



ENGINEERING DEPARTMENT
BOND RELEASE REQUEST RECOMMENDATION

BOND ACTION REQUEST NO.: D0408-08-PH4

Development Name: Park Place, Phase 4

Release No.: 8

Requested By: Park Place Marketing, LLC Date of Request: 10/21/19


RECOMMENDATION: PARTIAL RELEASE

Amount of request to be released
from the Requestor: \$83,774.64

Amount recommended to be released
as per the Engineer: 83,774.64

Original amount of surety:	\$	823,905.04
Previous amount released:	\$	663,586.40
Current balance of surety:	\$	160,318.64
Amount recommended for this release:	\$	83,774.64
Balance after this request:	\$	76,544.00

- ☐ **FINANCE DEPT:** Please **deduct \$150.00** from D Account D0408 for Township Sewer & Water costs associated with this Development.
- ☒ **FINANCE DEPT:** Please **deduct \$300.00** from D Account D0408 for Township Administrative costs associated with this Development.



Jason M. Kratsas, P.E.
Director, Engineering

10/21/19
Date

To: Park Place Marketing, LLC
Bond File

From: Jason M. Kratsas, P.E., Director
Engineering

Date: October 22, 2019

Re: Park Place, Phase 4
Release No. 8

ACTION REQUESTED

☐ Full and Complete Bond Release

☒ Partial Bond Release

RECOMMENDATIONS

The Engineering Department has reviewed the above-mentioned request from Park Place Marketing, LLC, dated October 16, 2019, regarding the following bond release request:

Bond Part	Requested Line Items	Approved Line Items	Requested 10% Retainage	Approved 10% Retainage	Total Approved Amount	Balance To Finish (including Retainage)
General	\$60,239.38	\$60,239.38	\$23,535.26	\$23,535.26	\$83,774.64	\$76,544.00
Sewer and Water	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$60,239.38	\$60,239.38	\$23,535.26	\$23,535.26	\$83,774.64	\$76,544.00

Please reference the attached revised cost estimate after Release #8 for a detailed breakdown of each line item for the bond. Holding back retainage. This revised estimate shall be the basis for the next future bond release request.

BOND SUMMARY

Original Amount of Security	\$823,905.04
Release No. 1	<u>156,637.00</u>
Balance after Release No. 1	\$667,268.04
Release No. 2	<u>143,799.50</u>
Balance after Release No. 2	\$523,468.54
Release No. 3	<u>176,524.28</u>
Balance after Release No. 3	\$346,944.26
Release No. 4	<u>29,985.00</u>
Balance after Release No. 4	\$316,959.26
Release No. 5	<u>4,000.00</u>
Balance after Release No. 5	\$312,959.26
Release No. 6	<u>130,680.62</u>
Balance after Release No. 6	\$182,278.64
Release No. 7	<u>21,960.00</u>
Balance after Release No. 7	\$160,318.64
Release No. 8 (Current)	<u>83,774.64</u>
Remaining Balance after this Recommended Release Including 10% Retainage	\$76,544.00

Please be advised that pursuant to the PA MPC the bonding company or federal or a commonwealth chartered lending institution or other entity posting the financial security may not release these funds until receipt of notification of formal action by the Township Board of Supervisors. Notification will be made under separate cover as to the action taken by the Board of Supervisors.

Park Place, Phase 4
Request No. 8 For Sequestered Funds Release Received October 16, 2019

