

## Final Contractor's Application for Payment No. 10

		Application Period:	5/10/2017 11/22/2017	Application Date:	November 22, 2017
To: (Owner)	City of Minot	From (Contractor):	Keller Paving and Landscaping	Via (Engineer):	Moore Engineering, Inc.
Project:	SANITARY, WATER, STORM, ROADWAY, LIGHTING & SIGNAL IMPROVEMENTS	Contract:	No. 4071 - 36th AVENUE NW EXTENSION TO BROADWAY IMPROVEMENTS		
Owner's Contract No.:	4071	Contractor's Project No.:		Engineer's Project No.:	18375

### Application For Payment Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	\$14,540.74	
2	\$17,500.00	
3	\$17,140.04	
4	\$39,777.00	
5	\$2,424.40	
6	\$11,158.73	
7	\$12,011.50	-\$260,006.80
<b>TOTALS</b>		
	\$114,552.41	-\$260,006.80
<b>NET CHANGE BY CHANGE ORDERS</b>	<b>-\$145,454.39</b>	

1. ORIGINAL CONTRACT PRICE.....	\$ 2,896,956.75
2. Net change by Change Orders.....	\$ (145,454.39)
3. Current Contract Price (Line 1 ± Line 2).....	\$ 2,751,502.36
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$ 2,751,502.36
5. RETAINAGE:	
a. X 2,751,502.36 Work Completed.....	\$ -
b. X Stored Material.....	\$ -
c. Total Retainage (Line 5a + Line 5b).....	\$ -
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$ 2,751,502.36
7. LESS PREVIOUS PAYMENTS (LIQUIDATED DAMAGES ASSESSED)...	\$ 2,567,705.62
8. AMOUNT DUE THIS APPLICATION (Line 6 - Line 7) .....	\$ 183,796.74
9. BALANCE TO FINISH, PLUS RETAINAGE .....	\$ (0.00)

APPROVED

By: Jacqueline Moore

A/C # 413/87/00/431/41/60

DESCR: #4071 36th Ave NW Ext.

to Broadway Final Pay App

**Contractor's Certification**

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: [Signature] Date: 2/22/2018

Payment of: \$ 183,796.74  
(Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] 2/21/2018  
(Engineer) (Date)

Payment of: \$ \_\_\_\_\_  
(Line 8 or other - attach explanation of the other amount)

is approved by: [Signature] 2/21/2018  
(Owner) (Date)

Approved by: \_\_\_\_\_  
Funding Agency (if applicable) (Date)

