adjustments						
Region (Oklahoma: 96.4%)	(USD \$182.70)	(USD \$51.12)	(USD \$12.78)	(USD \$1.91)		
Model Year (2019: 99.9%)	(USD \$5.05)	(USD \$1.41)	(USD \$0.35)	(USD \$0.05)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$4,887.25	USD \$1,367.47	USD \$341.87	USD \$51.04	USD \$19.48	USD \$47.25

Non-Active Use Rates

Standby Rate

Hourly

USD \$13.88

Idling Rate

USD \$31.60

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	22%	USD \$1,116.50/mo
Overhaul (ownership)	41%	USD \$2,080.75/mo
CFC (ownership)	18%	USD \$913.50/mo
Indirect (ownership)	19%	USD \$964.25/mo
Fuel (operating) @ USD 4.25	20%	USD \$3.83/hr

Revised Date: 2nd quarter 2023

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TEL 918 266 6861 **FAX** 918 266 6482

MAIL 1640 S 101ST EAST AVENUE ➤ TULSA OKLAHOMA ➤ 74128



December 22, 2023

Benchmark Construction Services
Attn: Bobby Williams
8636 S. Peoria Ave.
Tulsa, OK 74132

RE: STP-172N(455)IG
JP 26308(04)
23rd Street from Houston to Kenosha Over SH-51
Special Sidewalk Crossing Flume

Dear Mr. Williams,

As a result of changes made by the City of Broken Arrow to the designed drainage structures and pipe to avoid utility conflicts, The City has provided a detail of a 'Sidewalk Flume Crossing'. The scope of this additional detail is not covered by existing contract items. We are proposing the addition of a new pay item to facilitate this work.

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Amount</u>
New	Sidewalk Crossing Flume	1.00	EA	\$ 7,985.54	\$ 7,985.54

Please feel free to contact me if you have any questions regarding this request.

Sincerely,
SHERWOOD CONSTRUCTION COMPANY, INC.

