



ENGINEERING DEPARTMENT
BOND RELEASE REQUEST RECOMMENDATION

BOND ACTION REQUEST NO.: D0408-06-PH35

Development Name: Park Place, Phases 3 & 5

Release No.: 6

Requested By: Park Place Marketing, LLC Date of Request: 10/16/19


RECOMMENDATION: PARTIAL RELEASE

Amount of request to be released
from the Requestor: \$456,751.50

Amount recommended to be released
as per the Engineer: \$404,061.50

Original amount of surety:	\$	2,170,999.71
Previous amount released:	\$	1,624,963.79
Current balance of surety:	\$	546,035.92
Amount recommended for this release:	\$	404,061.50
Balance after this request:	\$	141,974.42

- ☐ **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 & Environmental Services

Date: October 21, 2019

Re: Park Place Phases 3 & 5
Release No. 6

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	\$372,649.00	\$352,287.00	\$84,102.50	\$51,774.50	\$404,061.50	\$141,974.42
Sewer and Water	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$372,649.00	\$352,287.00	\$84,102.50	\$51,774.50	\$404,061.50	\$141,974.42

Please reference the attached revised cost estimate after Release #6 for a detailed breakdown of each line item for the bond. Holding back sidewalks and ramps, retainage and roundabout items. This revised estimate shall be the basis for the next future bond release request.

BOND SUMMARY

Original Amount of Security	\$2,170,999.71
Release No. 1	<u>331,837.17</u>
Balance after Release No. 1	\$1,839,162.54
Release No. 2	<u>530,570.03</u>
Balance after Release No. 2	\$1,308,592.51
Release No. 3	<u>361,997.20</u>
Balance after Release No. 3	\$ 946,595.31
Release No. 4	<u>311,889.39</u>
Balance after Release No. 4	\$ 634,705.92
Release No. 5	<u>88,670.00</u>
Balance after Release No. 5	\$ 546,035.92
Release No. 6 (Current)	<u>404,061.50</u>
Remaining Balance after this Recommended Release Including 10% Retainage	\$ 141,974.42

