

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NW Irvinedale Drive and NW 5th Street Intersection Improvements
Contractor: Concrete Technologies, Inc.
Address: 1001 SE 37th Street Grimes, IA 50111
Finance Budget Code: 960.3960.4451 **Finance Project #** 960.4451
Vendor Project or Invoice #: **PO #**
Original Contract Date: March 19, 2018 **Vendor #** 5545

Date of Council Meeting: May 20, 2019 **PAYMENT REQUEST #** 9
PAYMENT PERIOD: From: December 8, 2018 Through: May 4, 2019

Contract Summary

Original Contract Amount:	\$ 2,448,964.42	
Net change by Change Orders:	\$ 91,273.65	
Contract Amount to Date: (line 1 ± 2)	\$ 2,540,238.07	
Total completed and stored to date:	\$ 2,264,250.16	
Retainage: 5 % of Completed Work:	\$ 113,212.51	
Total Earned less Retainage:	\$ 2,151,037.65	
Less previous applications for payment:	\$ 1,934,139.75	
SUBTOTAL		\$ 216,897.90

OTHER CHARGES (Attach an Itemized list) \$ -

CURRENT PAYMENT DUE \$ 216,897.90

Balance to finish, including retainage: \$ 389,200.42

Contract Time Remaining (If applicable) (3.00) 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: Concrete Technologies, Inc.

Signature: [Signature] Firm Name: Concrete Technologies, Inc. Date: 5-7-19

Engineer / Consultant Approval: HR Green

Signature: [Signature] Firm Name: HR Green Date: 5-7-2019

City of Ankeny Staff Approval:

Signature: Adam L. Lust Date: 05/07/19

Submit to: Adam L. Lust, P.E. - Public Works Engineering Manager - Public Works Department

