

**Lawn and Ophelia Park Stormwater Project - Total Project Costs**

<b>Description</b>	<b>Company</b>	<b>Commitment Type</b>	<b>Actuals Approved</b>
EC-S&GI-01 final design and construction	Ethos Collaborative	Stormwater Systems & GI	\$ 112,002.35
HRG-CM-16 CM/CI	H.R. Gray and Associates, Inc.	CM-CI	117,278.32
Construction Contract	FRANK J ZOTTOLA CONSTRUCTION, INC.	General Contractor	828,796.66
Constructability Review- Hatch	HATCH ASSOCIATES CONSULTANTS, INC.	Planning and Design Related	2,008.35
Topographic and Utility Survey	Sci-Tek Consultants, Inc.	Planning and Design Related	12,166.85
EC00-02 DESIGN AWARDED TO VALUE	Ethos Collaborative	Planning and Design Related	137,623.92
Constructability Review- Hatch	HATCH ASSOCIATES CONSULTANTS, INC.	Planning and Design Related	8,155.34
JMT00-18 Constructability Review	Johnson, Mirmiran, Thompson, Inc.	Other Services	10,395.12
			<b>\$ 1,228,426.91</b>
		PWSA Funded	1,129,955.91
		City of Pittsburgh Funded	98,471.00



THE  
PITTSBURGH  
WATER AND SEWER AUTHORITY

**CONTRACTOR'S APPLICATION FOR PAYMENT**

**PWSA PROJECT NAME:** Lawn and Ophelia Green  
Infrastructure Project

**PWSA PROJECT No:** 2017-424-104-0

**APPLICATION No.** 1

**CONTRACTOR:** Frank J. Zottola Construction, Inc.  
595 Pittsburgh Road  
Butler, PA 16002

**CONTRACT DATE:** 06/13/22

**PERIOD FROM:** 06/13/22  
**PERIOD TO:** 07/31/22

**CHANGES IN WORK SUMMARY**

Changes in the Work This Period		Additions	Deletions
No.	Date		
Totals		\$ -	\$ -
Net Changes in Work		\$ -	\$ -

**BILLING SUMMARY**

1. ORIGINAL CONTRACT SUM	\$ 845,150.00
2. CHANGES IN THE WORK	\$ -
3. CONTRACT SUM TO DATE (1 + 2)	\$ 845,150.00
4. TOTAL COMPLETED AND STORED TO DATE (Complete to Date Total From Itemization Sheet)	\$ 113,486.25
5. CONTRACT AMOUNT REMAINING (3 - 4)	731,663.75
6. RETAINAGE 10%	11,348.63
7. LESS PREVIOUS APPLICATIONS	
8. CURRENT PAYMENT DUE (4 - 6 - 7)	\$ 102,137.62
9. BALANCE REMAINING (3 - 7 - 8)	\$ 743,012.38

**LIQUIDATED DAMAGES SUMMARY**

(Reflected in Line 4 of the Billing Summary, from Itemization)

Liquidated Damages This Period		
No.	Date	Amount Assessed
Total		\$ -

**IS THIS A FINAL PAY APPLICATION?**

Yes  No

**IS THIS A RETAINAGE RELEASE APPLICATION?**

Yes  No

**IF SO, HOW MUCH RETAINAGE IS BEING RELEASED IN THIS ESTIMATE?**

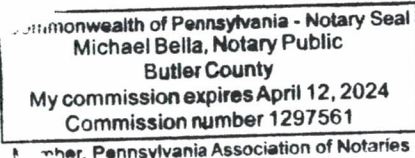
\$ -

**CONTRACTOR'S CERTIFICATION**

I certify that all items and amounts shown on the face of this Application for Payment are correct; that all work has been performed and/or material supplied in accordance with the requirements of the referenced Contract and/or duly authorized deviations, substitutions, alterations, and/or additions; that the foregoing is a true and correct statement of the Contract account up to and including the last day of the period covered by this Application for Payment; that no part of the "Current Payment Due" has been received; and that all claims and/or requests for payment for labor, materials, equipment, subcontractors, suppliers and/or materialmen, which were set forth in the preceding Application(s) for Payment, have been paid.