**Progress Estimate - Unit Price Work**

**Final Contractor's Application No. 10**

For (Contract):	No. 4071 - 36th AVENUE NW EXTENSION TO BROADWAY IMPROVEMENTS					Project Number:	18375		
Application Period:	5/10/2017 11/22/2017					Application Date:	11/22/2017		
A						C	D	E	F
Bid Item No.	Item Description	Unit	Bid Item Quantity	Bid Unit Price	Estimated Quantity Installed This Period	Total Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)
<b>PART 1 - SANITARY SEWER</b>									
1	Sanitary Sewer - 8" PVC SDR 35	LF	2,102	\$20.00		1,743	\$34,860.00		\$34,860.00
2	Sanitary Sewer Manhole - 48"	EA	6	\$3,300.00		6	\$19,800.00		\$19,800.00
3	Sanitary Sewer Structure Overdepth	LF	6	\$225.00		6	\$1,350.00		\$1,350.00
4	Sanitary Sewer - Connect to Existing	EA	1	\$1,900.00		1	\$1,900.00		\$1,900.00
5	Televise Sanitary Sewer - 8"	LF	2,102	\$2.50		2,041	\$5,102.50		\$5,102.50
6	Sanitary Sewer Plug - 8"	EA	5	\$1,500.00		4	\$6,000.00		\$6,000.00
<b>PART 2 - WATER MAIN</b>									
7	Water Main - 16" PVC C900	LF	2,707	\$48.00		2,652	\$127,296.00		\$127,296.00
8	Water Main - 12" PVC C900	LF	6	\$35.00		6	\$210.00		\$210.00
9	Water Main - 10" PVC C900	LF	56	\$35.00		53	\$1,855.00		\$1,855.00
10	Water Main - 8" PVC C900	LF	241	\$25.00		238	\$5,950.00		\$5,950.00
11	Boring - 16" PVC Certa-Lok C905 W/ 24" Steel Sleeve	LF	170	\$500.00		170	\$85,000.00		\$85,000.00
12	Hydrant - 6"	EA	6	\$5,300.00		6	\$31,800.00		\$31,800.00
13	Hydrant Lead - 6" PVC	LF	99	\$25.00		99	\$2,475.00		\$2,475.00
14	Gate Valve & Box - 6"	EA	6	\$2,000.00		6	\$12,000.00		\$12,000.00
15	Gate Valve & Box - 8"	EA	4	\$3,000.00		4	\$12,000.00		\$12,000.00
16	Gate Valve & Box - 10"	EA	2	\$4,000.00		2	\$8,000.00		\$8,000.00
17	Gate Valve & Box - 16"	EA	7	\$10,000.00		7	\$70,000.00		\$70,000.00
18	Fittings	LBS	7,984	\$4.50		6,447	\$29,011.50		\$29,011.50
19	Insulation	SF	100	\$9.00		100	\$900.00		\$900.00
20	Water Main - Connect to Existing	EA	2	\$11,000.00		2	\$22,000.00		\$22,000.00
<b>PART 3 - NORTH PRAIRIE RURAL WATER IMPROVEMENTS</b>									
21	Cap Existing 6" Sch 26 NPRW Line	EA	1	\$2,000.00		1	\$2,000.00		\$2,000.00
22	Cap Existing 4" Sch 26 NPRW Line	EA	1	\$2,000.00					
23	Relocate Water Service - 2" Sch 26	LF	100	\$31.00		100	\$3,100.00		\$3,100.00
24	Water Service - 2" Sch 26	LF	55	\$31.00		55	\$1,705.00		\$1,705.00
25	6"x2" Tapping Sleeve and Gate Valve	EA	2	\$2,750.00		2	\$5,500.00		\$5,500.00
26	Water Service - Connect to Existing	EA	2	\$1,750.00		2	\$3,500.00		\$3,500.00
<b>PART 4 - STORM SEWER</b>									
27	Storm Sewer - 15" RCP	LF	107	\$50.00		107	\$5,350.00		\$5,350.00
28	Storm Sewer - 18" RCP	LF	105	\$50.00		105	\$5,250.00		\$5,250.00
29	Storm Sewer - 21" RCP	LF	167	\$50.00		167	\$8,350.00		\$8,350.00
30	Storm Sewer - 24" RCP	LF	1,741	\$50.00		1,741	\$87,050.00		\$87,050.00
31	Storm Sewer - 30" RCP	LF	816	\$50.00		816	\$40,800.00		\$40,800.00
32	Storm Sewer - 36" RCP	LF	274	\$75.00		274	\$20,550.00		\$20,550.00
33	Storm Sewer - 42" RCP	LF	250	\$90.00		250	\$22,500.00		\$22,500.00

