



**Missouri Department of Transportation
Contractor's Pay Estimate Summary**

Report Generated on June 6, 2023

Pay Estimate Created Date: June 2, 2023

Progress Estimate Number 10	Contract ID 221021-F04 Prime Contractor Reinhold Electric, Inc.	Pay Period Start May 16, 2023 Pay Period End June 1, 2023	Original Contract Amount \$1,387,725.00 Net Change Order Amount \$78,660.00 Current Contract Amount \$1,466,385.00
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Approval Date		By User
June 2, 2023	Generated and Approved (and should be considered Draft) at the Project Office Level by	norton1
June 2, 2023	Reviewed and Approved (and should be considered Draft) at the Resident Engineer Level by	HELLET
June 5, 2023	Reviewed and Approved at the Central Office Controllers Office Level by	ramses1

Original Completion Date	Current Completion Date	Actual Completion Date	% of Current Contract Amount Complete
December 31, 2023	December 31, 2023		22.85%

Contract Informational Dates			Milestones
Date Description	Original Completion Date	Current Completion Date	No Milestones Exist for Contract
Acceptance Date			
Awarded Date	November 2, 2022	November 2, 2022	
Letting Date	October 21, 2022	October 21, 2022	
Notice to Proceed Date	January 2, 2023	January 2, 2023	
Open to Traffic Date			
Work Began Date			

Contract Total Pay For Estimate No. 10			
	This Estimate	Previous	To Date
221021-F04			
Total Posted Items Pay	\$46,442.00	\$288,557.00	\$334,999.00
Gross Item Adjustments	\$1,880.00	(\$2,130.00)	(\$250.00)
Incentive	\$0.00	\$0.00	\$0.00
Disincentive	\$0.00	\$0.00	\$0.00
Liquidated Damage	\$0.00	\$0.00	\$0.00
Other Contract Adjustments	\$0.00	\$89.24	\$89.24
Contract Total Payable This Estimate:	\$48,322.00	\$286,516.24	\$334,838.24

Items Paid This Estimate Period

Project Number	Line Number	Item Code	Item Description	Unit	Unit Price	Current Installed Qty	Current Installed Amount
J6Q3386E	0010	6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	EA	\$1,800.000	1	\$1,800.00
	0130	9103700	CCTV CAMERA ASSEMBLY, INSTALLED	EA	\$800.000	3	\$2,400.00
	0200	9109902	MISC.ADVANCED DIAGNOSTICS	EA	\$180.000	14	\$2,520.00
	0500	9109902	MISC.INSTALL WIRELESS ETHERNET BRIDGE COMMUNICATION EQUIPMENT	EA	\$1,050.000	1	\$1,050.00
	0540	9109902	MISC.PAD-MOUNTED POWER SUPPLY, 120V ITS	EA	\$4,900.000	1	\$4,900.00
	0590	9109902	MISC.REMOVE CCTV CAMERA & ASSEMBLY	EA	\$380.000	3	\$1,140.00
	0740	9109902	MISC.REMOVE WIRELESS COMMUNICATION EQUIPMENT	EA	\$250.000	1	\$250.00
	0780	9109902	MISC.TROUBLESHOOTING	EA	\$240.000	2	\$480.00
	0940	9109903	MISC.F&I CABLE IN CONDUIT: CAT5E OUTDOOR RATED CABLE	LF	\$2.000	633	\$1,266.00
	1020	9109902	MISC.PM CCTV CAMERA, ASSEMBLY, POLE, & FIELD CABINET	EA	\$390.000	73	\$28,470.00
	1030	9109902	MISC.PM COMMUNICATION LINK AND ASSEMBLY	EA	\$149.000	4	\$596.00
	1070	9109902	MISC.PM NON-INTRUSIVE VEHICLE DETECTOR STATIONS (MICROWAVE)	EA	\$310.000	1	\$310.00
1080	9109902	MISC.PM SOLAR POWER SYSTEM	EA	\$210.000	6	\$1,260.00	

Project J6Q3386E - Total	\$46,442.00
Overall - Total	\$46,442.00

Contract Adjustments This Estimate

No Contract Adjustments Exist on Contract



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Line Item Adjustments This Estimate

Project Number	Line No.	Item Description	Adjustment Type	Other Item Adjustment Type	Comments	Adjustment Quantity	Line Item Adjustment Unit Price	Adjustment amount
J6Q3386E	0580	MISC.	Overrun		Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',750.00000 - 750.00000, 'is applied (if non-zero).	1	\$750.00	\$750.00
	0670	MISC.	Overrun		Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',940.00000 - 940.00000, 'is applied (if non-zero).	1	\$940.00	\$940.00
	0740	MISC.	Overrun			-1	\$250.00	(\$250.00)
	1110	MISC.	Overrun		Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',440.00000 - 440.00000, 'is applied (if non-zero).	1	\$440.00	\$440.00
Total								\$1,880.00



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Project Details**

Report Generated on June 6, 2023

Contract Project Information

Project Number	Federal Proj. Number	Project Description	Route	County	Location of Work
J6Q3386E	FAS S502(98)	ITS improvements	Various	ST LOUIS	throughout the St. Louis District

Totals by Job Numbers

Job Number	Totals by Job Numbers			
	This Estimate	Previous	To Date	
J6Q3386E	Posted Item Pay	\$46,442.00	\$288,557.00	\$334,999.00
	Gross Item Adjustments	\$1,880.00	(\$2,130.00)	(\$250.00)
	Gross Item Pay	\$48,322.00	\$286,427.00	\$334,749.00
	Incentive	\$0.00	\$0.00	\$0.00
	Disincentive	\$0.00	\$0.00	\$0.00
	Liquidated Damages	\$0.00	\$0.00	\$0.00
	Other Contract Adjustments	\$0.00	\$89.24	\$89.24



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Exceptions**

Report Generated on June 6, 2023

Exceptions (Discrepancies) This Estimate Period

Exceptions / Discrepancies	Explanation	Entered By	Status
Estimate Exception Type: Item Overrun: Contract 221021-F04, Contract Project J6Q3386E, Project Item Line Number 0740, Contract Line Item Number 0740, Item 9109902, Minor Item.	A change order will be forth coming to correct this quantity.	norton1	Acknowledged



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Contract Line Items and Total Paid for All Estimates**

Report Generated on June 6, 2023

Total Paid / All Items / All Estimates (Including this Estimate)

Note: Posted Quantities and Values are based on Report Generated date and can differ from the posted amount at the time the Estimate was Generated.