**CONTRACTOR**

By: [Signature] Date: 8/10/2022  
 Title: VICE PRESIDENT  
 State of: PA County of: Butler  
 Subscribed and sworn to before me this 10 day of August 2022  
 Notary Public: [Signature]  
 My Commission Expires: 4/12/2024





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**QUANTITY ITEMIZATION SHEET**

<b>CONTRACTOR:</b> Frank J. Zottola Construction, Inc. 595 Pittsburgh Road Butler, PA 16002	<b>PWSA PROJECT No.:</b> 2017-424-104-0  <b>PWSA PROJECT NAME:</b> Lawn and Ophelia Green Infrastructure Project	<b>APPLICATION No.:</b> 1  <b>PERIOD FROM:</b> 06/13/22 <b>PERIOD TO:</b> 07/31/22
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ITEM NO.	DESCRIPTION	TOTAL ORIGINAL CONTRACT				COMPLETE THIS PERIOD			COMPLETE TO DATE				
		UNIT	QUANTITY	UNIT COST	TOTAL COST	QUANTITY	TOTAL COST	RETAINAGE THIS PERIOD	QUANTITY	TOTAL COST	PERCENT COMPLETE	BALANCE REMAINING	RETAINAGE
U-1	Mobilization and Demobilization, Permits, Bonds, and Insurance	LS	1	\$ 35,000.00	\$35,000.00	0.50	\$17,500.00	\$1,750.00	0.5000000	\$17,500.00	50.00%	\$17,500.00	\$1,750.00
U-2	Maintenance and Protection of Traffic	LS	1	\$ 12,500.00	\$12,500.00	0.10	\$1,250.00	\$125.00	0.1000000	\$1,250.00	10.00%	\$11,250.00	\$125.00
U-4	Rock and Obstruction Excavation, All Depths	CY	10	\$ 200.00	\$2,000.00	7.70	\$1,540.00	\$154.00	7.7000000	\$1,540.00	77.00%	\$460.00	\$154.00
U-5	Exploratory Excavation and Backfill	CY	11	\$ 150.00	\$1,650.00							\$1,650.00	
U-6	Hand Digging and Tunneling	MHR	8	\$ 75.00	\$600.00							\$600.00	
U-7	Additional Bedding Material, As Directed	CY	10	\$ 65.00	\$650.00							\$650.00	
U-8	Concrete Utility Protection, Encasements, and Cradles	CY	11	\$ 250.00	\$2,750.00							\$2,750.00	
U-10	Flowable Fill	CY	10	\$ 250.00	\$2,500.00							\$2,500.00	
U-11	Bypass/Dewatering Pumping as Directed	HR	20	\$ 100.00	\$2,000.00							\$2,000.00	
U-12	Flag Person	MHR	10	\$ 65.00	\$650.00	48.00	\$3,120.00	\$312.00	48.0000000	\$3,120.00	480.00%	-\$2,470.00	\$312.00
U-13	Off Duty Uniformed Officer	MHR	10	\$ 70.00	\$700.00							\$700.00	
U-14	Miscellaneous Work Time for a Full Crew	CHR	10	\$ 500.00	\$5,000.00							\$5,000.00	
U-15	Miscellaneous Premium Work for Full Time Crew	CHR	10	\$ 300.00	\$3,000.00							\$3,000.00	
U-16	Field Survey and Engineering	LS	1	\$ 5,500.00	\$5,500.00	0.10	\$550.00	\$55.00	0.1000000	\$550.00	10.00%	\$4,950.00	\$55.00
U-17	Master Plumber Time	MHR	10	\$ 100.00	\$1,000.00							\$1,000.00	
U-18	Journeyman Plumber Time	MHR	10	\$ 75.00	\$750.00							\$750.00	
U-100	Site Removals	LS	1	\$ 7,500.00	\$7,500.00							\$7,500.00	
U-101	Class 1A Excavation – Over-Excavation, Removal of Unsuitable Materials, and Backfill	CY	50	\$ 108.00	\$5,400.00							\$5,400.00	
U-102	Class 1B Excavation - Removal of Sidewalks, Curbs, and Pavement	CY	542	\$ 35.00	\$18,970.00	30.10	\$1,053.50	\$105.35	30.1000000	\$1,053.50	5.55%	\$17,916.50	\$105.35