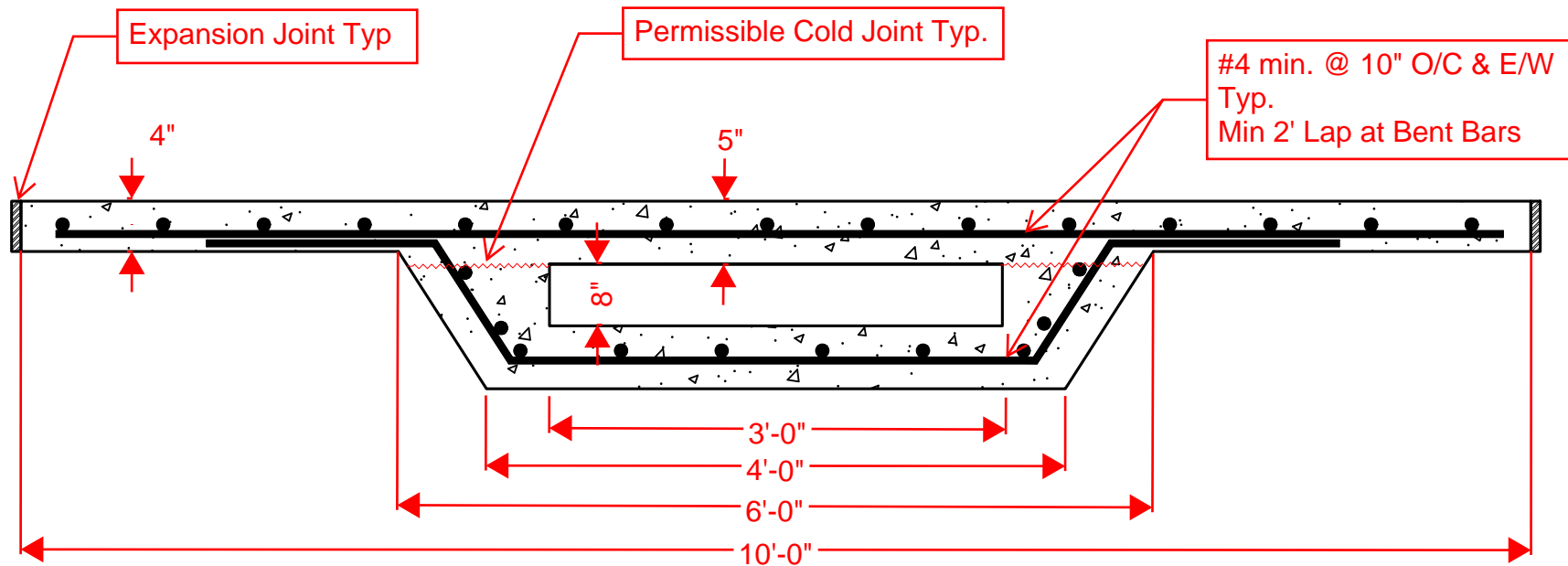
Chris Kinnamon
Vice President



VISIT US ONLINE www.sherwoodcompanies.com

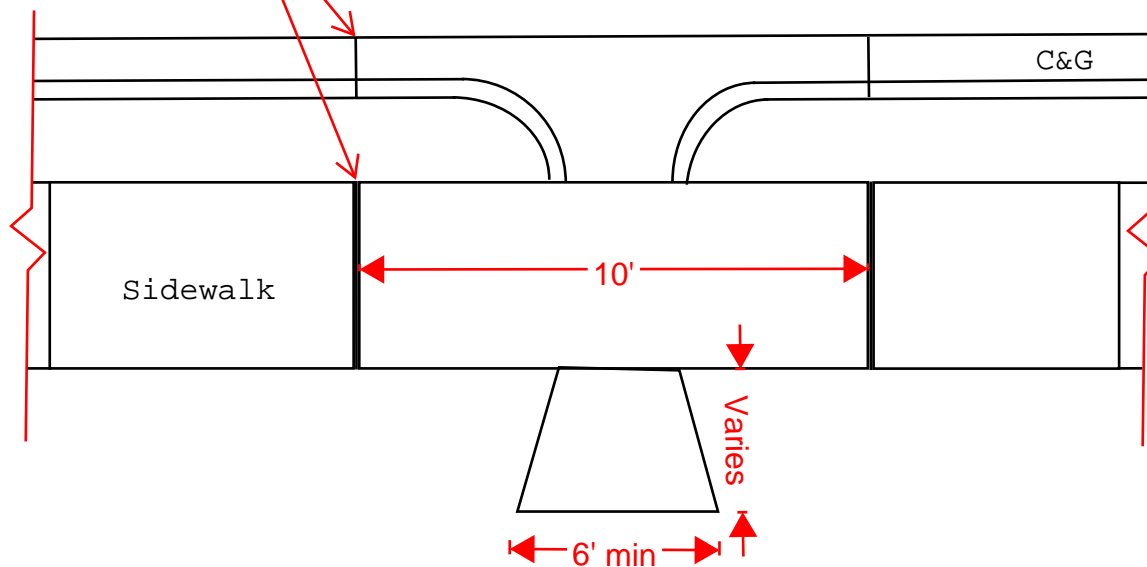
SHERWOOD OFFICES ➤ TULSA, OK OKLAHOMA CITY, OK WICHITA, KS | **AN EQUAL OPPORTUNITY EMPLOYER**





