

WACONIA CITY COUNCIL
MEETING AGENDA



TUESDAY, JANUARY 19, 2016
6:00 P.M.

VISION STATEMENT

Waconia is a free-standing growth center that is friendly, self-reliant and well managed.

MISSION STATEMENT

We are committed to providing an ideal mix of housing, commerce, health care, recreation, downtown vitality, natural resources, transportation planning, Inter-generational charm and life-long learning.

| | |
|-------------------------|------------------|
| MAYOR: | JIM SANBORN |
| COUNCILMEMBER, WARD I: | MARC CARRIER |
| COUNCILMEMBER, WARD I: | LYNN AYERS |
| COUNCILMEMBER, WARD II: | CHARLES ERICKSON |
| COUNCILMEMBER, WARD II: | KENT BLOUDEK |

NOTE: AGENDA TIMES ARE APPROXIMATE AND SUBJECT TO CHANGE ACCORDING TO LENGTH OF DISCUSSION. TO ENSURE THAT YOU ARE PRESENT FOR ITEMS OF INTEREST, PLEASE BE PRESENT AT 6:00 P.M.

| | <u>PAGE NO.</u> |
|---|-----------------|
| 6:00 P.M. 1. CALL MEETING TO ORDER AND ROLL CALL | |
| 2. PLEDGE OF ALLEGIANCE | |
| 3. ADOPT AGENDA | |
| 4. VISITOR'S PRESENTATIONS, PETITIONS, CORRESPONDENCE | |
| 5. ADOPT CONSENT AGENDA | |
| The items listed on the Consent Agenda are considered routine and non-controversial by the Council and will be approved by one motion. There will be no separate discussion of these items unless a Councilmember, City Staff, or Citizen so requests; in which case, the item will be removed from the Consent Agenda and considered at the end of the Regular Agenda. | |
| 1) Approve January 4, 2016 City Council Meeting Minutes..... | 1-2 |
| 2) Authorize Payment of January 19, 2016 Expenditures..... | 3-4 |
| 3) Adopt a Motion to approve Pay Estimate No. 8 to GMH Ashpalt | 5-14 |
| 4) Adopt a Motion to approve Pay Estimate No. 4 to Sunram Construction | 15-18 |
| 5) Adopt a Motion to approve Pay Estimate No. 7 to Park Construction | 19-24 |
| 6) Adopt Resolution No. 2016-29, Accepting Multiple Donations from Local Vendors/Merchants for the 2016 Employee Recognition Event | 25-26 |
| 7) Adopt a Motion Authorizing use of Streets/Trails/Parking Lot for Don't Worry Be Hoppy 5k and Kids Run | 27-29 |
| 8) Adopt Resolution No. 2016-26, Authorizing Purchase of Water Reuse Chlorination Equipment from Vessco, Inc. | 30-35 |

- 9) Adopt Resolution No. 2016-27, Authorizing Contract Award for Water Reuse Water Main Directional Drill Work to EBI Drilling, Inc 36-39
- 10) Adopt Resolution No. 2016-28, Authorizing Contract Award for TH5 Water Reuse Sprinkler System Installation to Kelly Green Irrigation 40-43
- 11) Adopt Resolution No. 2016-30, Authorizing Specification and Bids for Boat 11 Project 44-45
- 12) Adopt Resolution No. 2016-31, Authorizing Staff to Prepare and Submit Assistance to Firefighters Grant for Operations & Safety Equipment with HSEM 46-47
- 13) Adopt Resolution No. 2016-32, Authorizing Purchase and Award of Tandem Truck Chassis, Dump Body and Winter Maintenance Equipment 48-50

6. COUNCIL BUSINESS

- 1) Adopt Resolution No. 2016-33, Approving the Variance Request for Iron Tap 51-73

7. ITEMS REMOVED FROM CONSENT AGENDA

8. STAFF REPORTS

9. BOARD REPORTS

- 1) Councilmember Erickson
- 2) Councilmember Bloudek
- 3) Councilmember Carrier
- 4) Councilmember Ayers
- 5) Mayor Sanborn

10. ANNOUNCEMENTS

11. ADJOURN REGULAR MEETING

.....OFFICE OF THE CITY ADMINISTRATOR
Susan Arntz

WORK SESSION: Recap Patio and Parking Meetings
Discuss Commission on Aging
Discuss Council Time Reporting
Update on School Annexation
Update on Recreation Budgets

CALENDAR OF EVENTS/MEETINGS:

| | | | |
|--------------------|---------------|--|-------------------|
| January 19 | Tuesday | 6:00 p.m. | City Council |
| January 19 | Tuesday | After CC Mtg. | Work Session |
| February 1 | Monday | 6:00 p.m. | City Council |
| February 1 | Monday | After CC Mtg. | Work Session: TBD |
| February 15 | Monday | <i>President's Day Holiday Observed – City Offices Closed</i> | |
| February 16 | Tuesday | 6:00 p.m. | City Council |
| February 16 | Tuesday | After CC Mtg. | Work Session: TBD |

CITY OF WACONIA
January 4, 2016

Pursuant to due call and notice thereof, the regular meeting of the City Council of the City of Waconia was called to order by Mayor Jim Sanborn at 6:00 p.m. The following members were present: Jim Sanborn, Kent Bloudek, Charles Erickson, and Lynn Ayers, Marc Carrier

Staff Present: Susan Arntz, Lane Braaten, Craig Eldred, Mike Melchert, Ann Meyerhoff, Craig Sinclair, Nicole Lueck
Visitors: Jason Schumcker, Derek Ketch, David Nelson, Rodney Peters, Janell Colson

Pledge of Allegiance was led by Mayor Sanborn.

ADOPT AGENDA: Motion by Erickson, seconded by Carrier to adopt the agenda as presented. All present voted aye.
MOTION CARRIED.

VISTOR'S PRESENTATION: Kellie Sites from the Chamber of Commerce gave a presentation on 2015 Year in Review, Waconia Visitor's Bureau.

ADOPT CONSENT AGENDA

- 1) Approve December 14, 2015 City Council Meeting Minutes.
- 2) Authorize Payment of January 4, 2016 Expenditures.
- 3) Adopt a Motion Approving 2016 Proposed City Council Meeting Schedule.
- 4) Adopt Resolution No. 2016-01, Appointing Acting Mayor.
- 5) Adopt Resolution No. 2016-02, Designating Official Newspaper.
- 6) Adopt Resolution No. 2016-03, Designating Depositories.
- 7) Adopt Resolution No. 2016-04, Appointing City Attorney.
- 8) Adopt Resolution No. 2016-05, Appointing Consulting Engineer.
- 9) Adopt Resolution No. 2016-06, Appointing Bond Counsel.
- 10) Adopt Resolution No. 2016-07, Appointing Fiscal Advisor.
- 11) Adopt Resolution No. 2016-08, Appointing a City Insurance Agent.
- 12) Adopt Resolution No. 2016-09, Regarding the Administration of the Wetland Conservation Act.
- 13) Adopt Resolution No. 2016-10, Appointing Council Representative to Advisory Boards.
- 14) Adopt Resolution No. 2016-11, Appointing Council Committee Appointments.
- 15) Adopt Resolution No. 2016-12, Appointing Council Liaison Appointments.
- 16) Adopt Resolution No. 2016-13, Approving Liquor License Applications.
- 17) Adopt Resolution No. 2016-14, Approving License/Permit Applications
- 18) Adopt Resolution No. 2016-15, Authorizing Staff to Sign Supervisory Control and Data Acquisition Systems Upgrade Quote.
- 19) Adopt Resolution No. 2016-16, Authorizing City Staff to obtain Mobil and Fixed Equipment Pricing for 2016.
- 20) Adopt Resolution No. 2016-17, Approving Commercial Kennel License.
- 21) Adopt Resolution No. 2016-18, Authorizing Mayor and City Administrator to sign Met Council Storm Water Grant Agreement.
- 22) Adopt Resolution No. 2016-19, Approving Postage Machine Lease Agreement with American Mailing Machines, Inc.
- 23) Adopt Resolution No. 2016-20, Approving 12 Month Equipment Maintenance Agreement for Folder/Inserter with American Mailing Machines, Inc.
- 24) Adopt Resolution No. 2016-21, Accepting Amendment to Joint Powers Agreement for Transportation Planning related to Waconia School District Projects.
- 25) Adopt Resolution No. 2016-23, Acceptance of Historical development Roadways & Utility Improvement as Specified.
- 26) Adopt Resolution No. 2016-24, Authorize Purchase of One Toro Zero-Turn 7210 Mower with Attachments and Appurtenant Safety Equipment.
- 27) Adopt Resolution No. 2016-25, Authorizing Approval of Quick Claim Deed with Carver County for CSAH 21/10 Road Right of Way.

CITY OF WACONIA

January 4, 2016

- 28) Adopt a Motion to Approve Request for Lodging Tax Reimbursement from Waconia CVB for Expenditures Incurred in December of 2015.
- 29) Adopt a Motion to Approve Pay Estimate No. 3 to Sunram Construction for the Clearwater Shores Project.

Motion by Carrier, seconded by Ayers to Adopt the Consent Agenda as presented. All present voted aye. **MOTION CARRIED.**

COUNCIL BUSINESS: AUTHORIZE CONTRACT AWARD TO ODLAND PROTECTIVE COATINGS, INC. FOR WATER TOWER #2 INTERIOR DRY AND EXTERIOR RECONDITIONING PROJECT. Craig Eldred stated that the City received three bids for the Water Tower #2 Reconditioning Project. KLM Engineering recommends the award to Odland Protective Coatings, Inc., who provided the lowest overall project bid.

Eldred explained that the project is expected to exceed the Capital Improvement Budget of \$350,000 by \$26,920, with an estimated total final project amount of \$376,920. This amount covers project costs and engineering design, inspection, and construction management. Outside costs of engineering related to removal, replacement, and inspection of the cellular structures will be passed-through to the cellular carriers. Quotes for said services have been prepared for this approval process. Cellular carriers have been notified of the impending project and are expected to meet our schedule set for late May to early July.

As part of the project several evergreen trees will be removed to allow the containment system installation for the exterior reconditioning work. Staff will provide replacement landscaping. New plantings will be placed to prevent future concerns.

Motion by Erickson, seconded by Bloudek to Adopt Resolution 2016-22, Authorizing Contract Award to Odland Protective Coatings, Inc. for Water Tower #2 Interior Dry and Exterior Reconditioning Project. All present voted aye. **MOTION CARRIED.**

ITEMS REMOVED FROM CONSENT AGENDA: None

STAFF REPORTS: Susan Arntz stated that meetings for Downtown Parking and Patios will be held at City Hall on January 5th, 8th and 14th.

BOARD REPORTS:

- Councilmember Erickson – No Report
- Councilmember Bloudek – No Report
- Councilmember Carrier – Absent
- Councilmember Ayers – No Report
- Mayor Sanborn – No Report

ANNOUNCEMENTS:

ADJOURN:

Motion by Carrier, seconded by Erickson to adjourn the meeting at 6:23p.m. All present voted aye. MOTION CARRIED

James P Sanborn, Mayor

ATTEST: _____
Ann Meyerhoff, Office Assistant

I have reviewed the list of claims for council approval and recommend payment.

