

Wisconsin Department of Transportation
Explanation of Variation Between Contract and Final Quantities

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01/14/2020

Contract: 20180814003 **Contractor:** LARSON CONSTRUCTION CO., INC. **Projects**
Location: Monroe 7016-00-05
Highway:

Prop. Line Item #.	Description	Unit Price	Unit	Authorized Quantity	Quantity Paid	Variation Quantity	Variation Percent
201.0105		20.00	STA	2.00	2.00	0.00	0%
	Clearing						
	0002						
201.0205		70.00	STA	2.00	2.00	0.00	0%
	Grubbing						
	0004						
203.0600.S		19000.00	LS	1.00	1.00	0.00	0%
	Rem Old Str Ovr Water Min Debris (sta)						
	0006			01. 10+00			
205.0100		9.00	CY	438.00	508.00	+70.00	+16%
	Excavation Common						
	0008 EBS areas caused the quantity overrun.						
206.1000		15000.00	LS	1.00	1.00	0.00	0%
	Exc for Structure Bridges (structure)						
	0010			01. B-41-299			

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208.0100		12.00	CY	342.00	360.00	+18.00	+5%
	Borrow						
	0012						
210.1500		24.00	TON	300.00	280.40	-19.60	-7%
	Backfill Structure Type A						
	0014						
213.0100		500.00	EACH	1.00	1.00	0.00	0%
	Finishing Roadway (project)						
	0016			01. 7016-00-05			
305.0110		29.00	TON	15.00	22.00	+7.00	+47%
	Base Aggregate Dense 3/4-Inch						
	0018						
305.0120		14.00	TON	568.00	713.13	+145.13	+26%
	Base Aggregate Dense 1 1/4-Inch						
	0020	EBS areas used extra base coarse. Used extra base coarse around sta 12+00 where the utility company was working.					

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455.0605		6.00	GAL	55.00	31.00	-24.00	-44%
	Tack Coat						
	0022						
465.0105		104.30	TON	210.00	214.72	+4.72	+2%
	Asphaltic Surface						
	0024						
465.0315		65.00	SY	14.00	11.10	-2.90	-21%
	Asphaltic Flumes						
	0026						
502.0100		405.00	CY	197.00	197.00	0.00	0%
	Concrete Masonry Bridges						
	0028						
502.3200		4.00	SY	136.00	136.00	0.00	0%
	Protective Surface Treatment						
	0030						

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502.3210		5.00	SY	71.00	71.00	0.00	0%
	Pigmented Surface Sealer						
	0032						
505.0400		1.20	LB	3,520.00	3,510.00	-10.00	-0%
	Bar Steel Reinforcement HS Structures						
	0034						
505.0600		1.20	LB	24,950.00	24,940.00	-10.00	-0%
	Bar Steel Reinforcemnt HS Coated Strctrs						
	0036						
516.0500		43.00	SY	20.00	9.25	-10.75	-54%
	Rubberized Membrane Waterproofing						
	0038						
550.1100		39.50	LF	875.00	827.00	-48.00	-5%
	Piling Steel HP 10-Inch X 42 Lb						
	0040						

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601.0411		30.00	LF	186.00	187.00	+1.00	+1%
	Concrete Curb & Gutter 30-Inch Type D						
0042							
606.0300		51.00	CY	190.00	232.00	+42.00	+22%
	Riprap Heavy						
0044	Added extra riprap to protect the ditch in the NW quadrant.						
612.0406		8.00	LF	190.00	190.00	0.00	0%
	Pipe Underdrain Wrapped 6-Inch						
0046							
614.0150		100.00	EACH	4.00	4.00	0.00	0%
	Anchor Assemblies Stl Plate Beam Guard						
0048							
618.0100		500.00	EACH	1.00	1.00	0.00	0%
	Maintenance And Repair of Haul Roads						
0050				01. 7016-00-05			

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619.1000		45800.00	EACH	1.00	1.00	0.00	0%
	Mobilization						
	0052						
624.0100		15.00	MGAL	35.00	2.00	-33.00	-94%
	Water						
	0054						
625.0500		2.60	SY	525.00	1,033.00	+508.00	+97%
	Salvaged Topsoil						
	0056						
627.0200		.60	SY	525.00	1,033.00	+508.00	+97%
	Mulching						
	0058						
628.1504		2.20	LF	780.00	748.00	-32.00	-4%
	Silt Fence						
	0060						