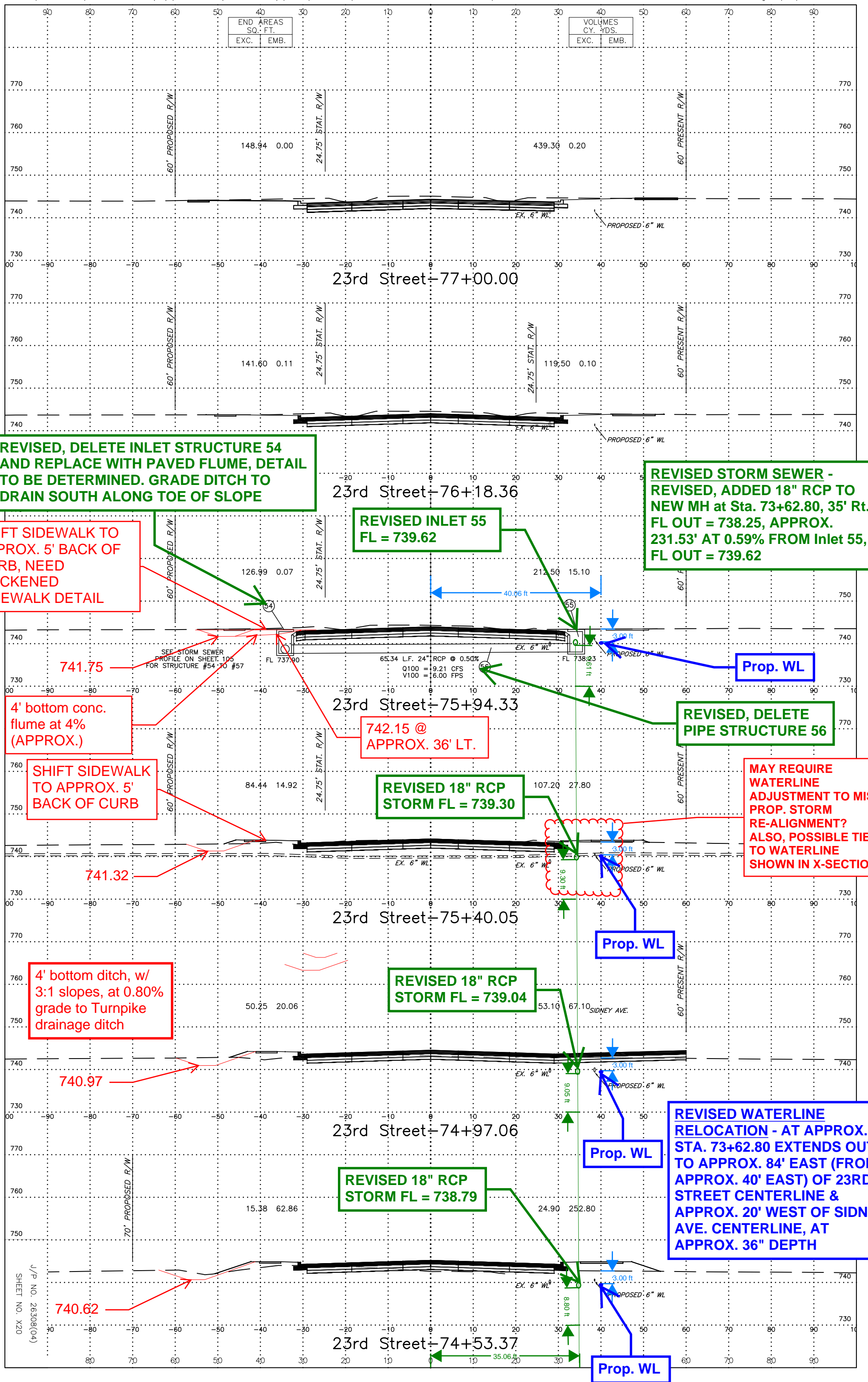
Expansion Joint Typ

Concrete Shall be Class BA1 (3500psi) or approved alternative.



Project Name:
Project Location:
Page Subject:
Sheet Number:

Sidewalk Flume Crossing Scale: NTS
Drawn By: TSR
Date: TSR
Revision: _____



Contract ID 220207**Oklahoma Department of Transportation**

Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. STP-172N(455)IG Date 12/22/2023County Tulsa/Wagoner Contractor Sherwood Construction Co., Inc.Description of Work Special Concrete Flume

1.	Labor Total (Refer to Attachment A)				\$	2,550.00
	a) Labor Overhead and Profit	25%	%		\$	637.50

2.	Material Total (Refer to Attachment B)				\$	1,144.50
	a) Material Overhead & Profit	20%	%		\$	228.90

3.	Equipment Total (Refer to Attachment C)				\$	1,700.80
	a) Equipment Additional Administrative Costs & Profit	20%	%		\$	340.16

4.	a) Bonds	1%	%		\$	53.95
	b) Property Damages & Liability Insurance	\$ 104.76	Rate/\$1,000 of Payroll		\$	267.14
	c) Workers Compensation	\$ 10.22	Rate/\$100 of Payroll		\$	260.61
	d) Unemployment Insurance Contribution	3.8%	%		\$	96.90
	e) Social Security Taxes	7.65%	%		\$	195.08
	f) Employee Fringe Benefits	20%	%		\$	510.00

5.	Subcontracted Work Total					
	a) Prime Contractor Overhead on Subcontracted Work	10%	%		\$	-

6.	Work of a Non-Highway Construction Nature				\$	-
	a) Prime Contractor Overhead on Subcontracted Work	10%	%		\$	-

7.	Total Cost of Work				\$	7,985.54
	a) Unit Price	\$ 7,985.54	Quantity	1.00 Units	EA	

Attachment A - Labor Total

Contract ID: 220207

Description: Special Concrete Flume

[illegible]

Attachment B - Material Total

Contract ID: 220207

Description: Special Concrete Flume

[illegible]

Attachment C - Equipment Total

Contract ID: 220207

Description: Special Concrete Flume

[illegible]

Rental Rate Blue Book®

May 4, 2023

Miscellaneous 4X4 3/4 165 CREW GAS

On-Highway Light Duty Trucks

Size Class:
100 - 199 hp
Weight:
5500 lbs



Configuration for 4X4 3/4 165 CREW GAS

Axle Configuration	4X4	Cab Type		Crew
Horsepower	165.0	Power Mode		Gasoline
Ton Rating	3/4			

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 \$810.00	USD \$225.00	USD \$56.00	USD \$8.00	USD \$13.69	USD \$18.29
Adjustments						
Region (Oklahoma: 97.2%)	(USD \$22.68)	(USD \$6.30)	(USD \$1.57)	(USD \$0.22)		
Model Year (2022: 99.97%)	(USD \$0.21)	(USD \$0.06)	(USD \$0.01)	(USD \$0.00)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$787.11	USD \$218.64	USD \$54.42	USD \$7.77	USD \$13.69	USD \$18.16

Non-Active Use Rates

	Hourly
Standby Rate	USD \$2.24
Idling Rate	USD \$15.30

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	USD \$453.60/mo
Overhaul (ownership)	22%	USD \$178.20/mo
CFC (ownership)	9%	USD \$72.90/mo
Indirect (ownership)	13%	USD \$105.30/mo
Fuel (operating) @ USD 3.46	79%	USD \$10.83/hr

Revised Date: 2nd quarter 2023

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 ROD ABBOTT (sherwoodestimator@sherwood.net)