Description of Work	Construction Cost	Scheduled Value 110%	Work Completed Previous Application	This Application	Total Completed	Balance To Finish	10% Retainage
Storm Sewers							
24" HDPE w/bedding & backfill 144 LF @ \$45.00	\$6,480.00	\$7,128.00	\$6,480.00	\$0.00	\$6,480.00	\$0.00	\$0.00
15" HDPE w/bedding & backfill 637 LF @ \$33.50	\$21,339.50	\$23,473.45	\$21,339.50	\$0.00	\$21,339.50	\$0.00	\$0.00
8" HDPE w/bedding & backfill 840 LF @ \$21.25	\$17,850.00	\$19,635.00	\$17,850.00	\$0.00	\$17,850.00	\$0.00	\$1,785.00
6" HDPE w/bedding & backfill 340 LF @ \$19.50	\$6,630.00	\$7,293.00	\$6,630.00	\$0.00	\$6,630.00	\$0.00	\$663.00
Manifold Connectors 4 EA @ \$175.00	\$700.00	\$770.00	\$700.00	\$0.00	\$700.00	\$0.00	\$0.00
Standard 2'x4' Inlet w/3.25" Frames 6 EA @ \$2,450.00	\$14,700.00	\$16,170.00	\$14,700.00	\$0.00	\$14,700.00	\$0.00	\$0.00
Type 1 Inlet w/3.25" Frames 1 EA @ \$3,000.00	\$3,000.00	\$3,300.00	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$0.00
6" Lateral Connectors & Markers 25 EA @ \$135.00	\$3,375.00	\$3,712.50	\$3,375.00	\$0.00	\$3,375.00	\$0.00	\$0.00
Tap into Exist Structure (24") 1 EA @ \$1,500.00	\$1,500.00	\$1,650.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00
Tap into Exist Structure (6") 1 EA @ \$800.00	\$800.00	\$880.00	\$800.00	\$0.00	\$800.00	\$0.00	\$0.00
Tap into Exist Structure (8") 1 EA @ \$1,200.00	\$1,200.00	\$1,320.00	\$1,200.00	\$0.00	\$1,200.00	\$0.00	\$0.00
Special Backfill (2A Road Crossing) 175 TON @ \$30.00	\$5,250.00	\$5,775.00	\$5,250.00	\$0.00	\$5,250.00	\$0.00	\$0.00
As-Built 1 LS @ \$4,000.00	\$4,000.00	\$4,400.00	\$4,000.00	\$0.00	\$4,000.00	\$0.00	\$400.00
Sidewalks & Ramps							
Concrete Sidewalk 10,250 SF @ \$5.50	\$56,375.00	\$62,012.50	\$21,140.62	\$28,359.38	\$49,500.00	\$6,875.00	\$5,637.50
Stamped Concrete 390 SF @ \$22.00	\$8,580.00	\$9,438.00	\$0.00	\$8,580.00	\$8,580.00	\$0.00	\$858.00
Public Streets							
Fine Grade; Install 8" aggregate base, pave w/5" 25mm binder & 1 1/2" 9.5mm wearing 2,628 SY @ \$38.11	\$100,153.08	\$110,168.39	\$100,153.08	\$0.00	\$100,153.08	\$0.00	\$0.00
Heavy Duty Geotextile Fabric 2,890 SY @ \$1.75	\$5,057.50	\$5,563.25	\$5,057.50	\$0.00	\$5,057.50	\$0.00	\$0.00
Road Underdrains 1,875 LF @ \$7.92	\$14,850.00	\$16,335.00	\$14,850.00	\$0.00	\$14,850.00	\$0.00	\$0.00
Concrete Curb 1,875 LF @ \$18.50	\$34,687.50	\$38,156.25	\$34,687.50	\$0.00	\$34,687.50	\$0.00	\$0.00
Line Striping 1 LS @ \$300.00	\$300.00	\$330.00	\$0.00	\$300.00	\$300.00	\$0.00	\$0.00
Inlet Risers 9 LS @ \$250.00	\$2,250.00	\$2,475.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00	\$0.00
Final Wearing 1 1/2" 9.5mm Superpave 2,628 SY @ \$7.50	\$19,710.00	\$21,681.00	\$19,710.00	\$0.00	\$19,710.00	\$0.00	\$0.00
Landscaping							
Street Lights & Base 11 EA @ \$9,500.00	\$104,500.00	\$114,950.00	\$104,500.00	\$0.00	\$104,500.00	\$0.00	\$10,450.00
Street Signs (Various) 4 EA @ \$300.00	\$1,200.00	\$1,320.00	\$0.00	\$0.00	\$0.00	\$1,200.00	\$120.00
Deciduous Trees 77 EA @ \$500.00	\$38,500.00	\$42,350.00	\$0.00	\$23,000.00	\$23,000.00	\$15,500.00	\$3,850.00
Ornamental Trees 24 EA @ \$280.00	\$6,720.00	\$7,392.00	\$5,040.00	\$0.00	\$5,040.00	\$1,680.00	\$672.00
Shrubs 34 EA @ \$50.00	\$1,700.00	\$1,870.00	\$0.00	\$0.00	\$0.00	\$1,700.00	\$170.00
Bench 8 EA @ \$1,500.00	\$12,000.00	\$13,200.00	\$0.00	\$0.00	\$0.00	\$12,000.00	\$1,200.00
Trash Receptacle 3 EA @ \$1,000.00	\$3,000.00	\$3,300.00	\$0.00	\$0.00	\$0.00	\$3,000.00	\$300.00
Utilities							
Gas Service Crossing w/2A & Markers 9 EA @ \$475.00	\$4,275.00	\$4,702.50	\$4,275.00	\$0.00	\$4,275.00	\$0.00	\$427.50
Gas Main Install 1,050 LF @ \$8.50	\$8,925.00	\$9,817.50	\$8,925.00	\$0.00	\$8,925.00	\$0.00	\$892.50
Gas Line Sand Bedding 135 TON @ \$18.00	\$2,430.00	\$2,673.00	\$2,430.00	\$0.00	\$2,430.00	\$0.00	\$243.00
P-T-C Crossings w/2A & Markers 3 EA @ \$900.00	\$2,700.00	\$2,970.00	\$2,700.00	\$0.00	\$2,700.00	\$0.00	\$270.00
P-T-C Trenching/Backfill 1,550 LF @ \$9.00	\$13,950.00	\$15,345.00	\$13,950.00	\$0.00	\$13,950.00	\$0.00	\$1,395.00
P-T-C Line Sanding Bedding 260 TON @ \$18.00	\$4,680.00	\$5,148.00	\$4,680.00	\$0.00	\$4,680.00	\$0.00	\$468.00

