

## 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 Phone: (608) 266-4751 Fax: (608) 264-9275 engineering@cityofmadison.com www.cityofmadison.com/engineering

**Assistant City Engineer** 

Gregory T. Fries, P.E. 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

**Mapping Section Manager** 

Eric T. Pederson, P.S.

Financial Manager Steven B. Danner-Rivers

Date:

March 8, 2018

To:

Mr. Dave Schmiedicke, Finance Director

**Public Works Contract:** 

Local Road Traffic Calming & Arterial Ped Enhancements 2017

Contract Number:

7849

Contractor:

Raymond P. Cattell Inc.

**Substantial Date:** 

11/6/2017

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

Original Contract Sum (Based on Actual Units)

\$392,523.00 \$387,430.30

Net Change by Change Orders

\$2,500.00 or 0.64%

Liquidated Damages

\$0.00

Final Contract Amount

\$389,930.30

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.

Since fly S. Fly

John S. Fahrney, P. E.

Construction Engineer

**JDF** 

cc:

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

# APPLICATION AND CERTIFICATE FOR PAYMENT CITY OF MADISON ENGINEERING DIVISION

| Project Manager:            | JIM WOLFE  | Page 1 of4                             |  |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|--|--|--|
| Project: LOCAL              | ROAD TRAFFIC CALMING & ARTERIAL PEDESTRI   | AN ENHANCEMENTS - 2017                 |  |  |  |  |  |  |
| Contract Number:            | 7849   | Payment Number: FINAL #7               |  |  |  |  |  |  |
| DO NOT WRIT                 | E IN THIS BOX - TO BE COMPLETED BY CIT   | Y ENGINEERING PERSONNEL ONLY           |  |  |  |  |  |  |
| TOTAL FROM PAGE             | ::4  | 389,930.30                             |  |  |  |  |  |  |
| LESS RETAINAGE:             |  | 0.00                                   |  |  |  |  |  |  |
| SUBTOTAL:                   |  | 389,930.30                             |  |  |  |  |  |  |
| LESS PREVIOUS PA            | YMENTS:  | 380,054.72                             |  |  |  |  |  |  |
| CURRENT PAYMEN              | T DUE:   |  |  |  |  |  |  |  |
| INSPECTOR'S CERT<br>The und | ACTOR: RAYMOND P. CATTELL, INC.  TIFICATE FOR PAYMENT: lersigned Inspector certifies that to the best of his. application for payment has been completed in ac-  | cordance with the contract documents,  |  |  |  |  |  |  |
| and that                    | the contractor is entitled to payment for the amount to th | unt certified.                         |  |  |  |  |  |  |
|                             | E TIME PERIOD FOR THIS PAYMENT REQUEST:  | FROM:                                  |  |  |  |  |  |  |
| PLEASE PROVIDE THI          | CONTRACTOR/SUBCONTRACTORS THAT WOR   | TO: KED ON PROJECT DURING THIS PERIOD: |  |  |  |  |  |  |
|                             |  |  |  |  |  |  |  |  |
| NOTE: SIGNED                | PAYMENT REQUEST SHALL BE SUBMITTED TO TH   | HE ENGINEER/INSPECTOR.                 |  |  |  |  |  |  |

PARTIAL PAYMENTS CAN BE PROCESSED EVERY TWO WEEKS.

STREET ACCOUNT NO. 11462-402-200
METRO ACCOUNT NO. 85131-54425-00000 (GORHAM)
METRO ACCOUNT NO. 85131-54250-00000 (WEST TRANSFER POINT)

