

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

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11/12/2019

Contract: 20181211004 **Contractor:** CONCRETE STRUCTURES, INC. **Projects**
Location: Monroe 5005-00-71
Highway: Q

Prop. Line Item #.	Description	Unit Price	Unit	Authorized Quantity	Quantity Paid	Variation Quantity	Variation Percent
201.0105		200.00	STA	1.00	1.00	0.00	0%
	Clearing						
	0002						
201.0205		200.00	STA	1.00	1.00	0.00	0%
	Grubbing						
	0004						
203.0600.S		5000.00	LS	1.00	1.00	0.00	0%
	Rem Old Str Ovr Water Min Debris (sta)						
	0006			01. 10+00			
205.0100		14.00	CY	228.00	163.00	-65.00	-29%
	Excavation Common						
	0008 Plan error, grades didn't match from plan and profile to the cross sections.						
206.2000		12000.00	LS	1.00	1.00	0.00	0%
	Exc for Structures Culverts (structure)						
	0010			01. C-41-139			

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210.2500		13.00	TON	2,030.00	2,339.29	+309.29	+15%
	Backfill Structure Type B						
0012	Monroe County and the designers decided to shift the box 5 feet to the north which caused a larger excavation hole. Therefore, more backfill was needed to fill the larger excavation hole.						
213.0100		300.00	EACH	1.00	1.00	0.00	0%
	Finishing Roadway (project)						
0014				01. 5005-00-71			
305.0110		30.00	TON	66.00	64.32	-1.68	-3%
	Base Aggregate Dense 3/4-Inch						
0016							
305.0120		14.00	TON	369.00	405.37	+36.37	+10%
	Base Aggregate Dense 1 1/4-Inch						
0018							
311.0115		20.00	CY	240.00	296.00	+56.00	+23%
	Breaker Run						
0020							

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455.0605		5.80	GAL	28.00	0.00	-28.00	-100%
	Tack Coat						
0022	Item was not used.						
465.0105		115.10	TON	124.00	126.06	+2.06	+2%
	Asphaltic Surface						
0024							
504.0100		625.00	CY	212.00	212.40	+0.40	+0%
	Concrete Masonry Culverts						
0026							
505.0400		1.00	LB	32,560.00	32,591.00	+31.00	+0%
	Bar Steel Reinforcement HS Structures						
0028							
505.0600		1.20	LB	2,950.00	3,111.00	+161.00	+5%
	Bar Steel Reinforcemnt HS Coated Strctrs						
0030							

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516.0500		32.00	SY	32.00	32.00	0.00	0%
	Rubberized Membrane Waterproofing						
0032							
606.0300		50.00	CY	100.00	143.00	+43.00	+43%
	Riprap Heavy						
0034	More riprap was needed to protect the slope around wing 1.						
618.0100		100.00	EACH	1.00	1.00	0.00	0%
	Maintenance And Repair of Haul Roads						
0036				01. 5005-00-71			
619.1000		19375.00	EACH	1.00	1.00	0.00	0%
	Mobilization						
0038							
624.0100		12.00	MGAL	8.00	1.00	-7.00	-88%
	Water						
0040							

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625.0100		5.50	SY	563.00	563.00	0.00	0%
	Topsoil						
	0103						
	New topsoil was needed around the box culvert.						
625.0500		2.00	SY	906.00	109.00	-797.00	-88%
	Salvaged Topsoil						
	0042						
627.0200		.75	SY	906.00	812.00	-94.00	-10%
	Mulching						
	0044						
628.1504		2.50	LF	323.00	126.00	-197.00	-61%
	Silt Fence						
	0046						
628.1520		.01	LF	323.00	0.00	-323.00	-100%
	Silt Fence Maintenance						
	0048	Item was not used.					

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628.1905		400.00	EACH	2.00	2.00	0.00	0%
	Mobilizations Erosion Control						
	0050						
628.1910		400.00	EACH	2.00	1.00	-1.00	-50%
	Mobilization Emergency Erosion Control						
	0052						
628.2004		1.15	SY	278.00	278.00	0.00	0%
	Erosion Mat Class I Type B						
	0113						
	E-mat was added to help stabilize topsoil in the NE ditch.						
628.7504		10.00	LF	57.00	57.00	0.00	0%
	Temporary Ditch Checks						
	0108						
	Ditch checks needed to be added to a ditch on a steep slope.						
629.0210		250.00	CWT	0.80	0.75	-0.05	-6%
	Fertilizer Type B						
	0054						

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630.0110		25.00	LB	9.00	13.70	+4.70	+52%
	Seeding Mixture No. 10						
	0056						
630.0140		50.00	LB	2.00	2.60	+0.60	+30%
	Seeding Mixture No. 40						
	0058						
630.0160		60.00	LB	3.00	0.90	-2.10	-70%
	Seeding Mixture No. 60						
	0060						
630.0200		3.00	LB	28.00	29.00	+1.00	+4%
	Seeding Temporary						
	0062						
638.2602		20.00	EACH	4.00	4.00	0.00	0%
	Removing Signs Type II						
	0064						

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638.3000		20.00	EACH	4.00	4.00	0.00	0%
	Removing Small Sign Supports						
	0066						
642.5001		1000.00	EACH	1.00	0.00	-1.00	-100%
	Field Office Type B						
	0068 Item was not used.						
643.0420		.97	DAY	1,386.00	1,394.00	+8.00	+1%
	Traffic Control Barricades Type III						
	0070						
643.0705		.14	DAY	2,002.00	2,214.00	+212.00	+11%
	Traffic Control Warning Lights Type A						
	0072						
643.0900		.63	DAY	1,078.00	984.00	-94.00	-9%
	Traffic Control Signs						
	0074						

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643.5000		340.46	EACH	1.00	1.00	0.00	0%
	Traffic Control						
	0076						
645.0105		3.00	SY	360.00	444.00	+84.00	+23%
	Geotextile Type C						
	0078						
645.0120		3.50	SY	190.00	28.00	-162.00	-85%
	Geotextile Type HR						
	0080						
646.1020		58.75	LF	50.00	50.00	0.00	0%
	Marking Line Epoxy 4-Inch						
	0082						
650.4500		.01	LF	200.00	0.00	-200.00	-100%
	Construction Staking Subgrade						
	0084 Item was not used.						

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650.5000		1.50	LF	200.00	200.00	0.00	0%
	Construction Staking Base						
0086							
650.6500		2000.00	LS	1.00	1.00	0.00	0%
	Construction Staking Structure Layout						
0088				01. C-41-0139			
650.9910		300.00	LS	1.00	1.00	0.00	0%
	Const Staking Supplemental Contrl (proj)						
0090				01. 5005-00-71			
650.9920		1.50	LF	200.00	200.00	0.00	0%
	Construction Staking Slope Stakes						
0092							
690.0150		5.00	LF	66.00	66.00	0.00	0%
	Sawing Asphalt						
0094							

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715.0502	Incentive Strength Conc Structures	1.00	DOL	1,272.00	0.00	-1,272.00	-100%
0096							
SPV.0105	Special	2500.00	LS	1.00	1.00	0.00	0%
0098				01. Temporary Stream Diversion Channel Branch La Crosse River Culvert			
SPV.0105	Special	747.63	LS	1.00	1.00	0.00	0%
0118				Fixing Washouts			
	Restoring topsoil after heavy rain events.						