Erosion & Sedimentation Control

30" Silt Fence around Spoil Pile							
500 LF @ \$3.50	\$1,750.00	\$1,925.00	\$1,750.00	\$0.00	\$1,750.00	\$0.00	\$175.00
Seed & Mulch w/Tactifier on All							
90,000 SF @ \$0.09	\$7,875.00	\$8,662.50	\$7,875.00	\$0.00	\$7,875.00	\$0.00	\$787.50
Stone at Construction Entrance							
100 TON @ \$32.50	\$3,250.00	\$3,575.00	\$3,250.00	\$0.00	\$3,250.00	\$0.00	\$325.00

Excavation

Mobilize Crew, Cut Grade & Compact Roadway Slot, Load & Haul Cut & Utility Spoils							
5,000 CY @ \$7.00	\$35,000.00	\$38,500.00	\$35,000.00	\$0.00	\$35,000.00	\$0.00	\$3,500.00
	\$581,242.58	\$639,366.84	\$479,048.20	\$60,239.38	\$539,287.58	\$41,955.00	\$34,589.00

Park Place, Phase 4

SEWER AND WATER ITEMS

Request No. 8 For Sequestered Funds Release Received October 16, 2019

Description of Work	Construction Cost	Scheduled Value 110%	Work Completed Previous Application	This Application	Total Completed	Balance To Finish	10% Retainage
Sanitary Sewer							
6" PVC SDR-35 Lateral							
784 LF @ \$29.00	\$22,736.00	\$25,009.60	\$22,736.00	\$0.00	\$22,736.00	\$0.00	\$0.00
6" SDR 35 Lateral Connectors							
25 EA @ \$135.00	\$3,375.00	\$3,712.50	\$3,375.00	\$0.00	\$3,375.00	\$0.00	\$0.00
8" PVC SDR-35							
860 LF @ \$31.50	\$27,090.00	\$29,799.00	\$27,090.00	\$0.00	\$27,090.00	\$0.00	\$0.00
Standard 48" Manhole w/Casting							
8 EA @ \$2,500.00	\$20,000.00	\$22,000.00	\$20,000.00	\$0.00	\$20,000.00	\$0.00	\$0.00
Tap In - Set Manhole to Exist Line							
1 EA @ \$1,500.00	\$1,500.00	\$1,650.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00
Testing Air							
920 LF @ \$0.20	\$184.00	\$202.40	\$184.00	\$0.00	\$184.00	\$0.00	\$0.00
Testing Mandrel							
920 LF @ \$0.25	\$230.00	\$253.00	\$230.00	\$0.00	\$230.00	\$0.00	\$0.00
Testing Vacuum							
8 EA @ \$30.00	\$240.00	\$264.00	\$240.00	\$0.00	\$240.00	\$0.00	\$0.00
Testing TV							
920 LF @ \$1.40	\$1,288.00	\$1,416.80	\$1,288.00	\$0.00	\$1,288.00	\$0.00	\$0.00
Special Backfill (Road Crossings)							
645 TON @ \$30.00	\$19,350.00	\$21,285.00	\$19,350.00	\$0.00	\$19,350.00	\$0.00	\$0.00
Sanitary Sewer As-Builts							
1 LS @ \$3,500.00	\$3,500.00	\$3,850.00	\$3,500.00	\$0.00	\$3,500.00	\$0.00	\$0.00
Water Line							
6" DIP Class 52							
48 LF @ \$28.00	\$1,344.00	\$1,478.40	\$1,344.00	\$0.00	\$1,344.00	\$0.00	\$0.00
8" DIP Class 52							
875 LF @ \$35.00	\$30,625.00	\$33,687.50	\$30,625.00	\$0.00	\$30,625.00	\$0.00	\$0.00
Sleeve for 1" Copper Service							
16 EA @ \$675.00	\$10,800.00	\$11,880.00	\$10,800.00	\$0.00	\$10,800.00	\$0.00	\$0.00
8" DI Fittings							
12 EA @ \$425.00	\$5,100.00	\$5,610.00	\$5,100.00	\$0.00	\$5,100.00	\$0.00	\$0.00
Connect to Existing Line							
2 EA @ \$1,500.00	\$3,000.00	\$3,300.00	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$0.00
Fire Hydrant Assembly							
1 EA @ \$5,200.00	\$5,200.00	\$5,720.00	\$5,200.00	\$0.00	\$5,200.00	\$0.00	\$0.00
Concrete Encasement							
20 LF @ \$100.00	\$2,000.00	\$2,200.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$0.00
Special Backfill (Road Crossings)							
250 TON @ \$30.00	\$7,500.00	\$8,250.00	\$7,500.00	\$0.00	\$7,500.00	\$0.00	\$0.00
Water Line As-Builts							
1 LS @ \$1,500.00	\$1,500.00	\$1,650.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00
Hydrostatic Testing							
1 LS @ \$1,200.00	\$1,200.00	\$1,320.00	\$1,200.00	\$0.00	\$1,200.00	\$0.00	\$0.00
	\$167,762.00	\$184,538.20	\$167,762.00	\$0.00	\$167,762.00	\$0.00	\$0.00
TOTAL	\$749,004.58	\$823,905.04	\$646,810.20	\$60,239.38	\$707,049.58	\$41,955.00	\$34,589.00 \$76,544.00