Rental Rate Blue Book®

August 31, 2023

Caterpillar 314D LCR (disc. 2013)

Crawler Mounted Hydraulic Excavators



Size Class:

12.5 - 14.4 mt

Weight:

31085 lbs
Configuration for 314D LCR (disc. 2013)

Operating Weight **14.1 mt** 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 \$9,875.00	USD \$2,765.00	USD \$690.00	USD \$105.00	USD \$39.44	USD \$95.55
Adjustments						
Region (Oklahoma: 96%)	(USD \$395.00)	(USD \$110.60)	(USD \$27.60)	(USD \$4.20)		
Model Year (2011: 99.17%)	(USD \$78.86)	(USD \$22.08)	(USD \$5.51)	(USD \$0.84)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$9,401.14	USD \$2,632.32	USD \$656.89	USD \$99.96	USD \$39.44	USD \$92.86

Non-Active Use Rates

	Hourly
Standby Rate	USD \$26.71
Idling Rate	USD \$61.23

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	33%	USD \$3,258.75/mo
Overhaul (ownership)	44%	USD \$4,345.00/mo
CFC (ownership)	14%	USD \$1,382.50/mo
Indirect (ownership)	10%	USD \$987.50/mo
Fuel (operating) @ USD 3.88	19.8%	USD \$7.81/hr

Revised Date: 3rd quarter 2023

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.

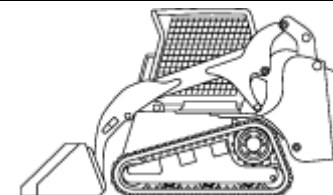
The equipment represented in this report has been exclusively prepared for ROD ABBOTT
(sherwoodestimator@sherwood.net)

Rental Rate Blue Book®

May 4, 2023

Caterpillar 289D3
Compact Track Loaders

Size Class:
2501 - 2850 lbs
Weight:
N/A



Configuration for 289D3

Operator Protection

ROPS/FOPS

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 \$9,210.00	USD \$2,580.00	USD \$645.00	USD \$97.00	USD \$31.53	USD \$83.86
Adjustments						
Region (Oklahoma: 96.1%)	(USD \$359.19)	(USD \$100.62)	(USD \$25.16)	(USD \$3.78)		
Model Year (2022: 99.97%)	(USD \$2.66)	(USD \$0.74)	(USD \$0.19)	(USD \$0.03)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$8,848.15	USD \$2,478.64	USD \$619.66	USD \$93.19	USD \$31.53	USD \$81.80

Non-Active Use Rates

	Hourly
Standby Rate	USD \$25.14
Idling Rate	USD \$61.73

Rate Element Allocation

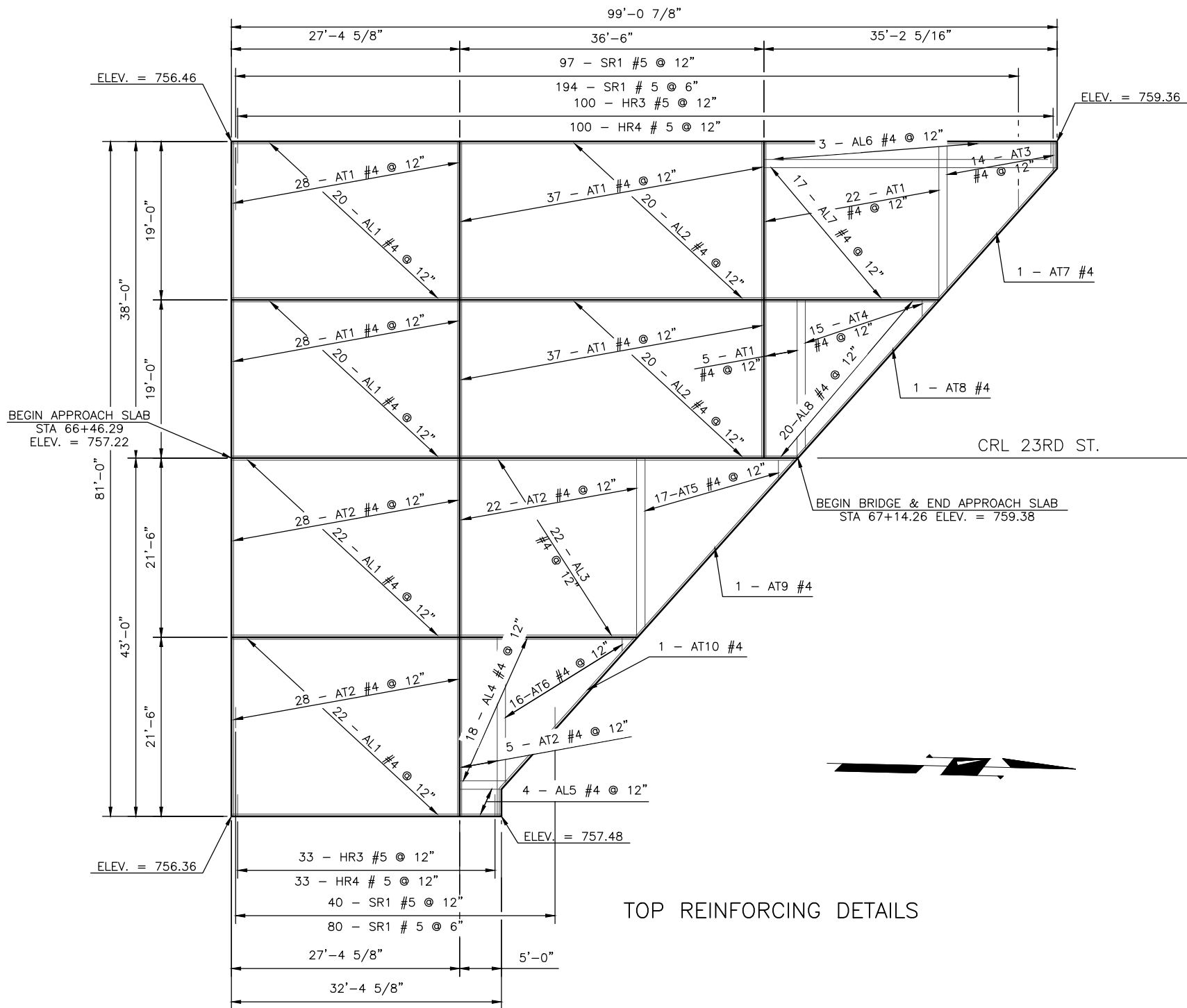
Element	Percentage	Value
Depreciation (ownership)	20%	USD \$1,842.00/mo
Overhaul (ownership)	53%	USD \$4,881.30/mo
CFC (ownership)	11%	USD \$1,013.10/mo
Indirect (ownership)	16%	USD \$1,473.60/mo
Fuel (operating) @ USD 4.25	36%	USD \$11.46/hr