E-mail: ALust@Ankenylowa.gov **Phone:** (515) 963-3537 **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
EARTHWORK											
2.1	CLEARING AND GRUBBING	ACRE	0.50		0.50	\$ 5,025.00	\$ 2,512.50	0.50	\$ 2,512.50	-	100.00%
2.2	TOPSOIL, OFF-SITE	CY	1,960.00		1,960.00	\$ 20.10	\$ 39,396.00	851.87	\$ 17,122.59	1,108.13	43.46%
2.3	EXCAVATION, CLASS 10	CY	8,132.00		8,132.00	\$ 8.55	\$ 69,528.60	7,453.00	\$ 63,723.15	679.00	91.65%
2.4	SUBGRADE PREPARATION, 6"	SY	11,230.00		11,230.00	\$ 2.55	\$ 28,636.50	11,250.02	\$ 28,687.55	(20.02)	100.18%
2.5	SUBBASE, MODIFIED, 6"	SY	11,230.00		11,230.00	\$ 12.10	\$ 135,883.00	11,803.76	\$ 142,825.50	(673.76)	105.11%
2.6	COMPACTION TESTING	LS	1.00		1.00	\$ 7,540.00	\$ 7,540.00	1.00	\$ 7,540.00	-	100.00%
TRENCH AND TRENCHLESS CONSTRUCTION											
3.1	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	500.00		500.00	\$ 12.10	\$ 6,050.00	119.00	\$ 1,439.90	381.00	23.80%
3.2	TRENCH COMPACTION TESTING	LS	1.00		1.00	\$ 7,540.00	\$ 7,540.00	1.00	\$ 7,540.00	-	100.00%
SEWERS AND DRAINS											
4.1	SANITARY SEWER, GRAVITY MAIN, TRENCHED, TRUSS TYPE PVC, 8"	LF	180.00		180.00	\$ 55.30	\$ 9,954.00	177.20	\$ 9,799.16	2.80	98.44%
4.2	SANITARY SEWER, GRAVITY MAIN, TRENCHED, TRUSS TYPE PVC, 10"	LF	40.00		40.00	\$ 70.40	\$ 2,816.00	41.00	\$ 2,886.40	(1.00)	102.50%
4.3	SANITARY SEWER SERVICE STUB, PVC, 4"	LF	287.00		287.00	\$ 25.15	\$ 7,218.05	276.00	\$ 6,941.40	11.00	96.17%
4.4	REMOVAL OF SANITARY SEWER LESS THAN OR EQUAL 36"	LF	66.00		66.00	\$ 40.25	\$ 2,656.50	66.00	\$ 2,656.50	-	100.00%
4.5	STORM SEWER, TRENCHED, RCP 2000D, 15"	LF	1,042.00		1,042.00	\$ 48.25	\$ 50,276.50	1,024.95	\$ 49,453.84	17.05	98.36%
4.6	STORM SEWER, TRENCHED, RCP 2000D, 18"	LF	44.00		44.00	\$ 55.25	\$ 2,431.00	43.60	\$ 2,408.90	0.40	99.09%
4.7	STORM SEWER, TRENCHED, RCP 2000D, 24"	LF	598.00		598.00	\$ 88.50	\$ 52,923.00	584.50	\$ 51,728.25	13.50	97.74%
4.8	STORM SEWER, TRENCHED, RCP 2000D, 30"	LF	636.00		636.00	\$ 131.00	\$ 83,316.00	632.40	\$ 82,844.40	3.60	99.43%
4.9	STORM SEWER, TRENCHED, RCP 2000D, 36"	LF	86.00		86.00	\$ 176.00	\$ 15,136.00	84.80	\$ 14,924.80	1.20	98.60%
4.10	STORM SEWER, TRENCHED, RCP 2000D, 48"	LF	80.00		80.00	\$ 277.00	\$ 22,160.00	79.00	\$ 21,883.00	1.00	98.75%
4.11	REMOVAL OF STORM SEWER LESS THAN OR EQUAL 36"	LF	923.00		923.00	\$ 40.25	\$ 37,150.75	1,386.00	\$ 55,786.50	(463.00)	150.16%
4.12	STORM SEWER ABANDONMENT, FILL AND PLUG	LF	140.00		140.00	\$ 42.25	\$ 5,915.00	130.00	\$ 5,492.50	10.00	92.86%
4.13	PIPE APRON, RCP, TYPE I, 15"	EA	1.00		1.00	\$ 2,515.00	\$ 2,515.00	1.00	\$ 2,515.00	-	100.00%
4.14	PIPE APRON, RCP, TYPE I, 48"	EA	1.00		1.00	\$ 6,030.00	\$ 6,030.00	1.00	\$ 6,030.00	-	100.00%
