



## MAYOR & COUNCIL COMMUNICATION

DATE: July 19, 2016  
CONSENT  
ITEM # 12

**AGENDA ITEM:** Inwood Trunk Watermain Improvements – Pay Request No. 3

**SUBMITTED BY:** Chad Isakson, Project Engineer

**THROUGH:** Kristina Handt, City Administrator

**REVIEWED BY:** Jack Griffin, City Engineer  
Cathy Bendel, Finance Director

**SUGGESTED ORDER OF BUSINESS *if removed from the Consent Agenda*:**

- Questions from Council to Staff ..... Mayor Facilitates
- Public Input, if Appropriate.....Mayor Facilitates
- Call for Motion ..... Mayor & City Council
- Discussion ..... Mayor & City Council
- Action on Motion..... Mayor Facilitates

**POLICY RECOMMENDER:** Engineering.

**FISCAL IMPACT:** None. Partial payment is proposed in accordance with the Contract for the project. Payment remains within the authorized scope and budget.

**SUMMARY AND ACTION REQUESTED:**

The City Council is respectfully requested to consider approving Pay Request No. 3 for the Inwood Trunk Watermain Improvements project.

**LEGISLATIVE HISTORY/BACKGROUND INFORMATION:**

Northdale Construction Company, Inc., the Contractor for the project, has submitted Partial Pay Estimate No. 3 in the amount of \$362,750.77. The request has been reviewed and payment is recommended in the amount requested. In accordance with the contract documents, the City has retained 5% of the total work completed. The amount retained is \$56,408.18.

**RECOMMENDATION:**

Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Pay Request No. 3 for the Inwood Trunk Watermain Improvements project. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to approve Pay Request No. 3 to Northdale Construction Company, Inc. in the amount of \$362,750.77 for the Inwood Trunk Watermain Improvements”.***

**ATTACHMENT(S):**

1. Partial Pay Estimate No. 3

# PROJECT PAY FORM

|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            |                                                                                                                                                       |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| PARTIAL PAY ESTIMATE NO. <u>3</u>                                                                                                                                                                                                                                                                                                                                                                                                          |               |                          |            | <b>FOCUS</b> ENGINEERING, inc.                                                                                                                        |                     |
| INWOOD AVENUE TRUNK WATERMAIN IMPROVEMENTS<br>PROJECT NO. 2014.130                                                                                                                                                                                                                                                                                                                                                                         |               |                          |            | PERIOD OF ESTIMATE<br>FROM <u>6/1/2016</u> TO <u>6/30/2016</u>                                                                                        |                     |
| PROJECT OWNER:<br><b>CITY OF LAKE ELMO</b><br><b>3800 LAVERNE AVENUE NORTH</b><br><b>LAKE ELMO, MN 55042</b><br><b>ATTN: JACK GRIFFIN, CITY ENGINEER</b>                                                                                                                                                                                                                                                                                   |               |                          |            | CONTRACTOR:<br><b>NORTHDAL CONSTRUCTION COMPANY, INC.</b><br><b>9760 71ST STREET NE</b><br><b>ALBERTVILLE, MN 55301</b><br><b>ATTN: PHILIP LESNAR</b> |                     |
| CONTRACT CHANGE ORDER SUMMARY                                                                                                                                                                                                                                                                                                                                                                                                              |               |                          |            | PAY ESTIMATE SUMMARY                                                                                                                                  |                     |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                        | Approval Date | Amount                   |            |                                                                                                                                                       |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | Additions                | Deductions |                                                                                                                                                       |                     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7/5/2016      | \$2,200.00               |            | 1. Original Contract Amount                                                                                                                           | \$1,411,737.31      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 2. Net Change Order Sum                                                                                                                               | \$2,200.00          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 3. Revised Contract (1+2)                                                                                                                             | \$1,413,937.31      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 4. *Work Completed                                                                                                                                    | \$1,128,163.65      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 5. *Stored Materials                                                                                                                                  | \$0.00              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 6. Subtotal (4+5)                                                                                                                                     | \$1,128,163.65      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 7. Retainage* <span style="color: red;">5.0%</span>                                                                                                   | \$56,408.18         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                          |            | 8. Previous Payments                                                                                                                                  | \$709,004.70        |
| TOTALS                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | \$2,200.00               | \$0.00     | 9. Amount Due (6-7-8)                                                                                                                                 | <b>\$362,750.77</b> |
| NET CHANGE                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | \$2,200.00               |            | *Detailed Breakdown Attached                                                                                                                          |                     |
| CONTRACT TIME                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                          |            |                                                                                                                                                       |                     |
| START DATE: <u>3/23/2016</u>                                                                                                                                                                                                                                                                                                                                                                                                               |               | ORIGINAL DAYS <u>191</u> |            | ON SCHEDULE                                                                                                                                           |                     |
| SUBSTANTIAL COMPLETION: <u>8/26/2016</u>                                                                                                                                                                                                                                                                                                                                                                                                   |               | REVISED DAYS <u>0</u>    |            | YES <input checked="" type="checkbox"/>                                                                                                               |                     |
| FINAL COMPLETION: <u>9/30/2016</u>                                                                                                                                                                                                                                                                                                                                                                                                         |               | REMAINING <u>92</u>      |            | NO <input type="checkbox"/>                                                                                                                           |                     |
| ENGINEER'S CERTIFICATION:<br>The undersigned certifies that the work has been reviewed and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.                                                                                                                                                                         |               |                          |            | FOCUS Engineering, inc.<br><br>ENGINEER<br><u>7/8/2016</u><br>DATE                                                                                    |                     |
| CONTRACTOR'S CERTIFICATION:<br>The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due. |               |                          |            | CONTRACTOR<br><br>BY _____<br>DATE _____                                                                                                              |                     |
| APPROVED BY OWNER: <b>CITY OF LAKE ELMO, MINNESOTA</b>                                                                                                                                                                                                                                                                                                                                                                                     |               |                          |            |                                                                                                                                                       |                     |
| BY _____                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                          | BY _____   |                                                                                                                                                       |                     |
| DATE _____                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                          | DATE _____ |                                                                                                                                                       |                     |

