

Pay Estimate Created Date: June 30, 2023

Progress Estimate N 2	lumber	Contract ID Prime Contracto	220617-A05 r Herzog Contract	ing Corp.				Original Contract Amount Net Change Order Amount Current Contract Amount	\$3,459,856.04 \$53,993.70 \$3,513,849.74		
Approval Date									By User		
July 3, 2023	Generated and Approved (and should be considered Draft) at the Project Office Level										
July 5, 2023		R	eviewed and Appro	ed Draf	t) at the	Resident Engineer Level by	stronk1				
July 6, 2023		e Controllers Office Level by	ramses1								
Original Completion	n Date	Current Con	npletion Date	Actu	al Completion Dat	te	%	of Current Contract Amoun	t Complete		
November 1, 20	23	Novembe	er 1, 2023					93.11%			
	Contract	Informational Dat	tes		Milest	ones					
Date Description	Original	Completion Date Current Comple		tion Date	No Milestones Ex		Contract				
Acceptance Date											
Awarded Date	July 6, 2	022	July 6, 2022								
Letting Date	June 17,	2022	June 17, 2022								
Notice to Proceed Date September 5, 2022			September 5, 202	22							
Open to Traffic Date											
Work Began Date											

Contract Total Pay For Estimate No. 2										
		This Estimate	Previous	To Date						
220617-A05										
	Total Posted Items Pay	\$1,880,355.97	\$1,391,448.92	\$3,271,804.89						
	Gross Item Adjustments	(\$269,315.68)	(\$111,151.59)	(\$380,467.27)						
	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	\$0.00	\$0.00						
			\$1,280,297.33	\$2,891,337.62						
Contract Total Pa	yable This Estimate:	\$1,611,040.29								

Items Paid This Estimate Period

Project Number	Line Number	ltem Code	Item Description Unit Unit Price Current Installed Qty							
J1S3429	0030	3049910	0 MISC.PERMENANT AGGREGATE EDGE TREATMENT TONS \$45.000 1,720							
	0050	4011231	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)	TONS	\$103.500	13,823.07	\$1,430,687.75			
	0080	6133020	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	TONS	\$150.000	0.73	\$109.50			
	0090	6133021	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	SQYD	\$15.000	4.44	\$66.60			
	0100	6161005	CONSTRUCTION SIGNS	SQFT	\$6.000	470	\$2,820.00			
	0110	6161025	CHANNELIZER (TRIM LINE)	EA	\$18.000	300	\$5,400.00			
	0120	6161040	FLASHING ARROW PANEL	\$1,500.000	2	\$3,000.00				
	0140	6181000	MOBILIZATION	\$340,000.000	0.25	\$85,000.00				
	0200	6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	SQYD	\$1.300	130,938.52	\$170,220.08			
	0210	6224010	MODIFIED COLDMILLING (DEPTH TRANSITIONS)	SQYD	\$7.300	3,381.95	\$24,688.24			
	5001	4011231	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)	TONS	\$117.000	451	\$52,767.00			
	5002	4071007	TACK COAT - LOW OR NON-TRACKING	GAL	\$2.500	372.8	\$932.00			
	5003	6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	SQYD	\$1.300	4,661	\$6,059.30			
	5004	4071007	TACK COAT - LOW OR NON-TRACKING	GAL	\$2.500	8,365.2	\$20,913.00			
Project J1	<mark>S3429 - T</mark>	otal					\$1,880,355.97			
Overall - 1	otal						\$1,880,355.97			