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Item		Unit	Bid Item Quantity	Bid Unit Price	Estimated Quantity Installed This Period	Total Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)
Bid Item No.	Description								
34	Storm Sewer - 26-5/8"X43-3/4" RCP Arch Pipe	LF	136	\$95.00		136	\$12,920.00		\$12,920.00
35	Storm Sewer - 24" CMP	LF	60	\$40.00		60	\$2,400.00		\$2,400.00
36	Storm Sewer Inlet - 2'x3'	EA	3	\$3,500.00		3	\$10,500.00		\$10,500.00
37	Storm Sewer Inlet - 2'x6'	EA	1	\$4,000.00		1	\$4,000.00		\$4,000.00
38	Storm Sewer Inlet - 30" Beehive	EA	2	\$2,500.00		2	\$5,000.00		\$5,000.00
39	Storm Sewer Inlet - 48" Beehive	EA	1	\$2,750.00		1	\$2,750.00		\$2,750.00
40	Storm Sewer Manhole - 48"	EA	2	\$2,750.00		2	\$5,500.00		\$5,500.00
41	Storm Sewer Manhole - 60"	EA	3	\$5,000.00		3	\$15,000.00		\$15,000.00
42	Storm Sewer Manhole - 72"	EA	1	\$9,000.00		1	\$9,000.00		\$9,000.00
43	Storm Sewer Catch Basin Manhole - 60"	EA	2	\$5,500.00		2	\$11,000.00		\$11,000.00
44	Storm Sewer Catch Basin Manhole - 72"	EA	4	\$9,500.00		4	\$38,000.00		\$38,000.00
45	Storm Sewer Catch Basin Manhole - 96"	EA	1	\$12,000.00		1	\$12,000.00		\$12,000.00
46	Storm Sewer Structure Overdepth	LF	23	\$525.00		23	\$12,075.00		\$12,075.00
47	Storm Sewer FES W/ Trash Rack - 15" RCP	EA	1	\$3,000.00		1	\$3,000.00		\$3,000.00
48	Storm Sewer FES - 18" RCP	EA	3	\$3,800.00		3	\$11,400.00		\$11,400.00
49	Storm Sewer FES W/ Trash Rack - 24" RCP	EA	1	\$3,800.00		1	\$3,800.00		\$3,800.00
50	Storm Sewer FES W/ Trash Rack - 36" RCP	EA	1	\$4,500.00		1	\$4,500.00		\$4,500.00
51	Storm Sewer FES W/ Trash Rack - 42" RCP	EA	1	\$5,800.00		1	\$5,800.00		\$5,800.00
52	Storm Sewer FES W/ Trash Rack - Storm Sewer - 26-5/8"X43-3/4"	EA	2	\$4,750.00		2	\$9,500.00		\$9,500.00
53	Relocate Storm Sewer Inlet 2'x6'	EA	1	\$2,750.00		1	\$2,750.00		\$2,750.00
54	PVC Sch. 40 - 6"	LF	54	\$17.00		54	\$918.00		\$918.00
55	Bulkhead - 21"	EA	3	\$1,500.00		3	\$4,500.00		\$4,500.00
56	Bulkhead - 42"	EA	1	\$2,500.00		1	\$2,500.00		\$2,500.00
57	Pond Excavation	CY	23,930	\$9.50		23,930	\$227,335.00		\$227,335.00
58	Lift Station	LS	1	\$225,000.00		1	\$225,000.00		\$225,000.00
59	Riprap W/ Fabric	CY	58	\$120.00		58	\$6,960.00		\$6,960.00

