



Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
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www.cityofmadison.com/engineering

Deputy City Engineer
Gregory T. Fries, P.E.

Deputy Division Manager
Kathleen M. Cryan

Principal Engineer 2
Christopher J. Petykowski, P.E.
John S. Fahrney, P.E.

Principal Engineer 1
Christina M. Bachmann, P.E.
Mark D. Moder, P.E.
Janet Schmidt, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager
Bryan Cooper, Principal Architect

Mapping Section Manager
Eric T. Pederson, P.S.

Financial Manager
Steven B. Danner-Rivers

Date: February 7, 2019

To: Mr. Dave Schmiedicke, Finance Director

Public Works Contract: Maple Terrace/ University Ave Traffic Signal

Contract Number: 8128

Contractor: Raymond P. Cattell Inc.

Substantial Date: 6/23/2018

This notice is to inform you that the improvements on the abovementioned public works contract were completed and are hereby accepted.

<i>Original Contract Sum</i>	\$256,374.80
<i>(Based on Actual Units)</i>	\$205,587.79
<i>Net Change by Change Orders</i>	\$0.00 or 0.00%
<i>Liquidated Damages</i>	\$0.00
<i>Final Contract Amount</i>	\$205,587.79

Please refer to the attached Final Payment Application for Final Account Breakdown. Please consider this contract closed and reverse all unused encumbrances.

If there are any questions with the above information please call me at 266-9091, or Alane Boutelle at 267-1197.

Sincerely,

John S. Fahrney, P. E.
Construction Engineer

JDF
cc:

Steve Danner-Rivers, Engineering Div.
Norman Davis, Civil Rights

Encl.

**APPLICATION AND CERTIFICATE FOR PAYMENT
CITY OF MADISON ENGINEERING DIVISION**

Project Manager: GLEN YOERGER

Page 1 of 5

Project: HILLDALE WAY - MAPLE TERRACE - UNIVERSITY AVENUE TRAFFIC SIGNAL ASSESSMENT DISTRICT

Contract Number: 8128

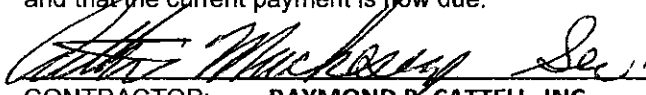
Payment Number: FINAL #4

DO NOT WRITE IN THIS BOX - TO BE COMPLETED BY CITY ENGINEERING PERSONNEL ONLY

TOTAL FROM PAGE: <u>5</u>	<u>205,587.79</u>
LESS RETAINAGE:	<u>0.00</u>
SUBTOTAL:	<u>205,587.79</u>
LESS PREVIOUS PAYMENTS:	<u>202,769.95</u>
CURRENT PAYMENT DUE:	<u>2,817.84</u>

CONTRACTOR'S APPLICATION FOR PAYMENT:

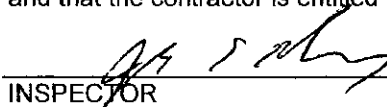
The undersigned contractor certifies that to the best of his/her knowledge the work covered by this application for payment has been completed in accordance with the contract documents, and that the current payment is now due.


 CONTRACTOR: RAYMOND P. CATTELL, INC.

1-19-2018
 DATE

INSPECTOR'S CERTIFICATE FOR PAYMENT:

The undersigned Inspector certifies that to the best of his/her knowledge, the work covered by this application for payment has been completed in accordance with the contract documents, and that the contractor is entitled to payment for the amount certified.


 INSPECTOR

1/2/19
 DATE

PLEASE PROVIDE THE TIME PERIOD FOR THIS PAYMENT REQUEST:

FROM: _____
 TO: _____

PLEASE PROVIDE THE CONTRACTOR/SUBCONTRACTORS THAT WORKED ON PROJECT DURING THIS PERIOD:

NOTE: SIGNED PAYMENT REQUEST SHALL BE SUBMITTED TO THE ENGINEER/INSPECTOR.
 PARTIAL PAYMENTS CAN BE PROCESSED EVERY TWO WEEKS.