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ESC-1	Compost Filter Sock, Up to 18" in Diameter	LF	375	\$ 10.00	\$3,750.00	370.00	\$3,700.00	\$370.00	370.0000000	\$3,700.00	98.67%	\$50.00	\$370.00
ESC-2	Rock Construction Entrance	EA	1	\$ 1,500.00	\$1,500.00	1.00	\$1,500.00	\$150.00	1.0000000	\$1,500.00	100.00%		\$150.00
ESC-3	Compost Sock Concrete Washout	EA	1	\$ 1,500.00	\$1,500.00							\$1,500.00	
ESC-4	Inlet Filter Bag Protection	EA	4	\$ 150.00	\$600.00	2.00	\$300.00	\$30.00	2.0000000	\$300.00	50.00%	\$300.00	\$30.00
ESC-5	Stone and Concrete Block Inlet Protection	EA	4	\$ 150.00	\$600.00							\$600.00	
ESC-6	Pumped Water Filter Bag	EA	2	\$ 150.00	\$300.00							\$300.00	
ESC-8	Tree Protection Fence	EA	8	\$ 250.00	\$2,000.00	4.00	\$1,000.00	\$100.00	4.0000000	\$1,000.00	50.00%	\$1,000.00	\$100.00
ESC-10	Erosion Control Blanket, Slope Installation	SY	64	\$ 11.00	\$704.00							\$704.00	
ESC-10	Temporary Seeding Mix	SY	200	\$ 4.00	\$800.00							\$800.00	
R-1	Concrete Paving Base, All Classes and Depths	CY	52	\$ 425.00	\$22,100.00							\$22,100.00	
R-3	Concrete Sidewalk and ADA Handicap Ramp	SY	79	\$ 140.00	\$11,060.00							\$11,060.00	
R-4	Concrete Deep Curb and Deep Radius Curb	LF	41	\$ 55.00	\$2,255.00							\$2,255.00	
R-7	Cold Patch Bituminous Pavement Replacement	TON	10	\$ 200.00	\$2,000.00							\$2,000.00	
R-11	1 1/2" Bituminous Pavement - Wearing Course - Primary Street	SY	210	\$ 20.00	\$4,200.00							\$4,200.00	
R-11A	2 1/2" Bituminous Pavement, Wearing Course - Rain Garden Path	SY	159	\$ 20.00	\$3,180.00							\$3,180.00	
R-12	2 1/2" Bituminous Pavement, Binder Course - Primary Street	SY	210	\$ 32.00	\$6,720.00							\$6,720.00	
R-12A	1 1/2" Bituminous Pavement - Binder Course - Rain Garden Path	SY	159	\$ 32.00	\$5,088.00							\$5,088.00	
R-20	Clearing & Grubbing	SY	750	\$ 15.00	\$11,250.00							\$11,250.00	



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<b>PWSA PROJECT NAME:</b> Lawn and Ophelia Green Infrastructure Project	<b>PERIOD FROM:</b> 06/13/22	<b>PERIOD TO:</b> 07/31/22

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R-21	Crushed Stone Sub-Base	CY	65	\$ 65.00	\$4,225.00							\$4,225.00	
R-100	Monolithic Concrete Curb and Gutter	LF	350	\$ 75.00	\$26,250.00							\$26,250.00	
R-101	Remove, Store, and Reset Existing Street Sign	EA	3	\$ 224.00	\$672.00	0.50	\$112.00	\$11.20	0.5000000	\$112.00	16.67%	\$560.00	\$11.20
R-102	Remove, Store, and Reset Existing Wrought Iron Fence	LF	310	\$ 205.00	\$63,550.00	155.00	\$31,775.00	\$3,177.50	155.0000000	\$31,775.00	50.00%	\$31,775.00	\$3,177.50
R-103	White Thermoplastic Pavement Marking at Crosswalk, 24" Wide	LF	36	\$ 35.00	\$1,260.00							\$1,260.00	
R-104	Trail Surface Aggregate (TSA) Surface at Rain Garden	SY	41	\$ 65.00	\$2,665.00							\$2,665.00	
R-105	Trail Surface Aggregate (TSA) Surfacing at Overlook	SY	133	\$ 65.00	\$8,645.00							\$8,645.00	
R-106	42" Welded Wire Steel Fence at Overlook, Including Removal of Existing	LF	90	\$ 292.00	\$26,280.00							\$26,280.00	
G-1	Modular Stormwater Storage - R-Tank Or StormTech MC3500	LS	1	\$ 275,000.00	\$275,000.00	0.10	\$27,500.00	\$2,750.00	0.1000000	\$27,500.00	10.00%	\$247,500.00	\$2,750.00
G-8	Mulch, Hardwood	CY	12	\$ 75.00	\$900.00							\$900.00	
G-9	Mulch, Oat, or Wheat Straw	SY	750	\$ 3.00	\$2,250.00							\$2,250.00	
G-10	Engineered Soil	CY	115	\$ 110.00	\$12,650.00							\$12,650.00	
G-14	Type DW Concrete Endwall with River Rock Stone Apron	EA	1	\$ 3,500.00	\$3,500.00							\$3,500.00	
G-17	Maintenance and Watering of Landscaping (1st year)	LS	1	\$ 7,350.00	\$7,350.00							\$7,350.00	
G-27	Planting Soil	CY	49	\$ 100.00	\$4,900.00							\$4,900.00	
G-37	6" Dual-Trap Catch Basin with Permanent Inlet Protection, Cast-in-Place	EA	1	\$ 10,025.00	\$10,025.00							\$10,025.00	
G-47	48" x 48" Outlet Control Structure	EA	1	\$ 9,750.00	\$9,750.00							\$9,750.00	
G-50	Trees Planted within Park Boundary - All Calipers, Deciduous	EA	3	\$ 800.00	\$2,400.00							\$2,400.00	