**PART 5 - ROADWAY**

60	Subgrade Preparation - 12"	SY	13,950	\$1.00		13,950	\$13,950.00		\$13,950.00
61	Geotextile Fabric	SY	13,950	\$2.00		13,950	\$27,900.00		\$27,900.00
62	Unclassified Excavation	CY	6,500	\$7.00		6,500	\$45,500.00		\$45,500.00
63	Removal-Bituminous Pavement	SY	3,430	\$3.00		3,430	\$10,290.00		\$10,290.00
64	Sawcut - Bituminous Pavement	LF	3,280	\$4.00		3,242	\$12,968.00		\$12,968.00
65	Removal - Concrete Valley Gutter	SY	74	\$8.00		75	\$600.00		\$600.00
66	Removal - Concrete Sidewalk	SY	16	\$8.00		16	\$128.00		\$128.00
67	Removal - Drainage Culvert	LF	251	\$20.00		217	\$4,340.00		\$4,340.00
68	Removal - Concrete Driveway	SY	197	\$10.00		200	\$2,000.00		\$2,000.00
69	Removal - Curb & Gutter	LF	1,217	\$8.00		1,117	\$8,936.00		\$8,936.00
70	Aggregate Base Course - Class 5 - 10"	CY	3,815	\$38.00		3,815	\$144,970.00		\$144,970.00
71	Asphalt Base Course - 4" CL-31(pg.58-28)	SY	11,130	\$17.50		11,130	\$194,775.00		\$194,775.00
72	Asphalt Wear Course - 2" CL-31(pg.58-28)	SY	11,130	\$8.50		11,130	\$94,605.00		\$94,605.00
73	Asphalt Base Course - 2" CL-31(pg.58-28)	SY	668	\$8.50		668	\$5,678.00		\$5,678.00
74	Asphalt Wear Course - 1.5" CL-31(pg.58-28)	SY	668	\$7.00		668	\$4,676.00		\$4,676.00
75	Surface Aggregate - 12"	CY	62	\$50.00		62	\$3,100.00		\$3,100.00
76	Concrete Curb & Gutter	LF	5,328	\$18.00		5,328	\$95,904.00		\$95,904.00

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Bid Item No.	Description								
77	Truncated Dome Panel	SF	310	\$50.00		310	\$15,500.00		\$15,500.00
78	Concrete Driveway - 6"	SY	196	\$80.00		201	\$16,080.00		\$16,080.00
79	Decorative Concrete Median	SY	235	\$100.00		235	\$23,500.00		\$23,500.00
80	Conc. Walk/Bike path - 10' Wide	SY	2,130	\$50.00		2,130	\$106,500.00		\$106,500.00
81	Bituminous Material for Tack Coat	GAL	1,145	\$3.00		1,145	\$3,435.00		\$3,435.00
82	Concrete Valley Gutter - 6"	SY	135	\$80.00		135	\$10,800.00		\$10,800.00
83	Striping - 4" - White Epoxy	LF	1,987	\$0.50		1,987	\$993.50		\$993.50
84	Striping - 4" - Yellow Epoxy	LF	4,847	\$0.50		4,847	\$2,423.50		\$2,423.50
85	Striping - 8" - Yellow Epoxy	LF	615	\$11.00		615	\$6,765.00		\$6,765.00
86	Striping - 6" - White Plastic	LF	788	\$15.00		788	\$11,820.00		\$11,820.00
87	Striping - 8" - White Epoxy	LF	2,327	\$1.00		2,327	\$2,327.00		\$2,327.00
88	Striping - 24" - White Plastic	LF	200	\$38.00		200	\$7,600.00		\$7,600.00
89	Message - White Plastic	SF	558	\$28.00		558	\$15,624.00		\$15,624.00
90	Sign	SF	210	\$45.00		210	\$9,450.00		\$9,450.00
91	Permanent Type III Baricade	EA	3	\$900.00		3	\$2,700.00		\$2,700.00
92	Remove and Relocate Permanent Type III Baricade	EA	3	\$300.00		3	\$900.00		\$900.00
93	Remove Sign	EA	5	\$60.00		5	\$300.00		\$300.00
94	Remove and Relocate Sign	EA	2	\$160.00		2	\$320.00		\$320.00
<b>PART 6 - LIGHTING</b>									
95	Type C Street Light Unit	EA	10	\$2,100.00		10	\$21,000.00		\$21,000.00
96	Copper Circuit Conductors	LF	5,357	\$3.50		5,462	\$19,117.00		\$19,117.00
97	2" Conduit	LF	465	\$16.00		643	\$10,288.00		\$10,288.00
98	Pull Box	EA	1	\$1,350.00		3	\$4,050.00		\$4,050.00
99	Trenching - 27" Deep	LF	4,892	\$5.00		5,012	\$25,060.00		\$25,060.00
100	Revise Existing Feed Point	EA	1	\$1,500.00		1	\$1,500.00		\$1,500.00
101	Remove Existing Light Fixture	EA	2	\$1,750.00		2	\$3,500.00		\$3,500.00
102	Relocate Existing Light Fixture	EA	5	\$4,000.00		5	\$20,000.00		\$20,000.00
103	Spare Type C Pole	EA	1	\$1,800.00		1	\$1,800.00		\$1,800.00
104	Spare Type C Luminaire	EA	1	\$1,000.00		1	\$1,000.00		\$1,000.00
<b>PART 7 - TRAFFIC SIGNAL</b>									
105	Concrete Foundation - Traffic Signals	EA	4	\$4,200.00		4	\$16,800.00		\$16,800.00
106	Concrete Foundation - Feed Point - Type B	EA	1	\$1,100.00		1	\$1,100.00		\$1,100.00
107	Pull Box	EA	3	\$1,400.00		5	\$7,000.00		\$7,000.00
108	1 IN Diameter Rigid Conduit	LF	14	\$5.00		14	\$70.00		\$70.00
109	3 IN Diameter Rigid Conduit	LF	767	\$16.00		830	\$13,280.00		\$13,280.00
110	Emergency Vehicle Detector Cable	LF	1,116	\$1.00		1,116	\$1,116.00		\$1,116.00
111	No12 AWG 2 Conductor Cable	LF	1,116	\$1.50		1,289	\$1,933.50		\$1,933.50
112	No12 AWG 5 Conductor Cable	LF	1,642	\$2.00		2,041	\$4,082.00		\$4,082.00
113	No12 AWG 7 Conductor Cable	LF	840	\$2.50		508	\$1,270.00		\$1,270.00
114	No12 AWG 12 Conductor Cable	LF	859	\$2.75		929	\$2,554.75		\$2,554.75
115	No16 AWG 2 Conductor Cable	LF	773	\$1.00		759	\$759.00		\$759.00
116	Combo 46 Ft Ma Sig & LT Std - Type C	EA	1	\$15,000.00		1	\$15,000.00		\$15,000.00
117	Combo 50 Ft Ma Sig & LT Std - Type C	EA	1	\$15,000.00		1	\$15,000.00		\$15,000.00
118	Combo 58 Ft Ma Sig & LT Std - Type C	EA	1	\$15,000.00		1	\$15,000.00		\$15,000.00