STREET ACCOUNT NO. 45852-45-170
 STREET/STORM ACCOUNT NO. 45852-45-174
 SIGNALS ACCOUNT NO. 45852-45-176
 STREET LIGHTING ACCOUNT NO. 45852-45-177

CONTRACTOR/INSPECTOR/ENGINEER SHOULD ONLY COMPLETE COLUMN #10, "TOTAL UNITS"

RAYMOND P. CATTELL, INC.
 HILLDALE WAY - MAPLE TERRACE - UNIVERSITY AVENUE TRAFFIC SIGNAL ASSESSMENT DISTRICT
 CONTRACT NO. 8128
 FINAL PAYMENT NO. 4

ITEM	TYPE OF WORK	1 ESTIMATED QUANTITIES	2 UNITS	3 UNIT PRICE BID	4 CONTRACT DOLLARS	5 C. O. DOLLARS	6 UNITS THIS APPL.	7 EXTENSION	8 UNITS PREV. APPL.(S)	9 EXTENSION	***** #10		12 PERCENT COMPLETE
											11 TOTAL UNITS	EXTENSION	
STREET ACCOUNT NO. 45852-45-170													
10701	TRAFFIC CONTROL	1.00	LUMP SUM	\$26,500.00	\$26,500.00		0.00	\$0.00	1.00	\$26,500.00	1.00	\$26,500.00	100.0%
10720	TRAFFIC CONTROL SIGN-PORTABLE ARROW BOARD	80.00	DAYS	\$25.00	\$2,000.00		5.00	\$125.00	60.00	\$1,500.00	65.00	\$1,625.00	81.3%
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	30.00	DAYS	\$125.00	\$3,750.00		14.00	\$1,750.00	0.00	\$0.00	14.00	\$1,750.00	46.7%
10911	MOBILIZATION	1.00	LS	\$26,500.00	\$26,500.00		0.00	\$0.00	1.00	\$26,500.00	1.00	\$26,500.00	100.0%
20101	EXCAVATION CUT	210.00	CY	\$30.00	\$6,300.00		(31.70)	(\$951.00)	210.00	\$6,300.00	178.30	\$5,349.00	84.9%
20140	GEOTEXTILE FABRIC TYPE SAS (NON- WOVEN)	150.00	SY	\$5.00	\$750.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
20219	BREAKER RUN	80.00	TON	\$10.00	\$800.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
20221	TOPSOIL	180.00	SY	\$5.00	\$900.00		0.00	\$0.00	177.27	\$886.35	177.27	\$886.35	98.5%
20303	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	300.00	LF	\$5.00	\$1,500.00		0.00	\$0.00	235.00	\$1,175.00	235.00	\$1,175.00	78.3%
20322	REMOVE CONCRETE CURB & GUTTER	290.00	LF	\$8.00	\$2,320.00		0.00	\$0.00	216.90	\$1,735.20	216.90	\$1,735.20	74.8%
20323	REMOVE CONCRETE SIDEWALK & DRIVE	400.00	SF	\$5.00	\$2,000.00		0.00	\$0.00	413.00	\$2,065.00	413.00	\$2,065.00	103.3%
20701	TERRACE SEEDING	180.00	SY	\$5.00	\$900.00		0.00	\$0.00	177.27	\$886.35	177.27	\$886.35	98.5%
21063	EROSION MATTING, CLASS I, TYPE A - ORGANIC	180.00	SY	\$5.00	\$900.00		(1,596.00)	(\$7,980.00)	1,773.27	\$8,866.35	177.27	\$886.35	98.5%
30201	TYPE 'A' CONCRETE CURB & GUTTER	40.00	LF	\$40.00	\$1,600.00		0.00	\$0.00	30.00	\$1,200.00	30.00	\$1,200.00	75.0%
30207	TYPE 'H' CONCRETE CURB & GUTTER	360.00	LF	\$25.00	\$9,000.00		0.00	\$0.00	325.90	\$8,147.50	325.90	\$8,147.50	90.5%
30209	SPECIAL WATERWAY	30.00	SF	\$10.00	\$300.00		0.00	\$0.00	20.00	\$200.00	20.00	\$200.00	66.7%
30301	5" CONCRETE SIDEWALK	350.00	SF	\$6.70	\$2,345.00		0.00	\$0.00	265.80	\$1,780.86	265.80	\$1,780.86	75.9%
30302	7" CONCRETE SIDEWALK AND DRIVE	450.00	SF	\$7.50	\$3,375.00		0.00	\$0.00	406.90	\$3,051.75	406.90	\$3,051.75	90.4%
30311	CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	160.00	SF	\$10.00	\$1,600.00		0.00	\$0.00	117.70	\$1,177.00	117.70	\$1,177.00	73.6%