Pay Estimate Created Date: June 30, 2023

Progre		timate Number 2	Contract ID Prime Contr	t ID 220617-A05 Pay Period Start June 16, 2023 Original Contract Amount \$ ontractor Herzog Contracting Corp. Pay Period End June 30, 2023 Net Change Order Amount \$ Current Contract Amount \$							
		stments Exist on C ments This Estim									
Project Number	Line No.	Item Desc		Adjustment Type	Other Item Adjustment Type	Comments	Adjustment Quantity	Line Item Adjustment Unit Price	Adjustment amount		
J1S3429	0030		MISC.	Material			-1,726.5	\$45.00	(\$77,692.50		
	0050	BITUMINOUS MIXTURE PG58		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,902.63	(\$7.57)	(\$14,402.15		
	0050	BITUMINOUS MIXTURE PG5		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,706.22	(\$7.57)	(\$12,915.40		
	0050	BITUMINOUS MIXTURE PG5		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	2,100.18	(\$7.57)	(\$15,897.52		
	0050	BITUMINOUS MIXTURE PG5		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,741.83	(\$7.57)	(\$13,184.96		
	0050	BITUMINOUS MIXTURE PG5		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,950.72	(\$7.57)	(\$14,766.17		
	0050	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,610.16	(\$7.57)	(\$12,188.27		
	0050	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	1,555.29	(\$7.57)	(\$11,772.92		
	0050	BITUMINOUS MIXTURE PG5		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	862.37	(\$7.57)	(\$6,527.80		
	0050	BITUMINOUS MIXTURE PG58		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	393.67	(\$7.57)	(\$2,979.92		
	0050	BITUMINOUS MIXTURE PG58		Other Item Adjustment	Asphalt Cement Price Adjustment				(\$80,864.96		
	0080	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR		Other Item Adjustment	Asphalt Cement Price Adjustment				(\$4.27		
	0090	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR		Overrun			-4.44	\$15.00	(\$66.60		
	5001	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)		Price		Reference Item Price Adjustment Index Adjustment Type applied is FUEL	451	(\$7.57)	(\$3,413.89		
	5001	BITUMINOUS MIXTURE PG58		Other Item Adjustment	Asphalt Cement Price Adjustment				(\$2,638.35		
Total									(\$269,315.68		



Incentive Disincentive Liquidated Damages Other Contract Adjustments

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

	Contract Project Information												
Project Number	Federal Proj. Number	Project Description	Route	County		Location of Work							
J1S3429	FAS S102(52)	Pavement and guardrail improvements	46, 136	NODAWAY	on US 46 and US 136	n US 46 and US 136 in Nodaway and Gentry Counties							
Fotals by .	Job Numbe	ers											
J1S3429		d Item Pay Item Adjustme		Item Pay	This Estimate \$1,880,355.97 (\$269,315.68) \$1,611,040.29	Previous \$1,391,448.92 (\$111,151.59) \$1,280,297.33	To Date \$3,271,804.89 (\$380,467.27) \$2,891,337.62						

\$0.00 \$0.00 \$0.00 \$0.00

\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00



Missouri Department of Transportation Contractor's Pay Estimate Summary Exceptions

Exceptions (Discrepancies) This Estimate Period

Exceptions / Discrepencies	Explanation	Entered By	Status
Estimate Exception Type: Insufficient Materials: Project J1S3429, Item 3049910, Project Item Line Number 0030, Material Set 304991096, Material 0304SBT15KP - Compacted Type 1 & 5 Base, Acceptance Action Generic 0304SBT15KP is insufficient.	Waiting on contractor's report. Work was just completed on 6-30-23.	hartg1	Acknowledged
Estimate Exception Type: Insufficient Materials: Project J1S3429, Item 3049910, Project Item Line Number 0030, Material Set 304991096, Material 1007T1ABLDT5 - Agg Base Type 1 & 5 Limestone/Dolomite, Acceptance Action Generic 1007T1ABLDT5 is insufficient.	Waiting on contractor's report. Work was just completed on 6-30-23.	hartg1	Acknowledged
Estimate Exception Type: Item Overrun: Contract 220617-A05, Contract Project J1S3429, Project Item Line Number 0090, Contract Line Item Number 0090, Item 6133021, Minor Item.	Item will be on next Change Order.	hartg1	Acknowledged