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Bid Item No.	Description								
119	Combo 59 Ft Ma Sig & LT Std - Type C	EA	1	\$15,000.00		1	\$15,000.00		\$15,000.00
120	1 - Way 3 Sec Head W/ 12IN Lens - Post MTD	EA	2	\$1,500.00		2	\$3,000.00		\$3,000.00
121	1 - Way 3 Sec Head W/ 12IN Lens - Ma MTD	EA	8	\$1,500.00		8	\$12,000.00		\$12,000.00
122	1 - Way 4 Sec Head W/ 12IN Lens - Ma MTD	EA	2	\$1,500.00		2	\$3,000.00		\$3,000.00
123	1 - Way 5 Sec Head W/ 12IN Lens - Post MTD	EA	4	\$2,000.00		4	\$8,000.00		\$8,000.00
124	Pedestrian Countdown Signal Head - Post Mtd	EA	4	\$800.00		4	\$3,200.00		\$3,200.00
125	Pedestrian Push Button W/ Post & Sign	EA	1	\$900.00		1	\$900.00		\$900.00
126	Pedestrian Pushbutton & Sign	EA	4	\$650.00		4	\$2,600.00		\$2,600.00
127	Video Detection Cable	LF	1,116	\$2.00		930	\$1,860.00		\$1,860.00
128	Video Detection System	EA	1	\$50,000.00					
129	Volume Density Control w/Ped & Emer. Pre-Emption	EA	1	\$8,000.00		1	\$8,000.00		\$8,000.00
130	Battery Backup System	EA	1	\$8,000.00		1	\$8,000.00		\$8,000.00
131	Emergency Vehicle Preemption Unit	EA	4	\$4,000.00		4	\$16,000.00		\$16,000.00
132	Type B Controller And Cabinet	EA	1	\$40,000.00		1	\$40,000.00		\$40,000.00
133	Wifi Panel - LIFT STATION ONLY	EA	1	\$15,000.00		1	\$15,000.00		\$15,000.00
<b>PART 8 - GENERAL</b>									
134	Clearing & Grubbing	SY	10,730	\$4.00		10,730	\$42,920.00		\$42,920.00
135	Seeding & Hydromulch	AC	5	\$5,000.00		5	\$25,000.00		\$25,000.00
136	Erosion Control Blanket	SY	4,700	\$3.00		4,700	\$14,100.00		\$14,100.00
137	Topsoil - Remove and Salvage - 6"	CY	4,800	\$3.00		4,388	\$13,164.00		\$13,164.00
138	Tree - Small Deciduous	EA	69	\$650.00		32	\$20,800.00		\$20,800.00
139	Inlet Protection Device	EA	20	\$250.00		20	\$5,000.00		\$5,000.00
140	Silt Fence	LF	3,860	\$3.50		2,250	\$7,875.00		\$7,875.00
141	Sedimentation Control Wattle - 9"	LF	100	\$8.00		100	\$800.00		\$800.00
142	Stabilized Construction Entrance	EA	1	\$2,500.00		1	\$2,500.00		\$2,500.00
143	Traffic Control	LS	1	\$20,000.00		1	\$20,000.00		\$20,000.00
144	Material Testing	LS	1	\$20,000.00					
<b>PART 9 - MOBILIZATION &amp; BONDING</b>									
145	Mobilization	LS	1	\$24,000.00		1	\$24,000.00		\$24,000.00
146	Contract Bond	LS	1	\$12,000.00		1	\$10,981.20		\$10,981.20
<b>ALTERNATE 1 - LED RETROFITTING</b>									
147	LED Luminaire Retrofit	EA	19	\$1,000.00		19	\$19,000.00		\$19,000.00