Nicole Lueck
 Nicole Lueck, Finance Director

1/13/2015
 Date

**CITY OF WACONIA
 Council List-Expenditures
 Meeting: January 19, 2016**

| Vendor Name | Description | Amount | Fund/Department |
|--------------------------------------|---|--------------|---|
| ALADTEC, INC. | Fire Scheduling Software | \$1,995.00 | Fire |
| ALLSTATE | Premiums 12/22/15 | \$261.60 | Personnel Liabilities |
| ALLSTATE | Premiums 11/24/15 | \$261.60 | Personnel Liabilities |
| AUMOCK, ERIC | Refund Utility Overpayment | \$32.94 | Water |
| AUTOMATIC SYSTEMS CO | Water Plant Valve Components | \$2,175.94 | Water |
| BECK, ALEC | Refund Utility Overpayment | \$44.55 | Water |
| BORDER STATES ELECTRIC SUPPLY | Interlaken Trail Improvements | \$2,645.42 | PIR |
| BRADLEY SECURITY | CH Door Repairs | \$534.00 | Central Facilities |
| CARVER COUNTY TREASURER | 2016 Truth in Taxation | \$3,003.08 | Finance |
| CCFDMAA | 2016 Membership Dues | \$250.00 | Fire |
| CENTERPOINT MINNEGASCO | Natural Gas Service 10/2015 | \$2,365.78 | Split: Central Facilities, Water, Sewer, Storm Water, Street Light, Ice Arena |
| CENTRAL FIRE PROTECTION INC | Fire Extinguisher Service | \$24.00 | Fire |
| CENTRAL FIRE PROTECTION INC | Fire Extinguisher Service | \$36.00 | Fire |
| CHOICE ELECTRIC | Lot #4 Panel Upgrade | \$1,419.34 | PIR |
| COLORADO CHILD SUPPORT SERVICES | EE Deduction - Pay 25-2015 | \$279.10 | Personnel Liabilities |
| COLORADO CHILD SUPPORT SERVICES | EE Deduction - Pay 26-2015 | \$279.10 | Personnel Liabilities |
| COLORADO CHILD SUPPORT SERVICES | EE Deduction - Pay 27-2015 | \$226.39 | Personnel Liabilities |
| COVERALL OF THE TWIN CITIES | CH Cleaning 01/2016 | \$882.00 | Central Facilities |
| COVERALL OF THE TWIN CITIES | FS Cleaning 01/2016 | \$165.00 | Central Facilities |
| COVERALL OF THE TWIN CITIES | Library Cleaning 01/2016 | \$454.00 | Central Facilities |
| COVERALL OF THE TWIN CITIES | PW Cleaning 01/2016 | \$621.00 | Central Facilities |
| COVERALL OF THE TWIN CITIES | PW Floor Restripping/Finish | \$986.00 | Central Facilities |
| DE LAGE LANDEN PUBLIC FINANCE LLC | Cisco Firewall/Wi-Fi Equipment | \$11,858.33 | Technology |
| DON'S SOD SERVICE, LLC | Sod Repair/Top Soil | \$2,220.00 | Split: Streets, Parks, Storm Water |
| EFTPS | Federal Taxes - CC Qtr 4/2015 | \$1,277.37 | Personnel Liabilities |
| EFTPS | Federal Taxes - Fire Pay 11/15 | \$2,497.05 | Personnel Liabilities |
| EFTPS | Federal Taxes - Pay 25-2015 | \$25,772.38 | Personnel Liabilities |
| EFTPS | Federal Taxes - Pay 26-2015 | \$24,394.64 | Personnel Liabilities |
| EFTPS | Federal Taxes - Pay 27-2015 | \$26,371.83 | Personnel Liabilities |
| EHLERS & ASSOCIATES, INC. | Conference Registration - Lueck/Orloff | \$560.00 | Finance |
| EHLERS & ASSOCIATES, INC. | 2006C Arbitrage Report | \$4,072.50 | Sewer |
| ELECTRIC PUMP, INC. | 284 Lift Station Pump Repair | \$13,139.36 | Sewer |
| FERGUSON WATERWORKS #2516 | Equipment/Parts - Meter Project | \$223,658.26 | Water |
| FERGUSON WATERWORKS #2516 | Irrigation Meter Parts - Meter Project | \$8,225.70 | Water |
| FERGUSON WATERWORKS #2516 | Meter Transceiver - Meter Project | \$2,516.46 | Water |
| FERGUSON WATERWORKS #2516 | MIU's - Meter Project | \$155,353.00 | Water |
| FERGUSON WATERWORKS #2516 | Resale Meter Parts | \$3,684.63 | Water |
| FERGUSON WATERWORKS #2516 | Resale Meter Parts | \$5,828.64 | Water |
| HAUGO GEOTECHNICAL SERVICES, LLC | Top Soil Testinq | \$892.00 | Storm Water |
| HAWKINS INC | WTP Chemicals | \$1,855.70 | Water |
| HEALTH PARTNERS | EAP Fees 12/2015 | \$102.00 | Administration |
| HEALTH PARTNERS | Premiums 01/2016 | \$38,245.20 | Personnel Liabilities |
| HOFF, BARRY & KOZAR, PA | SAC/Trunk Review - Legal Fees | \$656.00 | Administration |
| KANSAS STATE BANK OF MANHATTAN | SI Exercise Equip Rent 12/2015 | \$1,579.61 | Safari Island |
| KLEIN BANK | EE HSA Contributions - Pay 25-2015 | \$1,978.50 | Personnel Liabilities |
| KLEIN BANK | EE HSA Contributions - Pay 26-2015 | \$1,978.50 | Personnel Liabilities |
| KLEIN BANK | ER HSA Contributions - Pay 25-2015 | \$2,081.49 | Personnel Liabilities |
| KLEIN BANK | ER HSA Contributions - Pay 26-2015 | \$2,081.47 | Personnel Liabilities |
| LEAGUE OF MN CITIES | 2015 Monthly EE Safety Training | \$808.33 | Central Facilities |
| LI, SIQUAN | Refund Utility Overpayment | \$72.68 | Water |
| LINCOLN NATIONAL LIFE INS CO | Premiums 12/2015 | \$880.04 | Personnel Liabilities |
| LOFFLER COMPANIES INC | IA Printer Fees 12/1 - 2/28 | \$149.46 | Ice Arena |
| MARCO INC | Replace Firewall Certificate | \$370.00 | Technology |
| MARCO INC | CH Printer Lease 11/2015 | \$771.73 | Central Facilities |
| MET COUNCIL ENVIRON SRV | Sewer Flow Charge 02/2016 | \$66,827.33 | Sewer |
| MET COUNCIL ENVIRON. - SAC | SAC Report 12/2015 | \$17,221.05 | Sewer |
| METRO WEST INSPECTION SERVICES, INC. | Building Inspections 11/2015 | \$23,623.76 | Building Inspections |
| MN DEPT OF REVENUE | Sales Tax Liability 11/2015 | \$5,495.00 | Sales Tax Liability |
| MN DEPT OF REVENUE | State Taxes - CC Qtr 4/2015 | \$441.71 | Personnel Liabilities |
| MN DEPT OF REVENUE | State Taxes - Fire Pay 11/2015 | \$129.56 | Personnel Liabilities |
| MN DEPT OF REVENUE | State Taxes - Pay 25-2015 | \$4,046.74 | Personnel Liabilities |
| MN DEPT OF REVENUE | State Taxes - Pay 26-2015 | \$3,828.83 | Personnel Liabilities |
| MN DEPT OF REVENUE | State Taxes - Pay 27-2015 | \$4,378.07 | Personnel Liabilities |
| MN ICE ARENA MANAGERS ASSOC | 2016 Membership Dues | \$150.00 | Ice Arena |
| MN STATE FIRE DEPARTMENT ASSOC | 2016 Membership Dues | \$315.00 | Fire |
| MOLNAU TRUCKING LLC | Snow Hauling 12/2015 | \$3,600.00 | Streets |
| MUELLER & SONS, INC. | Asphalt - Walking Paths | \$216.01 | Parks |
| NATIONWIDE RETIREMENT SOLUTION | EE Retirement Contributions - Pay 25-2015 | \$20.00 | Personnel Liabilities |
| NATIONWIDE RETIREMENT SOLUTION | EE Retirement Contributions - Pay 25-2015 | \$2,267.00 | Personnel Liabilities |
| NATIONWIDE RETIREMENT SOLUTION | EE Retirement Contributions - Pay 26-2015 | \$2,267.00 | Personnel Liabilities |

**Council List-Expenditures
Meeting: January 19, 2016**

| Vendor Name | Description | Amount | Fund/Department |
|---|--|---------------------|---|
| NATIONWIDE RETIREMENT SOLUTION | ER Retirement Contributions - Pay 26-2015 | \$20.00 | <i>Personnel Liabilities</i> |
| NCPCRS GROUP LIFE INSURANCE | Premiums 01/2016 | \$112.00 | <i>Personnel Liabilities</i> |
| PALMER, NILCE | Refund Utility Overpayment | \$134.92 | <i>Water</i> |
| PERA | 2015 Fire Department Pension Contribution | \$10,000.00 | <i>Fire</i> |
| PERA | EE/ER Retirement Contributions - CC Qtr 4/2015 | \$122.50 | <i>Personnel Liabilities</i> |
| PERA | EE/ER Retirement Contributions - Pay 25-2015 | \$13,435.80 | <i>Personnel Liabilities</i> |
| PERA | EE/ER Retirement Contributions - Pay 26-2015 | \$13,386.53 | <i>Personnel Liabilities</i> |
| PERA | EE/ER Retirement Contributions - Pay 27-2015 | \$13,601.29 | <i>Personnel Liabilities</i> |
| RAPP, CRAIG RAY | Leadership Training - Arntz | \$650.00 | <i>Administration</i> |
| ROSSELL, DUAINÉ | Refund Utility Overpayment | \$28.98 | <i>Water</i> |
| ROYAL TIRE INC | Truck #18 Tires | \$2,825.84 | <i>Fire</i> |
| RUMPCA CO INC | Brush Disposal | \$345.00 | <i>Streets</i> |
| SIMPLEX GRINNELL | WTP Fire Alarm Monitoring | \$375.00 | <i>Water</i> |
| SIR LINES-A-LOT | JPA Fog Line Striping | \$300.00 | <i>Streets</i> |
| STATE OF MN - MUNICIPAL BOUNDARY ADJUSTMENT UNIT | ISD #110 Annexation Legal Fees | \$26.44 | <i>Administration</i> |
| UNITED FIRE FIGHTERS ASSOC. | 2016 Membership Dues | \$30.00 | <i>Fire</i> |
| US BANK | Senior Subsidy Payment | \$17,500.00 | <i>Central Facilities</i> |
| USPS | Utility Bill Mailing 12/2015 | \$1,110.24 | <i>Split: Water, Sewer</i> |
| VANCO SERVICES | SI Insurance Reimbursement Fees 11/15 | \$74.25 | <i>Safari Island</i> |
| VOLUNTEER FIREFIGHTER'S BENEFIT ASSOCIATION OF MN | 2016 Membership Dues | \$203.00 | <i>Fire</i> |
| WELLS FARGO | CH/SI/PW Printer Lease 11/2015 | \$447.66 | <i>Split: Central Facilities, Safari Island</i> |
| XCEL ENERGY | Electric Service 10/2015 | \$30,169.56 | <i>Split: Public Safety, Central Facilities, Water, Sewer, Storm Water, Street Light, Ice Arena</i> |
| | | <u>\$824,600.77</u> | |

The above bills have been approved for payment at the regular City Council Meeting on January 19, 2016.
Authorized and ordered for payment:

Mayor

City Administrator



REQUEST FOR CITY COUNCIL ACTION

| | | | | | | | |
|--|---|-----------------|---|--------------------|--|--------------------|--|
| Meeting Date: | January 19, 2016 | | | | | | |
| Item Name: | Contractor Pay Request #8 - 2015 Infrastructure Improvement Project | | | | | | |
| Originating Department: | Finance | | | | | | |
| Presented by: | Nicole Lueck, Finance Director | | | | | | |
| Previous Council Action (if any): | | | | | | | |
| Item Type (X only one): | <table border="1"> <tr> <td>Consent</td> <td>X</td> <td>Regular Session</td> <td></td> <td>Discussion Session</td> <td></td> </tr> </table> | Consent | X | Regular Session | | Discussion Session | |
| Consent | X | Regular Session | | Discussion Session | | | |

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Motion to approve Pay Estimate No. 8 to GMH Asphalt for the 2015 Infrastructure Improvement Project

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

Staff has reviewed the contractor pay request for the 2015 Infrastructure Improvement Project and recommends payment of \$147,779.48 based on the engineering request for payment. This payment represents approximately 96.6% of the total approved contract for the project.

FINANCIAL IMPLICATIONS:

Funding Sources & Uses: PIR Capital, Park Dedication, Water, Sewer, and Storm Water Fund

Budget Information:

X Budgeted

Non Budgeted

Amendment Required

ADVISORY BOARD RECOMMENDATIONS:

Planning Commission
 Parks and Recreation Board
 Safari Island Advisory Board
 Other



BOLTON & MENK, INC.®

Consulting Engineers & Surveyors

2638 Shadow Lane, Suite 200 • Chaska, MN 55318-1172

Phone (952) 448-8838 • Fax (952) 448-8805

www.bolton-menk.com

January 13, 2016

City of Waconia
Attn: Nicole Lueck
201 South Vine St.
Waconia, MN 55387

**Re: 2015 Infrastructure Improvement Project
Pay Request No. 8**

Dear Ms. Lueck:

Enclosed please find Pay Request No. 8 for work completed from 11/28/2015 to 12/31/2015 on the above referenced project. The work completed includes payment for mobilization, traffic control, erosion control, and the release of 2% retainage withheld.

We have reviewed the estimate, verified the quantities, and recommend the City make payment in the amount of **\$147,779.48** to GMH Asphalt. This project is broken into nine separate project components. Below is a total for each of these components as well as the estimated percent of work completed for each fund type.

| PAY APPLICATION NO. 8 | | | | | | |
|-----------------------|---------------------|--------|----------|-----------|-------|------|
| PROJECT TYPE | TOTAL | STREET | SANITARY | WATERMAIN | STORM | PARK |
| STREET RECONSTRUCTION | \$84,366.53 | 51% | 39% | 5% | 5% | 0% |
| PARKING LOT ONE | \$9,945.14 | 90% | 0% | 0% | 10% | 0% |
| FOUNTAIN PARK | \$22,474.61 | 0% | 0% | 0% | 100% | 0% |
| STORMWATER REUSE | \$2,093.32 | 0% | 0% | 0% | 100% | 0% |
| FIFTH STREET RAVINE | \$1,091.66 | 0% | 0% | 0% | 100% | 0% |
| COUNTRY PONDS OUTLET | \$841.20 | 0% | 0% | 0% | 100% | 0% |
| OLD BEACH LANE | \$2,723.69 | 0% | 0% | 0% | 0% | 100% |
| BENT CREEK PARK | \$20,929.04 | 0% | 0% | 0% | 0% | 100% |
| REITZ LAKE PARK | \$3,314.29 | 0% | 0% | 0% | 0% | 100% |
| TOTAL: | \$147,779.48 | | | | | |

Please contact me if you have any questions regarding this pay request.

Respectfully Submitted,
Bolton & Menk, Inc.

Jake Saulsbury, P.E.