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

RAYMOND P. CATTELL, INC.
LOCAL ROAD TRAFFIC CALMING & ARTERIAL PEDESTRIAN ENHANCEMENTS - 2017
CONTRACT NO. 7849

|         | ACT NO. 7849<br>AYMENT NO. 7  |                      |          |                   |                     | ĺ                | ſ                |           |                         |             | *****          |             | I                   |
|---------|---|----------------------|----------|-------------------|---------------------|------------------|------------------|-----------|-------------------------|-------------|----------------|-------------|---------------------|
|         | 7.1.11.2.11   | 1                    | 2        | 3                 | 4                   | 5                | 6                | 7         | 8                       | 9           | #10            | 11          | 12                  |
| ITEM    | TYPE OF WORK  | ESTIMATED QUANTITIES | UNITS    | UNIT PRICE<br>BID | CONTRACT<br>DOLLARS | C. O.<br>DOLLARS | UNITS THIS APPL. | EXTENSION | UNITS PREV.<br>APPL.(S) | EXTENSION   | TOTAL<br>UNITS | EXTENSION   | PERCENT<br>COMPLETE |
| STREET  | ACCOUNT NO. 11462-402-200   |                      |          |                   |                     |                  |                  |           |                         |             |                |             |                     |
| 10701   | TRAFFIC CONTROL   | 1.00                 | LUMP SUM | \$34,000.00       | \$34,000.00         |                  | 0.00             | \$0.00    | 1.00                    | \$34,000.00 | 1.00           | \$34,000.00 | 100.0%              |
| 10911.1 | MOBILIZATION  | 1.00                 | LUMP SUM | \$39,000.00       | \$39,000.00         |                  | 0.00             | \$0.00    | 1.00                    | \$39,000.00 | 1.00           | \$39,000.00 | 100.0%              |
| 20101   | EXCAVATION CUT  | 481.00               | C.Y.     | \$45.00           | \$21,645.00         |                  | 0.00             | \$0.00    | 481.00                  | \$21,645.00 | 481.00         | \$21,645.00 | 100.0%              |
| 20221   | TOPSOIL   | 67.00                | S.Y.     | \$15.00           | \$1,005.00          |                  | 0.00             | \$0.00    | 45.00                   | \$675.00    | 45.00          | \$675.00    | 67.2%               |
| 20303   | SAWCUT ASPHALT PAVEMENT   | 2,370.00             | L.F.     | \$3.00            | \$7,110.00          |                  | 0.00             | \$0.00    | 2,176.90                | \$6,530.70  | 2,176.90       | \$6,530.70  | 91.9%               |
| 20322   | REMOVE CONCRETE CURB & GUTTER                                       | 120.00               | L.F.     | \$10.00           | \$1,200.00          |                  | 0.00             | \$0.00    | 219.30                  | \$2,193.00  | 219.30         | \$2,193.00  | 182.8%              |
| 20323   | REMOVE CONCRETE SIDEWALK & DRIVE                                    | 1,150.00             | S.F.     | \$3.00            | \$3,450.00          |                  | 0.00             | \$0.00    | 1,805.00                | \$5,415.00  | 1,805.00       | \$5,415.00  | 157.0%              |
| 20701   | TERRACE SEEDING   | 67.00                | S.Y.     | \$6.00            | \$402.00            |                  | 0.00             | \$0.00    | 45.00                   | \$270.00    | 45.00          | \$270.00    | 67.2%               |
