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**Rachel Vega**

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**From:** Chad Peters <CDP@csdavidson.com>  
**Sent:** Thursday, March 16, 2023 1:12 PM  
**To:** Rachel Vega; Corina Mann  
**Subject:** Bentley Farms - Security Reduction #3  
**Attachments:** 2023-03-16 Security Reduction #3.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Rachel and Corina,

Good afternoon. I have reviewed the security reduction request for Bentley Farms and I am recommending a formal reduction of \$21,047.40 based on field verification of completed activities. Please see attached reduction tabulation sheet. Please forward this on to the Applicant. If you have any questions or concerns please don't hesitate to contact me. Thank you and have a nice day.


Respectfully,

**Chad D. Peters, P.E.**  
*Client Representative*  
**C.S. DAVIDSON, INC.**  
(717) 814-4516 (direct)  
(610) 739-0303 (cell)

Developer (if applicable): Bentley Farms, LP  
Project Name: Bentley Farms Wedding Venue  
Municipality: Hellam Township

Engineer Project No: 1253.3.16.01  
Date: 3/16/2023

Description	Unit	Unit Price	Estimated Quantity	Quantity To Date	To Be Completed	Bonded Amount	Amount Remaining	Authorized for Release
<b>I. SITE WORK</b>						<b>\$64,500.00</b>		
Clearing and Grubbing	AC	\$3,200.00	2	2	0	\$6,400.00	\$0.00	\$6,400.00
Strip Top Soil & Stockpile	CY	\$4.00	1,340	1,340	0	\$5,360.00	\$0.00	\$5,360.00
Site Excavation and Fill	CY	\$5.00	1,470.0	1,470.0	0.0	\$7,350.00	\$0.00	\$7,350.00
Top Soil/Seed/Mulch	SY	\$6.00	7,565.0	7,565.0	0.0	\$45,390.00	\$0.00	\$45,390.00
<b>II. SOIL EROSION &amp; SEDIMENTATION CONTROL</b>						<b>\$15,758.00</b>		
Rock Construction Entrance	EA	\$800.00	1	1	0	\$800.00	\$0.00	\$800.00
Compost Filter Sock, 12"	LF	\$11.00	110	110	0	\$1,210.00	\$0.00	\$1,210.00
Compost Filter Sock, 18"	LF	\$13.00	96	96	0	\$1,248.00	\$0.00	\$1,248.00
Compost Filter Sock, 32"	LF	\$15.00	206	206	0	\$3,090.00	\$0.00	\$3,090.00
Grass Swale/Berm/Grading/Seeding/Lining	SY	\$20.00	450	450	0	\$9,000.00	\$0.00	\$9,000.00
Riprap Apron	TON	\$55.00	2	2	0	\$110.00	\$0.00	\$110.00
Inlet Protection	EA	\$100.00	3	3	0	\$300.00	\$0.00	\$300.00
<b>III. STORMWATER MANAGEMENT</b>						<b>\$139,740.00</b>		
Infiltration Trench Excavation	CY	\$5.00	1,612	1,612	0	\$8,060.00	\$0.00	\$8,060.00
Infiltration Trench/Bed - No. 3 Stone	TON	\$20.00	2,178	2,178	0	\$43,560.00	\$0.00	\$43,560.00
Non-woven Geotextile	SY	\$5.00	1,735	1,735	0	\$8,675.00	\$0.00	\$8,675.00
12" Perforated HDPE	LF	\$65.00	371	371	0	\$24,115.00	\$0.00	\$24,115.00
18" Diam. Cleanout Grate Top	EA	\$120.00	1	1	0	\$120.00	\$0.00	\$120.00
18" Diam. Cleanout Cover Top	EA	\$50.00	9	9	0	\$450.00	\$0.00	\$450.00
18" HDPE Cleanout Riser Pipe	LF	\$70.00	87	87	0	\$6,090.00	\$0.00	\$6,090.00
12" HDPE Discharge Pipe	LF	\$65.00	275	275	0	\$17,875.00	\$0.00	\$17,875.00
8" HDPE Discharge Pipe	LF	\$55.00	45	45	0	\$2,475.00	\$0.00	\$2,475.00
6" HDPE Discharge Pipe	LF	\$45.00	142	142	0	\$6,390.00	\$0.00	\$6,390.00
18" SLCPP	LF	\$45.00	74	74	0	\$3,330.00	\$0.00	\$3,330.00
Type-M Inlet (2'x4')	EA	\$1,900.00	4	4	0	\$7,600.00	\$0.00	\$7,600.00
Stormwater Manhole (4') w/ Frame/Lid	EA	\$3,000.00	3	3	0	\$9,000.00	\$0.00	\$9,000.00
As-built Plan	LS	\$2,000.00	1	0	1	\$2,000.00	\$2,000.00	\$0.00
<b>IV. STREET CONSTRUCTION</b>						<b>\$47,600.00</b>		
Subgrade Prep/Grading	SY	\$5.00	1,190	1,190	0	\$5,950.00	\$0.00	\$5,950.00
6" 3A Aggregate Base	SY	\$15.00	1,190	1,190	0	\$17,850.00	\$0.00	\$17,850.00
2" 25mm Superpave Binder Course	SY	\$11.00	1,190	1,190	0	\$13,090.00	\$0.00	\$13,090.00
1 1/2" 9.5mm Superpave Wearing Course	SY	\$9.00	1,190	0	1,190	\$10,710.00	\$10,710.00	\$0.00
<b>V. PARKING AREA CONSTRUCTION</b>						<b>\$97,692.00</b>		
Subgrade Prep/Grading	SY	\$5.00	2,326	2,326	0	\$11,630.00	\$0.00	\$11,630.00
Geogrid Mesh Lining	SY	\$5.00	2,326	2,326	0	\$11,630.00	\$0.00	\$11,630.00
6" Sand/Gravel Base	SY	\$15.00	2,326	2,326	0	\$34,890.00	\$0.00	\$34,890.00
Permeable Geogrid Paving System	SY	\$11.00	2,326	1,449	0	\$25,586.00	\$0.00	\$25,586.00
Top Soil and Seeding	SY	\$6.00	2,326	1,449	0	\$13,956.00	\$0.00	\$13,956.00
<b>VI. MISCELLANEOUS</b>						<b>\$34,290.00</b>		
Stop Sign w/ Post	EA	\$210.00	1	1	0	\$210.00	\$0.00	\$210.00
Light Pole w/ Fixture	EA	\$1,500.00	10	10	0	\$15,000.00	\$0.00	\$15,000.00
Tree	EA	\$200.00	53	53	0	\$10,600.00	\$0.00	\$10,600.00
Shrub	EA	\$75.00	55	55	0	\$4,125.00	\$0.00	\$4,125.00
Concrete Bumper Blocks	EA	\$65.00	67	2.0	0.0	\$4,355.00	\$0.00	\$4,355.00
<b>ESTIMATED CONSTRUCTION COST, TOTALS</b>						<b>\$399,580.00</b>	<b>\$12,710.00</b>	<b>\$386,870.00</b>
<b>VII. 10% CONTINGENCY</b>								
	Ea	N/A	1		1	\$39,958.00	\$1,271.00	\$38,687.00
1	<b>TOTAL SECURITY</b>					<b>\$439,538.00</b>		
2	<b>REMAINING SECURITY</b>						<b>\$13,981.00</b>	
3	<b>LESS PREVIOUS TOTAL</b>							<b>\$404,509.60</b>
4	<b>NET DRAW</b>							<b>\$21,047.40</b>

