

# APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



**Project Title:** SW Vintage Parkway Connection Project  
**Contractor:** MPS Engineers, PC  
**Address:** 1444 Illinois Street, Des Moines, IA 50314  
**Finance Budget Code:** 977.3977.4451      **Finance Project #** 108.4451  
**Vendor Project or Invoice #:** \_\_\_\_\_      **PO #** \_\_\_\_\_  
**Original Contract Date:** December 7, 2015      **Vendor #** 7776

**Date of Council Meeting:** November 21, 2016      **PAYMENT REQUEST #** 6  
**PAYMENT PERIOD:** From: October 5, 2016 Through: November 4, 2016

**Contract Summary**

Original Contract Amount:	\$	<u>1,794,950.00</u>	
Net change by Change Orders:	\$	<u>106,208.20</u>	
Contract Amount to Date: (line 1 ± 2)	\$	<u>1,901,158.20</u>	
Total completed and stored to date:	\$	<u>1,358,282.83</u>	
Retainage: <u>5</u> % of Completed Work:	\$	<u>67,914.14</u>	
Total Earned less Retainage:	\$	<u>1,290,368.69</u>	
Less previous applications for payment:	\$	<u>843,410.84</u>	
<b>SUBTOTAL</b>			<b>\$ <u>446,957.85</u></b>
OTHER CHARGES (Attach an itemized list)	\$	<u>-</u>	
<b>CURRENT PAYMENT DUE</b>			<b>\$ <u>446,957.85</u></b>
Balance to finish, including retainage:	\$	<u>610,789.51</u>	
Contract Time Remaining (If applicable)	<u>25.00</u>	Working Days	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

**Construction Contractor Approval:** MPS Engineers, PC  
 Firm Name  
 Signature: [Signature]      Date: 11/11/16

**Engineer / Consultant Approval:** Snyder & Associates, Inc.  
 Firm Name  
 Signature: [Signature]      Date: 11-11-2016

**City of Ankeny Staff Approval:** [Signature]  
 Signature: [Signature]      Date: 11-14-16

**Submit to:** Matt Ahrens - Civil Engineer II  
**E-mail:** mahrens@Ankenylowa.gov      **Phone:** (515) 963-3536      **Fax:** (515) 963-3535