4.15	SUBDRAIN, TYPE 2E, PVC, 8"	LF	2,190.00		2,190.00	\$ 12.85	\$ 28,141.50	1,483.20	\$ 19,059.12	706.80	67.73%
4.16	SUBDRAIN CLEANOUT, TYPE A-1, PVC, 8"	EA	2.00		2.00	\$ 377.00	\$ 754.00	0.50	\$ 188.50	1.50	25.00%
4.17	SUBDRAIN CLEANOUT, TYPE B, PVC, 24"	EA	2.00		2.00	\$ 603.00	\$ 1,206.00		\$ -	2.00	0.00%
4.18	SUBDRAIN OUTLETS AND CONNECTIONS, PVC, 8"	EA	28.00		28.00	\$ 402.00	\$ 11,256.00	14.00	\$ 5,628.00	14.00	50.00%
WATER MAINS AND APPURTENANCES											
5.1	WATER MAIN, TRENCHED, PVC, 12", RESTRAINED JOINT	LF	162.00	32.10	194.10	\$ 70.50	\$ 13,684.05	194.10	\$ 13,684.05	-	100.00%
5.2	WATER MAIN, TRENCHED, PVC, 24", RESTRAINED JOINT	LF	515.00		515.00	\$ 191.00	\$ 98,365.00	535.20	\$ 102,223.20	(20.20)	103.92%
5.3	WATER MAIN, TRENCHED, PVC, 24", PUSH ON	LF	963.00		963.00	\$ 110.00	\$ 105,930.00	834.00	\$ 91,740.00	129.00	86.60%
5.4	FITTINGS, DUCTILE IRON	LB	3,258.00	309.00	3,567.00	\$ 4.55	\$ 16,229.85	3,567.00	\$ 16,229.85	-	100.00%
5.5	WATER SERVICE PIPE, COPPER, 1"	LF	400.00		400.00	\$ 25.25	\$ 10,100.00	122.00	\$ 3,080.50	278.00	30.60%
5.6	WATER SERVICE CORPORATION, 1"	EA	1.00		1.00	\$ 302.00	\$ 302.00	1.00	\$ 302.00	-	100.00%
5.7	WATER SERVICE CURB STOP AND BOX, 1"	EA	4.00		4.00	\$ 502.00	\$ 2,008.00	4.00	\$ 2,008.00	-	100.00%
5.8	VALVE, DI GATE, 12"	EA	3.00		3.00	\$ 3,015.00	\$ 9,045.00	3.00	\$ 9,045.00	-	100.00%
5.9	VALVE, DI GATE, 24"	EA	2.00		2.00	\$ 18,600.00	\$ 37,200.00	2.00	\$ 37,200.00	-	100.00%
5.10	FIRE HYDRANT ASSEMBLY	EA	6.00		6.00	\$ 5,525.00	\$ 33,150.00	6.00	\$ 33,150.00	-	100.00%
5.11	REMOVAL OF EXISTING WATER MAIN	LF	300.00		300.00	\$ 40.25	\$ 12,075.00	300.00	\$ 12,075.00	-	100.00%
STRUCTURES FOR SANITARY AND STORM SEWERS											
6.1	MANHOLE, SW-301, 48"	EA	1.00		1.00	\$ 4,525.00	\$ 4,525.00	1.00	\$ 4,525.00	-	100.00%
6.2	MANHOLE, SW-303, 48"	EA	2.00		2.00	\$ 3,015.00	\$ 6,030.00	2.00	\$ 6,030.00	-	100.00%
6.3	MANHOLE, SW-401, 48"	EA	2.00		2.00	\$ 3,820.00	\$ 7,640.00	2.00	\$ 7,640.00	-	100.00%
6.4	MANHOLE, SW-401, 72"	EA	1.00		1.00	\$ 8,795.00	\$ 8,795.00	1.00	\$ 8,795.00	-	100.00%
6.5	MANHOLE, SW-404 MODIFIED, 6'X7'	EA	1.00		1.00	\$ 24,875.00	\$ 24,875.00	1.00	\$ 24,875.00	-	100.00%
6.6	INTAKE, SW-505	EA	13.00		13.00	\$ 4,225.00	\$ 54,925.00	10.30	\$ 43,517.50	2.70	79.23%
6.7	INTAKE, SW-506	EA	11.00		11.00	\$ 7,035.00	\$ 77,385.00	10.10	\$ 71,053.50	0.90	91.82%
6.8	INTAKE, SW-506, MODIFIED	EA	3.00		3.00	\$ 12,080.00	\$ 36,180.00	2.70	\$ 32,562.00	0.30	90.00%
6.9	INTAKE, SW-509	EA	3.00		3.00	\$ 6,030.00	\$ 18,090.00	2.10	\$ 12,663.00	0.90	70.00%
6.10	INTAKE, SW-513, 3'X6"	EA	1.00		1.00	\$ 8,040.00	\$ 8,040.00	1.00	\$ 8,040.00	-	100.00%