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, Phases 3 & 5
Request No. 6 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							
30" HDPE w/bedding & backfill 773 LF @ \$56.00	\$43,288.00	\$47,616.80	\$43,288.00	\$0.00	\$43,288.00	\$0.00	4328.8
24" HDPE w/bedding & backfill 252 LF @ \$45.00	\$11,340.00	\$12,474.00	\$11,340.00	\$0.00	\$11,340.00	\$0.00	\$0.00
18" HDPE w/bedding & backfill 609 LF @ \$37.50	\$22,837.50	\$25,121.25	\$22,837.50	\$0.00	\$22,837.50	\$0.00	\$0.00
15" HDPE w/bedding & backfill 1,340 LF @ \$33.00	\$44,220.00	\$48,642.00	\$44,220.00	\$0.00	\$44,220.00	\$0.00	\$0.00
8" HDPE w/bedding & backfill 1,320 LF @ \$20.50	\$27,060.00	\$29,766.00	\$27,060.00	\$0.00	\$27,060.00	\$0.00	\$0.00
6" HDPE w/bedding & backfill 440 LF @ \$19.00	\$8,360.00	\$9,196.00	\$8,360.00	\$0.00	\$8,360.00	\$0.00	\$0.00
Manifold Connectors 50 EA @ \$150.00	\$7,500.00	\$8,250.00	\$7,500.00	\$0.00	\$7,500.00	\$0.00	\$0.00
Standard 2'x4' Inlet w/3.25" Frames 20 EA @ \$2,375.00	\$47,500.00	\$52,250.00	\$47,500.00	\$0.00	\$47,500.00	\$0.00	\$0.00
Type 1 Inlet w/3.25" Frames 3 EA @ \$3,000.00	\$9,000.00	\$9,900.00	\$9,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00
6" Lateral Connectors & Markers 28 EA @ \$120.00	\$3,360.00	\$3,696.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00	\$0.00
Standard 48" Manhole w/Casting 2 EA @ \$3,000.00	\$6,000.00	\$6,600.00	\$6,000.00	\$0.00	\$6,000.00	\$0.00	600
60" Manhole w/Casting 1 EA @ \$3,250.00	\$3,250.00	\$3,575.00	\$3,250.00	\$0.00	\$3,250.00	\$0.00	325
Special Backfill (2A Road Crossing) 2,590 TON @ \$28.50	\$73,815.00	\$81,196.50	\$73,815.00	\$0.00	\$73,815.00	\$0.00	7381.5
As-Builts 1 LS @ \$5,000.00	\$5,000.00	\$5,500.00	\$0.00	\$5,000.00	\$5,000.00	\$0.00	\$500.00
Sidewalks & Ramps							
Concrete Sidewalk 21,884 SF @ \$5.50	\$120,362.00	\$132,398.20	\$0.00	\$100,000.00	\$100,000.00	\$20,362.00	\$12,036.20
Stamped Concrete 2,377 SF @ \$55.00	\$130,735.00	\$143,808.50	\$0.00	\$130,735.00	\$130,735.00	\$0.00	13073.5
ADA Ramps 27 EA @ \$2,500.00	\$67,500.00	\$74,250.00	\$33,750.00	\$33,750.00	\$67,500.00	\$0.00	\$6,750.00
Public Streets							
Fine Grade; Install 8" aggregate base; Pave w/5" 25 mm binder & 1 1/2" 9.5 mm wearing 5,500 SY @ \$41.74	\$229,570.00	\$252,527.00	\$229,570.00	\$0.00	\$229,570.00	\$0.00	\$0.00
Heavy Duty Geotextile Fabric 5,500 SY @ \$1.75	\$9,625.00	\$10,587.50	\$9,625.00	\$0.00	\$9,625.00	\$0.00	\$0.00
Road Underdrains 3,600 LF @ \$7.70	\$27,720.00	\$30,492.00	\$27,720.00	\$0.00	\$27,720.00	\$0.00	\$0.00
Concrete Curb 3,765 LF @ \$18.50	\$69,652.50	\$76,617.75	\$69,652.50	\$0.00	\$69,652.50	\$0.00	\$0.00
Mount Concrete Curb (Roundabout) 142 LF @ \$18.50	\$2,627.00	\$2,889.70	\$0.00	\$2,627.00	\$2,627.00	\$0.00	\$262.70
Mountable Island (Roundabout) 1,385 SF @ \$55.00	\$76,175.00	\$83,792.50	\$0.00	\$76,175.00	\$76,175.00	\$0.00	\$7,617.50
Private Streets							
Fine Grade; Install 8" aggregate base; Pave w/4" 25 mm binder & 1 1/2" 9.5 mm wearing 3,300 SY @ \$38.15	\$125,895.00	\$138,484.50	\$125,895.00	\$0.00	\$125,895.00	\$0.00	12589.5
Standard Duty Geotextile Fabric 3,300 SY @ \$1.75	\$5,775.00	\$6,352.50	\$5,775.00	\$0.00	\$5,775.00	\$0.00	577.5
Road Underdrains 2,000 LF @ \$7.70	\$15,400.00	\$16,940.00	\$15,400.00	\$0.00	\$15,400.00	\$0.00	1540
Bituminous Wedge Curb 3,629 LF @ \$1.80	\$6,532.20	\$7,185.42	\$6,532.20	\$0.00	\$6,532.20	\$0.00	653.22
Line Striping 1 LS @ \$4,000.00	\$4,000.00	\$4,400.00	\$0.00	\$4,000.00	\$4,000.00	\$0.00	400
Landscaping							
Street Lights & Base 27 EA @ \$9,500.00	\$256,500.00	\$282,150.00	\$256,500.00	\$0.00	\$256,500.00	\$0.00	25650
Street Signs (Various) 38 EA @ \$500.00	\$19,000.00	\$20,900.00	\$0.00	\$0.00	\$0.00	\$19,000.00	\$1,900.00
Deciduous Trees 88 EA @ \$500.00	\$44,000.00	\$48,400.00	\$44,000.00	\$0.00	\$44,000.00	\$0.00	\$4,400.00
Ornamental Trees 39 EA @ \$280.00	\$10,920.00	\$12,012.00	\$10,920.00	\$0.00	\$10,920.00	\$0.00	\$1,092.00
Shrubs 17 EA @ \$50.00	\$850.00	\$935.00	\$0.00	\$0.00	\$0.00	\$850.00	\$85.00
	\$1,535,369.20	\$1,688,906.12	\$1,142,870.20	\$352,287.00	\$1,495,157.20	\$40,212.00	\$101,762.42