Revised Date: 2nd quarter 2023

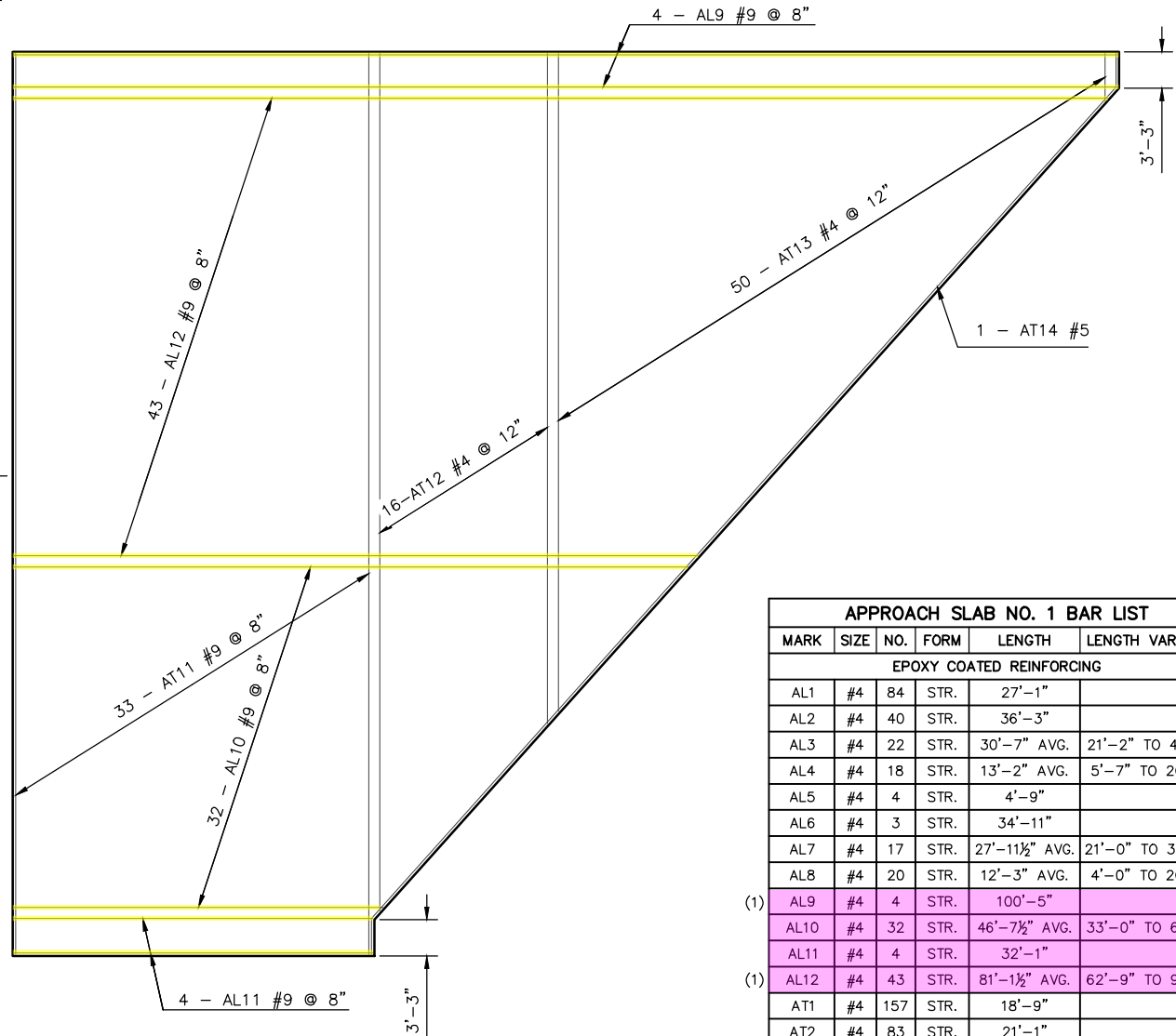
These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