cc: Craig Eldred, Public Services Director

Enclosure

Application Number: 8

Application Date: 1/13/2016

Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|---|---|------------------------|-----------------|--------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| SECTION 1: PRORATA | | | | | | | | | |
| 1 | VIBRATION MONITORING | 1 | LUMP SUM | \$47,700.00 | \$47,700.00 | 0 | \$0.00 | 1.0 | \$47,700.00 |
| 2 | MOBILIZATION | 1 | LUMP SUM | \$138,760.00 | \$138,760.00 | 0.1 | \$13,876.00 | 1.0 | \$138,760.00 |
| 3 | TRAFFIC CONTROL | 1 | LUMP SUM | \$10,000.00 | \$10,000.00 | 0.1 | \$1,000.00 | 1.0 | \$10,000.00 |
| 4 | EROSION AND SEDIMENT CONTROL | 1 | LUMP SUM | \$5,000.00 | \$5,000.00 | 0.1 | \$500.00 | 1.0 | \$5,000.00 |
| SECTION 2: STREET RECONSTRUCTION | | | | | | | | | |
| REMOVALS: | | | | | | | | | |
| 5 | CLEAR AND GRUB TREE ≤12" | 11 | TREE | \$211.00 | \$2,321.00 | 4 | \$844.00 | 15 | \$3,165.00 |
| 6 | CLEAR AND GRUB TREE >12" | 3 | TREE | \$1,060.00 | \$3,180.00 | 0 | \$0.00 | 4 | \$4,240.00 |
| 7 | REMOVE WATERMAIN OR FORCEMAIN | 1,010 | LIN FT | \$5.30 | \$5,353.00 | 0 | \$0.00 | 760 | \$4,028.00 |
| 8 | REMOVE WATERMAIN SERVICE PIPE | 352 | LIN FT | \$0.01 | \$3.52 | 0 | \$0.00 | 256 | \$2.56 |
| 9 | REMOVE PIPE SEWER (STORM) | 797 | LIN FT | \$5.30 | \$4,224.10 | 0 | \$0.00 | 1,013 | \$5,368.90 |
| 10 | REMOVE PIPE SEWER (SANITARY) | 510 | LIN FT | \$5.30 | \$2,703.00 | 0 | \$0.00 | 507 | \$2,687.10 |
| 11 | REMOVE PIPE SEWER (SANITARY SERVICE) | 288 | LIN FT | \$5.30 | \$1,526.40 | 0 | \$0.00 | 344 | \$1,823.20 |
| 12 | REMOVE DRAINAGE STRUCTURE | 11 | EACH | \$370.00 | \$4,070.00 | 0 | \$0.00 | 11 | \$4,070.00 |
| 13 | REMOVE CASTING (STORM) | 15 | EACH | \$200.00 | \$3,000.00 | 0 | \$0.00 | 14 | \$2,800.00 |
| 14 | REMOVE CASTING (SANITARY) | 2 | EACH | \$200.00 | \$400.00 | 0 | \$0.00 | 2 | \$400.00 |
| 15 | REMOVE SANITARY MANHOLE | 1 | EACH | \$370.00 | \$370.00 | 0 | \$0.00 | 1 | \$370.00 |
| 16 | REMOVE MISCELLANEOUS STRUCTURE | 3 | EACH | \$530.00 | \$1,590.00 | 0 | \$0.00 | 0 | \$0.00 |
| 17 | REMOVE HYDRANT | 2 | EACH | \$530.00 | \$1,060.00 | 0 | \$0.00 | 3 | \$1,590.00 |
| 18 | REMOVE CONCRETE CURB & GUTTER | 5,375 | LIN FT | \$5.10 | \$27,412.50 | 0 | \$0.00 | 4,743 | \$24,189.30 |
| 19 | REMOVE RETAINING WALL | 100 | SQ FT | \$14.00 | \$1,400.00 | 80 | \$1,120.00 | 180 | \$2,520.00 |
| 20 | REMOVE CONCRETE DRIVEWAY/WALK | 6,110 | SQ FT | \$1.50 | \$9,165.00 | 0 | \$0.00 | 6,228 | \$9,342.00 |
| 21 | REMOVE BITUMINOUS DRIVEWAY PAVEMENT | 5,031 | SQ FT | \$0.60 | \$3,018.60 | 0 | \$0.00 | 1,314 | \$788.40 |
| 22 | REMOVE BITUMINOUS PAVEMENT | 14,531 | SQ YD | \$2.50 | \$36,327.50 | 0 | \$0.00 | 14,248 | \$35,620.00 |
| 23 | SAWING CONCRETE PAVEMENT (FULL DEPTH) | 636 | LIN FT | \$3.50 | \$2,226.00 | 0 | \$0.00 | 225 | \$787.50 |
| 24 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) | 1,541 | LIN FT | \$2.50 | \$3,852.50 | 0 | \$0.00 | 905 | \$2,262.50 |
| 25 | SALVAGE CASTING | 3 | EACH | \$200.00 | \$600.00 | 0 | \$0.00 | 3 | \$600.00 |
| 26 | ABANDON LIFT STATION | 1 | EACH | \$2,640.00 | \$2,640.00 | 0 | \$0.00 | 2 | \$5,280.00 |
| 27 | ABANDON WM AND FM PIPE | 725 | LIN FT | \$5.30 | \$3,842.50 | 0 | \$0.00 | 690 | \$3,657.00 |
| 28 | ABANDON STORM SEWER (ANY SIZE) | 158 | LIN FT | \$10.60 | \$1,674.80 | 0 | \$0.00 | 70 | \$742.00 |
| 29 | ABANDON SANITARY SEWER PIPE | 559 | LIN FT | \$5.30 | \$2,962.70 | 0 | \$0.00 | 393 | \$2,082.90 |
| ROADWAY CONSTRUCTION: | | | | | | | | | |
| 30 | COMMON EXCAVATION (EV) | 6,431 | CU YD | \$19.60 | \$126,047.60 | 0 | \$0.00 | 6,431 | \$126,047.60 |
| 31 | SUBGRADE EXCAVATION (EV) | 1,725 | CU YD | \$19.60 | \$33,810.00 | 0 | \$0.00 | 943 | \$18,482.80 |
| 32 | TOPSOIL BORROW (LV) | 900 | CU YD | \$19.35 | \$17,415.00 | 0 | \$0.00 | 442 | \$8,552.70 |
| 33 | STABILIZING AGGREGATE - SELECT GRANULAR BORROW (LV) | 935 | CU YD | \$19.20 | \$17,952.00 | 0 | \$0.00 | 672 | \$12,902.40 |
| 34 | STABILIZING AGGREGATE 3" MINUS CRUSHED | 1,350 | TON | \$23.00 | \$31,050.00 | 0 | \$0.00 | 17 | \$391.00 |
| 35 | GEOTEXTILE FABRIC TYPE V | 13,355 | SQ YD | \$1.50 | \$20,032.50 | 0 | \$0.00 | 13,355 | \$20,032.50 |
| 36 | AGGREGATE SURFACING CLASS 5 (DRIVEWAY) | 145 | TON | \$21.50 | \$3,117.50 | 0 | \$0.00 | 100 | \$2,150.00 |
| 37 | AGGREGATE BASE CLASS 5 (CV) | 4,165 | CU YD | \$38.70 | \$161,185.50 | 0 | \$0.00 | 4,411 | \$170,705.70 |
| 38 | 1.5" TYPE SP 9.5 WEARING COURE MIX (2,B) | 10,335 | SQ YD | \$5.85 | \$60,459.75 | 0 | \$0.00 | 3,596 | \$21,036.60 |
| 39 | 2.0" TYPE SP 9.5 WEARING COURE MIX (2,B) | 1,548 | SQ YD | \$7.75 | \$11,997.00 | 0 | \$0.00 | 1,548 | \$11,997.00 |
| 40 | DELETED | | | | | | \$0.00 | 0 | \$0.00 |
| 41 | TYPE SP 12.5 NON WEAR COURSE MIXTURE (2,B) | 2,305 | TON | \$57.65 | \$132,883.25 | 0.00 | \$0.00 | 2,305 | \$132,867.68 |
| 42 | DELETED | 0 | 0 | \$0.00 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| 43 | MODULAR BLOCK RETAINING WALL | 520 | SQ FT | \$16.00 | \$8,320.00 | 360 | \$5,760.00 | 410 | \$6,560.00 |
| 44 | CONCRETE BLOCK RETAINING WALL | 1,680 | SQ FT | \$38.50 | \$64,680.00 | 0 | \$0.00 | 1,330 | \$51,205.00 |
| UTILITIES: | | | | | | | | | |
| 45 | 4" PERF PE EDGE DRAIN | 3,967 | LIN FT | \$8.50 | \$33,719.50 | 0 | \$0.00 | 3,677 | \$31,254.50 |
| 46 | 4" PIPE DRAIN CLEANOUT | 22 | EACH | \$300.00 | \$6,600.00 | 0 | \$0.00 | 21 | \$6,300.00 |
| 47 | 12" RC PIPE SEWER DESIGN 3006 CLASS V | 381 | LIN FT | \$27.50 | \$10,477.50 | 0 | \$0.00 | 397 | \$10,917.50 |
| 48 | 15" RC PIPE SEWER DESIGN 3006 CLASS V | 274 | LIN FT | \$29.50 | \$8,083.00 | 0 | \$0.00 | 245 | \$7,227.50 |
| 49 | 18" RC PIPE SEWER DESIGN 3006 CLASS V | 272 | LIN FT | \$37.00 | \$10,064.00 | 0 | \$0.00 | 146 | \$5,402.00 |
| 50 | 24" RC PIPE SEWER DESIGN 3006 CLASS III | 137 | LIN FT | \$42.20 | \$5,781.40 | 0 | \$0.00 | 137 | \$5,781.40 |
| 51 | 12" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 53 | LIN FT | \$38.00 | \$2,014.00 | 0 | \$0.00 | 54 | \$2,052.00 |
| 52 | CONSTRUCT DRAINAGE STRUCTURE DESIGN R-1 | 18 | LIN FT | \$283.00 | \$5,218.52 | 0.00 | \$0.00 | 18.5 | \$5,229.84 |
| 53 | CONSTRUCT DRAINAGE STRUCTURE DESIGN G | 10 | LIN FT | \$323.00 | \$3,100.80 | 0.00 | \$0.00 | 11.6 | \$3,746.80 |
| 54 | CONSTRUCT DRAINAGE STRUCTURE DES 48-4020 | 21 | LIN FT | \$323.00 | \$6,634.42 | 0.00 | \$0.00 | 20.3 | \$6,563.36 |
| 55 | CONSTRUCT DRAINAGE STRUCTURE DES 48-4022 | 31 | LIN FT | \$323.00 | \$10,022.69 | 0.00 | \$0.00 | 26.3 | \$8,491.67 |
| 56 | CONNECT TO EXISTING STORM PIPE | 4 | EACH | \$685.00 | \$2,740.00 | 0 | \$0.00 | 5 | \$3,425.00 |
| 57 | CASTING ASSEMBLY (STORM) | 22 | EACH | \$775.00 | \$17,050.00 | 0 | \$0.00 | 20 | \$15,500.00 |
| 58 | CONNECT TO EXISTING STORM STRUCTURE | 1 | EACH | \$791.00 | \$791.00 | 0 | \$0.00 | 2 | \$1,582.00 |
| 59 | SUMP PUMP SERVICE LINE CONNECTION | 4 | EACH | \$580.00 | \$2,320.00 | 0 | \$0.00 | 8 | \$4,640.00 |
| 60 | CONNECT TO EXISTING WATERMAIN | 3 | EACH | \$791.00 | \$2,373.00 | 0 | \$0.00 | 6 | \$4,746.00 |
| 61 | HYDRANT | 3 | EACH | \$3,825.00 | \$11,475.00 | 0 | \$0.00 | 4 | \$15,300.00 |
| 62 | HYDRANT EXTENSION (0.5') | 2 | EACH | \$845.00 | \$1,690.00 | 0 | \$0.00 | 0 | \$0.00 |
| 63 | HYDRANT EXTENSION (1.0') | 2 | EACH | \$1,000.00 | \$2,000.00 | 0 | \$0.00 | 0 | \$0.00 |
| 64 | ADJUST VALVE BOX | 7 | EACH | \$350.00 | \$2,450.00 | 0 | \$0.00 | 4 | \$1,400.00 |
| 65 | 6" GATE VALVE AND BOX | 8 | EACH | \$1,620.00 | \$12,960.00 | 0 | \$0.00 | 8 | \$12,960.00 |
| 66 | 8" GATE VALVE AND BOX | 4 | EACH | \$1,740.00 | \$6,960.00 | 0 | \$0.00 | 4 | \$6,960.00 |
| 67 | CUT-IN VALVE | 1 | EACH | \$1,735.00 | \$1,735.00 | 0 | \$0.00 | 1 | \$1,735.00 |
| 68 | CUT-IN TEE | 1 | EACH | \$1,582.00 | \$1,582.00 | 0 | \$0.00 | 0 | \$0.00 |