Contract Nm.CONTRACT	Project No.	Category	Line No.	Item Code	Description	Bid Quantity	Net Change Order	Total Current Quantity	Unit	Total Posted Approved Qty	Unit Price	Total Value POSTED To Date (See report generated date)
221021-F04	J6Q3386E	0001	0010	6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	3.00	0.00	3.00	EA	3.00	\$1,800.00	\$5,400.00
		0001	0020	6169901	MISC.TEMPORARY TRAFFIC CONTROL (LUMP SUM)	1.00	0.00	1.00	LS	0.00	\$18,000.00	\$0.00
		0001	0030	6169902	MISC.NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN (CONTRACTOR FURNISHED & RETAINED)	3.00	0.00	3.00	EA	0.00	\$500.00	\$0.00
		0001	0040	6181000	MOBILIZATION	1.00	0.00	1.00	LS	0.00	\$38,000.00	\$0.00
		0050	0050	9028308	CABLE, 16 AWG 2 CONDUCTOR	500.00	0.00	500.00	LF	0.00	\$2.00	\$0.00
		0050	0060	9028309	CABLE, 16 AWG 3 CONDUCTOR	500.00	0.00	500.00	LF	0.00	\$2.00	\$0.00
		0050	0070	9028310	CABLE, 16 AWG 5 CONDUCTOR	500.00	0.00	500.00	LF	0.00	\$2.00	\$0.00
		0050	0080	9029902	MISC.INSTALL AND CONFIGURE AUDIBLE PEDESTRIAN SYSTEM	10.00	0.00	10.00	EA	0.00	\$980.00	\$0.00
		0050	0090	9029902	MISC.INSTALL AND CONFIGURE VIDEO DETECTION CAMERA	10.00	30.00	40.00	EA	4.00	\$640.00	\$2,560.00
		0050	0100	9029902	MISC.REMOVAL OF AUDIBLE PEDESTRIAN SYSTEM	10.00	0.00	10.00	EA	0.00	\$80.00	\$0.00
		0050	0110	9029902	MISC.REMOVAL OF VIDEO DETECTION CAMERA	40.00	0.00	40.00	EA	4.00	\$350.00	\$1,400.00
		0050	0120	9029903	MISC.CABLE, 18 AWG 4 CONDUCTOR	500.00	0.00	500.00	LF	0.00	\$2.25	\$0.00
		0050	0130	9103700	CCTV CAMERA ASSEMBLY, INSTALLED	30.00	0.00	30.00	EA	16.00	\$800.00	\$12,800.00
		0050	0140	9105200	CONDUIT, 2 IN., RIGID, IN TRENCH	250.00	0.00	250.00	LF	50.00	\$12.00	\$600.00
		0050	0150	9105201	CONDUIT, 3 IN., RIGID, IN TRENCH	100.00	0.00	100.00	LF	0.00	\$14.00	\$0.00
		0050	0160	9105202	CONDUIT, 4 IN., RIGID, IN TRENCH	100.00	0.00	100.00	LF	0.00	\$15.00	\$0.00
		0050	0170	9107201	CONDUIT, 3 IN., RIGID, PUSHED	50.00	0.00	50.00	LF	0.00	\$24.00	\$0.00
		0050	0180	9107202	CONDUIT, 4 IN., RIGID, PUSHED	50.00	0.00	50.00	LF	0.00	\$33.00	\$0.00
		0050	0190	9108352	FIBER OPTIC CABLE, 24-STRAND, 18 SINGLE MODE, 6 MULTIMODE	500.00	0.00	500.00	LF	0.00	\$3.50	\$0.00
		0050	0200	9109902	MISC.ADVANCED DIAGNOSTICS	200.00	250.00	450.00	EA	190.00	\$180.00	\$34,200.00
		0050	0210	9109902	MISC.F&I CAMERA POLE (60FT) AND LOWERING SYSTEM	1.00	0.00	1.00	EA	0.00	\$68,000.00	\$0.00
		0050	0220	9109902	MISC.F&I FIBER OPTIC FUSION SPLICE, MULTI MODE	50.00	0.00	50.00	EA	0.00	\$30.00	\$0.00
		0050	0230	9109902	MISC.F&I FIBER OPTIC FUSION SPLICE, SINGLE MODE	1,250.00	0.00	1,250.00	EA	138.00	\$14.00	\$1,932.00
		0050	0240	9109902	MISC.F&I ITS PULLBOX CLASS 1	2.00	0.00	2.00	EA	0.00	\$1,740.00	\$0.00
		0050	0250	9109902	MISC.F&I ITS PULLBOX CLASS 2 WITH CONCRETE PAD	2.00	0.00	2.00	EA	0.00	\$2,000.00	\$0.00
		0050	0260	9109902	MISC.F&I ITS PULLBOX CLASS 5 WITH CONCRETE PAD	2.00	0.00	2.00	EA	1.00	\$2,200.00	\$2,200.00
		0050	0270	9109902	MISC.F&I NON-INTRUSIVE VEHICLE DETECTOR POLE	5.00	0.00	5.00	EA	0.00	\$1,800.00	\$0.00
		0050	0280	9109902	MISC.F&I TYPE 1 ITS CABINET	1.00	0.00	1.00	EA	0.00	\$14,000.00	\$0.00
		0050	0290	9109902	MISC.F&I TYPE 2 ITS CABINET	1.00	0.00	1.00	EA	0.00	\$6,800.00	\$0.00
		0050	0300	9109902	MISC.F&I TYPE 5 ITS CABINET	1.00	0.00	1.00	EA	0.00	\$2,400.00	\$0.00
		0050	0310	9109902	MISC.F&I TYPE 7 ITS CABINET	1.00	0.00	1.00	EA	1.00	\$4,400.00	\$4,400.00
		0050	0320	9109902	MISC.FIBER OPTIC SPLICE ENCLOSURE	6.00	0.00	6.00	EA	1.00	\$900.00	\$900.00
		0050	0330	9109902	MISC.FIBER OPTIC TERMINATION	150.00	0.00	150.00	EA	8.00	\$30.00	\$240.00
		0050	0340	9109902	MISC.INSTALL IN-PAVEMENT WIRELESS SENSORS	50.00	0.00	50.00	EA	0.00	\$50.00	\$0.00
		0050	0350	9109902	MISC.INSTALL NON-INTRUSIVE ACCESS POINT & ASSEMBLY	5.00	0.00	5.00	EA	0.00	\$320.00	\$0.00
		0050	0360	9109902	MISC.INSTALL NON-INTRUSIVE VEHICLE DETECTOR ASSEMBLY	15.00	0.00	15.00	EA	3.00	\$579.00	\$1,737.00
		0050	0370	9109902	MISC.INSTALL NON-INTRUSIVE WIRELESS REPEATER	5.00	0.00	5.00	EA	0.00	\$230.00	\$0.00
		0050	0380	9109902	MISC.INSTALL SALVAGED CAMERA POLE	1.00	0.00	1.00	EA	1.00	\$1,280.00	\$1,280.00
		0050	0390	9109902	MISC.INSTALL SALVAGED FIELD CABINET (DUAL)	1.00	0.00	1.00	EA	0.00	\$600.00	\$0.00
		0050	0400	9109902	MISC.INSTALL SALVAGED FIELD CABINET (SINGLE)	10.00	0.00	10.00	EA	0.00	\$650.00	\$0.00
		0050	0410	9109902	MISC.INSTALL SALVAGED NON-INTRUSIVE VEHICLE DETECTOR POLE	10.00	0.00	10.00	EA	0.00	\$1,000.00	\$0.00
		0050	0420	9109902	MISC.INSTALL SOLAR POWER SYSTEM	1.00	0.00	1.00	EA	0.00	\$5,500.00	\$0.00
		0050	0430	9109902	MISC.INSTALL SPREAD SPECTRUM WIRELESS COMMUNICATION EQUIPMENT	2.00	0.00	2.00	EA	0.00	\$140.00	\$0.00
		0050	0440	9109902	MISC.INSTALL UPS AUTOMATIC GENERATOR SWITCH	10.00	0.00	10.00	EA	0.00	\$140.00	\$0.00