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G-51	Trees Planted Across Ophelia Street - All Calipers, Deciduous	EA	7	\$ 900.00	\$6,300.00							\$6,300.00	
G-54	Shrubs (3 Gal)	EA	30	\$ 95.00	\$2,850.00							\$2,850.00	
G-56a	Perennials (1 Gal)	EA	720	\$ 20.00	\$14,400.00							\$14,400.00	
G-100	Permanent Seeding, Rain Garden and Native Wildflower / Grass Mixes	SY	270	\$ 15.00	\$4,050.00							\$4,050.00	
G-101	Permanent Seeding, No Mow Fescue Mix	SY	500	\$ 8.00	\$4,000.00							\$4,000.00	
G-102	Rebuilt Existing Catch Basins, with Internal Weir	EA	2	\$ 8,500.00	\$17,000.00							\$17,000.00	
G-103	Sandstone Boulder Seating at Rain Garden	LS	1	\$ 8,800.00	\$8,800.00							\$8,800.00	
S-3	12" SDR 26 Sewer Pipe	LF	29	\$ 62.00	\$1,798.00							\$1,798.00	
S-4	15" SDR 26 Sewer Pipe	LF	17	\$ 92.00	\$1,564.00							\$1,564.00	
S-5	18" SDR 26 Sewer Pipe	LF	142	\$ 152.00	\$21,584.00	41.00	\$6,232.00	\$623.20	41.0000000	\$6,232.00	28.87%	\$15,352.00	\$623.20
S-100	10" Class 52 Ductile Iron Sewer Pipe	LF	60	\$ 142.00	\$8,520.00							\$8,520.00	
S-35	Trench Excavation 0' - 15' Depth	CY	133	\$ 85.00	\$11,305.00	46.83	\$3,980.55	\$398.06	46.8300000	\$3,980.55	35.21%	\$7,324.45	\$398.06
S-37	Aggregate Trench Backfill Above Pipe Zone	CY	132	\$ 60.00	\$7,920.00	31.22	\$1,873.20	\$187.32	31.2200000	\$1,873.20	23.65%	\$6,046.80	\$187.32
S-38	Earthen Backfill Above Pipe Zone	CY	4	\$ 25.00	\$100.00							\$100.00	
S-39	Additional PVC Fittings - 10" and Smaller	EA	10	\$ 1,000.00	\$10,000.00							\$10,000.00	
S-40	Additional PVC Fittings - Larger than 10"	EA	5	\$ 2,500.00	\$12,500.00							\$12,500.00	
S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$ 8,000.00	\$8,000.00	1.00	\$8,000.00	\$800.00	1.0000000	\$8,000.00	100.00%		\$800.00
S-55	Manhole Tie-in / Connection	EA	1	\$ 1,500.00	\$1,500.00	1.00	\$1,500.00	\$150.00	1.0000000	\$1,500.00	100.00%		\$150.00



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595 Pittsburgh Road			<b>PERIOD TO:</b>	07/31/22
Butler, PA 16002				

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S-65	Catch Basin - Cast-In-Place - Type 13	EA	5	\$ 7,000.00	\$35,000.00							\$35,000.00	
S-69	Catch Basin/Inlet Tie-in	EA	9	\$ 1,000.00	\$9,000.00							\$9,000.00	
S-71	Rigid Concrete Bulkhead (15" to 24")	EA	4	\$ 1,000.00	\$4,000.00	1.00	\$1,000.00	\$100.00	1.0000000	\$1,000.00	25.00%	\$3,000.00	\$100.00
S-99	CCTV Inspection - All Pipe Sizes and Materials	LF	248	\$ 20.00	\$4,960.00							\$4,960.00	
<b>TOTALS</b>					<b>\$845,150.00</b>		<b>\$113,486.25</b>	<b>\$11,348.63</b>		<b>\$113,486.25</b>		<b>\$731,663.75</b>	<b>\$11,348.63</b>