6.11	INTAKE, SW-541 WITH SW-542	EA	1.00		1.00	\$ 3,015.00	\$ 3,015.00	0.70	\$ 2,110.50	0.30	70.00%
6.12	INTAKE, SW-545	EA	2.00		2.00	\$ 3,520.00	\$ 7,040.00	1.40	\$ 4,928.00	0.60	70.00%
6.13	DROP CONNECTION	EA	1.00		1.00	\$ 3,520.00	\$ 3,520.00	1.00	\$ 3,520.00	-	100.00%
6.14	MANHOLE ADJUSTMENT, MINOR	EA	3.00		3.00	\$ 855.00	\$ 2,565.00		\$ -	3.00	0.00%
6.15	CONNECTION TO EXISTING MANHOLE	EA	2.00		2.00	\$ 1,505.00	\$ 3,010.00	1.00	\$ 1,505.00	1.00	50.00%
6.16	REMOVE MANHOLE	EA	6.00		6.00	\$ 1,005.00	\$ 6,030.00	5.00	\$ 5,025.00	1.00	83.33%
6.17	REMOVE INTAKE	EA	4.00		4.00	\$ 1,005.00	\$ 4,020.00	4.00	\$ 4,020.00	-	100.00%
STREETS AND RELATED WORK											
7.1	PAVEMENT, PCC, CLASS C, 7"	SY	520.00		520.00	\$ 60.00	\$ 31,200.00	522.99	\$ 31,379.40	(2.99)	100.58%
7.2	PAVEMENT, PCC, CLASS C-SUD, 8"	SY	2,965.00		2,965.00	\$ 65.00	\$ 192,725.00	2,999.92	\$ 194,994.80	(34.92)	101.18%
7.3	PAVEMENT, PCC, CLASS C-SUD, 9"	SY	6,290.00		6,290.00	\$ 52.00	\$ 327,080.00	6,259.69	\$ 325,498.68	30.41	99.52%
7.4	REMOVAL OF SIDEWALK	SY	1,271.00		1,271.00	\$ 10.10	\$ 12,837.10	1,338.62	\$ 13,520.06	(67.62)	105.32%
7.5	REMOVAL OF DRIVEWAY	SY	585.00		585.00	\$ 10.10	\$ 5,908.50	795.67	\$ 8,036.27	(210.67)	136.01%
7.6	SIDEWALK, PCC, 4"	SY	134.00		134.00	\$ 33.25	\$ 4,455.50	164.25	\$ 5,461.31	(30.25)	122.57%
7.7	SIDEWALK, PCC, 5"	SY	1,033.00		1,033.00	\$ 33.25	\$ 34,347.25	101.60	\$ 3,378.20	931.40	9.84%
7.8	SIDEWALK, PCC, 6"	SY	95.00		95.00	\$ 46.25	\$ 4,393.75		\$ -	95.00	0.00%
7.9	DETECTABLE WARNING, CAST IRON	SF	112.00		112.00	\$ 40.25	\$ 4,508.00		\$ -	112.00	0.00%
7.10	DRIVEWAY, PCC, 6"	SY	496.00		496.00	\$ 45.25	\$ 22,444.00	697.39	\$ 31,556.90	(201.39)	140.60%
7.11	PAVEMENT REMOVAL	SY	7,630.00		7,630.00	\$ 10.10	\$ 77,063.00	7,612.61	\$ 76,887.36	17.39	99.77%
7.12	TEMPORARY DRIVEWAY	TON	170.00		170.00	\$ 35.25	\$ 5,992.50	170.00	\$ 5,992.50	-	100.00%
TRAFFIC CONTROL											
8.1	TRAFFIC SIGNAL	LS	1.00		1.00	\$ 250,000.00	\$ 250,000.00	0.60	\$ 150,000.00	0.40	60.00%
8.2	PAINTED PAVEMENT MARKINGS, DURABLE	STA	126.56		126.56	\$ 65.50	\$ 8,289.68		\$ -	126.56	0.00%
8.3	PAINTED SYMBOLS AND LEGENDS, DURABLE	EA	8.00		8.00	\$ 150.50	\$ 1,204.00		\$ -	8.00	0.00%
8.4	PAVEMENT MARKINGS REMOVED	STA	4.95		4.95	\$ 105.50	\$ 522.23		\$ -	4.95	0.00%
8.5	GROOVES CUT FOR PAVEMENT MARKINGS	STA	102.44		102.44	\$ 50.25	\$ 5,147.61		\$ -	102.44	0.00%
8.6	GROOVES CUT FOR SYMBOLS AND LEGENDS	EA	8.00		8.00	\$ 110.00	\$ 880.00		\$ -	8.00	0.00%
8.7	TEMPORARY TRAFFIC CONTROL	LS	1.00		1.00	\$ 8,005.00	\$ 8,005.00	1.00	\$ 8,005.00	-	100.00%
SITE WORK AND LANDSCAPING											