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
<b>GENERAL PROVISIONS</b>											
1.1	Mobilization	LS	1.00		1.00	\$ 73,556.70	\$ 73,556.70	1.00	\$ 73,556.70	-	100.00%
<b>EARTHWORK</b>											
2.1	Clearing and Grubbing	LS	1.00		1.00	\$ 6,000.00	\$ 6,000.00	1.00	\$ 6,000.00	-	100.00%
2.2	Topsoil, Strip, Salvage, and Respread	CY	8,395.00		8,395.00	\$ 6.00	\$ 50,370.00	4,198.00	\$ 25,188.00	4,197.00	50.01%
2.3	Excavation, Class 10, Roadway and Borrow	CY	6,530.00	2,615.00	9,145.00	\$ 12.00	\$ 109,740.00	7,839.00	\$ 94,068.00	1,306.00	85.72%
2.4	Excavation, Class 13	CY	500.00		500.00	\$ 16.00	\$ 8,000.00	390.00	\$ 6,240.00	110.00	78.00%
2.5	Flowable Mortar	CY	75.00		75.00	\$ 96.00	\$ 7,200.00		\$ -	75.00	0.00%
2.6	Subgrade Preparation	SY	16,080.00		16,080.00	\$ 3.00	\$ 48,240.00	10,600.00	\$ 31,800.00	5,480.00	65.92%
<b>SEWERS AND DRAINS</b>											
4.1	Sanitary Sewer, PVC, 8"	LF	571.00	96.00	667.00	\$ 62.00	\$ 41,354.00	667.00	\$ 41,354.00	-	100.00%
4.2	Sanitary Sewer, PVC, 12"	LF	1,680.00	100.00	1,780.00	\$ 76.00	\$ 135,280.00	1,680.00	\$ 127,680.00	100.00	94.38%
4.3	Sanitary Sewer Service Stub, 4"	LF	1,798.00	(716.00)	1,082.00	\$ 28.00	\$ 30,296.00	1,067.00	\$ 29,876.00	15.00	98.61%
4.4	Sanitary Sewer Cleanout	EA	4.00	1.00	5.00	\$ 1,000.00	\$ 5,000.00	5.00	\$ 5,000.00	-	100.00%
4.5	Storm Sewer, RCP, 15"	LF	1,413.00		1,413.00	\$ 44.00	\$ 62,172.00	1,350.00	\$ 59,400.00	63.00	95.54%
4.6	Storm Sewer, RCP, 18"	LF	513.00		513.00	\$ 50.00	\$ 25,650.00	513.00	\$ 25,650.00	-	100.00%
4.7	Storm Sewer, RCP, 24"	LF	825.00		825.00	\$ 65.00	\$ 53,625.00	825.00	\$ 53,625.00	-	100.00%
4.8	Storm Sewer Service Stub, 1 1/2"	LF	881.00	(283.00)	598.00	\$ 23.00	\$ 13,754.00	881.00	\$ 20,263.00	(283.00)	147.32%
4.9	Apron with Footing and Apron Guard, RCP, 24"	EA	2.00		2.00	\$ 2,250.00	\$ 4,500.00	2.00	\$ 4,500.00	-	100.00%
4.10	Footing Drain Collector, 8"	LF	2,385.00		2,385.00	\$ 24.00	\$ 57,240.00	860.00	\$ 20,640.00	1,525.00	36.06%
4.11	Footing Drain Outlet, 8"	EA	19.00		19.00	\$ 400.00	\$ 7,600.00	9.00	\$ 3,600.00	10.00	47.37%
<b>WATER MAIN AND APPURTENANCES</b>											
5.1	Water Main, PVC, 6"	LF	400.00		400.00	\$ 54.00	\$ 21,600.00	400.00	\$ 21,600.00	-	100.00%
5.2	Water Main, PVC, 8"	LF	212.00		212.00	\$ 68.00	\$ 14,416.00	212.00	\$ 14,416.00	-	100.00%
5.3	Gate Valve, 6"	EA	4.00		4.00	\$ 850.00	\$ 3,400.00	4.00	\$ 3,400.00	-	100.00%
5.4	Gate Valve, 8"	EA	4.00		4.00	\$ 1,200.00	\$ 4,800.00	4.00	\$ 4,800.00	-	100.00%
5.5	Remove and Reinstall 12" Gate Valve	EA	4.00	(4.00)	-	\$ 1,350.00	\$ -	-	\$ -	-	0.00%
5.6	12"x8" Cross	EA	4.00		4.00	\$ 1,150.00	\$ 4,600.00	4.00	\$ 4,600.00	-	100.00%
5.7	8"x6" Reducer	EA	4.00		4.00	\$ 1,000.00	\$ 4,000.00	4.00	\$ 4,000.00	-	100.00%
5.8	2" Temporary Blowoff	EA	8.00		8.00	\$ 500.00	\$ 4,000.00	8.00	\$ 4,000.00	-	100.00%
5.9	Hydrant Assembly	EA	1.00	1.00	2.00	\$ 5,000.00	\$ 10,000.00	2.00	\$ 10,000.00	-	100.00%
5.10	Remove and Reinstall Hydrant Assembly	EA	3.00		3.00	\$ 4,000.00	\$ 12,000.00	5.00	\$ 20,000.00	(2.00)	166.67%
5.11	Water Service Stub, 1"	EA	40.00	(16.00)	24.00	\$ 1,250.00	\$ 30,000.00	24.00	\$ 30,000.00	-	100.00%
<b>STRUCTURES FOR SANITARY AND STORM</b>											
6.1	Manhole SW-301, 48"	EA	6.00		6.00	\$ 4,350.00	\$ 26,100.00	6.00	\$ 26,100.00	-	100.00%
6.2	Drop Connection for Sanitary Sewer Manhole, SW-307	EA	2.00		2.00	\$ 3,000.00	\$ 6,000.00	2.00	\$ 6,000.00	-	100.00%
6.3	Manhole SW-401, 48"	EA	4.00		4.00	\$ 3,400.00	\$ 13,600.00	4.00	\$ 13,600.00	-	100.00%
6.4	Manhole SW-512, 30"	EA	2.00		2.00	\$ 2,200.00	\$ 4,400.00	2.00	\$ 4,400.00	-	100.00%