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Contract Line Items and Total Paid for All Estimates**

Report Generated on June 6, 2023

Total Paid / All Items / All Estimates (Including this Estimate)

Note: Posted Quantities and Values are based on Report Generated date and can differ from the posted amount at the time the Estimate was Generated.

Contract Nm.CONTRACT	Project No.	Category	Line No.	Item Code	Description	Bid Quantity	Net Change Order	Total Current Quantity	Unit	Total Posted Approved Qty	Unit Price	Total Value POSTED To Date (See report generated date)
221021-F04	J6Q3386E	0050	0450	9109902	MISC.INSTALL UPS AUTOMATIC TRANSFER SWITCH	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0460	9109902	MISC.INSTALL UPS BATTERY	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0470	9109902	MISC.INSTALL UPS BATTERY MONITOR	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0480	9109902	MISC.INSTALL UPS POWER INVERTER	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0490	9109902	MISC.INSTALL UPS SYSTEM ASSEMBLY	10.00	0.00	10.00	EA	0.00	\$740.00	\$0.00
		0050	0500	9109902	MISC.INSTALL WIRELESS ETHERNET BRIDGE COMMUNICATION EQUIPMENT	5.00	7.00	12.00	EA	11.00	\$1,050.00	\$11,550.00
		0050	0510	9109902	MISC.ITS PULL BOX LID REPLACEMENT (32-INCH DIAMETER)	5.00	0.00	5.00	EA	1.00	\$750.00	\$750.00
		0050	0520	9109902	MISC.ITS PULL BOX LID REPLACEMENT (40.5 INCH DIAMETER)	5.00	0.00	5.00	EA	0.00	\$750.00	\$0.00
		0050	0530	9109902	MISC.MODOT BURIED CABLE DRIVABLE DELINEATOR POST	30.00	0.00	30.00	EA	0.00	\$110.00	\$0.00
		0050	0540	9109902	MISC.PAD-MOUNTED POWER SUPPLY, 120V ITS	2.00	0.00	2.00	EA	2.00	\$4,900.00	\$9,800.00
		0050	0550	9109902	MISC.PEDESTAL BASE FOR SENSYS REPEATER POLE	1.00	0.00	1.00	EA	0.00	\$900.00	\$0.00
		0050	0560	9109902	MISC.RACK MOUNTED INTERCONNECT CENTER	5.00	0.00	5.00	EA	1.00	\$900.00	\$900.00
		0050	0570	9109902	MISC.REMOVE AND REPLACE UPS BATTERY	116.00	0.00	116.00	EA	0.00	\$120.00	\$0.00
		0050	0580	9109902	MISC.REMOVE CAMERA POLE	1.00	2.00	3.00	EA	2.00	\$750.00	\$1,500.00
		0050	0590	9109902	MISC.REMOVE CCTV CAMERA & ASSEMBLY	30.00	0.00	30.00	EA	16.00	\$380.00	\$6,080.00
		0050	0600	9109902	MISC.REMOVE COMMUNICATION FIELD CABINET (DOUBLE CABINET)	1.00	0.00	1.00	EA	0.00	\$680.00	\$0.00
		0050	0610	9109902	MISC.REMOVE COMMUNICATION NODE FIELD CABINET (SINGLE CABINET)	1.00	0.00	1.00	EA	0.00	\$380.00	\$0.00
		0050	0620	9109902	MISC.REMOVE IN-PAVEMENT WIRELESS SENSORS	50.00	0.00	50.00	EA	0.00	\$10.00	\$0.00
		0050	0630	9109902	MISC.REMOVE NON-INTRUSIVE ACCESS POINT & ASSEMBLY	5.00	0.00	5.00	EA	0.00	\$125.00	\$0.00
		0050	0640	9109902	MISC.REMOVE NON-INTRUSIVE VEHICLE DETECTOR ASSEMBLY	15.00	0.00	15.00	EA	3.00	\$240.00	\$720.00