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

9.1	FILTER SOCK, 9" DIA.	LF	1,400.00		1,400.00	\$ 1.50	\$ 2,100.00	1,701.20	\$ 2,551.80	(301.20)	121.51%
9.2	FILTER SOCK, REMOVAL	LF	1,400.00		1,400.00	\$ 0.20	\$ 280.00	1,412.20	\$ 282.44	(12.20)	100.87%
9.3	RIP-RAP, CLASS E	TON	108.00		108.00	\$ 74.50	\$ 8,046.00	82.63	\$ 6,155.94	25.37	76.51%
9.4	SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	2,200.00		2,200.00	\$ 1.50	\$ 3,300.00	252.00	\$ 378.00	1,948.00	11.45%
9.5	SILT FENCE OR SILT FENCE FOR DITCH CHECK, REMOVAL OF DEVICE	LF	2,200.00		2,200.00	\$ 0.20	\$ 440.00		\$ -	2,200.00	0.00%
9.6	EROSION CONTROL MULCHING, HYDROMULCH (EF10) WITH TEMPORARY SEEDING	ACRE	4.50		4.50	\$ 2,465.00	\$ 11,092.50	2.23	\$ 5,496.95	2.27	49.56%
9.7	INLET PROTECTION DEVICE, DROP-IN	EA	54.00		54.00	\$ 352.00	\$ 19,008.00	36.00	\$ 12,672.00	18.00	66.67%
9.8	INLET PROTECTION DEVICE, ROCK	EA	68.00		68.00	\$ 176.00	\$ 11,968.00	14.00	\$ 2,464.00	54.00	20.59%
9.9	INLET PROTECTION DEVICE, MAINTENANCE	EA	108.00		108.00	\$ 15.00	\$ 1,620.00	8.00	\$ 120.00	100.00	7.41%
9.10	REMOVAL AND REINSTALLATION OF EXISTING FENCE, BLACK DECORATIVE, 72"	LF	50.00		50.00	\$ 76.00	\$ 3,800.00	55.00	\$ 4,180.00	(5.00)	110.00%
9.11	SEGMENTAL BLOCK RETAINING WALL	SF	2,200.00		2,200.00	\$ 29.75	\$ 65,450.00	2,200.00	\$ 65,450.00	-	100.00%
9.12	SAFETY RAIL, BLACK, 42"	LF	275.00		275.00	\$ 86.00	\$ 23,650.00		\$ -	275.00	0.00%
	MISCELLANEOUS										
11.1	MOBILIZATION	LS	1.00		1.00	\$46,800.00	\$ 46,800.00	1.00	\$ 46,800.00	-	100.00%
11.2	MAINTENANCE OF POSTAL SERVICE	LS	1.00		1.00	\$ 1,900.00	\$ 1,900.00	1.00	\$ 1,900.00	-	100.00%
11.3	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.00		1.00	\$ 1,425.00	\$ 1,425.00	1.00	\$ 1,425.00	-	100.00%
11.4	CONCRETE WASHOUT	LS	1.00		1.00	\$ 2,035.00	\$ 2,035.00	0.90	\$ 1,831.50	0.10	90.00%
	CHANGE ORDER ITEMS										
C1.1	Sump Pump Outlets and Connections	EA		1.00	1.00	\$ 500.00	\$ 500.00	1.00	\$ 500.00	-	100.00%
C2.1	Water Main Repair	LS		1.00	1.00	\$ 1,498.00	\$ 1,498.00	1.00	\$ 1,498.00	-	100.00%
C2.2	Storm Sewer Abandonment Completion	LS		1.00	1.00	\$ 1,436.44	\$ 1,436.44	1.00	\$ 1,436.44	-	100.00%
C4.1	24" Watermain Elevation Change	LS		1.00	1.00	\$ 1,673.38	\$ 1,673.38	1.00	\$ 1,673.38	-	100.00%
C4.2	Winter Traffic Control	LS		1.00	1.00	\$ 6,352.50	\$ 6,352.50	1.00	\$ 6,352.50	-	100.00%
C4.3	Winter Pavement Markings	LS		1.00	1.00	\$ 3,740.77	\$ 3,740.77	1.00	\$ 3,740.77	-	100.00%
C4.4	Winter Luminaires	LS		1.00	1.00	\$ 2,068.00	\$ 2,068.00	1.00	\$ 2,068.00	-	100.00%
C4.5	Winter Paving Coverage	SY	5,068.26	5,068.26	\$ 8.50	\$ 43,080.21	5,068.26	\$ 43,080.21	-	100.00%	
C4.6	Winter Paving Hot Water	CY	1,224.00	1,224.00	\$ 7.50	\$ 9,180.00	1,224.00	\$ 9,180.00	-	100.00%	
C4.7	Temporary Paved Driveways	SY	366.08	366.08	\$ 40.00	\$ 14,643.20	366.08	\$ 14,643.20	-	100.00%	
C5.1	Temporary Winter Sump Pump Outlet	EA		1.00	1.00	\$ 495.00	\$ 495.00	1.00	\$ 495.00	-	100.00%
					-	\$ -	\$ -	\$ -	\$ -	-	0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE

\$ 2,537,300.92\$ 2,264,250.16-10.76%

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	May 11, 2018	\$ 44,816.28
2	June 18, 2018	\$ 101,804.75
3	July 16, 2018	\$ 254,339.74
4	August 20, 2018	\$ 253,227.27
5	September 17, 2018	\$ 254,588.36
6	October 15, 2018	\$ 116,946.27
7	November 19, 2018	\$ 331,227.64
8	December 17, 2018	\$ 577,189.44
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Previous Applications for Payment

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TOTAL \$ 1,934,139.75

Record of Change Orders

No.	Date	Amount
1	June 18, 2018	\$ 500.00
2	July 16, 2018	\$ 2,934.44
3	November 19, 2018	\$ 6,606.15
4	December 17, 2018	\$ 80,738.06
5	May 20, 2019	\$ 495.00
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TOTAL \$ 91,273.65

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	March 19, 2018
Original Contract Time:	150.00
Added by Change Order:	2.00
Contract Time to Date:	152.00
Time Used to Date:	155.00
Contract Time Remaining:	<u>(3.00)</u>