Application Number: 8

Application Date: 1/13/2016
Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|--------------------------------------|--|------------------------|-----------------|--------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 69 | 1.5" CORPORATION STOP | 1 | EACH | \$560.00 | \$560.00 | 0 | \$0.00 | 1 | \$560.00 |
| 70 | 1" CORPORATION STOP | 10 | EACH | \$351.00 | \$3,510.00 | 0 | \$0.00 | 10 | \$3,510.00 |
| 71 | 1.5" CURB STOP & BOX | 1 | EACH | \$732.00 | \$732.00 | 0 | \$0.00 | 1 | \$732.00 |
| 72 | 1" CURB STOP & BOX | 10 | EACH | \$422.00 | \$4,220.00 | 0 | \$0.00 | 10 | \$4,220.00 |
| 73 | 6" WATERMAIN DUCTILE IRON CL 52 | 126 | LIN FT | \$41.00 | \$5,166.00 | 0 | \$0.00 | 64 | \$2,624.00 |
| 74 | 8" WATERMAIN DUCTILE IRON CL 52 | 33 | LIN FT | \$52.00 | \$1,716.00 | 0 | \$0.00 | 195 | \$10,140.00 |
| 75 | 6" PVC WATERMAIN C900 DR18 | 583 | LIN FT | \$25.30 | \$14,749.90 | 0 | \$0.00 | 471 | \$11,916.30 |
| 76 | 8" PVC WATERMAIN C900 DR18 | 316 | LIN FT | \$31.70 | \$10,017.20 | 0 | \$0.00 | 347 | \$10,999.90 |
| 77 | 8" WATERMAIN DUCTILE IRON CL 52 RESTRAINED JOINTS | 107 | LIN FT | \$53.00 | \$5,671.00 | 0 | \$0.00 | 64 | \$3,392.00 |
| 78 | 8" WATERMAIN DUCTILE IRON CL 55 RESTRAINED JOINTS | 275 | LIN FT | \$67.50 | \$18,562.50 | 0 | \$0.00 | 304 | \$20,520.00 |
| 79 | 1" TYPE K COPPER SERVICE PIPE | 360 | LIN FT | \$19.00 | \$6,840.00 | 0 | \$0.00 | 351 | \$6,669.00 |
| 80 | 1.5" HDPE C901 WATER SERVICE PIPE | 48 | LIN FT | \$13.75 | \$660.00 | 0 | \$0.00 | 48 | \$660.00 |
| 81 | CONNECT TO EXISTING 6" WATER SERVICE | 1 | EACH | \$791.00 | \$791.00 | 0 | \$0.00 | 1 | \$791.00 |
| 82 | CONNECT TO EXISTING 1.5" WATER SERVICE | 1 | EACH | \$405.00 | \$405.00 | 0 | \$0.00 | 1 | \$405.00 |
| 83 | CONNECT TO EXISTING 1" WATER SERVICE | 10 | EACH | \$295.00 | \$2,950.00 | 0 | \$0.00 | 10 | \$2,950.00 |
| 84 | 4" POLYSTYRENE INSULATION | 3 | SQ YD | \$106.00 | \$318.00 | 0 | \$0.00 | 7 | \$752.60 |
| 85 | PIPE FITTINGS | 891 | POUND | \$10.60 | \$9,444.60 | 0 | \$0.00 | 2,569 | \$27,231.40 |
| 86 | 9 LB ANODE | 16 | EACH | \$370.00 | \$5,920.00 | 0 | \$0.00 | 11 | \$4,070.00 |
| 87 | 17 LB ANODE | 19 | EACH | \$633.00 | \$12,027.00 | 0 | \$0.00 | 19 | \$12,027.00 |
| 88 | CATHODIC PROTECTION TEST STATION | 1 | EACH | \$6,860.00 | \$6,860.00 | 0 | \$0.00 | 1 | \$6,860.00 |
| 89 | TEMPORARY WATER SYSTEM | 1 | LUMP SUM | \$10,600.00 | \$10,600.00 | 0 | \$0.00 | 1 | \$10,600.00 |
| 90 | PEA ROCK PIPE BEDDING, MNDOT 3127, FA-4 | 300 | TON | \$42.20 | \$12,660.00 | 0.00 | \$0.00 | 447 | \$18,853.69 |
| 91 | SELECT GRANULAR BORROW, TRENCH BACKFILL (LV) | 220 | CU YD | \$18.00 | \$3,960.00 | 0 | \$0.00 | 135 | \$2,423.34 |
| 92 | SHREDDED TIRE FILL, 2"-6" SHREDS (LV) | 1,100 | CU YD | \$15.85 | \$17,435.00 | 0 | \$0.00 | 720 | \$11,412.00 |
| 93 | LIGHTWEIGHT AGGREGATE (ESCS, 3/8" TO #0) (LV) | 100 | CU YD | \$106.00 | \$10,600.00 | 0 | \$0.00 | 100 | \$10,600.00 |
| 94 | GRANULAR PIPE FOUNDATION MATERIAL | 240 | TON | \$37.00 | \$8,880.00 | 0.00 | \$0.00 | 230 | \$8,496.31 |
| 95 | GEOTEXTILE FABRIC FOR TRENCH BACKFILL, TYPE V | 650 | LIN FT | \$3.70 | \$2,405.00 | 0 | \$0.00 | 304 | \$1,124.80 |
| 96 | EXPORT ORGANIC AND EXCESS SOIL (LV) | 1,800 | CU YD | \$8.50 | \$15,300.00 | 0 | \$0.00 | 2,226 | \$18,921.00 |
| 97 | HELICAL PILING SYSTEM | 1 | LUMP SUM | \$216,275.00 | \$216,275.00 | 0.00 | \$0.00 | 1 | \$216,275.00 |
| 98 | PILING LENGTH PRICE ADJUSTMENT (+ OR - 32 FEET) | 200 | LIN FT | \$39.00 | \$7,800.00 | 0 | \$0.00 | -484 | -\$18,876.00 |
| 99 | U-BOLT PIPE CONNECTIONS TO PILE CAPS | 58 | EACH | \$317.00 | \$18,386.00 | 0 | \$0.00 | 59 | \$18,703.00 |
| 100 | SURCHARGE SOIL PLACEMENT AND REMOVAL (CV) | 500 | CU YD | \$22.15 | \$11,075.00 | 0 | \$0.00 | 500 | \$11,075.00 |
| 101 | CONNECT TO EXISTING SANITARY SEWER | 3 | EACH | \$2,100.00 | \$6,300.00 | 0 | \$0.00 | 4 | \$8,400.00 |
| 102 | CONNECT TO EXISTING SANITARY MANHOLE | 2 | EACH | \$3,675.00 | \$7,350.00 | 0 | \$0.00 | 2 | \$7,350.00 |
| 103 | CONNECT TO EXISTING SERVICE PIPE | 10 | EACH | \$580.00 | \$5,800.00 | 0 | \$0.00 | 10 | \$5,800.00 |
| 104 | CONSTRUCT SANITARY MANHOLE | 38 | LIN FT | \$274.00 | \$10,387.34 | 0.00 | \$0.00 | 37.91 | \$10,387.34 |
| 105 | OUTSIDE DROP MANHOLE | 4 | LIN FT | \$527.00 | \$2,297.72 | 0.00 | \$0.00 | 4.36 | \$2,297.72 |
| 106 | 6" SANITARY SEWER DUCTILE IRON CL 52 | 176 | LIN FT | \$84.50 | \$14,872.00 | 0 | \$0.00 | 205 | \$17,322.50 |
| 107 | 6" SANITARY SEWER DUCTILE IRON CL 55 RESTRAINED JOINTS | 43 | LIN FT | \$210.00 | \$9,030.00 | 0 | \$0.00 | 43 | \$9,030.00 |
| 108 | 8" SANITARY SEWER DUCTILE IRON CL 55 RESTRAINED JOINTS | 299 | LIN FT | \$63.00 | \$18,837.00 | 0 | \$0.00 | 311 | \$19,593.00 |
| 109 | 8" PVC PIPE SEWER SDR 35 | 331 | LIN FT | \$50.00 | \$16,550.00 | 0 | \$0.00 | 329 | \$16,450.00 |
| 110 | 8" PVC PIPE SEWER SDR 26 | 316 | LIN FT | \$106.00 | \$33,496.00 | 0 | \$0.00 | 366 | \$38,796.00 |
| 111 | 8" PVC PIPE SEWER C-900 DR 18 | 48 | LIN FT | \$53.00 | \$2,544.00 | 0 | \$0.00 | 20 | \$1,060.00 |
| 112 | 6" PVC PIPE SEWER SERVICE SDR-26 | 143 | LIN FT | \$34.80 | \$4,976.40 | 0 | \$0.00 | 191 | \$6,646.80 |
| 113 | 8"X6" PVC WYE | 3 | EACH | \$370.00 | \$1,110.00 | 0 | \$0.00 | 4 | \$1,480.00 |
| 114 | EXPLORATORY EXCAVATION | 10 | HR | \$474.00 | \$4,740.00 | 0 | \$0.00 | 3.5 | \$1,659.00 |
| 115 | GRANULAR FOUNDATION MATERIAL | 25 | TON | \$37.00 | \$925.00 | 0 | \$0.00 | 16 | \$606.06 |
| 116 | CASTING ASSEMBLY (SANITARY) | 4 | EACH | \$650.00 | \$2,600.00 | 0 | \$0.00 | 4 | \$2,600.00 |
| 117 | ADJUST FRAME & RING CASTING | 9 | EACH | \$425.00 | \$3,825.00 | 0 | \$0.00 | 9 | \$3,825.00 |
| 118 | ADJUST GATE VALVE AND BOX | 3 | EACH | \$350.00 | \$1,050.00 | 0 | \$0.00 | 3 | \$1,050.00 |
| 119 | CHIMNEY SEAL | 30 | EACH | \$200.00 | \$6,000.00 | 0 | \$0.00 | 20 | \$4,000.00 |
| EW #2442 | DRAINTILE MATERIAL CHANGE | 1 | LS | \$840.18 | \$0.00 | 0 | \$0.00 | 1 | \$840.18 |
| EW #2449 | GAS LINE RELOCATION | 1 | LS | \$918.50 | \$0.00 | 0 | \$0.00 | 1 | \$918.50 |
| EW #2450 | RETAINING WALL ITEMS | 1 | LS | \$2,937.00 | \$0.00 | 0 | \$0.00 | 1 | \$2,937.00 |
| EW #5 | BITUMINOUS RAMP RADII | 1 | LS | \$1,503.15 | \$0.00 | 0 | \$0.00 | 1 | \$1,503.15 |
| SIDEWALK, DRIVEWAYS, SIGNAGE: | | | | | | | | | |
| 120 | 4" CONCRETE WALK | 12,310 | SQ FT | \$4.07 | \$50,101.70 | -1,551 | -\$6,312.57 | 10,461 | \$42,576.27 |
| 121 | 6" CONCRETE WALK | 1,040 | SQ FT | \$5.75 | \$5,980.00 | -288 | -\$1,656.00 | 2,679 | \$15,404.25 |
| 122 | 4" COLORED CONCRETE | 3,830 | SQ FT | \$7.10 | \$27,193.00 | 0 | \$0.00 | 542 | \$3,848.20 |
| 123 | 6" COLORED CONCRETE | 620 | SQ FT | \$8.40 | \$5,208.00 | 0 | \$0.00 | 1,990 | \$16,716.00 |
| 124 | 6" CONCRETE DRIVEWAY PAVEMENT | 1,605 | SQ FT | \$5.60 | \$8,988.00 | 0 | \$0.00 | 483 | \$2,704.80 |
| 125 | HEAVY DUTY 6" CONCRETE DRIVEWAY PAVEMENT | 395 | SQ FT | \$6.30 | \$2,488.50 | 0 | \$0.00 | 296 | \$1,864.80 |
| 126 | 6" CONCRETE PEDESTRIAN RAMP | 2,440 | SQ FT | \$7.85 | \$19,154.00 | 1,839 | \$14,436.15 | 2,297 | \$18,031.45 |
| 127 | TRUNCATED DOMES | 490 | SQ FT | \$48.00 | \$23,520.00 | 12 | \$576.00 | 396 | \$19,008.00 |
| 128 | CONCRETE CURB & GUTTER DESIGN B618 | 4,434 | LIN FT | \$14.50 | \$64,293.00 | 0 | \$0.00 | 5,024 | \$72,848.00 |
| 129 | CONCRETE CURB & GUTTER DESIGN B618-REINFORCED | 907 | LIN FT | \$15.25 | \$13,831.75 | 0 | \$0.00 | 0 | \$0.00 |
| 130 | CONCRETE CURB & GUTTER DESIGN SURMOUNTABLE-REINFORCED | 202 | LIN FT | \$18.67 | \$3,771.34 | 0 | \$0.00 | 0 | \$0.00 |
| 131 | CONCRETE VALLEY GUTTER | 399 | SQ FT | \$8.40 | \$3,351.60 | 0 | \$0.00 | 398 | \$3,343.20 |
| 132 | BITUMINOUS CURB | 38 | LIN FT | \$20.00 | \$760.00 | 0 | \$0.00 | 30 | \$600.00 |
| 133 | 3" BITUMINOUS DRIVEWAY PAVEMENT MIX (2,B) | 4,405 | SQ FT | \$2.88 | \$12,686.40 | 0 | \$0.00 | 3,294 | \$9,486.72 |
| 134 | BITUMINOUS PATCH | 94 | SQ YD | \$20.00 | \$1,880.00 | 0 | \$0.00 | 30 | \$600.00 |
| 135 | HEAVY DUTY BITUMINOUS DRIVEWAY PAVEMENT MIX (2,B) | 2,765 | SQ FT | \$3.83 | \$10,589.95 | 0 | \$0.00 | 2,074 | \$7,943.42 |
| 136 | FENCE DESIGN SPECIAL | 255 | LIN FT | \$120.00 | \$30,600.00 | 0 | \$0.00 | 255 | \$30,600.00 |

Application Number: 8

Application Date: 1/13/2016
Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|---|---|------------------------|-----------------|-------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 137 | WOOD RAIL FENCE | 105 | LIN FT | \$12.70 | \$1,333.50 | 0 | \$0.00 | 0 | \$0.00 |
| 138 | DECIDUOUS TREE 2 1/2" CALIPER, B & B | 14 | TREE | \$400.00 | \$5,600.00 | 0 | \$0.00 | 0 | \$0.00 |
| EROSION CONTROL AND RESTORATION: | | | | | | | | | |
| 139 | SILT FENCE, TYPE PREASSEMBLED | 95 | LIN FT | \$5.30 | \$503.50 | 634 | \$3,360.20 | 934 | \$4,950.20 |
| 140 | ROCKBAG BARRIER | 6 | EACH | \$40.00 | \$240.00 | 0 | \$0.00 | 0 | \$0.00 |
| 141 | STORM DRAIN INLET PROTECTION | 26 | EACH | \$125.00 | \$3,250.00 | 0 | \$0.00 | 12 | \$1,500.00 |
| 142 | EROSION CONTROL BLANKET CAT. 2, SEED MIX 25-131 | 345 | SQ YD | \$1.65 | \$569.25 | 0 | \$0.00 | 2,034 | \$3,356.10 |
| 143 | SODDING TYPE LAWN | 3,350 | SQ YD | \$4.50 | \$15,075.00 | 708 | \$3,186.00 | 1,375 | \$6,187.50 |
| 144 | ROCK CONSTRUCTION ENTRANCE | 378 | TON | \$18.00 | \$6,804.00 | 0 | \$0.00 | 0 | \$0.00 |
| 145 | LANDSCAPING | 1 | ALLOWANCE | \$10,000.00 | \$10,000.00 | 0 | \$0.00 | 0 | \$0.00 |
| 146 | IRRIGATION SYSTEM AND ELECTRIC FENCE REPAIR | 1 | ALLOWANCE | \$8,000.00 | \$8,000.00 | 0 | \$0.00 | 0 | \$0.00 |
| PAVEMENT MARKINGS: | | | | | | | | | |
| 147 | PAVT MSSG (HANDICAPPED SYMBOL) PAINT | 1 | EACH | \$54.00 | \$54.00 | 0 | \$0.00 | 1 | \$54.00 |
| 148 | 4" SOLID LINE WHITE-EPOXY | 956 | LIN FT | \$0.94 | \$898.64 | 0 | \$0.00 | 1,019 | \$957.86 |
| 149 | 4" DOUBLE SOLID LINE YELLOW-EPOXY | 1,366 | LIN FT | \$1.88 | \$2,568.08 | 0 | \$0.00 | 470 | \$883.60 |
| 150 | CROSSWALK MARKING-EPOXY | 1,440 | SQ FT | \$5.65 | \$8,136.00 | 0 | \$0.00 | 1,632 | \$9,220.80 |
| EW 05 | 21" RC PIPE SEWER DES 3006 CLASS III | 0 | LIN FT | \$32.70 | \$0.00 | 0 | \$0.00 | 130 | \$4,251.00 |
| EW #214 | MAPLE ST SANITARY GRADE | 1 | LS | \$1,320.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,320.00 |
| EW #216 | MAPLE ST SANITARY STUB | 1 | LS | \$6,429.00 | \$0.00 | 0 | \$0.00 | 1 | \$6,429.00 |
| EW #1 | ADDITIONAL TRAFFIC CONTROL | 1 | LS | \$1,713.03 | \$0.00 | 1 | \$1,713.03 | 1 | \$1,713.03 |
| EW #2 | SECOND STREET BORROW | 1 | LS | \$5,000.00 | \$0.00 | 1 | \$5,000.00 | 1 | \$5,000.00 |
| EW #8 | LANDSCAPING | 1 | LS | \$3,810.09 | \$0.00 | 1 | \$3,810.09 | 1 | \$3,810.09 |
| EW #9 | LIBRARY CURB RAMPS | 1 | LS | \$1,321.95 | \$0.00 | 1 | \$1,321.95 | 1 | \$1,321.95 |
| EW #10 | VINE STREET RAILINGS | 1 | LS | \$3,938.34 | \$0.00 | 1 | \$3,938.34 | 1 | \$3,938.34 |
| SECTION 3: PARKING LOT ONE | | | | | | | | | |
| 151 | CLEAR AND GRUB TREE ≤12" | 19 | TREE | \$211.00 | \$4,009.00 | 0 | \$0.00 | 19 | \$4,009.00 |
| 152 | REMOVE CONCRETE CURB & GUTTER | 1,104 | LIN FT | \$5.10 | \$5,630.40 | 0 | \$0.00 | 1,131 | \$5,768.10 |
| 153 | REMOVE BITUMINOUS PAVEMENT | 56 | SQ YD | \$5.00 | \$280.00 | 0 | \$0.00 | 140 | \$700.00 |
| 154 | REMOVE CONCRETE DRIVEWAY/WALK | 989 | SQ FT | \$1.50 | \$1,483.50 | 0 | \$0.00 | 1,022 | \$1,533.00 |
| 155 | REMOVE RETAINING WALL | 317 | SQ FT | \$14.00 | \$4,438.00 | 0 | \$0.00 | 325 | \$4,550.00 |
| 156 | REMOVE ROCK MULCH | 247 | SQ YD | \$7.50 | \$1,852.50 | 0 | \$0.00 | 158 | \$1,185.00 |
| 157 | REMOVE WOOD MULCH | 356 | SQ YD | \$7.50 | \$2,670.00 | 0 | \$0.00 | 253 | \$1,897.50 |
| 158 | DELETED | | | | | | \$0.00 | 0 | \$0.00 |
| 159 | SALVAGE FLAG POLE | 1 | EACH | \$1,500.00 | \$1,500.00 | 0 | \$0.00 | 0 | \$0.00 |
| 160 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) | 25 | LIN FT | \$2.50 | \$62.50 | 0 | \$0.00 | 21 | \$52.50 |
| 161 | SAWING CONCRETE PAVEMENT (FULL DEPTH) | 5 | LIN FT | \$3.50 | \$17.50 | 0 | \$0.00 | 29 | \$101.50 |
| 162 | RECLAIM BITUMINOUS PAVEMENT | 5,620 | SQ YD | \$1.90 | \$10,678.00 | 0 | \$0.00 | 6,451 | \$12,256.90 |
| 163 | SALVAGE RECLAIMED AGGREGATE (EV) | 740 | CU YD | \$3.00 | \$2,220.00 | 0 | \$0.00 | 740 | \$2,220.00 |
| 164 | COMMON EXCAVATION (EV) | 490 | CU YD | \$19.60 | \$9,604.00 | 0 | \$0.00 | 490 | \$9,604.00 |
| 165 | GRADE IN-PLACE RECLAIMED AGGREGATE MATERIAL | 3,440 | SQ YD | \$2.80 | \$9,632.00 | 0 | \$0.00 | 3,440 | \$9,632.00 |
| 166 | TEMPORARY ACCESS | 1 | LUMP SUM | \$1,500.00 | \$1,500.00 | 0 | \$0.00 | 1 | \$1,500.00 |
| 167 | SUBGRADE EXCAVATION (EV) | 100 | CU YD | \$19.60 | \$1,960.00 | 0 | \$0.00 | 135 | \$2,646.00 |
| 168 | PLACE SALVAGED RECLAIMED AGGREGATE | 600 | CU YD | \$3.00 | \$1,800.00 | 97 | \$291.00 | 740 | \$2,220.00 |
| 169 | CONCRETE CURB & GUTTER (B612) | 1,500 | LIN FT | \$15.50 | \$23,250.00 | 0 | \$0.00 | 1,519 | \$23,544.50 |
| 170 | TYPE SP 12.5 NON WEAR COURSE MIXTURE (2,B) | 750 | TON | \$63.17 | \$47,377.50 | 0 | \$0.00 | 892 | \$56,348.27 |
| 171 | 1.5" TYPE SP 9.5 WEARING COURSE MIX (2,B) | 5,550 | SQ YD | \$6.42 | \$35,631.00 | 0 | \$0.00 | 5,550 | \$35,631.00 |
| 172 | 3" BITUMINOUS DRIVEWAY PAVEMENT MIX (2,B) | 440 | SQ FT | \$2.88 | \$1,267.20 | 0 | \$0.00 | 405 | \$1,166.40 |
| 173 | HEAVY DUTY 6" CONCRETE DRIVEWAY PAVEMENT | 95 | SQ FT | \$6.30 | \$598.50 | 0 | \$0.00 | 95 | \$598.50 |
| 174 | 4" CONCRETE WALK | 1,420 | SQ FT | \$5.00 | \$7,100.00 | 0 | \$0.00 | 780 | \$3,900.00 |
| 175 | CONCRETE BLOCK RETAINING WALL | 760 | SQ FT | \$39.00 | \$29,640.00 | 0 | \$0.00 | 795 | \$31,005.00 |
| 176 | FENCE DESIGN SPECIAL | 136 | LIN FT | \$120.00 | \$16,320.00 | 0 | \$0.00 | 136 | \$16,320.00 |
| 177 | CONCRETE STAIRWAY | 20 | SQ FT | \$69.60 | \$1,392.00 | 0 | \$0.00 | 56 | \$3,897.60 |
| 178 | CONCRETE HANDICAP RAMP | 167 | SQ FT | \$16.85 | \$2,805.53 | 0 | \$0.00 | 302 | \$5,088.70 |
| 179 | HANDRAILS FOR STAIRWAY & HC RAMP | 1 | LUMP SUM | \$8,000.00 | \$8,000.00 | 0 | \$0.00 | 0 | \$0.00 |
| 180 | 6" PERFORATED PE DRAINTILE | 152 | LIN FT | \$37.00 | \$5,624.00 | 0 | \$0.00 | 134 | \$4,958.00 |
| 181 | 6" PIPE DRAIN CLEANOUT | 3 | EACH | \$370.00 | \$1,110.00 | 0 | \$0.00 | 5 | \$1,850.00 |
| 182 | 8" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 19 | LIN FT | \$68.50 | \$1,301.50 | 0 | \$0.00 | 0 | \$0.00 |
| 183 | 12" PVC DRAIN BASIN WITH CASTING | 2 | EACH | \$1,060.00 | \$2,120.00 | 0 | \$0.00 | 0 | \$0.00 |
| 184 | CASTING ASSEMBLY- (STORM) | 2 | EACH | \$775.00 | \$1,550.00 | 0 | \$0.00 | 2 | \$1,550.00 |
| 185 | CHIMNEY SEAL | 2 | EACH | \$200.00 | \$400.00 | 0 | \$0.00 | 1 | \$200.00 |
| 186 | RAIN GUARDIAN (INC. CONCRETE BASE SLAB) | 2 | EACH | \$1,320.00 | \$2,640.00 | 0 | \$0.00 | 2 | \$2,640.00 |
| 187 | REMOVE DRAINAGE STRUCTURE | 2 | EACH | \$370.00 | \$740.00 | 0 | \$0.00 | 2 | \$740.00 |
| 188 | REMOVE PIPE SEWER (STORM) | 66 | LIN FT | \$10.50 | \$693.00 | 0 | \$0.00 | 67 | \$703.50 |
| 189 | 8" DUCTILE IRON STORM PIPE, CL 52 | 10 | LIN FT | \$121.00 | \$1,210.00 | 0 | \$0.00 | 0 | \$0.00 |
| 190 | 12" DUCTILE IRON STORM PIPE, CL 52 | 31 | LIN FT | \$79.00 | \$2,449.00 | 0 | \$0.00 | 31 | \$2,449.00 |
| 191 | CONSTRUCT DRAINAGE STRUCTURE-DES 2'X3' | 4 | LIN FT | \$319.00 | \$1,212.20 | 0.00 | \$0.00 | 4 | \$1,212.20 |
| 192 | CONSTRUCT DRAINAGE STRUCTURE-DESIGN 48-4022 | 5 | LIN FT | \$317.00 | \$1,572.32 | 0.00 | \$0.00 | 6 | \$1,889.32 |
| 193 | CONNECT TO EXISTING STORM PIPE | 3 | EACH | \$685.00 | \$2,055.00 | 0 | \$0.00 | 3 | \$2,055.00 |
| 194 | SALVAGE BENCH | 3 | EACH | \$158.00 | \$474.00 | 0 | \$0.00 | 0 | \$0.00 |
| 195 | TEMPORARY CONSTRUCTION FENCE | 350 | LIN FT | \$4.65 | \$1,627.50 | 0 | \$0.00 | 175 | \$813.75 |
| 196 | INFILTRATION MEDIA (CV) | 20 | CU YD | \$158.00 | \$3,160.00 | 0 | \$0.00 | 30 | \$4,740.00 |
| 197 | TOPSOIL BORROW (LV) | 215 | CU YD | \$25.00 | \$5,375.00 | 0 | \$0.00 | 106 | \$2,650.00 |
| 198 | LANDSCAPING | 1 | ALLOWANCE | \$5,000.00 | \$5,000.00 | 0 | \$0.00 | 0 | \$0.00 |