		0050	0650	9109902	MISC.REMOVE NON-INTRUSIVE VEHICLE DETECTOR POLE	10.00	0.00	10.00	EA	0.00	\$400.00	\$0.00
		0050	0660	9109902	MISC.REMOVE NON-INTRUSIVE WIRELESS REPEATER	5.00	0.00	5.00	EA	0.00	\$120.00	\$0.00
		0050	0670	9109902	MISC.REMOVE SOLAR POWER SYSTEM	1.00	2.00	3.00	EA	2.00	\$940.00	\$1,880.00
		0050	0680	9109902	MISC.REMOVE UPS AUTOMATIC GENERATOR SWITCH	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0690	9109902	MISC.REMOVE UPS AUTOMATIC TRANSFER SWITCH	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0700	9109902	MISC.REMOVE UPS BATTERY	10.00	0.00	10.00	EA	0.00	\$120.00	\$0.00
		0050	0710	9109902	MISC.REMOVE UPS BATTERY MONITOR	1.00	0.00	1.00	EA	0.00	\$120.00	\$0.00
		0050	0720	9109902	MISC.REMOVE UPS POWER INVERTER	1.00	0.00	1.00	EA	0.00	\$120.00	\$0.00
		0050	0730	9109902	MISC.REMOVE UPS SYSTEM ASSEMBLY	10.00	0.00	10.00	EA	0.00	\$300.00	\$0.00
		0050	0740	9109902	MISC.REMOVE WIRELESS COMMUNICATION EQUIPMENT	2.00	10.00	12.00	EA	13.00	\$250.00	\$3,250.00
		0050	0750	9109902	MISC.SENSYS REPEATER POLE BASE ALUMINUM SQUARE	1.00	0.00	1.00	EA	0.00	\$900.00	\$0.00
		0050	0760	9109902	MISC.TB1-17 ALUMINUM BASE FOR RTMS POLE	1.00	0.00	1.00	EA	0.00	\$900.00	\$0.00
		0050	0770	9109902	MISC.TB3-17 ALUMINUM BASE FOR RTMS POLE	1.00	0.00	1.00	EA	0.00	\$980.00	\$0.00
		0050	0780	9109902	MISC.TROUBLESHOOTING	100.00	0.00	100.00	EA	8.00	\$240.00	\$1,920.00
		0050	0790	9109902	MISC.Wall Mounted Interconnect Center	5.00	0.00	5.00	EA	0.00	\$900.00	\$0.00
		0050	0800	9109902	MISC.WRONG WAY ALERT SYSTEMS EQUIPMENT PURCHASE	2.00	0.00	2.00	EA	0.00	\$75,600.00	\$0.00
		0050	0810	9109902	MISC.WRONG WAY ALERT SYSTEMS INSTALLATION	2.00	0.00	2.00	EA	0.00	\$7,000.00	\$0.00
		0050	0820	9109902	MISC.WRONG WAY ALERT SYSTEMS SOFTWARE AND CERTIFICATION BY TAPCO OF NEW INSTALLATION	2.00	0.00	2.00	EA	0.00	\$5,500.00	\$0.00
		0050	0830	9109903	MISC.CONDUIT, 2 IN., RIGID, PUSHED	250.00	0.00	250.00	LF	0.00	\$18.00	\$0.00
		0050	0840	9109903	MISC.CONDUIT, HIGH-DENSITY POLYETHYLENE, 2 IN., IN TRENCH	50.00	0.00	50.00	LF	0.00	\$12.00	\$0.00
0050	0850	9109903	MISC.CONDUIT, HIGH-DENSITY POLYETHYLENE, 2 IN., PUSHED	300.00	0.00	300.00	LF	288.00	\$19.00	\$5,472.00		
0050	0860	9109903	MISC.F&I CABLE IN CONDUIT, #1/0 WIRE, VARIABLE CONDUCTORS	500.00	0.00	500.00	LF	0.00	\$4.40	\$0.00		
0050	0870	9109903	MISC.F&I CABLE IN CONDUIT, #14 WIRE, VARIABLE CONDUCTORS	250.00	0.00	250.00	LF	0.00	\$2.00	\$0.00		
0050	0880	9109903	MISC.F&I CABLE IN CONDUIT, #2 WIRE, VARIABLE CONDUCTORS	100.00	100.00	200.00	LF	130.00	\$3.50	\$455.00		



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Total Paid / All Items / All Estimates (Including this Estimate)