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Bid Item No.	Description								
<b>CHANGE ORDERS:</b>									
<i>Change Order No. 1</i>									
148	Video Detection System FLIR Thermal Imaging Cameras	EA	1	\$64,540.74		1	\$64,540.74		\$64,540.74
<i>Change Order No. 2</i>									
11	Boring - 16" PVC Certa-Lok C905 W/ 24" Steel Sleeve	LF	35	\$500.00		35	\$17,500.00		\$17,500.00
<i>Change Order No. 3</i>									
23	NPRW - Relocated Lines and Lowering	LS	1	\$10,725.32		1	\$10,725.32		\$10,725.32
149	Sanitary Sewer - 10" PVC SDR 35	LF	300	\$26.41		300	\$7,923.00		\$7,923.00
150	Sand Collar - 10" PVC SDR 35	EA	2	\$525.86		2	\$1,051.72		\$1,051.72
151	Roadway Delineators and Signs	LS	1	\$3,440.00		1	\$3,440.00		\$3,440.00
<i>Change Order No. 4</i>									
152	SCADA HMI Programming	LS	1	\$3,597.00	1	1	\$3,597.00		\$3,597.00
153	Curb and Gutter Removal and Replacement	LF	1,080	\$33.50	640	1,080	\$36,180.00		\$36,180.00
<i>Change Order No. 5</i>									
154	Traffic Control - Curb and Gutter Replacement	LS	1	\$2,424.40	1	1	\$2,424.40		\$2,424.40
<i>Change Order No. 6</i>									
155	Sewer Rock Trench Drain	LS	1	\$4,976.63	1	1	\$4,976.63		\$4,976.63
156	Lift Station Control System Modification	LS	1	\$6,182.10	1	1	\$6,182.10		\$6,182.10
<i>Final Balancing Change Order No. 7</i>									
157	Liquidated Damages	Days	123	-\$1,550.00	123	123	-\$190,650.00		-\$190,650.00
<b>TOTALS</b>								<b>\$2,751,502.36</b>	<b>\$2,751,502.36</b>