Park Place, Phases 3 & 5
SEWER AND WATER ITEMS
Request No. 6 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 Sewers							
6" PVC SDR-25 Lateral							
1,946 LF @ \$28.50	\$55,461.00	\$61,007.10	\$55,461.00	\$0.00	\$55,461.00	\$0.00	\$0.00
6" SDR-35 Lateral Connectors							
80 EA @ \$135.00	\$10,800.00	\$11,880.00	\$10,800.00	\$0.00	\$10,800.00	\$0.00	\$0.00
8" PVC SDR-35							
2,500 LF @ \$31.00	\$77,500.00	\$85,250.00	\$77,500.00	\$0.00	\$77,500.00	\$0.00	\$0.00
Standard 48" Manhole w/Casting							
15 EA @ \$2,250.00	\$33,750.00	\$37,125.00	\$33,750.00	\$0.00	\$33,750.00	\$0.00	\$0.00
Raise Manhole to Grade							
2 EA @ \$875.00	\$1,750.00	\$1,925.00	\$1,750.00	\$0.00	\$1,750.00	\$0.00	\$0.00
Testing - Air							
4,526 LF @ \$0.20	\$905.20	\$995.72	\$905.20	\$0.00	\$905.20	\$0.00	\$0.00
Testing - Mandrel							
4,526 LF @ \$0.25	\$1,131.50	\$1,244.65	\$1,131.50	\$0.00	\$1,131.50	\$0.00	\$0.00
Testing - Vacuum							
15 EA @ \$30.00	\$450.00	\$495.00	\$450.00	\$0.00	\$450.00	\$0.00	\$0.00
Testing - TV							
4,526 LF @ \$1.20	\$5,431.20	\$5,974.32	\$5,431.20	\$0.00	\$5,431.20	\$0.00	\$0.00
Special Backfill (Road Crossings)							
1,490 TON @ \$28.50	\$42,465.00	\$46,711.50	\$42,465.00	\$0.00	\$42,465.00	\$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							
4" DIP Class 52							
80 LF @ \$29.00	\$2,320.00	\$2,552.00	\$2,320.00	\$0.00	\$2,320.00	\$0.00	\$0.00
6" DIP Class 52							
80 LF @ \$30.00	\$2,400.00	\$2,640.00	\$2,400.00	\$0.00	\$2,400.00	\$0.00	\$0.00
8" DIP Class 52							
2,480 LF @ \$35.00	\$86,800.00	\$95,480.00	\$86,800.00	\$0.00	\$86,800.00	\$0.00	\$0.00
2" Copper Pipe Manifold							
334 LF @ \$22.00	\$7,348.00	\$8,082.80	\$7,348.00	\$0.00	\$7,348.00	\$0.00	\$0.00
Sleeve for 1" Copper Service							
13 EA @ \$450.00	\$5,850.00	\$6,435.00	\$5,850.00	\$0.00	\$5,850.00	\$0.00	\$0.00
8" Gate Valve & Box							
4 EA @ \$1,700.00	\$6,800.00	\$7,480.00	\$6,800.00	\$0.00	\$6,800.00	\$0.00	\$0.00
8" Tees							
2 EA @ \$525.00	\$1,050.00	\$1,155.00	\$1,050.00	\$0.00	\$1,050.00	\$0.00	\$0.00
8" Elbows							
14 EA @ \$400.00	\$5,600.00	\$6,160.00	\$5,600.00	\$0.00	\$5,600.00	\$0.00	\$0.00
4" Gate Valve & Box							
4 EA @ \$800.00	\$3,200.00	\$3,520.00	\$3,200.00	\$0.00	\$3,200.00	\$0.00	\$0.00
4"x2" Tees							
4 EA @ \$400.00	\$1,600.00	\$1,760.00	\$1,600.00	\$0.00	\$1,600.00	\$0.00	\$0.00
2" Tees							
8 EA @ \$300.00	\$2,400.00	\$2,640.00	\$2,400.00	\$0.00	\$2,400.00	\$0.00	\$0.00
6" Field Lock Gasket							
4 EA @ \$85.00	\$340.00	\$374.00	\$340.00	\$0.00	\$340.00	\$0.00	\$0.00
8" Field Lock Gasket							
8 EA @ \$110.00	\$880.00	\$968.00	\$880.00	\$0.00	\$880.00	\$0.00	\$0.00
8" Caps & Plugs							
3 EA @ \$325.00	\$975.00	\$1,072.50	\$975.00	\$0.00	\$975.00	\$0.00	\$0.00
Connect to Existing Line							
3 EA @ \$1,500.00	\$4,500.00	\$4,950.00	\$4,500.00	\$0.00	\$4,500.00	\$0.00	\$0.00
6" - 8" Sleeve							
6 EA @ \$375.00	\$2,250.00	\$2,475.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00	\$0.00
Fire Hydrant Assembly							
4 EA @ \$5,500.00	\$22,000.00	\$24,200.00	\$22,000.00	\$0.00	\$22,000.00	\$0.00	\$0.00
Blow-Off Assembly							
1 EA @ \$1,500.00	\$1,500.00	\$1,650.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00
Service Tee & Curb Box							
42 EA @ \$675.00	\$28,350.00	\$31,185.00	\$28,350.00	\$0.00	\$28,350.00	\$0.00	\$0.00
Special Backfill (Road Crossings)							
560 TON @ \$28.50	\$15,960.00	\$17,556.00	\$15,960.00	\$0.00	\$15,960.00	\$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 @ \$1,500.00	\$1,500.00	\$1,650.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00
	\$438,266.90	\$482,093.59	\$438,266.90	\$0.00	\$438,266.90	\$0.00	\$0.00
TOTAL	\$1,973,636.10	\$2,170,999.71	\$1,581,137.10	\$352,287.00	\$1,933,424.10	\$40,212.00	\$101,762.42