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221021-F04	J6Q3386E	0050	0890	9109903	MISC.F&I CABLE IN CONDUIT, #2/0 WIRE, VARIABLE CONDUCTORS	100.00	0.00	100.00	LF	0.00	\$3.75	\$0.00
		0050	0900	9109903	MISC.F&I CABLE IN CONDUIT, #4 WIRE, VARIABLE CONDUCTORS	100.00	0.00	100.00	LF	0.00	\$2.00	\$0.00
		0050	0910	9109903	MISC.F&I CABLE IN CONDUIT, #6 WIRE, VARIABLE CONDUCTORS	500.00	0.00	500.00	LF	0.00	\$2.25	\$0.00
		0050	0920	9109903	MISC.F&I CABLE IN CONDUIT, #8 WIRE, VARIABLE CONDUCTORS	1,000.00	0.00	1,000.00	LF	740.00	\$1.75	\$1,295.00
		0050	0930	9109903	MISC.F&I CABLE IN CONDUIT, VIDEO COAXIAL CABLE	250.00	0.00	250.00	LF	0.00	\$2.00	\$0.00
		0050	0940	9109903	MISC.F&I CABLE IN CONDUIT: CAT5E OUTDOOR RATED CABLE	5,000.00	0.00	5,000.00	LF	1,411.00	\$2.00	\$2,822.00
		0050	0950	9109903	MISC.F&I FIBER OPTIC CABLE, 24-STRAND SINGLE MODE	12,000.00	0.00	12,000.00	LF	7,350.00	\$3.40	\$24,990.00
		0050	0960	9109903	MISC.F&I FIBER OPTIC CABLE, 72-STRAND SINGLE MODE	3,000.00	0.00	3,000.00	LF	0.00	\$3.90	\$0.00
		0050	0970	9109903	MISC.F&I TRACE WIRE	8,000.00	0.00	8,000.00	LF	1,780.00	\$1.80	\$3,204.00
		0051	0990	9109902	MISC.MoDOT Approved UPS Device and Components	1.00	0.00	1.00	EA	0.00	\$19,000.00	\$0.00
		0051	1000	9109902	MISC.P.M. UPS (UNINTERRUPTIBLE POWER SUPPLY & ASSEMBLY)	32.00	0.00	32.00	EA	0.00	\$220.00	\$0.00
		0051	1010	9109902	MISC.PM AIR CONDITIONING UNITS FOR NODE CABINETS	64.00	0.00	64.00	EA	32.00	\$240.00	\$7,680.00
		0051	1020	9109902	MISC.PM CCTV CAMERA, ASSEMBLY, POLE, & FIELD CABINET	663.00	0.00	663.00	EA	333.00	\$390.00	\$129,870.00
		0051	1030	9109902	MISC.PM COMMUNICATION LINK AND ASSEMBLY	339.00	0.00	339.00	EA	268.00	\$149.00	\$39,932.00
		0051	1040	9109902	MISC.PM COMMUNICATION NODE FIELD CABINET	33.00	0.00	33.00	EA	6.00	\$430.00	\$2,580.00
		0051	1050	9109902	MISC.PM DMP, ASSEMBLY, POLES, FOUNDATION, AND CABINET	2.00	0.00	2.00	EA	0.00	\$340.00	\$0.00
		0051	1060	9109902	MISC.PM DMS, ASSEMBLY, POLE, FOUNDATION & FIELD CABINET	184.00	0.00	184.00	EA	2.00	\$440.00	\$880.00
		0051	1070	9109902	MISC.PM NON-INTRUSIVE VEHICLE DETECTOR STATIONS (MICROWAVE)	245.00	0.00	245.00	EA	1.00	\$310.00	\$310.00
		0051	1080	9109902	MISC.PM SOLAR POWER SYSTEM	27.00	0.00	27.00	EA	23.00	\$210.00	\$4,830.00
		0051	1090	9109902	MISC.PM UNINTERRUPTIBLE POWER SUPPLY (UPS) FOR NODE CABINETS	33.00	0.00	33.00	EA	6.00	\$210.00	\$1,260.00
		0051	1100	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV CABLES AND WIRES	1.00	0.00	1.00	EA	0.00	\$210.00	\$0.00
		0051	1110	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV CAMERA	1.00	2.00	3.00	EA	2.00	\$440.00	\$880.00
		0051	1120	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV CAMERA, ASSEMBLY, POLE, & FIELD CABINET	1.00	0.00	1.00	EA	0.00	\$440.00	\$0.00
		0051	1130	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV CONNECTORS	1.00	0.00	1.00	EA	0.00	\$440.00	\$0.00
		0051	1140	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV DEVICE SERVER	1.00	0.00	1.00	EA	0.00	\$120.00	\$0.00
		0051	1150	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV ENCODER	1.00	0.00	1.00	EA	0.00	\$120.00	\$0.00
		0051	1160	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV POLE ACCESS PANEL	1.00	0.00	1.00	EA	0.00	\$510.00	\$0.00
		0051	1170	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV POWER SUPPLY	1.00	0.00	1.00	EA	1.00	\$540.00	\$540.00
		0051	1180	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED CCTV SURGE PROTECTOR	1.00	0.00	1.00	EA	0.00	\$540.00	\$0.00
		0051	1190	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMP, ASSEMBLY, POLE, FOUNDATION, & FIELD CABINET	1.00	0.00	1.00	EA	0.00	\$340.00	\$0.00
		0051	1200	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS CONTROLLER	1.00	0.00	1.00	EA	0.00	\$440.00	\$0.00
		0051	1210	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS DRIVER BOARD	1.00	0.00	1.00	EA	0.00	\$680.00	\$0.00
0051	1220	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS FAN	1.00	0.00	1.00	EA	0.00	\$680.00	\$0.00		
0051	1230	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS LCA	1.00	0.00	1.00	EA	0.00	\$4,801.00	\$0.00		
0051	1240	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS PIXEL BOARD	1.00	0.00	1.00	EA	0.00	\$480.00	\$0.00		
0051	1250	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED DMS POWER SUPPLY	1.00	0.00	1.00	EA	0.00	\$480.00	\$0.00		
0051	1260	9109902	MISC.PM WITH REPAIRS - MODOT APPROVED IP ADDRESSABLE POWER STRIP	1.00	0.00	1.00	EA	0.00	\$348.00	\$0.00		
0051	1270	9109902	MISC.PM WITH REPAIRS - MODOT SOLAR POWER SYSTEM	1.00	0.00	1.00	EA	0.00	\$390.00	\$0.00		
0051	1280	9109902	MISC.REMOVE AND REPLACE NODE CABINET AIR CONDITIONER SYSTEM	3.00	0.00	3.00	EA	0.00	\$12,000.00	\$0.00		
0051	1290	9109902	MISC.WRONG WAY ALERT SYSTEMS PREVENTATIVE MAINTENANCE, SOFTWARE & RECERTIFICATION	13.00	0.00	13.00	EA	0.00	\$4,700.00	\$0.00		
Project J6Q3386E - Total Value Posted to Date as of Report Generated Date											\$334,999.00	