Application Number: 8

Application Date: 1/13/2016

Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|---------------------------------|---|------------------------|-----------------|------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 199 | DECIDUOUS TREE 2 1/2" CALIPER, B & B | 19 | EACH | \$400.00 | \$7,600.00 | 0 | \$0.00 | 0 | \$0.00 |
| 200 | EROSION CTL BLANKET, CAT 3 SEED MIX 25-131 | 600 | SQ YD | \$1.65 | \$990.00 | 0 | \$0.00 | 600 | \$990.00 |
| 201 | SILT FENCE, TYPE PREASSEMBLED | 500 | LIN FT | \$1.60 | \$800.00 | 0 | \$0.00 | 617 | \$987.20 |
| 202 | STORM DRAIN INLET PROTECTION | 4 | EACH | \$125.00 | \$500.00 | 0.0 | \$0.00 | 3 | \$375.00 |
| 203 | ROCKBAG BARRIER | 1 | EACH | \$40.00 | \$40.00 | 0 | \$0.00 | 0 | \$0.00 |
| 204 | INSTALL SIGN TYPE SPECIAL | 40 | SQ FT | \$21.10 | \$844.00 | 0 | \$0.00 | 0 | \$0.00 |
| 205 | 4" SOLID LINE WHITE-EPOXY | 3,145 | LIN FT | \$3.27 | \$10,284.15 | 0 | \$0.00 | 2,813 | \$9,198.51 |
| 206 | PAVT MSSG (HANDICAPPED SYMBOL) PAINT | 6 | EACH | \$54.00 | \$324.00 | 0 | \$0.00 | 6 | \$324.00 |
| EW #212 | BREWERY RETAINING WALL | 1 | LS | \$4,420.70 | \$0.00 | 0 | \$0.00 | 1 | \$4,420.70 |
| EW #11 | BREWERY RAILING | 1 | LS | \$2,882.57 | \$0.00 | 1 | \$2,882.57 | 1 | \$2,882.57 |
| SECTION 4: FOUNTAIN PARK | | | | | | | | | |
| 207 | CLEAR AND GRUB TREE | 11 | TREE | \$211.00 | \$2,321.00 | 0 | \$0.00 | 8 | \$1,688.00 |
| 208 | REMOVE BITUMINOUS PAVEMENT | 874 | SQ YD | \$3.00 | \$2,622.00 | 0 | \$0.00 | 874 | \$2,622.00 |
| 209 | REMOVE CONCRETE DRIVEWAY/WALK | 183 | SQ FT | \$2.00 | \$366.00 | 0 | \$0.00 | 213 | \$426.00 |
| 210 | REMOVE RIPRAP | 15 | CU YD | \$26.50 | \$397.50 | 0 | \$0.00 | 15 | \$397.50 |
| 211 | REMOVE PIPE SEWER (STORM) | 459 | LIN FT | \$5.30 | \$2,432.70 | 0 | \$0.00 | 336 | \$1,780.80 |
| 212 | REMOVE DRAINAGE STRUCTURE | 6 | EACH | \$370.00 | \$2,220.00 | 0 | \$0.00 | 4 | \$1,480.00 |
| 213 | REMOVE CASTING (STORM) | 10 | EACH | \$200.00 | \$2,000.00 | 0 | \$0.00 | 10 | \$2,000.00 |
| 214 | REMOVE LIGHT STANDARD FOUNDATION | 3 | EACH | \$1,500.00 | \$4,500.00 | 0 | \$0.00 | 3 | \$4,500.00 |
| 215 | REMOVE CONCRETE CURB & GUTTER | 494 | LIN FT | \$5.10 | \$2,519.40 | 0 | \$0.00 | 579 | \$2,952.90 |
| 216 | MILL BITUMINOUS PAVEMENT 1.5" DEPTH | 2,624 | SQ YD | \$3.85 | \$10,102.40 | 0 | \$0.00 | 2,624 | \$10,102.40 |
| 217 | SAWING CONCRETE PAVEMENT (FULL DEPTH) | 15 | LIN FT | \$10.00 | \$150.00 | 0 | \$0.00 | 15 | \$150.00 |
| 218 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) | 277 | LIN FT | \$2.50 | \$692.50 | 0 | \$0.00 | 277 | \$692.50 |
| 219 | SALVAGE SIGN | 2 | EACH | \$26.40 | \$52.80 | 0 | \$0.00 | 0 | \$0.00 |
| 220 | POND DEWATERING | 1 | LUMP SUM | \$4,750.00 | \$4,750.00 | 0 | \$0.00 | 1 | \$4,750.00 |
| 221 | COMMON EXCAVATION (LEVEL 3 SEDIMENT) (EV) | 600 | CU YD | \$26.50 | \$15,900.00 | 0 | \$0.00 | 1,176 | \$31,164.00 |
| 222 | COMMON EXCAVATION (EV) | 800 | CU YD | \$14.00 | \$11,200.00 | 0 | \$0.00 | 800 | \$11,200.00 |
| 222A | POND EXCAVATION (EV) | 980 | CU YD | \$20.05 | \$19,649.00 | 0 | \$0.00 | 980 | \$19,649.00 |
| 223 | TOPSOIL BORROW (LV) | 600 | CU YD | \$25.00 | \$15,000.00 | 0 | \$0.00 | 564 | \$14,100.00 |
| 224 | BITUMINOUS CRACK REPAIR | 800 | LIN FT | \$1.80 | \$1,440.00 | 0 | \$0.00 | 534 | \$961.20 |
| 225 | 2" TYPE 9.5 WEARING COURSE MIX (2,B) | 2,624 | SQ YD | \$8.90 | \$23,353.60 | 0 | \$0.00 | 2,624 | \$23,353.60 |
| 226 | PERVIOUS CONCRETE PAVERS | 552 | SQ YD | \$133.00 | \$73,416.00 | 0 | \$0.00 | 483 | \$64,239.00 |
| 227 | 4" PERF PE EDGE DRAIN | 542 | LIN FT | \$12.00 | \$6,504.00 | 0 | \$0.00 | 506 | \$6,072.00 |
| 228 | 6" PERFORATED PE DRAINTILE | 707 | LIN FT | \$37.00 | \$26,159.00 | 0 | \$0.00 | 584 | \$21,608.00 |
| 229 | 4" PIPE DRAIN CLEANOUT | 5 | EACH | \$300.00 | \$1,500.00 | 0 | \$0.00 | 5 | \$1,500.00 |
| 230 | 4" PIPE DRAIN CLEANOUT WITH CASTING | 1 | EACH | \$1,000.00 | \$1,000.00 | 0 | \$0.00 | 1 | \$1,000.00 |
| 231 | 6" PIPE DRAIN CLEANOUT | 6 | EACH | \$265.00 | \$1,590.00 | 0 | \$0.00 | 5 | \$1,325.00 |
| 232 | 12" RC PIPE SEWER DES 3006 CL V | 89 | LIN FT | \$39.00 | \$3,471.00 | 0 | \$0.00 | 79 | \$3,081.00 |
| 233 | 15" RC PIPE SEWER DES 3006 CL V | 150 | LIN FT | \$40.00 | \$6,000.00 | 0 | \$0.00 | 173 | \$6,920.00 |
| 234 | 24" RC PIPE SEWER DES 3006 CL III | 46 | LIN FT | \$47.50 | \$2,185.00 | 0 | \$0.00 | 46 | \$2,185.00 |
| 235 | 30" RC PIPE SEWER DES 3006 CL III | 100 | LIN FT | \$55.00 | \$5,500.00 | 0 | \$0.00 | 100 | \$5,500.00 |
| 236 | 48" RC PIPE SEWER DES 3006 CL II | 52 | LIN FT | \$101.00 | \$5,252.00 | 0 | \$0.00 | 52 | \$5,252.00 |
| 237 | 48" ARCH RC PIPE SEWER DES 3006 CL II | 36 | LIN FT | \$150.00 | \$5,400.00 | 0 | \$0.00 | 36 | \$5,400.00 |
| 238 | 12" RC APRON W/ TRASHGUARD | 2 | EACH | \$1,142.00 | \$2,284.00 | 0 | \$0.00 | 2 | \$2,284.00 |
| 239 | 24" RC APRON W/ TRASHGUARD | 1 | EACH | \$1,585.00 | \$1,585.00 | 0 | \$0.00 | 1 | \$1,585.00 |
| 240 | 30" RC APRON W/ TRASHGUARD | 1 | EACH | \$1,900.00 | \$1,900.00 | 0 | \$0.00 | 1 | \$1,900.00 |
| 241 | 48" ARCH RC APRON | 1 | EACH | \$1,940.00 | \$1,940.00 | 0 | \$0.00 | 1 | \$1,940.00 |
| 242 | 12" PVC DRAIN BASIN WITH CASTING | 1 | EACH | \$1,115.00 | \$1,115.00 | 0 | \$0.00 | 1 | \$1,115.00 |
| 243 | CONSTRUCT DRAINAGE STRUCTURE-DES 2'X3' | 3.56 | LIN FT | \$304.00 | \$1,082.24 | 0.00 | \$0.00 | 3.56 | \$1,082.24 |
| 244 | CONSTRUCT DRAINAGE STRUCTURE-DES 60-4020 W/ PRESERVER | 12.43 | LIN FT | \$554.00 | \$6,886.22 | 0.00 | \$0.00 | 12.43 | \$6,886.22 |
| 245 | CONSTRUCT DRAINAGE STRUCTURE-DES 72-4020 W/ PRESERVER | 7.90 | LIN FT | \$978.00 | \$7,726.20 | 0.00 | \$0.00 | 7.90 | \$7,726.20 |
| 246 | CONSTRUCT DRAINAGE STRUCTURE-DES 48-4022 | 16.00 | LIN FT | \$355.00 | \$5,680.00 | 0.00 | \$0.00 | 16.00 | \$5,680.00 |
| 247 | CONSTRUCT DRAINAGE STRUCTURE-DES 48-4022 W/ PRESERVER | 8.75 | LIN FT | \$580.00 | \$5,075.00 | 0.00 | \$0.00 | 8.95 | \$5,191.00 |
| 248 | CONSTRUCT DRAINAGE STRUCTURE-DES 48-4022 W/ SAFL BAFFLE | 9.72 | LIN FT | \$781.00 | \$7,591.32 | 0.00 | \$0.00 | 9.72 | \$7,591.32 |
| 249 | CONSTRUCT OUTLET CONTROL STRUCTURE - 96" DIA | 9 | LIN FT | \$1,319.00 | \$12,266.70 | 0.00 | \$0.00 | 9.30 | \$12,266.70 |
| 250 | CASTING ASSEMBLY- (STORM) | 13 | EACH | \$775.00 | \$10,075.00 | 0 | \$0.00 | 11 | \$8,525.00 |
| 251 | CHIMNEY SEAL | 13 | EACH | \$200.00 | \$2,600.00 | 0 | \$0.00 | 13 | \$2,600.00 |
| 252 | ADJUST FRAME & RING CASTING | 5 | EACH | \$425.00 | \$2,125.00 | 0 | \$0.00 | 5 | \$2,125.00 |
| 253 | CONNECT TO EXISTING STORM PIPE | 4 | EACH | \$685.00 | \$2,740.00 | 0 | \$0.00 | 4 | \$2,740.00 |
| 254 | CONNECT TO EXISTING STORM STRUCTURE | 1 | EACH | \$1,060.00 | \$1,060.00 | 0 | \$0.00 | 3 | \$3,180.00 |
| 255 | RANDOM RIPRAP CLASS III | 30 | CU YD | \$84.50 | \$2,560.35 | 0.0 | \$0.00 | 30 | \$2,560.35 |
| 256 | POND GRADING | 1 | LUMP SUM | \$3,692.00 | \$3,692.00 | 0 | \$0.00 | 1 | \$3,692.00 |
| 257 | IRON ENHANCED SAND FILTER | 17 | SQ YD | \$400.00 | \$6,800.00 | 17 | \$6,800.00 | 17 | \$6,800.00 |
| 258 | INFILTRATION MEDIA (CV) | 161 | CU YD | \$79.00 | \$12,719.00 | 0 | \$0.00 | 188 | \$14,852.00 |
| 259 | RAIN GUARDIAN (INC. CONCRETE BASE SLAB) | 4 | EACH | \$1,319.00 | \$5,276.00 | 0 | \$0.00 | 4 | \$5,276.00 |
| 260 | CONCRETE CURB & GUTTER DESIGN B612 | 378 | LIN FT | \$19.65 | \$7,427.70 | 0 | \$0.00 | 466 | \$9,156.90 |
| 261 | BITUMINOUS PATCH | 134 | SQ YD | \$36.75 | \$4,924.50 | 0 | \$0.00 | 162 | \$5,953.50 |
| 262 | 6" CONCRETE PEDESTRIAN RAMP | 207 | SQ FT | \$7.85 | \$1,624.95 | 0 | \$0.00 | 207 | \$1,624.95 |
| 263 | 4" CONCRETE WALK | 416 | SQ FT | \$6.00 | \$2,496.00 | 0 | \$0.00 | 416 | \$2,496.00 |
| 264 | TRUNCATED DOMES | 32 | SQ FT | \$48.00 | \$1,536.00 | 0 | \$0.00 | 0 | \$0.00 |
| 265 | PAVT MSSG (HANDICAPPED SYMBOL) PAINT | 4 | EACH | \$54.00 | \$216.00 | 0 | \$0.00 | 3 | \$162.00 |
| 266 | 4" SOLID LINE WHITE - PAINT | 1,229 | LIN FT | \$1.35 | \$1,659.15 | 0 | \$0.00 | 755 | \$1,019.25 |
| 267 | INSTALL SALVAGED SIGN | 2 | EACH | \$50.00 | \$100.00 | 0 | \$0.00 | 0 | \$0.00 |