CONTRACTOR/INSPECTOR/ENGINEER SHOULD ONLY COMPLETE COLUMN #10, "TOTAL UNITS"

RAYMOND P. CATTELL, INC.
 HILLDALE WAY - MAPLE TERRACE - UNIVERSITY AVENUE TRAFFIC SIGNAL ASSESSMENT DISTRICT
 CONTRACT NO. 8128
 FINAL PAYMENT NO. 4

ITEM	TYPE OF WORK	1	2	3	4	5	6	7	8	9	***** #10		12
		ESTIMATED QUANTITIES	UNITS	UNIT PRICE BID	CONTRACT DOLLARS	C. O. DOLLARS	UNITS THIS APPL.	EXTENSION	UNITS PREV. APPL.(S)	EXTENSION	TOTAL UNITS	EXTENSION	PERCENT COMPLETE
30340	CURB RAMP DETECTABLE WARNING FIELD	48.00	SF	\$30.00	\$1,440.00		0.00	\$0.00	48.00	\$1,440.00	48.00	\$1,440.00	100.0%
40101	CRUSHED AGGREGATE BASE COURSE, GRADATION 1	100.00	TON	\$15.00	\$1,500.00		0.00	\$0.00	21.91	\$328.65	21.91	\$328.65	21.9%
40102	CRUSHED AGGREGATE BASE COURSE, GRADATION 2	300.00	TON	\$10.00	\$3,000.00		0.00	\$0.00	99.48	\$994.80	99.48	\$994.80	33.2%
40203	HMA PAVEMENT 3 MT 58-28 S	130.00	TON	\$110.00	\$14,300.00		0.00	\$0.00	88.88	\$9,776.80	88.88	\$9,776.80	68.4%
40205	HMA PAVEMENT 4 MT 58-28 H	250.00	TON	\$120.00	\$30,000.00		0.00	\$0.00	107.85	\$12,942.00	107.85	\$12,942.00	43.1%
40211	BITUMINOUS TACK COAT	130.00	GAL	\$5.00	\$650.00		0.00	\$0.00	50.00	\$250.00	50.00	\$250.00	38.5%
40301	FULL WIDTH GRINDING	1,200.00	SY	\$12.00	\$14,400.00		0.00	\$0.00	490.20	\$5,882.40	490.20	\$5,882.40	40.9%
60800	PAVEMENT MARKING EPOXY, LINE, 4-INCH	26.00	L.F.	\$1.05	\$27.30		17.00	\$17.85	26.00	\$27.30	43.00	\$45.15	165.4%
60803	PAVEMENT MARKING EPOXY, LINE, 8-INCH	215.00	L.F.	\$2.10	\$451.50		18.00	\$37.80	200.00	\$420.00	218.00	\$457.80	101.4%
60812	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	100.00	L.F.	\$4.90	\$490.00		12.00	\$58.80	90.00	\$441.00	102.00	\$499.80	102.0%
60816	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH	252.00	L.F.	\$7.00	\$1,764.00		106.00	\$742.00	200.00	\$1,400.00	306.00	\$2,142.00	121.4%
60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH	140.00	L.F.	\$7.80	\$1,092.00		45.00	\$351.00	100.00	\$780.00	145.00	\$1,131.00	103.6%
60826	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE & STRAIGHT ARROW	2.00	EACH	\$400.00	\$800.00		(1.00)	(\$400.00)	2.00	\$800.00	1.00	\$400.00	50.0%
60829	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	3.00	EACH	\$135.00	\$405.00		0.00	\$0.00	3.00	\$405.00	3.00	\$405.00	100.0%
60830	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	1.00	EACH	\$135.00	\$135.00		0.00	\$0.00	1.00	\$135.00	1.00	\$135.00	100.0%
60834	PAVEMENT MARKING EPOXY, WORD, ONLY	2.00	EACH	\$250.00	\$500.00		0.00	\$0.00	2.00	\$500.00	2.00	\$500.00	100.0%
60880	PAVEMENT MARKING REMOVAL, 4-INCH	245.00	L.F.	\$2.00	\$490.00		329.00	\$658.00	0.00	\$0.00	329.00	\$658.00	134.3%
60885	PAVEMENT MARKING REMOVAL, 24-INCH	13.00	L.F.	\$8.00	\$104.00		14.00	\$112.00	0.00	\$0.00	14.00	\$112.00	107.7%
90001	COLORED AND TEXTURED CONCRETE 7-INCH	550.00	SF	\$10.40	\$5,720.00		103.56	\$1,077.02	394.52	\$4,103.01	498.08	\$5,180.03	90.6%
SUBTOTALS					\$170,608.80			(\$4,401.53)		\$132,597.32		\$128,195.79	75.14%