6.5	Manhole Adjustment, Minor	EA	1.00		1.00	\$ 1,000.00	\$ 1,000.00	1.00	\$ 1,000.00	-	100.00%
6.6	Intake SW-501	EA	7.00		7.00	\$ 2,200.00	\$ 15,400.00	6.00	\$ 13,200.00	1.00	85.71%
6.7	Intake SW-503	EA	7.00		7.00	\$ 3,600.00	\$ 25,200.00	7.00	\$ 25,200.00	-	100.00%
6.8	Intake SW-505	EA	2.00		2.00	\$ 3,200.00	\$ 6,400.00	2.00	\$ 6,400.00	-	100.00%
6.9	Intake SW-506	EA	2.00		2.00	\$ 4,500.00	\$ 9,000.00	2.00	\$ 9,000.00	-	100.00%
<b>STREETS AND RELATED WORK</b>											
7.1	Pavement, PCC, 9"	SY	14,429.00		14,429.00	\$ 44.00	\$ 634,876.00	8,918.00	\$ 392,392.00	5,511.00	61.81%
7.2	PCC Pavement Samples	LS	1.00		1.00	\$ 3,500.00	\$ 3,500.00	0.60	\$ 2,100.00	0.40	60.00%
7.3	Sidewalk, PCC, 5"	SY	1,685.00		1,685.00	\$ 36.00	\$ 60,660.00		\$ -	1,685.00	0.00%
7.4	Sidewalk, PCC, 6"	SY	178.00		178.00	\$ 42.00	\$ 7,476.00		\$ -	178.00	0.00%
7.5	Detectable Warnings, Cast Iron	SF	331.00		331.00	\$ 50.00	\$ 16,550.00		\$ -	331.00	0.00%
7.6	Brick Pavers	SF	108.00		108.00	\$ 20.00	\$ 2,160.00		\$ -	108.00	0.00%
7.7	Paved Median	SY	381.00		381.00	\$ 41.00	\$ 15,621.00		\$ -	381.00	0.00%
<b>TRAFFIC CONTROL</b>											
8.1	Traffic Control	LS	1.00	(0.33)	0.67	\$ 3,900.00	\$ 2,600.00	0.60	\$ 2,340.00	0.07	90.00%
8.2	Pavement Markings, Durable with Grooves	STA	26.42		26.42	\$ 182.00	\$ 4,808.44		\$ -	26.42	0.00%
8.3	Pavement Markings, Symbols, Durable with Grooves	EA	7.00		7.00	\$ 230.00	\$ 1,610.00		\$ -	7.00	0.00%
8.4	Type III Handhole	EA	4.00		4.00	\$ 1,150.00	\$ 4,600.00	1.00	\$ 1,150.00	3.00	25.00%
8.5	Conduit, Trenched PVC, 3"	LF	130.00		130.00	\$ 12.00	\$ 1,560.00	130.00	\$ 1,560.00	-	100.00%
8.6	Conduit, Trenched HDPE, 2"	LF	1,950.00		1,950.00	\$ 5.00	\$ 9,750.00	1,760.00	\$ 8,800.00	190.00	90.26%
8.7	Conduit, Directional Bored HDPE, 2"	LF	900.00		900.00	\$ 8.50	\$ 7,650.00	900.00	\$ 7,650.00	-	100.00%
8.8	Fiber Optic Cable, 36SM/12MM (Install Only)	LF	6,415.00		6,415.00	\$ 1.10	\$ 7,056.50		\$ -	6,415.00	0.00%
8.9	Pull Rope and Tracer Wire	LF	5,100.00		5,100.00	\$ 0.60	\$ 3,060.00		\$ -	5,100.00	0.00%
8.10	Fiber Optic Terminations	EA	48.00		48.00	\$ 45.00	\$ 2,160.00		\$ -	48.00	0.00%
8.11	Fiber Optic Enclosures	EA	2.00		2.00	\$ 521.18	\$ 1,042.36		\$ -	2.00	0.00%
<b>SITE WORK AND LANDSCAPING</b>											
9.1	Conventional Seeding, Type 4	ACRE	1.42		1.42	\$ 500.00	\$ 710.00		\$ -	1.42	0.00%
9.2	Erosion Control Mulching, Bonded Fiber Matrix	ACRE	3.47		3.47	\$ 3,000.00	\$ 10,410.00		\$ -	3.47	0.00%
9.3	Stabilized Construction Entrance	SY	67.00		67.00	\$ 25.00	\$ 1,675.00	273.70	\$ 6,842.50	(206.70)	408.51%
9.4	Rip Rap, Class E Revetment	TON	173.00		173.00	\$ 60.00	\$ 10,380.00	220.80	\$ 13,248.00	(47.80)	127.63%
9.5	Inlet Protection Device, Rock	EA	19.00		19.00	\$ 85.00	\$ 1,615.00	3.00	\$ 255.00	16.00	15.79%
9.6	Inlet Protection Device, Drop-In	EA	19.00		19.00	\$ 175.00	\$ 3,325.00		\$ -	19.00	0.00%
9.7	Inlet Protection Device, Maintenance	EA	76.00		76.00	\$ 10.00	\$ 760.00		\$ -	76.00	0.00%
9.8	Concrete Washout, Roll-off	LS	1.00		1.00	\$ 500.00	\$ 500.00	0.60	\$ 300.00	0.40	60.00%
9.9	Silt Fence	LF	5,840.00		5,840.00	\$ 1.85	\$ 10,804.00	4,800.00	\$ 8,880.00	1,040.00	82.19%
9.10	Silt Fence Removal	LF	5,840.00		5,840.00	\$ 0.30	\$ 1,752.00		\$ -	5,840.00	0.00%
9.11	Filter Sock, 9"	LF	1,950.00		1,950.00	\$ 2.50	\$ 4,875.00	460.00	\$ 1,150.00	1,490.00	23.59%
9.12	Filter Sock Removal	LF	1,950.00		1,950.00	\$ 0.30	\$ 585.00		\$ -	1,950.00	0.00%
9.13	Storm Water Pollution Prevention Plan Management	LS	1.00		1.00	\$ 3,000.00	\$ 3,000.00	0.75	\$ 2,250.00	0.25	75.00%