Missouri Department of Transportation
Contractor's Pay Estimate Summary
Contract Line Items and Total Paid for All Estimates

Report Generated on June 6, 2023

Total Paid / All Items / All Estimates (Including this Estimate)

Note: Posted Quantities and Values are based on Report Generated date and can differ from the posted amount at the time the Estimate was Generated.

Contract Nm.CONTRACT	Project No.	Category	Line No.	Item Code	Description	Bid Quantity	Net Change Order	Total Current Quantity	Unit	Total Posted Approved Qty	Unit Price	Total Value POSTED To Date (See report generated date)
221021-F04 Overall - Total Value Posted to Date as of Report Generated Date												\$334,999.00



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Installed Locations of Paid Line Items (This Estimate Only)**

Report Generated on June 6, 2023

The information below this line is supplemental to the Estimate and is provided for confirmation of detail, location and quantity of work.

Project: J6Q3386E

Line Number	Item Code	Description	DWR Date	DWR Approval Date	Quantity Posted	Units	Location	From Station/ Log Mile	Offset/ Distance	To Station/ Log Mile	Offset/ Distance	Comments	
0010	6123000A	TRUCK OR TRAILER MOUNTED ATTN (TMA)	5/16/23	5/23/23	1.00	EA	IS055N186.7, IS055N187.3, IS055N178.5, IS055N182.7, IS055N172.1, IS055S175.7					Preventative maintenance on CCTV cameras: I-55 S of Imperial Main, I-55 @ Imperial Main, I-55 @ NB Ramp @ McNutt, I-55 @ Eagle Crest, I-55 N of 61, I-55 @ A SB Ramps.	
0130	9103700	CCTV CAMERA ASSEMBLY, INSTALLED	5/22/23	5/24/23	1.00	EA	MO030W021.7 Issuetrak # 383					Remove and replace the CCTV camera at 30 and BB, Program all necessary network settings into new camera and verify that it is online. New camera S/N B8A44F860340.	
			5/24/23		1.00	EA	MO340E011.8 Issuetrak #384					Remove and replace the CCTV camera at 340 and New Ballas. New camera S/N B8A44F860A13. After replacing the camera we were unable to pull up video. We tested the Cat5e cable going from the cabinet to the camera, cable tested bad. We replaced both ends of the cable with new RJ45's and retested the cable, still tested bad. We pulled in a new Cat5e cable to the camera, installed new RJ45 at each end and the new cable tested good. Was able to steam video and verify that the camera was online.	
			5/26/23	5/30/23	1.00	EA	MO094E098.3 Issuetrak # 425						Remove and replace CCTV at 94/D. Program all necessary settings into camera. Verify that camera is online with SLITS. New camera S/N B8A44F860365
0200	9109902	MISC. ITS	5/16/23	5/23/23	12.00	EA	MO030W035.7 Issuetrak # 103					Pull in new cables from the signal cabinet to Side street mast arms. Install new Wavetronix Matrix unit on each of the side street mast arms aiming towards the mainline stop bars. Install new termination J Boxes in top of upright and make all necessary connections in box.	
			6/1/23	6/2/23	2.00	EA	IS044E266.0 Issuetrak # 484					Upon opening the cabinet, we noticed that the heating element was on. We tried turning the thermostat down to get it to shut off, but it did not. Shut the breaker off feeding the heater and fan, then tried to power the fan and it was not working. Left the breaker off, awaiting further instructions.	
0500	9109902	MISC. ITS	5/19/23	5/23/23	1.00	EA	US067S002.7, US067S004.5 Issuetrak # 368					Program two commission furnished Ubiquiti radios. Remove and replace existing Encom radios with the new Ubiquiti radios. Upon inspection of the existing Cat5e cable the insulation on the cable was completely deteriorated. We replaced the cables going to both new radios. Verified with SLITS that the radios were online.	
0540	9109902	MISC. ITS	5/19/23	5/23/23	1.00	EA	IS070E235.0 Issuetrak # 363					Remove and replace the damaged power supply at I-70 and Fee Fee Rd. Contact Ameren to reconnect Meter.	
0590	9109902	MISC. ITS	5/22/23	5/24/23	1.00	EA	MO030W021.7 Issuetrak # 383					Remove and replace the CCTV camera at 30 and BB, Program all necessary network settings into new camera and verify that it is online. New camera S/N B8A44F860340.	
			5/24/23		1.00	EA	MO340E011.8 Issuetrak #384					Remove and replace the CCTV camera at 340 and New Ballas. New camera S/N B8A44F860A13. After replacing the camera we were unable to pull up video. We tested the Cat5e cable going from the cabinet to the camera, cable tested bad. We replaced both ends of the cable with new RJ45's and retested the cable, still tested bad. We pulled in a new Cat5e cable to the camera, installed new RJ45 at each end and the new cable tested good. Was able to steam video and verify that the camera was online.	