STREET/STORM ACCOUNT NO. 45852-45-174

20313	REMOVE INLET	2.00	EACH	\$500.00	\$1,000.00		1.00	\$500.00	1.00	\$500.00	2.00	\$1,000.00	100.0%
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CONTRACTOR/INSPECTOR/ENGINEER SHOULD ONLY COMPLETE COLUMN #10, "TOTAL UNITS"

RAYMOND P. CATTELL, INC.
 HILLDALE WAY - MAPLE TERRACE - UNIVERSITY AVENUE TRAFFIC SIGNAL ASSESSMENT DISTRICT
 CONTRACT NO. 8128
 FINAL PAYMENT NO. 4

ITEM	TYPE OF WORK	1	2	3	4	5	6	7	8	9	***** #10		12
		ESTIMATED QUANTITIES	UNITS	UNIT PRICE BID	CONTRACT DOLLARS	C. O. DOLLARS	UNITS THIS APPL.	EXTENSION	UNITS PREV. APPL.(S)	EXTENSION	TOTAL UNITS	EXTENSION	PERCENT COMPLETE
20314	REMOVE PIPE	12.00	L.F.	\$25.00	\$300.00		0.00	\$0.00	10.00	\$250.00	10.00	\$250.00	83.3%
21013	STREET SWEEPING	1.00	LUMP SUM	\$1,500.00	\$1,500.00		0.00	\$0.00	1.00	\$1,500.00	1.00	\$1,500.00	100.0%
21041	INLET PROTECTION TYPE D - COMPLETE	10.00	EACH	\$150.00	\$1,500.00		0.00	\$0.00	6.00	\$900.00	6.00	\$900.00	60.0%
40362	ADJUST ACCESS STRUCTURE CASTING - RESURFACING	2.00	EACH	\$500.00	\$1,000.00		0.00	\$0.00	2.00	\$1,000.00	2.00	\$1,000.00	100.0%
40367	ADJUST VALVE CASTING METHOD # 1 - RESURFACING	4.00	EACH	\$250.00	\$1,000.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
40371	REBUILD ACCESS STRUCTURE TOP	1.00	EACH	\$1,500.00	\$1,500.00		0.00	\$0.00	1.00	\$1,500.00	1.00	\$1,500.00	100.0%
50211	SELECT BACKFILL FOR STORM SEWER	5.00	T.F.	\$10.00	\$50.00		1.00	\$10.00	5.00	\$50.00	6.00	\$60.00	120.0%
50390	SEWER ELECTRONIC MARKERS	1.00	EACH	\$100.00	\$100.00		0.00	\$0.00	1.00	\$100.00	1.00	\$100.00	100.0%
50401	12 INCH TYPE I RCP STORM SEWER PIPE	5.00	L.F.	\$300.00	\$1,500.00		1.00	\$300.00	5.00	\$1,500.00	6.00	\$1,800.00	120.0%
50741	TYPE H INLET	2.00	EACH	\$2,500.00	\$5,000.00		0.00	\$0.00	2.00	\$5,000.00	2.00	\$5,000.00	100.0%
50761	SADDLED INLET TYPE I	2.00	EACH	\$2,500.00	\$5,000.00		0.00	\$0.00	2.00	\$5,000.00	2.00	\$5,000.00	100.0%
50792	STORM SEWER TAP	1.00	EACH	\$1,000.00	\$1,000.00		0.00	\$0.00	1.00	\$1,000.00	1.00	\$1,000.00	100.0%
SUBTOTALS					\$20,450.00			\$810.00		\$18,300.00		\$19,110.00	93.45%
SIGNALS ACCOUNT NO. 45852-45-176													
50225	UTILITY TRENCH PATCH TYPE III	40.00	T.F.	\$100.00	\$4,000.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
60221	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH METHOD"	674.00	L.F.	\$15.00	\$10,110.00		0.00	\$0.00	95.00	\$1,425.00	95.00	\$1,425.00	14.1%
60222	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT	393.00	L.F.	\$7.00	\$2,751.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
60223	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH METHOD"	9.00	L.F.	\$14.00	\$126.00		0.00	\$0.00	220.00	\$3,080.00	220.00	\$3,080.00	2444.4%
60224	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT	18.00	L.F.	\$6.00	\$108.00		0.00	\$0.00	854.00	\$5,124.00	854.00	\$5,124.00	4744.4%
60229	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT BY "OPEN TRENCH" METHOD	83.00	L.F.	\$14.00	\$1,162.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	492.00	L.F.	\$6.00	\$2,952.00		0.00	\$0.00	317.00	\$1,902.00	317.00	\$1,902.00	64.4%