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

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 .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 POSTEI To Date (See report generated date)
617-A05	J1S3429	0001	0010	2022010	REMOVAL OF IMPROVEMENTS	1.00	0.00	1.00	LS	0.00	\$4,400.00	\$0.0
		0001	0020	2153000	SHAPING SLOPES, CLASS III	5.00	0.00	5.00	100F	0.00	\$1,300.00	\$0.0
		0001	0030	3049910	MISC.PERMENANT AGGREGATE EDGE TREATMENT	1,754.60	0.00	1,754.60	TONS	1,726.50	\$45.00	\$77,692.5
		0001	0040	3105002	GRAVEL (A) OR CRUSHED STONE (B)	728.00	0.00	728.00	TONS	0.00	\$45.00	\$0.0
		0001	0050	4011231	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)	21,374.60	99.10	21,473.70	TONS	21,452.18	\$103.50	\$2,220,300.
		0001	0060	4071005	TACK COAT	21,038.00	-21,038.00	0.00	GAL	0.00	\$2.00	\$0.
		0001	0070	6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	2.00	0.00	2.00	EA	0.00	\$1.00	\$0.
		0001	0080	6133020	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	1,418.90	-52.50	1,366.40	TONS	1,042.78	\$150.00	\$156,417.
		0001	0090	6133021	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	4,277.90	-158.30	4,119.60	SQYD	4,302.44	\$15.00	\$64,536.
		0001	0100	6161005	CONSTRUCTION SIGNS	3,134.00	0.00	3,134.00	SQFT	1,572.00	\$6.00	\$9,432.
		0001	0110	6161025	CHANNELIZER (TRIM LINE)	690.00	0.00	690.00	EA	300.00	\$18.00	\$5,400.
		0001	0120	6161040	FLASHING ARROW PANEL	2.00	0.00	2.00	EA	2.00	\$1,500.00	\$3,000.
		0001	0130	6162004	TEMPORARY SHORT-TERM RUMBLE STRIPS	4.00	-4.00	0.00	EA	0.00	\$1,950.00	\$0.
		0001	0140	6181000	MOBILIZATION	1.00	0.00	1.00	LS	1.00	\$340,000.00	\$340,000
		0001	0150	6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	48.00	0.00	48.00	LF	0.00	\$20.00	\$0.
		0001	0160	6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	2.00	0.00	2.00	EA	0.00	\$225.00	\$0.
		0001	0170	6200027	PREFORMED THERMOPLASTIC PAVEMENT MARKING, COMBINATION STR/LT/RT	4.00	0.00	4.00	EA	0.00	\$395.00	\$0
		0001	0180	6205901A	4 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS	84,808.00	0.00	84,808.00	LF	0.00	\$0.20	\$0
		0001	0190	6205902A	6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS	102,396.00	0.00	102,396.00	LF	0.00	\$0.24	\$0
		0001	0200	6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	204,999.00	0.00	204,999.00	SQYD	203,815.15	\$1.30	\$264,959
		0001	0210	6224010	MODIFIED COLDMILLING (DEPTH TRANSITIONS)	5,424.00	0.00	5,424.00	SQYD	5,104.13	\$7.30	\$37,260
		0001	0220	6261000A	BITUMINOUS SHOULDER RUMBLE STRIP	671.40	32.40	703.80	STA	0.00	\$41.75	\$0.
		0001	0230	6261001	BITUMINOUS CENTERLINE RUMBLE STRIP	331.40	16.20	347.60	STA	0.00	\$41.75	\$0
		0010	0240	6061060	MGS GUARDRAIL	75.00	0.00	75.00	LF	0.00	\$45.00	\$0
		0010	0250	6061069	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB)	4.00	0.00	4.00	EA	0.00	\$3,500.00	\$0.
		0010	0260	6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	4.00	0.00	4.00	EA	0.00	\$3,500.00	\$0
		0001	5001	4011231	BITUMINOUS PAVEMENT MIXTURE PG58-28H, (BP-1)	0.00	451.00	451.00	TONS	451.00	\$117.00	\$52,767
		0001	5002	4071007	TACK COAT - LOW OR NON-TRACKING	0.00	372.80	372.80	GAL	372.80	\$2.50	\$932
		0001	5003	6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	0.00	4,661.00	4,661.00	SQYD	4,661.00	\$1.30	\$6,059
		0001	5004	4071007	TACK COAT - LOW OR NON-TRACKING	0.00	16,830.00	16,830.00	GAL	13,219.20	\$2.50	\$33,048
1	Project J	IS3429 - To	tal Value	Posted to D	Date as of Report Generated Date							\$3,271,804