| 21024   | SILT SOCK (12 INCH) - COMPLETE (UNDISTRIBTUTED)                     | 50.00                | L.F.     | \$5.00            | \$250.00            |                  | 0.00             | \$0.00    | 0.00                    | \$0.00      | 0.00           | \$0.00      | 0.0%                |
| 21055   | INLET PROTECTION TYPE D HYBRID -<br>COMPLETE (UNDISTRIBUTED)        | 8.00                 | EACH     | \$50.00           | \$400.00            |                  | 0.00             | \$0.00    | 2.00                    | \$100.00    | 2.00           | \$100.00    | 25.0%               |
| 21063   | EROSION MATTING, CLASS I, TYPE A - ORGANIC                          | 67.00                | S.Y.     | \$6.00            | \$402.00            |                  | 0.00             | \$0.00    | 45.00                   | \$270.00    | 45.00          | \$270.00    | 67.2%               |
| 30131   | COLD WEATHER PROTECTION OF CONCRETE SIDEWALK & DRIVE (POLYETHELENE) | 440.00               | S.F.     | \$1.00            | \$440.00            |                  | 0.00             | \$0.00    | 0.00                    | \$0.00      | 0.00           | \$0.00      | 0.0%                |
| 30201   | TYPE 'A' CONCRETE CURB & GUTTER                                     | 120.00               | L.F.     | \$40.00           | \$4,800.00          |                  | 0.00             | \$0.00    | 219.30                  | \$8,772.00  | 219.30         | \$8,772.00  | 182.8%              |
| 30205   | TYPE 'E' CONCRETE CURB & GUTTER                                     | 820.00               | L.F.     | \$20.00           | \$16,400.00         |                  | 0.00             | \$0.00    | 516.20                  | \$10,324.00 | 516.20         | \$10,324.00 | 63.0%               |
| 30301   | 5 INCH CONCRETE SIDEWALK & DRIVE                                    | 1,150.00             | S.F.     | \$11.00           | \$12,650.00         |                  | 0.00             | \$0.00    | 1,457.90                | \$16,036.90 | 1,457.90       | \$16,036.90 | 126.8%              |
| 30302   | 7 INCH CONCRETE SIDEWALK & DRIVE                                    | 400.00               | S.F.     | \$12.00           | \$4,800.00          |                  | 0.00             | \$0.00    | 617.10                  | \$7,405.20  | 617.10         | \$7,405.20  | 154.3%              |
| 30311   | CONCRETE MOUNTABLE MEDIAN ISLAND NOSE                               | 560.00               | S.F.     | \$10.00           | \$5,600.00          |                  | 0.00             | \$0.00    | 767.70                  | \$7,677.00  | 767.70         | \$7,677.00  | 137.1%              |
| 30340   | CURB RAMP DETECTABLE WARNING FIELDS                                 | 48.00                | S.F.     | \$30.00           | \$1,440.00          |                  | 0.00             | \$0.00    | 64.00                   | \$1,920.00  | 64.00          | \$1,920.00  | 133.3%              |
| 40102   | CRUSHED AGGREGATE BASE<br>COURSE GRADATION NO. 2                    | 60.00                | TON      | \$15.00           | \$900.00            |                  | 0.00             | \$0.00    | 41.50                   | \$622.50    | 41.50          | \$622.50    | 69.2%               |