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		ESTIMATED QUANTITIES	UNITS	UNIT PRICE BID	CONTRACT DOLLARS	C. O. DOLLARS	UNITS THIS APPL.	EXTENSION	UNITS PREV. APPL.(S)	EXTENSION	TOTAL UNITS	EXTENSION	PERCENT COMPLETE
60231	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD	73.00	L.F.	\$13.00	\$949.00		0.00	\$0.00	49.00	\$637.00	49.00	\$637.00	67.1%
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	317.00	L.F.	\$35.00	\$11,095.00		0.00	\$0.00	457.00	\$15,995.00	457.00	\$15,995.00	144.2%
60407	CONSTRUCT LB-8 BASE	1.00	EACH	\$1,000.00	\$1,000.00		0.00	\$0.00	1.00	\$1,000.00	1.00	\$1,000.00	100.0%
60409	CONSTRUCT OFFSET BASE	1.00	EACH	\$1,500.00	\$1,500.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
60411	CONSTRUCT TYPE "G" BASE	4.00	EACH	\$750.00	\$3,000.00		0.00	\$0.00	4.00	\$3,000.00	4.00	\$3,000.00	100.0%
60413	CONSTRUCT TYPE "P" BASE	1.00	EACH	\$1,500.00	\$1,500.00		0.00	\$0.00	1.00	\$1,500.00	1.00	\$1,500.00	100.0%
60427	REMOVE ELECTRICAL HANDHOLE	1.00	EACH	\$250.00	\$250.00		0.00	\$0.00	1.00	\$250.00	1.00	\$250.00	100.0%
60702	CONSTRUCT ELECTRICAL HANDHOLE TYPE 1	2.00	EACH	\$750.00	\$1,500.00		0.00	\$0.00	2.00	\$1,500.00	2.00	\$1,500.00	100.0%
60708	CONSTRUCT ELECTRICAL HANDHOLE TYPE 5	6.00	EACH	\$1,200.00	\$7,200.00		0.00	\$0.00	6.00	\$7,200.00	6.00	\$7,200.00	100.0%
90100	CONCRETE BASE TYPE 13	2.00	EACH	\$6,000.00	\$12,000.00		0.00	\$0.00	2.00	\$12,000.00	2.00	\$12,000.00	100.0%
SUBTOTALS					\$61,203.00			\$0.00		\$54,613.00		\$54,613.00	89.23%
STREET LIGHTING ACCOUNT NO. 45852-45-177													
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	113.00	L.F.	\$6.00	\$678.00		0.00	\$0.00	122.00	\$732.00	122.00	\$732.00	108.0%
60231	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT BY "OPEN TRENCH" METHOD	19.00	L.F.	\$13.00	\$247.00		0.00	\$0.00	49.00	\$637.00	49.00	\$637.00	257.9%
60532	FURNISH & INSTALL 3 #4 & 1 #8 WIRES IN EXISTING OR CONTRACTOR INSTALLED CONDUIT	296.00	L.F.	\$3.00	\$888.00		0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.0%
60403	CONSTRUCT LB-3 BASE	2.00	EACH	\$1,000.00	\$2,000.00		0.00	\$0.00	2.00	\$2,000.00	2.00	\$2,000.00	100.0%
60421	REMOVE STREET LIGHT BASE	1.00	EACH	\$300.00	\$300.00		0.00	\$0.00	1.00	\$300.00	1.00	\$300.00	100.0%
SUBTOTALS					\$4,113.00			\$0.00		\$3,669.00		\$3,669.00	89.20%
CONTRACT TOTALS					\$256,374.80			(\$3,591.53)		\$209,179.32		\$205,587.79	80.19%