Application Number: 8

Application Date: 1/13/2016

Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|---|---|------------------------|-----------------|-------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 268 | TREE PROTECTION FENCE | 215 | LIN FT | \$2.40 | \$516.00 | 43 | \$103.20 | 329 | \$789.60 |
| 269 | EROSION CTL BLANKET, CAT 3 - w/ SEED MIX 33-261 | 1,756 | SQ YD | \$1.85 | \$3,248.60 | 0 | \$0.00 | 1,844 | \$3,411.40 |
| 270 | EROSION CTL BLANKET, CAT 2 - w/ SEED MIX 25-131 | 1,109 | SQ YD | \$1.60 | \$1,774.40 | 966 | \$1,545.60 | 2,026 | \$3,241.60 |
| 271 | ROCK CONSTRUCTION ENTRANCE | 38 | TON | \$18.00 | \$684.00 | 0 | \$0.00 | 0 | \$0.00 |
| 272 | RIPRAP COVERED STANDPIPE | 1 | EACH | \$2,110.00 | \$2,110.00 | 0.0 | \$0.00 | 1.0 | \$2,110.00 |
| 273 | STORM DRAIN INLET PROTECTION | 7 | EACH | \$125.00 | \$875.00 | 0 | \$0.00 | 8 | \$1,000.00 |
| 274 | PERENNIAL 1 GAL | 199 | PLANT | \$15.05 | \$2,994.95 | 0 | \$0.00 | 0 | \$0.00 |
| 275 | PERENNIAL 2 GAL | 22 | PLANT | \$25.90 | \$569.80 | 0 | \$0.00 | 0 | \$0.00 |
| 276 | PERENNIAL 1 QT | 648 | PLANT | \$12.00 | \$7,776.00 | 0 | \$0.00 | 0 | \$0.00 |
| 277 | GRASSES 1 GAL | 328 | PLANT | \$15.05 | \$4,936.40 | 0 | \$0.00 | 0 | \$0.00 |
| EW #12 | 6" SDR DRAINTILE | 1 | LS | \$3,289.00 | \$0.00 | 1 | \$3,289.00 | 2 | \$6,578.00 |
| EW #2445 | POND DEWATERING | 1 | LS | \$1,100.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,100.00 |
| EW #2452 | POROUS PAVEMENT GEOGRID | 1 | LS | \$2,547.32 | \$0.00 | 0 | \$0.00 | 1 | \$2,547.32 |
| EW #2446 | POROUS PAVEMENT ROCK | 1 | LS | \$1,848.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,848.00 |
| EW #2451 | POROUS PAVEMENT ROCK | 1 | LS | \$11,012.96 | \$0.00 | 0 | \$0.00 | 1 | \$11,012.96 |
| SECTION 5: BURANDT LAKE STORMWATER REUSE | | | | | | | | | |
| 278 | REMOVE CONCRETE CURB & GUTTER | 303 | LIN FT | \$5.10 | \$1,545.30 | 0 | \$0.00 | 303 | \$1,545.30 |
| 279 | REMOVE DRAINAGE STRUCTURE | 2 | EACH | \$370.00 | \$740.00 | 0 | \$0.00 | 2 | \$740.00 |
| 280 | REMOVE PIPE SEWER (STORM) | 223 | LIN FT | \$5.30 | \$1,181.90 | 0 | \$0.00 | 223 | \$1,181.90 |
| 281 | REMOVE CASTING (STORM) | 2 | EACH | \$200.00 | \$400.00 | 0 | \$0.00 | 2 | \$400.00 |
| 282 | REMOVE BITUMINOUS PAVEMENT | 575 | SQ YD | \$3.50 | \$2,012.50 | 0 | \$0.00 | 1,335 | \$4,672.50 |
| 283 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) | 427 | LIN FT | \$2.50 | \$1,067.50 | 0 | \$0.00 | 427 | \$1,067.50 |
| 284 | SALVAGE CASTING (STORM) | 1 | EACH | \$200.00 | \$200.00 | 0 | \$0.00 | 1 | \$200.00 |
| 285 | SALVAGE SIGN | 3 | EACH | \$26.40 | \$79.20 | 0 | \$0.00 | 2 | \$52.80 |
| 286 | BITUMINOUS PATCH | 551 | SQ YD | \$22.25 | \$12,259.75 | 0 | \$0.00 | 1,000 | \$22,250.00 |
| 287 | SALVAGE & REINSTALL CHAIN LINK FENCE | 20 | LIN FT | \$47.50 | \$950.00 | 0 | \$0.00 | 30 | \$1,425.00 |
| 288 | FURNISH AND INSTAL NEW FENCE POSTS | 2 | EACH | \$47.50 | \$95.00 | 0 | \$0.00 | 2 | \$95.00 |
| 289 | CONSTRUCT DRAINAGE STRUCTURE DES 48-4020 | 12 | LIN FT | \$276.00 | \$3,299.88 | 0 | \$0.00 | 11.63 | \$3,209.88 |
| 290 | CONSTRUCT DRAINAGE STRUCTURE DES 72-4022 | 18 | LIN FT | \$456.00 | \$8,226.24 | 0 | \$0.00 | 16.94 | \$7,724.64 |
| 291 | FIELD CONSTRUCT DRAINAGE STRUCTURE | 2 | LIN FT | \$685.00 | \$1,575.50 | 0 | \$0.00 | 2.30 | \$1,575.50 |
| 292 | 18" RC PIPE SEWER DES 3006 CLASS III | 52 | LIN FT | \$39.00 | \$2,028.00 | 0 | \$0.00 | 52 | \$2,028.00 |
| 293 | 24" RC PIPE SEWER DES 3006 CLASS III | 59 | LIN FT | \$41.00 | \$2,419.00 | 0 | \$0.00 | 59 | \$2,419.00 |
| 294 | 12" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 49 | LIN FT | \$32.70 | \$1,602.30 | 0 | \$0.00 | 50 | \$1,635.00 |
| 295 | 15" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 56 | LIN FT | \$34.80 | \$1,948.80 | 0 | \$0.00 | 50 | \$1,740.00 |
| 296 | 30" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 233 | LIN FT | \$61.20 | \$14,259.60 | 0 | \$0.00 | 296 | \$18,115.20 |
| 297 | GRANULAR FOUNDATION MATERIAL | 20 | TON | \$53.00 | \$1,060.00 | 0 | \$0.00 | 20 | \$1,060.00 |
| 298 | CONNECT TO EXISTING STORM PIPE | 4 | EACH | \$791.00 | \$3,164.00 | 0 | \$0.00 | 4 | \$3,164.00 |
| 299 | CASTING ASSEMBLY (STORM) | 4 | EACH | \$775.00 | \$3,100.00 | 0 | \$0.00 | 3 | \$2,325.00 |
| 300 | CHIMNEY SEAL | 5 | EACH | \$200.00 | \$1,000.00 | 0 | \$0.00 | 0 | \$0.00 |
| 301 | INSTALL SALVAGED CASTING (STORM) | 1 | EACH | \$425.00 | \$425.00 | 0 | \$0.00 | 1 | \$425.00 |
| 302 | INSTALL SALVAGED SIGN | 3 | EACH | \$160.00 | \$480.00 | 0 | \$0.00 | 0 | \$0.00 |
| 303 | CONCRETE CURB & GUTTER DESIGN B612 | 302 | LIN FT | \$18.40 | \$5,556.80 | 0 | \$0.00 | 311 | \$5,722.40 |
| 304 | 4" SOLID LINE WHITE - PAINT | 694 | LIN FT | \$1.65 | \$1,145.10 | 274 | \$452.10 | 1,311 | \$2,163.15 |
| 305 | PAVT MSSG (HANDICAPPED SYMBOL) PAINT | 2 | EACH | \$54.00 | \$108.00 | 0 | \$0.00 | 2 | \$108.00 |
| 306 | STORM DRAIN INLET PROTECTION | 4 | EACH | \$125.00 | \$500.00 | 0 | \$0.00 | 3 | \$375.00 |
| 307 | EROSION CONTROL BLANKET CAT. 2, SEED MIX 25-131 | 550 | SQ YD | \$1.65 | \$907.50 | 0 | \$0.00 | 0 | \$0.00 |
| 308 | SILT FENCE, TYPE MACHINE SLICED | 334 | LIN FT | \$2.40 | \$801.60 | 0 | \$0.00 | 334 | \$801.60 |
| EW 04 | 21" RC PIPE SEWER DES 3006 CLASS III | 0 | LIN FT | \$32.70 | \$0.00 | 0 | \$0.00 | 47 | \$1,536.90 |
| SECTION 6: FIFTH STREET RAVINE | | | | | | | | | |
| 309 | CLEAR AND GRUB TREE | 10 | TREE | \$211.00 | \$2,110.00 | 0 | \$0.00 | 14 | \$2,954.00 |
| 310 | REMOVE BITUMINOUS PAVEMENT | 20 | SQ YD | \$20.00 | \$400.00 | 0 | \$0.00 | 91 | \$1,820.00 |
| 311 | REMOVE CONCRETE CURB & GUTTER | 20 | LIN FT | \$20.00 | \$400.00 | 0 | \$0.00 | 50 | \$1,000.00 |
| 312 | SITE GRADING | 1 | LUMP SUM | \$12,660.00 | \$12,660.00 | 0 | \$0.00 | 1 | \$12,660.00 |
| 313 | CONNECT TO EXISTING STORM PIPE | 1 | EACH | \$791.00 | \$791.00 | 0 | \$0.00 | 1 | \$791.00 |
| 314 | 21" RC PIPE SEWER DES 3006 CLASS III | 162 | LIN FT | \$32.70 | \$5,297.40 | 0 | \$0.00 | 0 | \$0.00 |
| 315 | 21" RC APRON W/ TRASHGUARD | 1 | EACH | \$1,600.00 | \$1,600.00 | 0 | \$0.00 | 0 | \$0.00 |
| 316 | CONSTRUCT DRAINAGE STRUCTURE DES 48-4020 | 4 | LIN FT | \$260.00 | \$1,133.60 | 0.00 | \$0.00 | 4.36 | \$1,133.60 |
| 317 | CONSTRUCT DRAINAGE STRUCTURE DES 84-4022 | 8 | LIN FT | \$560.00 | \$4,446.40 | 0.00 | \$0.00 | 7.94 | \$4,446.40 |
| 318 | CASTING ASSEMBLY (STORM) | 2 | EACH | \$775.00 | \$1,550.00 | 0 | \$0.00 | 2 | \$1,550.00 |
| 319 | CHIMNEY SEAL | 2 | EACH | \$200.00 | \$400.00 | 0 | \$0.00 | 2 | \$400.00 |
| 320 | CONNECT TO EXISTING SANITARY SEWER | 1 | EACH | \$265.00 | \$265.00 | 0 | \$0.00 | 2 | \$530.00 |
| 321 | 6" PVC PIPE SEWER SERVICE SDR-26 | 24 | LIN FT | \$53.00 | \$1,272.00 | 0 | \$0.00 | 76 | \$4,028.00 |
| 322 | 8"x6" PVC WYE | 1 | EACH | \$660.00 | \$660.00 | 0 | \$0.00 | 2 | \$1,320.00 |
| 323 | CLASS 5 AGGREGATE SURFACING (CV) | 55 | CU YD | \$41.80 | \$2,299.00 | 0 | \$0.00 | 50 | \$2,090.00 |
| 324 | BITUMINOUS PATCH | 20 | SQ YD | \$42.80 | \$856.00 | 0 | \$0.00 | 91 | \$3,894.80 |
| 325 | CONCRETE CURB & GUTTER DESIGN B618 | 20 | LIN FT | \$23.10 | \$462.00 | 0 | \$0.00 | 50 | \$1,155.00 |
| 326 | RIPRAP GRADE CONTROL STRUCTURE | 20 | CU YD | \$84.50 | \$1,690.00 | 0 | \$0.00 | 20 | \$1,690.00 |
| 327 | FILTER LOG TYPE STRAW BIOROLL 12" | 50 | LIN FT | \$1.65 | \$82.50 | 0 | \$0.00 | 50 | \$82.50 |
| 328 | STORM DRAIN INLET PROTECTION | 2 | EACH | \$125.00 | \$250.00 | 0 | \$0.00 | 2 | \$250.00 |
| 329 | TEMPORARY STABILIZATION | 1 | LUMP SUM | \$1,750.00 | \$1,750.00 | 0 | \$0.00 | 1 | \$1,750.00 |
| 330 | TURF REINFORCEMENT MAT (INC. SEED MIX 36-211) | 271 | SQ YD | \$16.00 | \$4,336.00 | 0 | \$0.00 | 271 | \$4,336.00 |
| 331 | ROCK CONSTRUCTION ENTRANCE | 35 | TON | \$18.00 | \$630.00 | 0 | \$0.00 | 35 | \$630.00 |
| 332 | SILT FENCE, TYPE MACHINE SLICED | 99 | LIN FT | \$5.30 | \$524.70 | 0 | \$0.00 | 90 | \$477.00 |