PARTIAL PAY ESTIMATE NO. 3

INWOOD AVENUE TRUNK WATERMAIN IMPROVEMENTS  
CITY OF LAKE ELMO, MINNESOTA  
PROJECT NO. 2014.130

**FOCUS** ENGINEERING, inc.

| ITEM                             | DESCRIPTION OF PAY ITEM                         | UNIT | CONTRACT       |             |              | THIS PERIOD  |              | TOTAL TO DATE  |              |
|----------------------------------|-------------------------------------------------|------|----------------|-------------|--------------|--------------|--------------|----------------|--------------|
|                                  |                                                 |      | QUANTITY       | UNIT PRICE  | AMOUNT       | QUANTITY     | AMOUNT       | QUANTITY       | AMOUNT       |
| DIVISION 1 - GENERAL             |                                                 |      |                |             |              |              |              |                |              |
| 1                                | MOBILIZATION                                    | LS   | 1              | \$64,800.00 | \$64,800.00  | 0.00         | \$0.00       | 1.00           | \$64,800.00  |
| 2                                | TRAFFIC CONTROL                                 | LS   | 1              | \$22,945.00 | \$22,945.00  | 0.25         | \$5,736.25   | 0.75           | \$17,208.75  |
| 3                                | SILT FENCE, MACHINE SLICED                      | LF   | 600            | \$4.13      | \$2,478.00   | 0.00         | \$0.00       | 200            | \$826.00     |
| 4                                | CLEAR AND GRUB TREE                             | EA   | 6              | \$750.00    | \$4,500.00   | 0.00         | \$0.00       | 0              | \$0.00       |
| 5                                | DITCH CHECK                                     | EA   | 10             | \$104.50    | \$1,045.00   | 0.00         | \$0.00       | 0              | \$0.00       |
| SUBTOTAL - DIVISION 1            |                                                 |      | \$95,768.00    |             |              | \$5,736.25   |              | \$82,834.75    |              |
| DIVISION 2 - WATERMAIN           |                                                 |      |                |             |              |              |              |                |              |
| 1                                | CONNECT TO EXISTING 8" WATERMAIN                | EA   | 1              | \$7,483.75  | \$7,483.75   | 0            | \$0.00       | 0              | \$0.00       |
| 2                                | CONNECT TO EXISTING 16" WATERMAIN               | EA   | 2              | \$13,187.61 | \$26,375.22  | 0            | \$0.00       | 1              | \$13,187.61  |
| 3                                | HYDRANT                                         | EA   | 11             | \$4,431.40  | \$48,745.40  | 3            | \$13,294.20  | 9              | \$39,882.60  |
| 4                                | HYDRANT EXTENSION                               | LF   | 6              | \$1,628.80  | \$9,772.80   | 0            | \$0.00       | 3.5            | \$5,700.80   |
| 5                                | 6" GATE VALVE AND BOX                           | EA   | 10             | \$2,476.08  | \$24,760.80  | 3            | \$7,428.24   | 9              | \$22,284.72  |
| 6                                | 8" GATE VALVE AND BOX                           | EA   | 3              | \$2,920.05  | \$8,760.15   | 1            | \$2,920.05   | 2              | \$5,840.10   |
| 7                                | 12" GATE VALVE AND BOX                          | EA   | 2              | \$4,117.60  | \$8,235.20   | 0            | \$0.00       | 2              | \$8,235.20   |
| 8                                | 16" BUTTERFLY VALVE AND BOX                     | EA   | 19             | \$10,711.98 | \$203,527.62 | 5            | \$53,559.90  | 14             | \$149,967.72 |
| 9                                | 1" CORPORATION STOP WITH FUSIBLE SADDLE         | EA   | 3              | \$709.63    | \$2,128.89   | 0            | \$0.00       | 3              | \$2,128.89   |
| 10                               | 1" CURB STOP AND CURB BOX                       | EA   | 3              | \$775.20    | \$2,325.60   | 0            | \$0.00       | 3              | \$2,325.60   |
| 11                               | 1" COPPER WATER SERVICE PIPE                    | LF   | 100            | \$50.97     | \$5,097.00   | 0            | \$0.00       | 81             | \$4,128.57   |