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628.1520		.01	LF	780.00	0.00	-780.00	-100%
	Silt Fence Maintenance						
	0062						
	Item was not used						
628.1905		300.00	EACH	2.00	2.00	0.00	0%
	Mobilizations Erosion Control						
	0064						
628.1910		30.00	EACH	2.00	0.00	-2.00	-100%
	Mobilization Emergency Erosion Control						
	0066						
	Item was not used.						
628.6005		32.00	SY	155.00	113.30	-41.70	-27%
	Turbidity Barriers						
	0068						
629.0210		100.00	CWT	0.55	0.65	+0.10	+18%
	Fertilizer Type B						
	0070						

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630.0120		20.00	LB	20.00	28.00	+8.00	+40%
	Seeding Mixture No. 20						
	0072						
630.0200		12.00	LB	10.00	7.00	-3.00	-30%
	Seeding Temporary						
	0074						
634.0612		80.00	EACH	4.00	4.00	0.00	0%
	Posts Wood 4x6-Inch X 12-FT						
	0076						
637.2230		30.00	SF	12.00	12.00	0.00	0%
	Signs Type II Reflective F						
	0078						
638.2602		45.00	EACH	4.00	4.00	0.00	0%
	Removing Signs Type II						
	0080						

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638.3000		45.00	EACH	4.00	4.00	0.00	0%
	Removing Small Sign Supports						
	0082						
642.5001		1400.00	EACH	1.00	1.00	0.00	0%
	Field Office Type B						
	0084						
643.0420		.20	DAY	1,620.00	476.00	-1,144.00	-71%
	Traffic Control Barricades Type III						
	0086						
643.0705		.10	DAY	2,430.00	952.00	-1,478.00	-61%
	Traffic Control Warning Lights Type A						
	0088						
643.0900		.15	DAY	1,215.00	612.00	-603.00	-50%
	Traffic Control Signs						
	0090						

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643.5000		1600.00	EACH	1.00	1.00	0.00	0%
	Traffic Control						
	0092						
645.0111		4.00	SY	60.00	54.00	-6.00	-10%
	Geotextile Type DF Schedule A						
	0094						
645.0120		3.00	SY	365.00	348.00	-17.00	-5%
	Geotextile Type HR						
	0096						
650.4500		.50	LF	400.00	0.00	-400.00	-100%
	Construction Staking Subgrade						
	0098 Staking notes were not submitted on time.						
650.5000		1.00	LF	400.00	0.00	-400.00	-100%
	Construction Staking Base						
	0100 Staking notes were not submitted on time.						

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650.6500		2000.00	LS	1.00	1.00	0.00	0%
	Construction Staking Structure Layout						
0102				01. B-41-299			
650.9910		300.00	LS	1.00	1.00	0.00	0%
	Const Staking Supplemental Contrl (proj)						
0104				01. 7016-00-05			
650.9920		1.00	LF	400.00	350.00	-50.00	-13%
	Construction Staking Slope Stakes						
0106							
690.0150		8.00	LF	40.00	40.00	0.00	0%
	Sawing Asphalt						
0108							
715.0502		1.00	DOL	1,182.00	0.00	-1,182.00	-100%
	Incentive Strength Conc Structures						
0110	See attachment 1.						

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801.0117		1.00	DOL	24,000.00	0.00	-24,000.00	-100%
	Railroad Flagging Reimbursment						
0112							
	Item was not used.						
SPV.0055		65.00	DOL	-1.00	-1.00	0.00	0%
	Special						
0132				Late and Missing Survey Notes For Supplemental Control			
	Contractor was late on submitting survey notes for 3 items and did not submit notes for 2 items.						
SPV.0055		200.00	DOL	-1.00	-1.00	0.00	0%
	Special						
0137				Submitted Late Survey Notes For			
	SJK submitted notes after construction was completed.			Structure Layout			
SPV.0105		1000.00	LS	1.00	1.00	0.00	0%
	Special						
0117				Concrete Deadmen			
	The concrete deadmen allowed the contractor to anchor down the turbidity barrier.						

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SPV.0105		1600.00	LS	1.00	1.00	0.00	0%
Special							
0122				Additional Costs During the Utility Delay			
	Utility Delay						
SPV.0105		160.00	LS	1.00	1.00	0.00	0%
Special							
0127				Administration Costs For Utility Delay			
	Larson had extra costs to process change orders for the utility delay.						