Application Number: 8

Application Date: 1/13/2016
Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | Original Plan Quantity | Unit of Measure | Bid Price | Contract Amount | Current Pay Application | | Total Quantity to Date | Total Amount Completed (B x E) |
|--|--|------------------------|-----------------|-------------|-----------------|-------------------------|----------------|------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 333 | TOPSOIL BORROW (LV) | 90 | CU YD | \$30.00 | \$2,700.00 | 0 | \$0.00 | 90 | \$2,700.00 |
| 334 | EROSION CONTROL BLANKET CAT. 3, SEED MIX 25-151 | 421 | SQ YD | \$1.65 | \$694.65 | 0 | \$0.00 | 421 | \$694.65 |
| 335 | EROSION CONTROL BLANKET CAT. 3, SEED MIX 36-211 | 1,376 | SQ YD | \$1.85 | \$2,545.60 | 0 | \$0.00 | 1,376 | \$2,545.60 |
| EW #2447 | FIFTH STREET MANHOLE | 1 | LS | \$1,980.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,980.00 |
| EW #2448 | 21" RC PIPE RELOCATION | 1 | LS | \$825.00 | \$0.00 | 0 | \$0.00 | 1 | \$825.00 |
| EW 01 | 24" RC PIPE SEWER DES 3006 CL III | 153 | LIN FT | \$47.50 | \$0.00 | 0 | \$0.00 | 153 | \$7,267.50 |
| EW 02 | 24" RC APRON W/ TRASHGUARD | 1 | EACH | \$1,585.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,585.00 |
| EW #3 | IMPORT CLAY DRIVEWAY | 1 | LS | \$2,750.00 | \$0.00 | 0 | \$0.00 | 1 | \$2,750.00 |
| EW #4 | EXPORT RAVINE MATERIAL | 1 | LS | \$22,770.00 | \$0.00 | 0 | \$0.00 | 1 | \$22,770.00 |
| SECTION 7: COUNTRY PONDS OUTLET | | | | | | | | | |
| 336 | REMOVE PIPE SEWER (STORM) | 297 | LIN FT | \$5.30 | \$1,574.10 | 0 | \$0.00 | 297 | \$1,574.10 |
| 337 | REMOVE 6" PERF PE PIPE DRAIN | 50 | LIN FT | \$37.00 | \$1,850.00 | 0 | \$0.00 | 105 | \$3,885.00 |
| 338 | REMOVE CONCRETE CURB & GUTTER | 47 | LIN FT | \$10.00 | \$470.00 | 0 | \$0.00 | 46 | \$460.00 |
| 339 | REMOVE BITUMINOUS PAVEMENT | 52 | SQ YD | \$5.00 | \$260.00 | 0 | \$0.00 | 45 | \$225.00 |
| 340 | 6" PERF PE PIPE DRAIN | 50 | LIN FT | \$11.10 | \$555.00 | 0 | \$0.00 | 130 | \$1,443.00 |
| 341 | 15" RC PIPE SEWER DES 3006 CL V | 297 | LIN FT | \$36.00 | \$10,692.00 | 0 | \$0.00 | 297 | \$10,692.00 |
| 342 | CONNECT TO EXISTING STORM STRUCTURE | 2 | EACH | \$685.00 | \$1,370.00 | 0 | \$0.00 | 2 | \$1,370.00 |
| 343 | GRANULAR FOUNDATION MATERIAL | 24 | TON | \$37.00 | \$888.00 | 0 | \$0.00 | 50 | \$1,842.60 |
| 344 | INFILTRATION MEDIA (CV) | 107 | CU YD | \$102.00 | \$10,914.00 | 0 | \$0.00 | 144 | \$14,688.00 |
| 345 | CONCRETE CURB & GUTTER DESIGN B612 | 47 | LIN FT | \$20.50 | \$963.50 | 0 | \$0.00 | 46 | \$943.00 |
| 346 | BITUMINOUS PATCH | 52 | SQ YD | \$42.80 | \$2,225.60 | 0 | \$0.00 | 45 | \$1,926.00 |
| 347 | TURF REINFORCEMENT MAT (INC. SEED MIX 36-25-131) | 26 | SQ YD | \$21.10 | \$548.60 | 0 | \$0.00 | 35.0 | \$738.50 |
| 348 | SILT FENCE, TYPE MACHINE SLICED | 201 | LIN FT | \$2.65 | \$532.65 | 41 | \$108.65 | 204 | \$540.60 |
| 349 | STORM DRAIN INLET PROTECTION | 1 | EACH | \$125.00 | \$125.00 | 0.0 | \$0.00 | 0.50 | \$62.50 |
| 350 | HYDROSEED W/SEED MIX 25-131 | 414 | SQ YD | \$2.11 | \$873.54 | 0 | \$0.00 | 697 | \$1,470.67 |
| EW 03 | EROSION CONTROL BLANKET CAT. 2, SEED MIX 25-131 | 252 | SQ YD | \$1.65 | \$0.00 | 0 | \$0.00 | 252 | \$415.80 |
| SECTION 8: OLD BEACH LANE TRAIL | | | | | | | | | |
| 351 | REMOVE BITUMINOUS DRIVEWAY PAVEMENT | 100 | SQ FT | \$5.00 | \$500.00 | 0 | \$0.00 | 95 | \$475.00 |
| 352 | REMOVE FENCE | 50 | LIN FT | \$8.50 | \$425.00 | 0 | \$0.00 | 0 | \$0.00 |
| 353 | REMOVE BOLLARDS | 4 | EACH | \$100.00 | \$400.00 | 0 | \$0.00 | 0 | \$0.00 |
| 354 | REMOVE SIGN | 4 | EACH | \$50.00 | \$200.00 | 0 | \$0.00 | 0 | \$0.00 |
| 355 | REMOVE WATERMAIN | 10 | LIN FT | \$5.30 | \$53.00 | 0 | \$0.00 | 0 | \$0.00 |
| 356 | SALVAGE RECLAIMED AGGREGATE (EV) | 650 | CU YD | \$6.50 | \$4,225.00 | 0 | \$0.00 | 810 | \$5,265.00 |
| 357 | RECLAIM BITUMINOUS PAVEMENT | 1,830 | SQ YD | \$3.00 | \$5,490.00 | 0 | \$0.00 | 1,747 | \$5,241.00 |
| 358 | 6" CONCRETE PEDESTRIAN RAMP | 60 | SQ FT | \$11.30 | \$678.00 | 0 | \$0.00 | 0 | \$0.00 |
| 359 | TRUNCATED DOMES | 16 | SQ FT | \$54.00 | \$864.00 | 0 | \$0.00 | 0 | \$0.00 |
| 360 | 3" TYPE SP 9.5 BITUMINOUS TRAIL PAVEMENT | 930 | SQ YD | \$24.50 | \$22,785.00 | 0 | \$0.00 | 921 | \$22,564.50 |
| 361 | BOLLARD | 2 | EACH | \$200.00 | \$400.00 | 0 | \$0.00 | 0 | \$0.00 |
| 362 | SAWCUT BITUMINOUS (FULL DEPTH) | 20 | LIN FT | \$5.00 | \$100.00 | 0 | \$0.00 | 20 | \$100.00 |
| 363 | EROSION CONTROL BLANKET WITH SEED MIX 25-131 | 2,700 | SQ YD | \$1.50 | \$4,050.00 | 0 | \$0.00 | 1,450 | \$2,175.00 |
| 364 | EROSION CONTROL BLANKET WITH SEED MIX 35-241 | 960 | SQ YD | \$1.85 | \$1,776.00 | 0 | \$0.00 | 640 | \$1,184.00 |
| 365 | TOPSOIL BORROW (LV) | 210 | CU YD | \$25.00 | \$5,250.00 | 0 | \$0.00 | 315 | \$7,875.00 |
| 366 | FILTER LOG TYPE STRAW BIOROLL 12" | 25 | LIN FT | \$6.30 | \$157.50 | 0 | \$0.00 | 40 | \$252.00 |
| 367 | SILT FENCE, TYPE MACHINE SLICED | 1,360 | LIN FT | \$2.00 | \$2,720.00 | 236 | \$472.00 | 1,179 | \$2,358.00 |
| 368 | 6" PVC WATERMAIN C900 DR18 | 6 | LIN FT | \$53.00 | \$318.00 | 0 | \$0.00 | 6 | \$318.00 |
| 369 | 8" PVC WATERMAIN C900 DR18 | 500 | LIN FT | \$26.40 | \$13,200.00 | 0 | \$0.00 | 500 | \$13,200.00 |
| 370 | 10" PVC WATERMAIN C900 DR18 | 150 | LIN FT | \$38.00 | \$5,700.00 | 0 | \$0.00 | 150 | \$5,700.00 |
| 371 | 6" GATE VALVE AND BOX | 6 | EACH | \$1,620.00 | \$9,720.00 | 0 | \$0.00 | 1 | \$1,620.00 |
| 372 | 8" GATE VALVE AND BOX | 4 | EACH | \$2,270.00 | \$9,080.00 | 0 | \$0.00 | 4 | \$9,080.00 |
| 373 | WATERMAIN FITTINGS | 510 | LB | \$8.50 | \$4,335.00 | 0 | \$0.00 | 510 | \$4,335.00 |
| 374 | HYDRANT | 1 | EACH | \$3,825.00 | \$3,825.00 | 0 | \$0.00 | 1 | \$3,825.00 |
| 375 | 4" POLYSTYRENE INSULATION | 10 | SQ YD | \$106.00 | \$1,060.00 | 0 | \$0.00 | 10 | \$1,060.00 |
| 376 | 17 LB ANODE | 3 | EACH | \$791.00 | \$2,373.00 | 0 | \$0.00 | 3 | \$2,373.00 |
| 377 | CONNECT TO EXISTING WATERMAIN | 2 | EACH | \$1,583.00 | \$3,166.00 | 0 | \$0.00 | 2 | \$3,166.00 |
| EW #218 | OLD BEACH LANE TRAIL GRADING | 1 | LS | \$1,848.00 | \$0.00 | 0 | \$0.00 | 1 | \$1,848.00 |
| SECTION 9: BENT CREEK PARK | | | | | | | | | |
| 378 | PLAY AREA CONCRETE CURB | 300 | LIN FT | \$30.00 | \$9,000.00 | 357 | \$10,710.00 | 357 | \$10,710.00 |
| 379 | COMMON EXCAVATION (EV) | 95 | CU YD | \$26.50 | \$2,517.50 | 0 | \$0.00 | 95 | \$2,517.50 |
| 380 | CONCRETE AMENITY PAD | 175 | SQ FT | \$7.30 | \$1,277.50 | 96 | \$700.80 | 96 | \$700.80 |
| 381 | 4" CONCRETE WALK | 1,550 | SQ FT | \$4.45 | \$6,897.50 | 1,338 | \$5,954.10 | 1,338 | \$5,954.10 |
| 382 | TOPSOIL BORROW (LV) | 38 | CU YD | \$35.00 | \$1,330.00 | 0 | \$0.00 | 120 | \$4,200.00 |
| 383 | SILT FENCE, TYPE MACHINE SLICED | 300 | LIN FT | \$2.40 | \$720.00 | 0 | \$0.00 | 0 | \$0.00 |
| SECTION 10: REITZ LAKE PARK | | | | | | | | | |
| 384 | CLEAR AND GRUB TREE | 12 | TREE | \$211.00 | \$2,532.00 | 0 | \$0.00 | 0 | \$0.00 |
| 385 | REMOVE PIPE SEWER (STORM) | 25 | LIN FT | \$10.60 | \$265.00 | 0 | \$0.00 | 25 | \$265.00 |
| 386 | 3" TYPE SP 9.5 BITUMINOUS TRAIL PAVEMENT | 1,600 | SQ YD | \$24.65 | \$39,440.00 | 0 | \$0.00 | 1,600 | \$39,440.00 |
| 387 | COMMON EXCAVATION (EV) | 225 | CU YD | \$26.40 | \$5,940.00 | 0 | \$0.00 | 450 | \$11,880.00 |
| 388 | COMMON BORROW (CV) | 1,200 | CU YD | \$10.15 | \$12,180.00 | 0 | \$0.00 | 1,200 | \$12,180.00 |
| 389 | INFILTRATION MEDIA (CV) | 15 | CU YD | \$140.00 | \$2,100.00 | 0 | \$0.00 | 22 | \$3,080.00 |
| 390 | 12" DUAL WALL HDPE W/ WATERTIGHT JOINTS | 104 | LIN FT | \$36.00 | \$3,744.00 | 12 | \$432.00 | 116 | \$4,176.00 |
| 391 | 12" HDPE APRON W/ TRASHGUARD | 6 | EACH | \$633.00 | \$3,798.00 | 0 | \$0.00 | 5 | \$3,165.00 |
| 392 | 6" PERFORATED PE DRAINTILE | 30 | LIN FT | \$38.00 | \$1,140.00 | 0 | \$0.00 | 30 | \$1,140.00 |
| 393 | 6" PERF PE PIPE DRAIN | 75 | LIN FT | \$11.00 | \$825.00 | 0 | \$0.00 | 75 | \$825.00 |