| 12                               | 6" DUCTILE IRON WATERMAIN PIPE, CLASS 52        | LF   | 75             | \$63.87     | \$4,790.25   | 37           | \$2,363.19   | 122.5          | \$7,824.08   |
| 13                               | 8" DUCTILE IRON WATERMAIN PIPE, CLASS 52        | LF   | 96             | \$70.32     | \$6,750.72   | 20           | \$1,406.40   | 42             | \$2,953.44   |
| 14                               | 12" DUCTILE IRON WATERMAIN PIPE, CLASS 52       | LF   | 28             | \$108.70    | \$3,043.60   | 0            | \$0.00       | 25.75          | \$2,799.03   |
| 15                               | 16" DUCTILE IRON WATERMAIN PIPE, CLASS 52       | LF   | 25             | \$126.98    | \$3,174.50   | 5            | \$634.90     | 35             | \$4,444.30   |
| 16                               | 16" HDPE DIPS DR11 WATERMAIN, DIRECTIONAL DRILL | LF   | 11,015         | \$74.75     | \$823,371.25 | 3,413        | \$255,121.75 | 8,726          | \$652,268.50 |
| 17                               | DUCTILE IRON FITTINGS                           | LB   | 5,810          | \$10.74     | \$62,399.40  | 2,152        | \$23,112.48  | 7,003          | \$75,212.22  |
| 18                               | HORIZONTAL DIRECTIONAL DRILLING BORE PITS       | LS   | 1              | \$49,462.20 | \$49,462.20  | 0            | \$12,365.55  | 0.75           | \$37,096.65  |
| 19                               | WATER SERVICE CONNECTION PITS                   | LS   | 1              | \$7,000.00  | \$7,000.00   | 0            | \$1,260.00   | 0.85           | \$5,950.00   |
| 20                               | TRIVIEW TEST STATION MARKER                     | EA   | 18             | \$156.02    | \$2,808.36   | 0            | \$0.00       | 0              | \$0.00       |
| SUBTOTAL - DIVISION 2            |                                                 |      | \$1,310,012.71 |             |              | \$373,466.66 |              | \$1,042,230.02 |              |
| DIVISION 3 - STORM SEWER         |                                                 |      |                |             |              |              |              |                |              |
| 1                                | SALVAGE CONCRETE PIPE CULVERT                   | LF   | 60             | \$15.00     | \$900.00     | 0            | \$0.00       | 14             | \$210.00     |
| 2                                | INSTALL SALVAGED PIPE CULVERT                   | LF   | 60             | \$31.11     | \$1,866.60   | 0            | \$0.00       | 8              | \$248.88     |
| SUBTOTAL - DIVISION 3            |                                                 |      | \$2,766.60     |             |              | \$0.00       |              | \$458.88       |              |
| DIVISION 4 - STREET CONSTRUCTION |                                                 |      |                |             |              |              |              |                |              |
| 1                                | SALVAGE AND REINSTALL MAILBOX                   | EA   | 2              | \$165.00    | \$330.00     | 0            | \$0.00       | 0              | \$0.00       |
| 2                                | SALVAGE AND REINSTALL SIGN                      | EA   | 13             | \$220.00    | \$2,860.00   | 2            | \$440.00     | 2              | \$440.00     |
| SUBTOTAL - DIVISION 4            |                                                 |      | \$3,190.00     |             |              | \$440.00     |              | \$440.00       |              |

**TOTALS - BASE CONTRACT** **\$1,411,737.31** **\$379,642.91** **\$1,125,963.65**

**CHANGE ORDER NO. 1**

|                                    |                        |    |            |            |            |            |            |            |            |
|------------------------------------|------------------------|----|------------|------------|------------|------------|------------|------------|------------|
| CO1-1                              | HYDRANT OFFSET         | EA | 2          | \$500.00   | \$1,000.00 | 2          | \$1,000.00 | 2          | \$1,000.00 |
| CO1-2                              | 18" FLARED END SECTION | EA | 1          | \$1,200.00 | \$1,200.00 | 1          | \$1,200.00 | 1          | \$1,200.00 |
| <b>TOTALS - CHANGE ORDER NO. 1</b> |                        |    | \$2,200.00 |            |            | \$2,200.00 |            | \$2,200.00 |            |

**TOTALS - REVISED CONTRACT** **\$1,413,937.31** **\$381,842.91** **\$1,128,163.65**