I CERTIFY THAT THIS ESTIMATE IS ACCURATE BASED ON MY QUALIFICATIONS AND EXPERIENCE.		
Chad D. Peters, P.E. (printed name)	 (signature)	Date: 3/16/2023
Estimate Prepared By: <u>Chad D. Peters</u>	Inspector: _____	



2645 Carnegie Road  
York, Pennsylvania 17402

717-757-4859 x303   
Tim@PaschCompanies.com   
www.PaschCompanies.com 

February 23, 2023

Hellam Township  
44 Walnut Springs Road  
Hellam, PA 17406

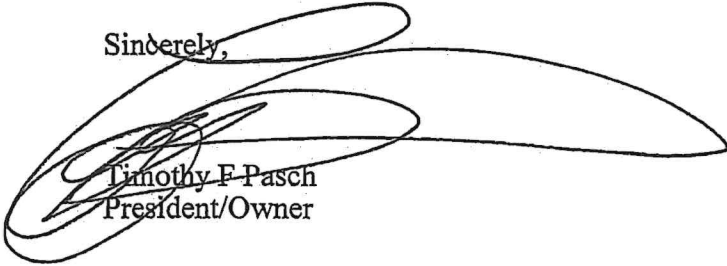
Re: Bond Reduction Stormwater Management

Dear Rachel Vega,

Attached is a copy of our Bond reduction for Stormwater Management. At this time I am requesting a Bond Reduction in the amount of \$23357.40. This will reduce the bond to \$11781.00. If you have further questions or concerns, please do not hesitate to call (717)757-4859.