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
	Change Order No. 1 - Additional Items										
-	Replacement of Core Out Area	CY		3,718.00	3,718.00	\$ 7.70	\$ 28,628.60	3,718.00	\$ 28,628.60	-	100.00%
-	Trench Stabilization (3" Clean)	TON		500.00	500.00	\$ 24.35	\$ 12,175.00	500.00	\$ 12,175.00	-	100.00%
	Change Order No. 2 - Additional Items										
-	Stabilized Construction Entrance	SY		274.00	274.00	\$ 15.00	\$ 4,110.00	274.00	\$ 4,110.00	-	100.00%
-	Manhole Modification for Connection to Existing Manhole	LS		1.00	1.00	\$ 1,088.00	\$ 1,088.00	1.00	\$ 1,088.00	-	100.00%
-	Trench Stabilization (3" Clean)	TON		80.00	80.00	\$ 24.35	\$ 1,948.00	42.03	\$ 1,023.43	-	52.54%
-	Connection for additional 8" sanitary sewer	LS		1.00	1.00	\$ 2,948.00	\$ 2,948.00	1.00	\$ 2,948.00	-	100.00%
-	Sanitary sewer service connection at Sta. 42+31	LS		1.00	1.00	\$ 2,860.00	\$ 2,860.00	1.00	\$ 2,860.00	-	100.00%
-	Sanitary Manhole S-5 Settlement Repair	LS		1.00	1.00	\$ 8,280.00	\$ 8,280.00	0.77	\$ 6,375.60	-	77.00%
	Change Order No. 3 - Additional Items										
-	Sanitary Sewer, PVC, 12" (Remove & Replace)	LF		190.00	190.00	\$ 128.00	\$ 24,320.00		\$ -		0.00%
-	Relocate Sanitary Manhole S-5	LS		1.00	1.00	\$ 6,000.00	\$ 6,000.00		\$ -		0.00%
-	Manhole SW-301, 48" (New Manhole S-5A)	EA		1.00	1.00	\$ 8,000.00	\$ 8,000.00		\$ -		0.00%
-	Sanitary Sewer Service Reconnection	EA		3.00	3.00	\$ 1,000.00	\$ 3,000.00		\$ -		0.00%
-	Excavation and Dewatering	LS		1.00	1.00	\$ 5,000.00	\$ 5,000.00		\$ -		0.00%
-	Trench Stabilization Riprap/Rock	LS		1.00	1.00	\$ 5,000.00	\$ 5,000.00		\$ -		0.00%
-	Sanitary Sewer, PVC, 12" (Deduct)	LF		(100.00)	(100.00)	\$ 76.00	\$ (7,600.00)		\$ -		0.00%
-	Sanitary Manhole S-5 Settlement Repair (Deduct)	LS		(0.23)	(0.23)	\$ 8,280.00	\$ (1,904.40)		\$ -		0.00%
-	Prime Contractor Administration	LS		1.00	1.00	\$ 4,680.00	\$ 4,680.00		\$ -		0.00%
						\$ -	\$ -		\$ -		0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE

\$ 1,901,158.20

\$ 1,358,282.83

71.45%

**APPLICATION FOR PARTIAL PAYMENT OF CONTRACT**

**Previous Applications for Payment**

No.	Date	Amount
1	June 6, 2016	\$ 140,880.42
2	July 5, 2016	\$ 189,677.30
3	August 1, 2016	\$ 132,122.09
4	September 6, 2016	\$ 147,153.58
5	October 17, 2016	\$ 233,577.45
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**Previous Applications for Payment**

No.	Date	Amount
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**TOTAL      \$      843,410.84**

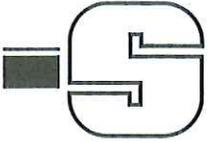
**Record of Change Orders**

No.	Date	Amount
1	July 5, 2016	\$ 23,926.60
2	September 6, 2016	\$ 35,786.00
3	November 21, 2016	\$ 46,495.60
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**TOTAL      \$ 106,208.20**

**Contract Time Remaining**

Contract Period:	<u>Working Days</u>
Original Contract Date:	<u>December 7, 2015</u>
Original Contract Time:	<u>90.00</u>
Added by Change Order:	<u>35.00</u>
Contract Time to Date:	<u>125.00</u>
Time Used to Date:	<u>100.00</u>
Contract Time Remaining:	<u>25.00</u>



November 11, 2016

Mr. Matt Ahrens, P.E.  
City of Ankeny  
220 West First Street  
Ankeny, Iowa 50023

**RE: PARTIAL PAYMENT APPLICATION NO. 6  
CHANGE ORDER NO. 3  
SW VINTAGE PARKWAY CONNECTION PROJECT  
PROJECT NO. 115.0602**

Dear Mr. Ahrens:

Partial payment application no. 6 includes work completed between October 5, 2016 and November 4, 2016. The contractor's work during this period included subgrade preparation and paving. Remaining items to be completed include finishing paving, sidewalks, and surface restoration.

Change order no. 3 includes changes to the contract as follows:

- 190 linear feet of 12" PVC sanitary sewer line will need to be replaced with the relocation of sanitary manhole S-5. This price includes removal and replacement of the sanitary sewer.
- Sanitary manhole S-5 will be moved to the west of the originally designed location to avoid unstable soils.
- A new manhole (sanitary manhole S-5A) will be installed to allow for the realignment of the 12" PVC sanitary sewer line associated with the relocation of manhole S-5. This new manhole will be installed along the same alignment as the previously installed sanitary sewer.
- The relocated 12" PVC sanitary sewer line will impact three previously installed sanitary sewer service connections. These sanitary sewer service lines will need to be reconnected to provide sewer service for the lots to the south of the roadway.
- Compensation for excavation and dewatering of the trenches associated with the relocation of manhole S-5, new manhole S-5A, and the realignment of 12" PVC sanitary sewer. Sand seams in the trench cause water to infiltrate.
- Trench stabilization (3" clean rock and rip rap) will be used for the sanitary sewer and sanitary sewer manholes due to unstable material within the trenches.
- 100 linear feet of 12" PVC sanitary sewer was anticipated to be replaced with Change Order No. 2 due to settlement of manhole S-5. After geotechnical investigation of the area, it was determined manhole S-5 needed to be moved to the west and, therefore, the 100 linear feet of 12" PVC sanitary sewer replacement was no longer needed. This quantity will be deducted from the contract.

- Change order No. 2 included a lump sum item for the settlement repair of sanitary manhole S-5. This settlement repair included an 8'x8' concrete base to be constructed under the manhole in the originally designed location of manhole S-5. Exploratory research identified unstable soils in this area which required the relocation of this manhole. The contractor incurred costs for excavation and dewatering for exploratory research but did not construct the 8'x8' concrete base. Therefore, \$1,904.40 will be deducted from the contract to account for the concrete base not being built.
- An additional 17 working days will be added to the contract for this additional work for installation of the sanitary sewer, manhole, and PCC paving through this area.

We recommend payment of \$446,957.85 to the Contractor, MPS Engineers, PC, for work completed through November 4, 2016. We also recommend acceptance of change order no. 3 in the amount of \$46,495.60. Approximately 70% of the total contract work has been completed. As of this partial pay application, the contractor has 25 working days remaining to complete the project.

Please contact me should you have any questions on this pay application.

Sincerely,

SNYDER & ASSOCIATES, INC.



Garret D. Reeder, P.E.  
Project Engineer

Enclosures