			5/26/23	5/30/23	1.00	EA	MO094E098.3 Issuetrak # 425						Remove and replace CCTV at 94/D. Program all necessary settings into camera. Verify that camera is online with SLITS. New camera S/N B8A44F860365
0740	9109902	MISC. ITS	5/19/23	5/23/23	1.00	EA	US067S002.7, US067S004.5 Work Type: Issuetrak # 368					Program two commission furnished Ubiquiti radios. Remove and replace existing Encom radios with the new Ubiquiti radios. Upon inspection of the existing Cat5e cable the insulation on the cable was completely deteriorated. We replaced the cables going to both new radios. Verified with SLITS that the radios were online.	
0780	9109902	MISC. ITS	5/22/23	5/24/23	1.00	EA	MO340E011.8 Issuetrak #384					Remove and replace the CCTV camera at 340 and New Ballas. New camera S/N B8A44F860A13. After replacing the camera we were unable to pull up video. We tested the Cat5e cable going from the cabinet to the camera, cable tested bad. We replaced both ends of the cable with new RJ45's and retested the cable, still tested bad. We pulled in a new Cat5e cable to the camera, installed new RJ45 at each end and the new cable tested good. Was able to steam video and verify that the camera was online.	
			6/1/23	6/2/23	1.00	EA	IS044E266.0 Issuetrak # 484					Upon opening the cabinet, we noticed that the heating element was on. We tried turning the thermostat down to get it to shut off, but it did not. Shut the breaker off feeding the heater and fan, then tried to power the fan and it was not working. Left the breaker off, awaiting further instructions.	
0940	9109903	MISC. ITS	5/19/23	5/23/23	200.00	LF	US067S002.7, US067S004.5 Work Type: Issuetrak # 368					Program two commission furnished Ubiquiti radios. Remove and replace existing Encom radios with the new Ubiquiti radios. Upon inspection of the existing Cat5e cable the insulation on the cable was completely deteriorated. We replaced the cables going to both new radios. Verified with SLITS that the radios were online.	
			5/22/23	5/24/23	433.00	LF	MO340E011.8 Issuetrak #384					Remove and replace the CCTV camera at 340 and New Ballas. New camera S/N B8A44F860A13. After replacing the camera we were unable to pull up video. We tested the Cat5e cable going from the cabinet to the camera, cable tested bad. We replaced both ends of the cable with new RJ45's and retested the cable, still tested bad. We pulled in a new Cat5e cable to the camera, installed new RJ45 at each end and the new cable tested good. Was able to steam video and verify that the camera was online.	
1020	9109902	MISC. ITS	5/16/23	5/23/23	6.00	EA	IS055N186.7, IS055N187.3, IS055N178.5, IS055N182.7, IS055N172.1, IS055S175.7					Preventative maintenance on CCTV cameras: I-55 S of Imperial Main, I-55 @ Imperial Main, I-55 @ NB Ramp @ McNutt, I-55 @ Eagle Crest, I-55 N of 61, I-55 @ A SB Ramps.	
			5/17/23	5/23/23	2.00	EA	IS055S207.4, IS070E235.7					Preventative Maintenance on CCTV cameras: I-55 @ Arsenal, Airlight @ Natural Bridge- Pear Tree	
			5/18/23	5/23/23	6.00	EA	IS070W246.3, IS070W248.2, IS070E245.7, IS070E243.0, IS070E243.0, IS070E238.8					Preventative Maintenance on CCTV cameras: I-70 @ Carrie, I-70 @ McKinley Bridge, I-70 @ West Florissant E Taylor, I-70 @ Jennings Station, I-70 @ Jennings Station EB Ramp, I-70 @ I-170 NWQ	
			5/19/23	5/23/23	2.00	EA	MO370W011.4, MO370W010.7						Preventative Maintenance on CCTV cameras: 370 @ St Louis Mills, 370 W of St Louis Mills
			5/22/23	5/24/23	6.00	EA	IS170W007.9, MO370W005.1, MO370W007.0, MO370E009.4, MO370E008.8, MO370W004.2						Preventative Maintenance on CCTV cameras: 70 @ 170, 370 @ Elm-New Town WB Ramp, 370 W of 94, 370 @ 141-Missouri Bottom, 370 E of Missouri River, 370 W of Elm
			5/23/23	5/24/23	4.00	EA	IS044E272.6, IS044E276.3, IS270S019.9, IS070W208.3						Preventative Maintenance on CCTV cameras: 70 @ Wentzville PKWY, 270 @ 70, 44 W of 270, 44 @ 141
5/24/23	5/25/23	10.00	EA	MO364W015.1, MO364W014.7, MO364W012.6, MO364W012.6, MO364W011.0, MO364W010.0, MO364E011.7, MO364E015.9, MO364E017.6, IS055S195.2						Preventative Maintenance on CCTV cameras: 55 @ Butler Hill, 364 @ 141 SWQ, 364 E of the Missouri River, 364 SOR-ST Peters & Harvester, 364 @ Central School, 364 NOR ST Peters & Jungermann, 364 @ Jungs Station			



**Missouri Department of Transportation
Contractor's Pay Estimate Summary
Installed Locations of Paid Line Items (This Estimate Only)**

Report Generated on June 6, 2023

The information below this line is supplemental to the Estimate and is provided for confirmation of detail, location and quantity of work.