Thank you for your assistance in this matter.

Sincerely,



Timothy F Pasch  
President/Owner

## BENTLEY FARMS Stormwater Management

Description	Unit	Unit Price	Est. Quantity	Prev. Qty to Date	Qty. This Period	Qty To Date	Total Approv. Project Cost	Prev. Approv. Applications	Current Application	Total Appl. To Date	Balance Remaining	% Cmpl
<b>SITE WORK</b>												
Clearing & Grubbing	AC	\$3,200.00	2.0	2.00	0.00	2.00	\$6,400.00	\$6,400.00	\$0.00	\$6,400.00	\$0.00	100.0%
Strip Topsoil & Stockpile	CY	\$4.00	1340.0	1340.00	0.00	1340.00	\$5,360.00	\$5,360.00	\$0.00	\$5,360.00	\$0.00	100.0%
Site Excavation & Fill	CY	\$5.00	1470.0	1470.00	0.00	1470.00	\$7,350.00	\$7,350.00	\$0.00	\$7,350.00	\$0.00	100.0%
Topsoil/Seed/Mulch	SY	\$6.00	7565.0	7565.00	0.00	7565.00	\$45,390.00	\$45,390.00	\$0.00	\$45,390.00	\$0.00	100.0%
<b>SOIL EROSION &amp; SEDIMENTATION CONTROL</b>												
Rock Construction Entrance	EA	\$800.00	1.0	1.00	0.00	1.00	\$800.00	\$800.00	\$0.00	\$800.00	\$0.00	100.0%
Compost Filter Sock 12"	LF	\$11.00	110.0	110.00	0.00	110.00	\$1,210.00	\$1,210.00	\$0.00	\$1,210.00	\$0.00	100.0%
Compost Filter Sock 18"	LF	\$13.00	96.0	96.00	0.00	96.00	\$1,248.00	\$1,248.00	\$0.00	\$1,248.00	\$0.00	100.0%
Compost Filter Sock 32"	LF	\$15.00	206.0	206.00	0.00	206.00	\$3,090.00	\$3,090.00	\$0.00	\$3,090.00	\$0.00	100.0%
Temporary Swales, incl. Seed/Mulch	SY	\$20.00	450.0	450.00	0.00	450.00	\$9,000.00	\$9,000.00	\$0.00	\$9,000.00	\$0.00	100.0%
Riprap Apron	Ton	\$55.00	2.0	2.00	0.00	2.00	\$110.00	\$110.00	\$0.00	\$110.00	\$0.00	100.0%
Inlet Protection	EA	\$100.00	3.0	2.00	1.00	3.00	\$300.00	\$200.00	\$100.00	\$300.00	\$0.00	100.0%
<b>STORMWATER MANAGEMENT</b>												
Infiltration Trench Excavation	CY	\$5.00	1612.0	1612.00	0.00	1612.00	\$8,060.00	\$8,060.00	\$0.00	\$8,060.00	\$0.00	100.0%
Infiltration Trench/Bed No 3 Stone	Ton	\$20.00	2178.0	2178.00	0.00	2178.00	\$43,560.00	\$43,560.00	\$0.00	\$43,560.00	\$0.00	100.0%
Non-woven Geotextile	SY	\$5.00	1735.0	1735.00	0.00	1735.00	\$8,675.00	\$8,675.00	\$0.00	\$8,675.00	\$0.00	100.0%
12" Perforated HDPE	LF	\$65.00	371.0	371.00	0.00	371.00	\$24,115.00	\$24,115.00	\$0.00	\$24,115.00	\$0.00	100.0%
18" Cleanout Grate Top	EA	\$120.00	1.0	1.00	0.00	1.00	\$120.00	\$120.00	\$0.00	\$120.00	\$0.00	100.0%
18" Cleanout Cover Top	EA	\$50.00	9.0	9.00	0.00	9.00	\$450.00	\$450.00	\$0.00	\$450.00	\$0.00	100.0%
18" HDPE Cleanout Riser Pipe	LF	\$70.00	87.0	87.00	0.00	87.00	\$6,090.00	\$6,090.00	\$0.00	\$6,090.00	\$0.00	100.0%
12" HDPE Discharge Pipe	LF	\$65.00	275.0	275.00	0.00	275.00	\$17,875.00	\$17,875.00	\$0.00	\$17,875.00	\$0.00	100.0%
8" HDPE Discharge Pipe	LF	\$55.00	45.0	45.00	0.00	45.00	\$2,475.00	\$2,475.00	\$0.00	\$2,475.00	\$0.00	100.0%
6" HDPE Discharge Pipe	LF	\$45.00	142.0	142.00	0.00	142.00	\$6,390.00	\$6,390.00	\$0.00	\$6,390.00	\$0.00	100.0%
18" SL CPP	LF	\$45.00	74.0	74.00	0.00	74.00	\$3,330.00	\$3,330.00	\$0.00	\$3,330.00	\$0.00	100.0%
Type-M Inlet	EA	\$1,900.00	4.0	4.00	0.00	4.00	\$7,600.00	\$7,600.00	\$0.00	\$7,600.00	\$0.00	100.0%
Stormwater Manholew/Frame/Lid	EA	\$3,000.00	3.0	3.00	0.00	3.00	\$9,000.00	\$9,000.00	\$0.00	\$9,000.00	\$0.00	100.0%
As-Built Plan	LS	\$2,000.00	1.0	0.00	1.00	1.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00	100.0%
<b>STREET CONSTRUCTION</b>												
Subgrade Prep/Grading	SY	\$5.00	1190.0	1190.00	0.00	1190.00	\$5,950.00	\$5,950.00	\$0.00	\$5,950.00	\$0.00	100.0%
6" 3A Aggregate Base	SY	\$15.00	1190.0	1190.00	0.00	1190.00	\$17,850.00	\$17,850.00	\$0.00	\$17,850.00	\$0.00	100.0%
2" 25mm Superpave Binder Course	SY	\$11.00	1190.0	1190.00	0.00	1190.00	\$13,090.00	\$13,090.00	\$0.00	\$13,090.00	\$0.00	100.0%
1 1/2" 9.5mm Superpave Wearing Course	SY	\$9.00	1190.0	1190.00	0.00	1190.00	\$10,710.00	\$0.00	\$0.00	\$10,710.00	\$10,710.00	0.0%