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

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

Project: J1S3429

Line umber	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
0030	3049910	MISC. AGGREGATE FOR BASE	6/28/23	6/29/23	1,249.62	TONS		89+12		104+28		
			6/29/23	6/29/23	120.45	TONS	West Bound edge	0		0		Work stopped by heavy rain.
			6/30/23	6/30/23	356.43	TONS	finished 136 Stanberry section and did the East end of the Maryville job next to the 102 river and the West end of the job where there wasn't any curb and gutter.	0		0		
0050	4011231	BIT. PAVEMENT MIXTURE PG58-28H (BP-1)	6/16/23	6/19/23	1,902.63	TONS	East Bound	88+00		208+00		
			6/19/23	6/22/23	1,706.22	TONS	East Bound lane	208+00		316+16		
			6/20/23	6/22/23	2,100.18	TONS		0		0		
			6/21/23	6/27/23	1,741.83	TONS	West Bound outside lane and shoulder.	184+56		104+82		
			6/22/23	6/27/23	1,950.72	TONS	East bound lanes	104+82		184+56		
			6/23/23	6/27/23	1,610.16	TONS		0+00		33+11		
			6/26/23	6/28/23	1,555.29	TONS	West Bound Lane	0+00		90+00		
			6/27/23	6/29/23	862.37	TONS	West Bound Lane	33+11		104+82		1314.10 total for day but 0.73 for line 0080 and 451 to on line 5001 leaves 862.37 for line 0050.
			6/28/23	6/29/23	393.67	TONS		89+12		104+28		
0080	6133020	FURN & PLACE BIT. MATL FOR CL C PARTIAL	6/27/23	6/29/23	0.73	TONS	17+33 Near Vine Street Island	17+33				
0090	6133021	REMOVAL FOR CLASS C PARTIAL DEPTH PAVT REPAIR	6/27/23	6/29/23	4.44	SQYD	17+33 Near Vine Street Island	17+33				
	6161005	CONSTRUCTION SIGNS	6/30/23	6/30/23	470.00			0+00				
0110	6161025	CHANNELIZER (TRIM LINE)	6/26/23	6/28/23	300.00	EA	Used at Business 71 and on the four-lane segment.	0+00		184.56		
0120	6161040	FLASHING ARROW PANEL	6/26/23	6/28/23	2.00	EA	Used at Business 71 and on the four-lane segment.	0+00		184+56		
0140	6181000	MOBILIZATION	6/28/23	6/29/23	0.25	LS		0				
0200	200 6221001 COLD	COLDMILLING BIT. PAVT FOR REM OF SURF.	6/16/23	6/19/23	18,277.77	SQYD	East Bound	88+00		208+00		
			6/19/23	6/22/23	17,188.88	SQYD	East Bound lane	208+00		316+16		
			6/20/23	6/22/23	18,809.77	SQYD		0		0		
			6/21/23	6/27/23	15,829.00	SQYD	West Bound outside lane and shoulder.	184+56		104+82		
			6/22/23	6/27/23	19,656.00	SQYD	East bound lanes	104+82		184+56		
			6/23/23	6/27/23	16,577.04	SQYD		0+00		33+11		
			6/26/23	6/28/23	13,825.00	SQYD	West Bound Lane	0+00		90+00		
			6/27/23	6/29/23	7,189.07	SQYD	West Bound lane	33+11		104+82		11850.07 for the day but 4661 is paid on line 5003 11850.07 - 4661 = 7189.07
			6/28/23	6/29/23	3,585.99			89+12		104+28		
0210	6224010	MODIFIED COLDMILLING (DEPTH TRANSITIONS)	6/16/23	6/19/23	388.88		East Bound	88+00		208+00		
			6/19/23	6/22/23	388.88	SQYD	East Bound lane	208+00		316+16		
			6/20/23	6/22/23	629.43	SQYD		0		0		
			6/21/23	6/27/23	611.00	SQYD	West Bound outside lane and shoulder.	184+56		104+82		
			6/22/23	6/27/23	611.00	SQYD	East bound lanes	104+82		184+56		
			6/23/23	6/27/23	266.66			0+00		33+11		
			6/26/23	6/28/23	222.22		West Bound Lane	0+00		90+00		
			6/27/23	6/29/23	263.88	SQYD	West Bound lane	33+11		104+82		
		BIT. PAVEMENT MIXTURE PG58-28H (BP-1)	6/27/23	6/29/23	451.00		City Parking areas Change Order 0003					
5002	4071007	TACK COAT - LOW OR NON-TRACKING	6/27/23	6/29/23	372.80	GAL	City Parking areas Change Order 0003	33.11		104.82		
5003	6221001	COLDMILLING BIT. PAVT FOR REM OF SURF.	6/27/23	6/29/23	4,661.00	SQYD	City Parking areas Change Order 0003					
5004	4071007	TACK COAT - LOW OR NON-TRACKING	6/16/23	6/19/23	1,068.00	GAL	East Bound	88+00		208+00		
			6/19/23	6/22/23	1,019.00	GAL	East Bound lane	208+00		316+16		
			6/20/23	6/22/23	1,214.00	GAL		0		0		
			6/21/23	6/27/23	1,117.00	GAL	West Bound outside lane and shoulder.	184+56		104+82		
			6/22/23	6/27/23	1,262.00	GAL	East bound lanes	104+82		184+56		
			6/23/23	6/27/23	1,019.00	GAL		0+00		33+11		
			6/26/23	6/28/23	971.00	GAL	West Bound Lane	0+00		90+00		
			6/27/23	6/29/23	452.20	GAL		33.11		104.82		825 total for day minus 372.8 City (line 5002) = 452.2
			6/28/23	6/29/23	243.00	GAL		89+12		104+28		