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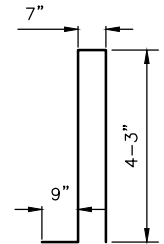
MEHLBURGER BRAWLEY TULSA (BROKEN ARROW (BA)\BA-09-01 (23RD STREET)\CADD\DRAWINGS\BRIDGE PLANS\B028-1283 APPROACH SLAB NO. 1 DETAILS.DWG) 4/26/2022



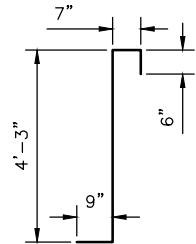
TOP REINFORCING DETAILS



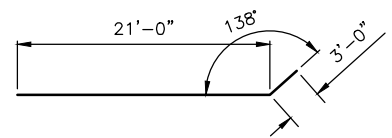
BOTTOM REINFORCING DETAILS



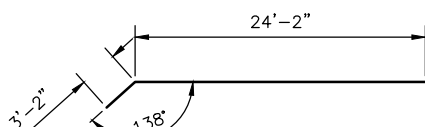
HR3 #5 x 9'-10"



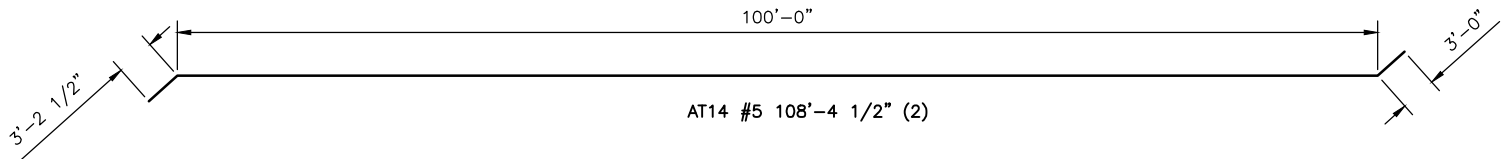
HR4 #5 x 6'-1"



AT7 #4 24'-0"



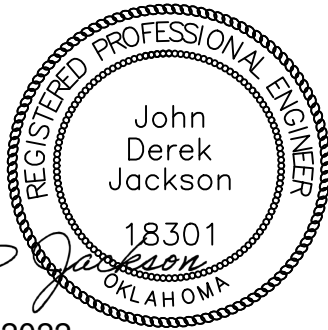
AT10 #4 27'-4"



AT14 #5 108'-4 1/2" (2)

APPROACH SLAB NO. 1 BAR LIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
AL1	#4	84	STR.	27'-1"	
AL2	#4	40	STR.	36'-3"	
AL3	#4	22	STR.	30'-7" AVG.	21'-2" TO 40'-0"
AL4	#4	18	STR.	13'-2" AVG.	5'-7" TO 20'-9"
AL5	#4	4	STR.	4'-9"	
AL6	#4	3	STR.	34'-11"	
AL7	#4	17	STR.	27'-11 1/2" AVG.	21'-0" TO 34'-11"
AL8	#4	20	STR.	12'-3" AVG.	4'-0" TO 20'-6"
(1) AL9	#4	4	STR.	100'-5"	
AL10	#4	32	STR.	46'-7 1/2" AVG.	33'-0" TO 60'-3"
AL11	#4	4	STR.	32'-1"	
(1) AL12	#4	43	STR.	81'-1 1/2" AVG.	62'-9" TO 99'-6"
AT1	#4	157	STR.	18'-9"	
AT2	#4	83	STR.	21'-1"	
AT3	#4	14	STR.	10'-6" AVG.	3'-5" TO 17'-7"
AT4	#4	15	STR.	9'-8 1/2" AVG.	1'-10" TO 17'-7"
AT5	#4	17	STR.	11'-1" AVG.	2'-1" TO 20'-1"
AT6	#4	16	STR.	9'-3 1/2" AVG.	1'-7" TO 17'-0"
AT7	#4	1	BNT.	24'-0"	
AT8	#4	1	STR.	25'-0"	
AT9	#4	1	STR.	28'-5"	
AT10	#4	1	BNT.	27'-4"	
(1) AT11	#4	33	STR.	82'-5"	
AT12	#4	16	STR.	68'-4 1/2" AVG.	60'-0" TO 76'-9"
AT13	#4	50	STR.	31'-6" AVG.	4'-3" TO 58'-9"
(2) AT14	#5	1	BNT.	108'-4 1/2"	
HR3	#5	133	BNT.	9'-10"	
HR4	#5	133	BNT.	6'-1"	
SR1	#5	411	BNT.	4'-1"	