**PARKING AREA CONSTRUCTION**

Subgrade Prep/Grading	SY	\$5.00	2326.0	2326.00	0.00	2326.00	\$11,630.00	\$11,630.00	\$0.00	\$11,630.00	\$0.00	100.0%
Geogrid Mesh Lining	SY	\$5.00	2326.0	2326.00	0.00	2326.00	\$11,630.00	\$11,630.00	\$0.00	\$11,630.00	\$0.00	100.0%
6" Sand/Gravel Base	SY	\$15.00	2326.0	2326.00	0.00	2326.00	\$34,890.00	\$34,890.00	\$0.00	\$34,890.00	\$0.00	100.0%
Permeable Geogrid Paving System	SY	\$11.00	2326.0	1449.00	877.00	2326.00	\$25,586.00	\$15,939.00	\$9,647.00	\$25,586.00	\$0.00	100.0%
Topsoil & Seeding	SY	\$6.00	2326.0	1449.00	877.00	2326.00	\$13,956.00	\$8,694.00	\$5,262.00	\$13,956.00	\$0.00	100.0%

**MISCELLANEOUS**

Stop Sign including post	EA	\$210.00	1.0	1.00	0.00	1.00	\$210.00	\$210.00	\$0.00	\$210.00	\$0.00	100.0%
Light Pole w/ Fixture	EA	\$1,500.00	10.0	10.00	0.00	10.00	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00	\$0.00	100.0%
Tree	EA	\$200.00	53.0	53.00	0.00	53.00	\$10,600.00	\$10,600.00	\$0.00	\$10,600.00	\$0.00	100.0%
Shrub	EA	\$75.00	55.0	55.00	0.00	55.00	\$4,125.00	\$4,125.00	\$0.00	\$4,125.00	\$0.00	100.0%
Concrete Bumper Blocks	EA	\$65.00	67.0	2.00	65.00	67.00	\$4,355.00	\$130.00	\$4,225.00	\$4,355.00	\$0.00	100.0%

<b>Total</b>												
Engineering & Inspection							\$399,580.00	\$367,636.00	\$21,234.00	\$388,870.00	\$10,710.00	
10% Construction Contingency							\$39,958.00	\$36,763.60	\$2,123.40	\$38,887.00	\$1,071.00	
							\$439,538.00					
										\$427,757.00		

**Total Request This Application \$23,357.40**

**Remaining Surety \$11,781.00**