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



Line Item Adjustments by Estimate

Jul 7, 2023

Contract ID: 220617-A05

Project	Line	Description	Adjustment Type	Other Adjustment Type	Est. Number	Created Date	Created By	Amount	Remarks
J1S3429	0030	MISC. AGGREGATE FOR BASE	Material		2	Jun 30, 2023	SYSTEM	(\$77,692.50)	
		TORDAGE		- Total				(\$77,692.50)	
			Material - To	otal				(\$77,692.50)	
	0030 -	Total						(\$77,692.50)	
	0050	BIT. PAVEMENT MIXTURE PG58-28H (BP-1)	Other Item Adjustment	ACAD	1	Jun 20, 2023	hartg1	(\$44,630.29)	Asphalt Cement Price Adjustment
					2	Jul 3, 2023	hartg1	(\$80,864.96)	
				ACAD - Tota	al			(\$125,495.25)	
			Other Item /	Adjustment -	Total			(\$125,495.25)	
			Price FUEL		1	Jun 20, 2023	SYSTEM	(\$57,749.31)	Reference Item Price Adjustment Index Adjustment Type applied is FUEL
					2	Jun 30, 2023	SYSTEM	(\$104,635.11)	Reference Item Price Adjustment Index Adjustment Type applied is FUEL
				- Total				(\$162,384.42)	
			Price FUEL	- Total				(\$162,384.42)	
	0050 -	Total						(\$287,879.67)	
	0080	FURN & PLACE BIT. MATL FOR CL C PARTIAL	Other Item Adjustment	ACAD	1	Jun 20, 2023	hartg1	(\$6,095.99)	Asphalt Cement Price Adjustment
					2	2 Jul 3, hartg1 2023		(\$4.27)	
				ACAD - Tota	al			(\$6,100.26)	
			Other Item Adjustment - Total					(\$6,100.26)	
	0080 -	Total						(\$6,100.26)	
	0090	REMOVAL FOR CLASS	Overrun	Overrun	1	Jun 20, 2023	SYSTEM	(\$2,676.00)	
		C PARTIAL DEPTH PAVT REPAIR			2	Jun 30, SYSTEM 2023		(\$66.60)	
				Overrun - T	otal			(\$2,742.60)	
			Overrun - T	otal				(\$2,742.60)	
	0090 -	Total						(\$2,742.60)	
	5001	BIT. PAVEMENT	Other Item Adjustment	ACAD	2	Jul 3, 2023	hartg1	(\$2,638.35)	
		MIXTURE PG58-28H		ACAD - Tota	al			(\$2,638.35)	
		(BP-1)	Other Item /	Adjustment -	Total			(\$2,638.35)	
			Price FUEL		2	Jun 30, 2023	SYSTEM	(\$3,413.89)	Reference Item Price Adjustment Index Adjustment Type applied is FUEL
				- Total				(\$3,413.89)	
			Price FUEL	- Total				(\$3,413.89)	
	5001 -	Total						(\$6,052.24)	
J1S3429 -	Total							(\$380,467.27)	
Overall - 1	Total							(\$380,467.27)	



There are no contract adjustments to display for this contract.