(1) INCLUDES 1 - 1'-8" LAP
(2) INCLUDES 1 - 2'-2" LAP

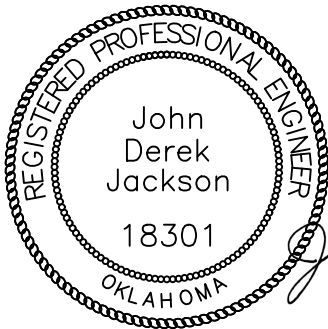
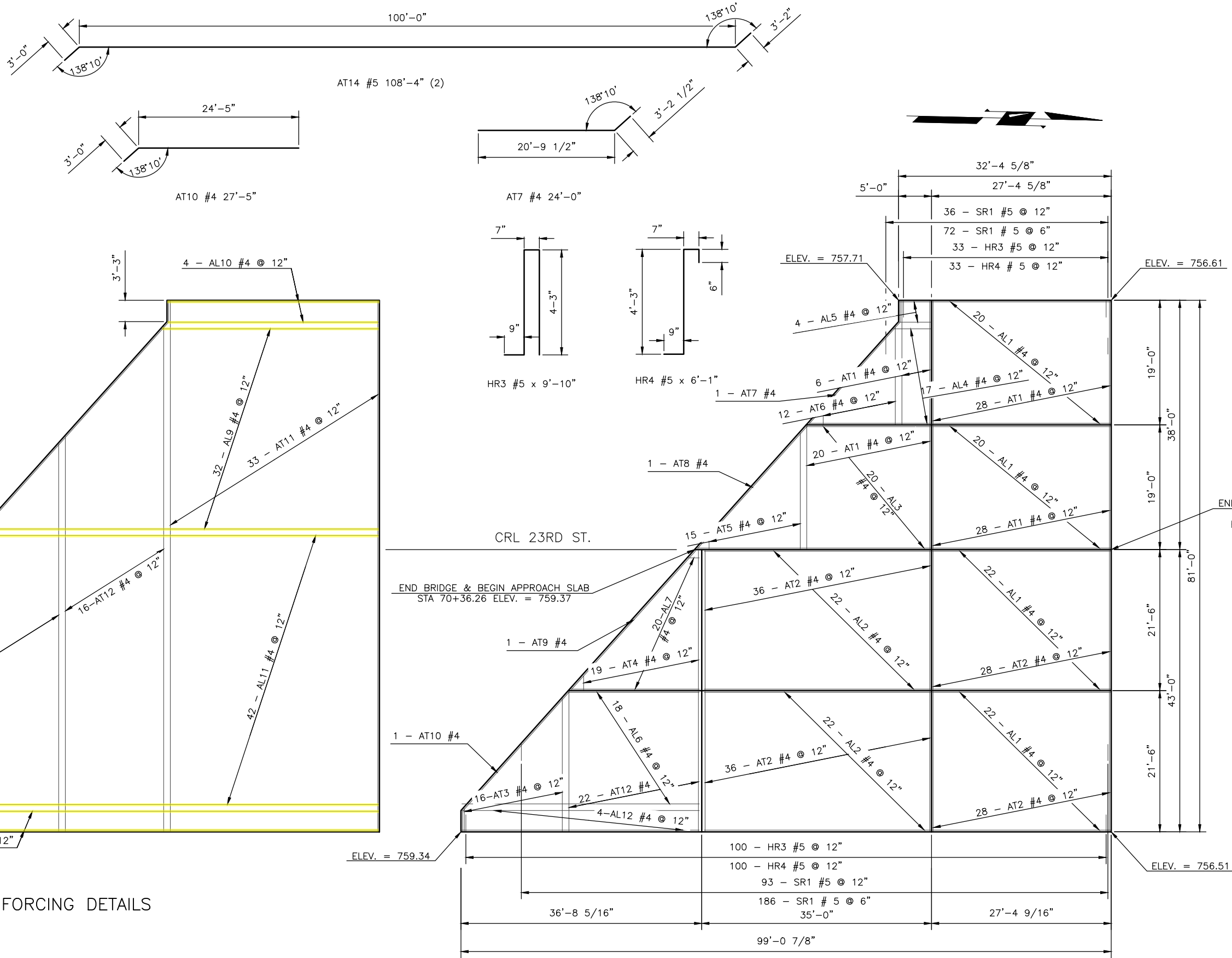