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

 ${\bf RAYMOND\ P.\ CATTELL,\ INC.}$ 

LOCAL ROAD TRAFFIC CALMING & ARTERIAL PEDESTRIAN ENHANCEMENTS - 2017

**CONTRACT NO. 7849** 

| FINAL F | PAYMENT NO. 7                                    | 1                       | 2     | 3                 | 4                   | 5                | 6                   | 7         | 8                       | 9            | *******<br>#10 | 11           | 12                  |
|---------|--|-------------------------|-------|-------------------|---------------------|------------------|---------------------|-----------|-------------------------|--------------|----------------|--------------|---------------------|
| ITEM    | TYPE OF WORK                                     | ESTIMATED<br>QUANTITIES | UNITS | UNIT PRICE<br>BID | CONTRACT<br>DOLLARS | C. O.<br>DOLLARS | UNITS THIS<br>APPL. | EXTENSION | UNITS PREV.<br>APPL.(S) | EXTENSION    | TOTAL<br>UNITS | EXTENSION    | PERCENT<br>COMPLETE |
| 40251   | ASPHALT MATERIAL FOR CURB<br>FRONT FILL          | 30.00                   | L.F.  | \$10.00           | \$300.00            |                  | 0.00                | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 40410   | CONCRETE SPEED HUMP                              | 1,750.00                | S.Y.  | \$75.00           | \$131,250.00        |                  | 0.00                | \$0.00    | 1,691.60                | \$126,870.00 | 1,691.60       | \$126,870.00 | 96.7%               |
| 90001   | 7" STAMPED & COLORED CONCRETE                    | 1,300.00                | S.F.  | \$20.00           | \$26,000.00         |                  | 0.00                | \$0.00    | 1,183.90                | \$23,678.00  | 1,183.90       | \$23,678.00  | 91.1%               |
|         | SUB TOTALS                                       |                         |       | •                 | \$313,444.00        |                  |                     | \$0.00    | •                       | \$313,404.30 | •              | \$313,404.30 | 99.99%              |
| METRO   | ACCOUNT NO. 85131-54425-00000 (GOR               | HAM)                    |       |                   |                     |                  |                     |           |                         |              |                |              |                     |
| 20101   | EXCAVATION CUT                                   | 50.00                   | C.Y.  | \$45.00           | \$2,250.00          |                  | 0.00                | \$0.00    | 50.00                   | \$2,250.00   | 50.00          | \$2,250.00   | 100.0%              |
| 20221   | TOPSOIL  | 27.00                   | S.Y.  | \$15.00           | \$405.00            |                  | 0.00                | \$0.00    | 55.00                   | \$825.00     | 55.00          | \$825.00     | 203.7%              |
| 20303   | SAWCUT ASPHALT PAVEMENT                          | 130.00                  | L.F.  | \$3.00            | \$390.00            |                  | 0.00                | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 20322   | REMOVE CONCRETE CURB & GUTTER                    | 130.00                  | L.F.  | \$10.00           | \$1,300.00          |                  | 0.00                | \$0.00    | 130.00                  | \$1,300.00   | 130.00         | \$1,300.00   | 100.0%              |
| 20323   | REMOVE CONCRETE SIDEWALK & DRIVE                 | 450.00                  | S.F.  | \$3.00            | \$1,350.00          |                  | 0.00                | \$0.00    | 573.20                  | \$1,719.60   | 573.20         | \$1,719.60   | 127.4%              |
| 20401   | CLEARING   | 14.00                   | I.D.  | \$30.00           | \$420.00            |                  | 0.00                | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 20406   | GRUBBING   | 14.00                   | I.D.  | \$30.00           | \$420.00            |                  | 0.00                | \$0.00    | 15.00                   | \$450.00     | 15.00          | \$450.00     | 107.1%              |
| 20701   | TERRACE SEEDING                                  | 27.00                   | S.Y.  | \$6.00            | \$162.00            |                  | 0.00                | \$0.00    | 55.00                   | \$330.00     | 55.00          | \$330.00     | 203.7%              |
| 21063   | EROSION MATTING, CLASS I, TYPE A - ORGANIC       | 27.00                   | S.Y.  | \$6.00            | \$162.00            |                  | 0.00                | \$0.00    | 55.00                   | \$330.00     | 55.00          | \$330.00     | 203.7%              |
| 30301   | 5 INCH CONCRETE SIDEWALK & DRIVE                 | 100.00                  | S.F.  | \$11.00           | \$1,100.00          |                  | 0.00                | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 30302   | 7 INCH CONCRETE SIDEWALK & DRIVE                 | 350.00                  | S.F.  | \$12.00           | \$4,200.00          |                  | 0.00                | \$0.00    | 443.60                  | \$5,323.20   | 443.60         | \$5,323.20   | 126.7%              |
| 40102   | CRUSHED AGGREGATE BASE<br>COURSE GRADATION NO. 2 | 55.00                   | TON   | \$15.00           | \$825.00            |                  | 0.00                | \$0.00    | 37.20                   | \$558.00     | 37.20          | \$558.00     | 67.6%               |
| 40251   | ASPHALT MATERIAL FOR CURB FRONT FILL             | 130.00                  | L.F.  | \$10.00           | \$1,300.00          |                  | 0.00                | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 90002   | INTEGRAL CONCRETE PAVEMENT & CURB                | 72.00                   | S.Y.  | \$110.00          | \$7,920.00          |                  | 0.00                | \$0.00    | 72.70                   | \$7,997.00   | 72.70          | \$7,997.00   | 101.0%              |
|         | SUB TOTALS                                       |                         |       |                   | \$22,204.00         |                  |                     | \$0.00    |                         | \$21,082.80  |                | \$21,082.80  | 94.95%              |

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

RAYMOND P. CATTELL, INC.