Line Number	Item Code	Description	DWR Date	DWR Approval Date	Quantity Posted	Units	Location	From Station/ Log Mile	Offset/ Distance	To Station/ Log Mile	Offset/ Distance	Comments
1020	9109902	MISC. ITS										Lower, 364 @ Jungs Station Upper, 364 @ Upper Bottom WB Ramp, 364 @ Upper Bottom NEQ
			5/25/23	5/26/23	7.00	EA	IS055N189.4, IS044W292.2, IS044W292.9, IS055N204.4, IS055N202.7, IS055N202.7, IS055N188.4,					Preventative Maintenance on CCTV cameras: 55 S of Richardson, 44 @ Washington, Cass @ Tucker, 55 @ Bates, 55 @ Carondelet, 55 E of Reavis Barracks, 55 N of Imperial Main
			5/26/23	5/30/23	5.00	EA	IS064E036.9, IS064E038.7, IS064E027.6, IS044W290.7, MO094E098.3					44 @ Lafayette, 64 @ Spoede, 64 @ 15th, 64 @ Grand (lower), 94 @ D
			5/30/23	5/31/23	8.00	EA	MO141N010.1, MO141S015.7, MO141S014.0, MO141S013.4, MO141S013.2, MO141S008.1, MO141S005.9, MO141S003.8					Preventative Maintenance on CCTV cameras: 141 N of AB-Ladue, 141 @ 100 SWQ, 141 N of Middle Manors Way, 141 @ Clayton SB Ramps, 141 N of Clayton, 141 S of 364 EB Ramp, 141 N of Creve Couer Airport, 141 S of Riverport
			5/31/23	6/1/23	10.00	EA	MO364E008.0, MO340W014.0, RT00DW002.6, IS170S003.3, IS170N010.6, IS170N009.1, IS170N006.0, IS170N005.1, IS170N002.4, IS170N001.3					Preventative Maintenance on CCTV cameras: 364 W of Mid Rivers Mall, 340 @ 67, D @ 67, 170 @ 340, 170 2 Nylott, 170 @ Airport, 170 @ 180, 170 S of Midland, 170 @ Delmar, 170 @ Forest Park PKWY
			6/1/23	6/2/23	7.00	EA	IS044E246.6, IS044E240.5, IS044W248.9, IS044W251.7, IS044W256.8, IS044W257.9, IS044E266.0					Preventative Maintenance on CCTV cameras: 44 W of US 50, 44 @ St. Clair, 44 E of US 50, 44 @ 100, 44 @ Pacific Viaduct, 44 E of Pacific, 44 W of Lewis
1030	9109902	MISC. ITS	5/31/23	6/1/23	4.00	EA	MO047S062.5, MO047N071.5					Preventative maintenance on the following wireless communications link IP's: 10.6.71.36, 10.6.71.37, 10.6.70.219, 10.6.70.218
1070	9109902	MISC. ITS	5/19/23	5/23/23	1.00	EA	IS070W236.6					Preventative maintenance on the RTMS unit at I-70 @ Airflight WB on Ramp.
1080	9109902	MISC. ITS	5/31/23	6/1/23	6.00	EA	US067N041.3, MO021S027.7, US050W218.8					Preventative Maintenance on the following solar power unit IP's: 10.6.104.136, 10.6.104.137, 10.6.112.209, 10.6.112.209, 10.6.71.150, 10.6.71.151

The information below this line are details for Construction Signs (if applicable).
No Data Available



Line Item Adjustments by Estimate

Jun 6, 2023

Contract ID: 221021-F04

Project	Line	Description	Adjustment Type	Other Adjustment Type	Est. Number	Created Date	Created By	Amount	Remarks		
J6Q3386E	0500	MISC. ITS	Overrun	Overrun	4	Mar 2, 2023	SYSTEM	(\$1,050.00)			
					6	Apr 3, 2023	SYSTEM	\$1,050.00	Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',1050.00000 - 1050.00000, 'is applied (if non-zero).		
	Overrun - Total								\$0.00		
	Overrun - Total								\$0.00		
	0500 - Total								\$0.00		
	0580	MISC. ITS	Overrun	Overrun	8	May 2, 2023	SYSTEM	(\$750.00)			
					10	Jun 2, 2023	SYSTEM	\$750.00	Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',750.00000 - 750.00000, 'is applied (if non-zero).		
		Overrun - Total								\$0.00	
		Overrun - Total								\$0.00	
	0580 - Total								\$0.00		
	0670	MISC. ITS	Overrun	Overrun	8	May 2, 2023	SYSTEM	(\$940.00)			
					10	Jun 2, 2023	SYSTEM	\$940.00	Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',940.00000 - 940.00000, 'is applied (if non-zero).		
		Overrun - Total								\$0.00	
		Overrun - Total								\$0.00	
	0670 - Total								\$0.00		
0740	MISC. ITS	Overrun	Overrun	2	Feb 2, 2023	SYSTEM	(\$250.00)				
				4	Mar 2, 2023	SYSTEM	(\$250.00)				
				6	Apr 3, 2023	SYSTEM	\$500.00	Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',250.00000 - 250.00000, 'is applied (if non-zero).			
				10	Jun 2, 2023	SYSTEM	(\$250.00)				
				Overrun - Total							
Overrun - Total								(\$250.00)			
0740 - Total								(\$250.00)			
1110	MISC. ITS	Overrun	Overrun	8	May 2, 2023	SYSTEM	(\$440.00)				
				10	Jun 2, 2023	SYSTEM	\$440.00	Unit price based on averaged overrun adjustments for installed quantity on all previous payment estimates. Price Adjustments of ',440.00000 - 440.00000, 'is applied (if non-zero).			
	Overrun - Total								\$0.00		
Overrun - Total								\$0.00			
1110 - Total								\$0.00			
J6Q3386E - Total								(\$250.00)			
Overall - Total								(\$250.00)			



Contract Adjustments for Contract - 221021-F04

Estimate Number	Project	Adjustment Type	Other Adjustment Type	Adjustment Amount	Adjustment Percentage by Project	Created Date	Created By	Comments
2	J6Q3386E	Other Contract Adjustment	OTHR	\$89.24	100	Feb 2, 2023	norton1	This adjustment covers Partnering expenses incurred during a recent meeting with MoDOT and Reinhold Electric. Due to the challenges associated with maintaining the ITS Infrastructure, the decision was made to bridge both parties together to share challenges, risks, and solutions. This amount is a 50/50 split.
2 - Total					\$89.24			
Overall - Total					\$89.24			