23RD STREET CITY OF BROKEN ARROW
Bridge A - 23rd St. Over B.A. Expressway

APPROACH SLAB NO. 1 DETAILS

APPROACH SLAB NO. 2 BAR LIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
EPOXY COATED REINFORCING					
AL1	#4	84	STR.	27'-1"	
AL2	#4	44	STR.	34'-9"	
AL3	#4	20	STR.	27'-2" AVG.	18'-11" - 35'-5"
AL4	#4	17	STR.	12'-0" AVG.	5'-7" - 18'-5"
AL5	#4	4	STR.	4'-8"	
AL6	#4	18	STR.	28'-2" AVG.	19'-11" - 36'-5"
AL7	#4	20	STR.	10'-6½" AVG.	1'-7" - 19'-6"
AL8	#4	4	STR.	98'-9"	
AL9	#4	32	STR.	46'-6" AVG.	33'-0" - 60'-0"
AL10	#4	4	STR.	32'-1"	
AL11	#4	42	STR.	81'-2" AVG.	62'-10" - 99'-6"
AL12	#4	4	STR.	36'-5"	
AT1	#4	82	STR.	18'-8"	
AT2	#4	150	STR.	21'-2"	
AT3	#4	16	STR.	11'-8½" AVG.	3'-4" - 20'-1"
AT4	#4	19	STR.	11'-7½" AVG.	2'-1" - 21'-2"
AT5	#4	15	STR.	9'-10" AVG.	2'-1" - 17'-7"
AT6	#4	12	STR.	8'-7½" AVG.	2'-6" - 14'-9"
AT7	#4	1	BNT.	24'-0"	
AT8	#4	1	STR.	25'-0"	
AT9	#4	1	STR.	28'-4"	
AT10	#4	1	BNT.	27'-5"	
AT11	#4	33	STR.	82'-4"	
AT12	#4	16	STR.	70'-0½" AVG.	61'-8" - 78'-5"
AT13	#4	50	STR.	31'-6½" AVG.	4'-2" - 58'-11"
AT14	#5	1	STR.	108'-4"	
HR3	#5	133	BNT.	9'-10"	
HR4	#5	133	BNT.	6'-1"	
SR1	#5	387	BNT.	6'-1"	

(1) INCLUDES 1 - 1'-8" LAP
(2) INCLUDES 1 - 2'-2" LAP



BOTTOM REINFORCING DETAILS

TOP REINFORCING DETAILS

Approach Rebar Calculations

#	Bar	# of Bars	Plan Bar Size	As-Built Bar Size	Bar Length (ft)	Plan Bar Weight (lb/ft)	As-Built Bar Weight (lb/ft)	Total Plan Weight	Total As-Built Weight	Weight Difference	Page
1	AL9	4	#4	#9	100.417	0.688	3.4	276.3466667	1365.666667	1089.32	B028
2	AL10	32	#4	#9	46.625	0.688	3.4	1026.496	5072.8	4046.30	B028
3	AL11	4	#4	#9	32.083	0.688	3.4	88.29333333	436.3333333	348.04	B028
4	AL12	43	#4	#9	81.125	0.688	3.4	2400.002	11860.475	9460.47	B028
5	AL8	4	#4	#9	98.750	0.688	3.4	271.76	1343	1071.24	B029
6	AL9	32	#4	#9	46.500	0.688	3.4	1023.744	5059.2	4035.46	B029
7	AL10	4	#4	#9	32.083	0.688	3.4	88.29333333	436.3333333	348.04	B029
8	AL11	42	#4	#9	81.167	0.688	3.4	2345.392	11590.6	9245.21	B029
									Total	29,644.08	

*Will pay delivered quantity - 29,016 lbs

Bobby Williams

From: Chris Kinnamon <Chris.Kinnamon@sherwood.net>
Sent: Monday, September 25, 2023 1:24 PM
To: Bobby Williams
Cc: Chris Vincent; Dylan Ingram; Todd Enlow
Subject: (455)IG - Approach Slab Rebar
Attachments: ABC Coating Approach 2 - Copy.pdf; ABC Coating Approach 1 - Copy.pdf

Bobby,

The totals for the approach slab reinforcement are below. Attached are the certifications for these.

	Delivered	Plan Table	Overrun
Approach 1	34,062 LBS	19,357 LBS	14,705 LBS
Approach 2	33,616 LBS	19,305 LBS	14,311 LBS
TOTAL	67,678 LBS	38,662 LBS	20,016 LBS

Typo: Correct QTY - 29,016 lbs

Due to the Reinforcing Steel being subsidiary to the Approach Slab, we are requesting an increase to the Epoxy Coated Reinforcing Steel item of 20,016 LBS.

Please review this information and let us know if you have any questions.

Chris Kinnamon *Vice President*



Tulsa Office 1640 S 101st E Ave, Tulsa OK 74128

OKC Office 1120 E Reno Ave. OKC, OK 73117

O 918-266-6861 | F 918-266-6482

www.sherwoodcompanies.com



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