LOCAL ROAD TRAFFIC CALMING & ARTERIAL PEDESTRIAN ENHANCEMENTS - 2017

**CONTRACT NO. 7849** 

| FINAL F   | PAYMENT NO. 7   | 1                    | 2        | 3                 | 4            | 5                | 6                | 7         | 8                       | 9            | *******<br>#10 | 11           | 12                  |
|---|---|----------------------|----------|-------------------|--------------|------------------|------------------|-----------|-------------------------|--------------|----------------|--------------|---------------------|
| ITEM  | TYPE OF WORK  | ESTIMATED QUANTITIES | UNITS    | UNIT PRICE<br>BID | CONTRACT     | C. O.<br>DOLLARS | UNITS THIS APPL. | EXTENSION | UNITS PREV.<br>APPL.(S) | EXTENSION    | TOTAL<br>UNITS | EXTENSION    | PERCENT<br>COMPLETE |
| METRO   | ACCOUNT NO. 85131-54250-00000 (WEST                         | TRANSFER PO          | OINT)    | _                 |              |                  |                  |           |                         |              |                |              |                     |
| 20322   | REMOVE CONCRETE CURB & GUTTER                               | 20.00                | L.F.     | \$10.00           | \$200.00     |                  | 0.00             | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 20323   | REMOVE CONCRETE SIDEWALK & DRIVE                            | 250.00               | S.F.     | \$3.00            | \$750.00     |                  | 0.00             | \$0.00    | 5.30                    | \$15.90      | 5.30           | \$15.90      | 2.1%                |
| 30301   | 5 INCH CONCRETE SIDEWALK & DRIVE                            | 250.00               | S.F.     | \$11.00           | \$2,750.00   |                  | 0.00             | \$0.00    | 110.30                  | \$1,213.30   | 110.30         | \$1,213.30   | 44.1%               |
| 30201   | TYPE 'A' CONCRETE CURB & GUTTER                             | 20.00                | L.F.     | \$40.00           | \$800.00     |                  | 0.00             | \$0.00    | 0.00                    | \$0.00       | 0.00           | \$0.00       | 0.0%                |
| 90003   | 9" CONCRETE PAVEMENT<br>TRANSVERSE REPAIR                   | 380.00               | S.Y.     | \$100.00          | \$38,000.00  |                  | 0.00             | \$0.00    | 427.90                  | \$42,790.00  | 427.90         | \$42,790.00  | 112.6%              |
| 90004   | 9" CONCRETE PAVEMENT<br>LONGITUDNAL JOINT REPAIR            | 125.00               | S.Y.     | \$115.00          | \$14,375.00  |                  | 0.00             | \$0.00    | 77.60                   | \$8,924.00   | 77.60          | \$8,924.00   | 62.1%               |
|   | SUB TOTALS  |                      |          |                   | \$56,875.00  |                  |                  | \$0.00    |                         | \$52,943.20  |                | \$52,943.20  | 93.09%              |
| CONTRACT TOTALS                                   |   |                      |          | \$392,523.00      |              |                  | \$0.00           | :         | \$387,430.30            | :            | \$387,430.30   | =<br>98.70%  |                     |
| CHANG   | E ORDER #1 (ACCOUNT ALLOCATION CH                           | IANGE ONLY)          |          |                   |              |                  |                  |           |                         |              |                |              |                     |
| CHANG   | E ORDER #2, ACC'T NO. 85131-54250-000                       | 00                   |          |                   |              |                  |                  |           |                         |              |                |              |                     |
|   | - REMOVE AND REPLACE CURB & GUTTER, SCUPPERS AT 3 LOCATIONS | 1.00                 | LUMP SUM | \$2,500.00        |              | \$2,500.00       | 0.00             | \$0.00    | 1.00                    | \$2,500.00   | 1.00           | \$2,500.00   | 100.0%              |
| GRAND TOTALS (CONTRACT TOTALS PLUS CHANGE ORDERS) |   |                      |          |                   | \$395,023.00 |                  |                  | \$0.00    | •                       | \$389,930.30 |                | \$389,930.30 | 98.71%              |