Application Number: 8

Application Date: 1/13/2016

Period to: 11/28/2015 - 12/31/2015

BMI Project Number: C12.108448

| Item No. | Description of Work | A Original Plan Quantity | Unit of Measure | B Bid Price | C Contract Amount | D Current Pay Application | | E Total Quantity to Date | Total Amount Completed (B x E) |
|----------------|--|--------------------------------|-----------------|----------------|----------------------|------------------------------|--------------------|-----------------------------|--------------------------------|
| | | | | | | Quantity | Amount (B x D) | | |
| 394 | 6" DRAINTILE CLEANOUT | 1 | EACH | \$265.00 | \$265.00 | 0 | \$0.00 | 1 | \$265.00 |
| 395 | MODULAR BLOCK RETAINING WALL | 150 | SQ FT | \$22.00 | \$3,300.00 | 0 | \$0.00 | 127 | \$2,794.00 |
| 396 | RANDOM RIPRAP CLASS III | 5 | CU YD | \$106.00 | \$530.00 | 0 | \$0.00 | 5 | \$530.00 |
| 397 | CONCRETE AMENITY PAD | 350 | SQ FT | \$7.00 | \$2,450.00 | 0 | \$0.00 | 350 | \$2,450.00 |
| 398 | WOOD RAIL FENCE | 700 | LIN FT | \$12.70 | \$8,890.00 | 0 | \$0.00 | 700 | \$8,890.00 |
| 399 | EROSION CONTROL BLANKET WITH SEED MIX 25-131 | 6,700 | SQ YD | \$1.50 | \$10,050.00 | 0 | \$0.00 | 0 | \$0.00 |
| 400 | FILTER LOG TYPE STRAW BIOROLL 12" | 50 | LIN FT | \$6.30 | \$315.00 | 0 | \$0.00 | 0 | \$0.00 |
| 401 | SILT FENCE, TYPE MACHINE SLICED | 1,700 | LIN FT | \$2.00 | \$3,400.00 | 285 | \$570.00 | 1,396 | \$2,792.00 |
| 402 | SILT FENCE, TYPE PREASSEMBLED | 30 | LIN FT | \$2.11 | \$63.30 | 0 | \$0.00 | 0 | \$0.00 |
| TOTALS: | | | | | | | \$86,784.21 | | \$3,110,496.71 |



REQUEST FOR CITY COUNCIL ACTION

| | | | | | | |
|--|---|---|-----------------|--|--------------------|--|
| Meeting Date: | January 19, 2016 | | | | | |
| Item Name: | Contractor Pay Request #4 – Clearwater Shores Project | | | | | |
| Originating Department: | Finance | | | | | |
| Presented by: | Nicole Lueck, Finance Director | | | | | |
| Previous Council Action (if any): | | | | | | |
| Item Type (X only one): | Consent | X | Regular Session | | Discussion Session | |

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Motion to approve Pay Estimate No. 4 to Sunram Construction for the Clearwater Shores Project

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

Staff has reviewed the contractor pay request for the Clearwater Shores Housing Improvement Area (HIA) Project and recommends payment of \$128,689.95 based on the attached request for payment. This payment represents approximately 45.2% of the total approved contract for the project.

FINANCIAL IMPLICATIONS:

Funding Sources & Uses: Clearwater Shores HIA Capital Project Fund (420)

Budget Information:

X Budgeted

Non Budgeted

Amendment Required

ADVISORY BOARD RECOMMENDATIONS:

Planning Commission
 Parks and Recreation Board
 Safari Island Advisory Board
 Other



BOLTON & MENK, INC.

Consulting Engineers & Surveyors

2638 Shadow Lane, Suite 200 • Chaska, MN 55318-1172

Phone (952) 448-8838 • Fax (952) 448-8805

www.bolton-menk.com

January 13, 2016

City of Waconia
Attn: Nicole Lueck
201 South Vine St.
Waconia, MN 55387

**Re: Clearwater Shores Project
Pay Request No. 4**

Dear Ms. Lueck:

Enclosed please find Pay Request No. 4 for work completed from 12/21/2015 to 1/11/2016 on the above referenced project. The work completed includes helical piling and retaining wall construction.

We have reviewed the estimate, verified the quantities, and recommend the City make payment in the amount of **\$128,689.95** to Sunram Construction. The project is estimated to be paid from the City funds at the following percentages:

- Street = 100%
- Sanitary Sewer = 0%
- Watermain = 0%
- Storm Sewer = 0%

Please contact me if you have any questions regarding this pay request.

Respectfully Submitted,
Bolton & Menk, Inc.

Jake Saulsbury, P.E.

cc: Craig Eldred, Public Services Director

Enclosure

Contractor: SUNRAM CONSTRUCTION
 Name of Project: CLEARWATER SHORES

Estimate Number: 4
 Application Date: 1/12/2016
 Pay Period: 12/21/15 - 1/11/16

% COMPLETED AFTER THIS ESTIMATE..... 45.2%

ORIGINAL CONTRACT AMOUNT \$ 613,989.00

CHANGE ORDERS:

| No. | Description | Additions | Deductions |
|-----|-------------|---------------|------------|
| 1 | Misc. | \$ 293,176.00 | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |

TOTAL ADDITIONS..... \$ 293,176.00
 SUB TOTALS..... \$ 613,989.00
 TOTAL DEDUCTIONS..... \$ -

CONTRACT AMOUNT TO DATE..... \$ 907,165.00

TOTAL COMPLETED TO DATE..... \$ 409,912.37
 MATERIALS STORED..... \$ -
 TOTAL COMPLETED AND STORED TO DATE..... \$ 409,912.37
 LESS 5% RETAINAGE..... \$ 20,495.62
 TOTAL EARNED LESS RETAINAGE..... \$ 389,416.75

LESS PREVIOUS PAYMENTS:

| | | | |
|-------------------|-----------------------------|----------------|--------------------|
| Est. No. <u>1</u> | Amount \$ <u>109,672.87</u> | Est. No. _____ | Amount \$ <u>-</u> |
| Est. No. <u>2</u> | Amount \$ <u>43,699.15</u> | Est. No. _____ | Amount \$ <u>-</u> |
| Est. No. <u>3</u> | Amount \$ <u>107,354.79</u> | Est. No. _____ | Amount \$ <u>-</u> |
| Est. No. _____ | Amount \$ <u>-</u> | Est. No. _____ | Amount \$ <u>-</u> |
| Est. No. _____ | Amount \$ <u>-</u> | Est. No. _____ | Amount \$ <u>-</u> |
| Est. No. _____ | Amount \$ <u>-</u> | Est. No. _____ | Amount \$ <u>-</u> |

Total Previous Payments \$ 260,726.80

AMOUNT DUE THIS ESTIMATE..... \$ 128,689.95

Payment requested by:
 Sunram Construction
 Contractor Representative
 By: [Signature]
 Date: 1/13/16

Approved and recommended for payment by:
 Bolton & Menk, Inc.
 Project Engineer
 By: [Signature], PE
 Date: 1/13/2016



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19, 2016 |
| Item Name: | Contractor Pay Request #7 - Trunk Highway 5 Corridor Improvements |
| Originating Department: | Finance |
| Presented by: | Nicole Lueck, Finance Director |

Previous Council Action (if any):

| | | | | | | |
|--------------------------------|---------|-------------------------------------|-----------------|--------------------------|--------------------|--------------------------|
| Item Type (X only one): | Consent | <input checked="" type="checkbox"/> | Regular Session | <input type="checkbox"/> | Discussion Session | <input type="checkbox"/> |
|--------------------------------|---------|-------------------------------------|-----------------|--------------------------|--------------------|--------------------------|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Motion to approve Pay Estimate No. 7 to Park Construction Company for the Trunk Highway 5 Corridor Improvement Project

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

Staff has reviewed the contractor pay request for the Trunk Highway 5 Improvement Project and recommends payment of \$247,600.28 based on the engineering request for payment. This payment represents approximately 81% of the total approved contract for the project and includes work completed through December 31, 2015.

FINANCIAL IMPLICATIONS:

Funding Sources & Uses: PIR Capital, Water, Sewer, and Storm Water Fund

Budget Information:

Budgeted

Non Budgeted

Amendment Required

ADVISORY BOARD RECOMMENDATIONS:

Planning Commission
 Parks and Recreation Board
 Safari Island Advisory Board
 Other



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Phone (952) 448-8838 • Fax (952) 448-8805

www.bolton-menk.com

January 12, 2016

City of Waconia
Attn: Nicole Lueck
201 South Vine Street
Waconia, MN 55387

RE: T.H. 5 Corridor Improvements (SP 1002-106, SAP 231-010-008, SAP 010-610-049, SAP 010-657-002, SAP 231-594-001)

Dear Ms. Lueck:

Enclosed is payment request No. 7 for work completed from 12/1/15 to 12/31/15 for the above referenced project. This request includes payment for roadway construction, utility construction, and other miscellaneous items.

This project is broken into six main funding groups. Below is a summary of the total for each group as well as the estimated percentage of work completed for each group:

| PAY APPLICATION NO. 7 | | | | | | |
|-----------------------|---------------------|--------|---------|----------|-----------|-------|
| Funding Group | Total Payment | Street | Storm | Sanitary | Watermain | Trail |
| TH 5 - STATE | \$149,562.49 | 41.7% | 57.9% | | | 0.4% |
| CSAH 10 | \$22,806.94 | 86.5% | 13.7% | | | -0.2% |
| CSAH 57 | | | | | | |
| TENTH ST. LRIP | \$54,545.57 | 8.4% | 91.6% | | | |
| TH 5 - CITY | \$1,356.91 | 4.2% | -260.8% | 434.5% | -77.9% | |
| TENTH ST. - CITY | \$19,328.37 | 0.1% | -3.5% | 22.7% | 80.7% | |
| TOTAL: | \$247,600.28 | | | | | |

We have reviewed the estimate, verified the quantities, and recommend payment to Park Construction Company located at 1481 81st Avenue NE, Minneapolis, MN 55432 in the amount of **\$247,600.28**. Please contact me if you have any questions regarding this pay request.

Respectfully Submitted,
Bolton & Menk, Inc.

Jake S. Saulsbury, P.E.

Enclosure

Cc: Craig Eldred, City of Waconia
Dan Lonnes, Bolton & Menk

Contractor: Park Construction Company Estimate Number: 7
 Name of Project: TH 5 CORRIDOR IMPROVEMENTS Application Date: 1/12/2016
 Pay Period: 12/1/15 - 12/31/15

% COMPLETED AFTER THIS ESTIMATE..... 81.0%

ORIGINAL CONTRACT AMOUNT \$ 9,804,518.75

CHANGE ORDERS:

| No. | Date Approved | Additions | Deductions |
|-----|---------------|-----------|------------|
| | | | \$ - |
| | | | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |
| | | \$ - | \$ - |

TOTAL ADDITIONS..... \$ -
 SUB TOTALS..... \$ 9,804,518.75
 TOTAL DEDUCTIONS..... \$ -

CONTRACT AMOUNT TO DATE..... \$ 9,804,518.75

TOTAL COMPLETED TO DATE..... \$ 7,940,409.78
 MATERIALS STORED..... \$ -
 TOTAL COMPLETED AND STORED TO DATE..... \$ 7,940,409.78
 LESS 5% RETAINAGE..... \$ 397,020.49
 TOTAL EARNED LESS RETAINAGE..... \$ 7,543,389.29

LESS PREVIOUS PAYMENTS:

| | | | |
|-------------------|------------------------------|----------------|--------------------|
| Est. No. <u>1</u> | Amount <u>\$1,111,660.58</u> | Est. No. _____ | Amount _____ |
| Est. No. <u>2</u> | Amount <u>\$1,382,204.82</u> | Est. No. _____ | Amount <u>\$ -</u> |
| Est. No. <u>3</u> | Amount <u>\$ 919,380.07</u> | Est. No. _____ | Amount <u>\$ -</u> |
| Est. No. <u>4</u> | Amount <u>\$1,397,240.86</u> | Est. No. _____ | Amount <u>\$ -</u> |
| Est. No. <u>5</u> | Amount <u>\$1,467,855.47</u> | Est. No. _____ | Amount <u>\$ -</u> |
| Est. No. <u>6</u> | Amount <u>\$1,017,447.21</u> | Est. No. _____ | Amount <u>\$ -</u> |

Total Estimates \$ 7,295,789.01

AMOUNT DUE THIS ESTIMATE..... \$ 247,600.28

Payment requested by:
 Park Construction Company
 Contractor Representative

By: 
 Date: 1/12/16

Approved and recommended for payment by:
 Bolton & Menk, Inc.
 Project Engineer

By: 
 Date: 1/12/2016

Partial Pay Estimate No.:

7

TH 5 CORRIDOR IMPROVEMENTS

SP 1002-106; SAP 231-010-008; SAP 010-610-049; SAP 010-657-002 & SAP 231-594-001

CITY OF WACONIA, MN

BMI PROJECT NO. C12.106251

WORK COMPLETED THROUGH DECEMBER 31, 2015

| ITEM NO. | ITEM | UNIT PRICE | ORIGINAL CONTRACT | | CURRENT ESTIMATE | | COMPLETED TO DATE | |
|----------|---|--------------|--------------------|-----------------------|--------------------|--------------------|--------------------|-----------------------|
| | | | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT |
| 1 | MOBILIZATION | \$511,200.00 | 1 | LUMP SUM \$511,200.00 | | LUMP SUM | 0.96 | LUMP SUM \$490,752.00 |
| 2 | FIELD OFFICE TYPE D | \$20,700.00 | 1 | EACH \$20,700.00 | | EACH | 0.96 | EACH \$19,872.00 |
| 3 | CLEARING | \$4,000.00 | 3 | ACRE \$12,000.00 | | ACRE | 3.00 | ACRE \$12,000.00 |
| 4 | CLEARING | \$100.00 | 45 | TREE \$4,500.00 | | TREE | 34.00 | TREE \$3,400.00 |
| 5 | GRUBBING | \$3,000.00 | 3 | ACRE \$9,000.00 | | ACRE | 3.00 | ACRE \$9,000.00 |
| 6 | GRUBBING | \$100.00 | 45 | TREE \$4,500.00 | | TREE | 34.00 | TREE \$3,400.00 |
| 7 | PAVEMENT MARKING REMOVAL | \$1.95 | 189 | SO FT \$368.55 | | SO FT | | SO FT |
| 8 | PAVEMENT MARKING REMOVAL | \$0.65 | 7100 | LIN FT \$4,615.00 | | LIN FT | 587.00 | LIN FT \$381.55 |
| 9 | REMOVE WATER MAIN | \$17.80 | 1624 | LIN FT \$28,907.20 | | LIN FT | 422.00 | LIN FT \$7,511.60 |
| 10 | REMOVE SEWER PIPE (STORM) | \$19.00 | 2146 | LIN FT \$40,774.00 | 220.00 | LIN FT \$4,180.00 | 1,390.00 | LIN FT \$26,410.00 |
| 11 | REMOVE SEWER PIPE (SANITARY) | \$22.20 | 188 | LIN FT \$4,173.60 | 179.00 | LIN FT \$3,973.80 | 194.00 | LIN FT \$4,306.80 |
| 12 | REMOVE CURB & GUTTER | \$4.40 | 7376 | LIN FT \$32,454.40 | 1,086.00 | LIN FT \$4,778.40 | 6,192.00 | LIN FT \$27,244.80 |
| 13 | REMOVE FENCE | \$5.00 | 150 | LIN FT \$750.00 | | LIN FT | | LIN FT |
| 14 | REMOVE GUARDRAIL-PLATE BEAM | \$3.65 | 325 | LIN FT \$1,186.25 | | LIN FT | 325.00 | LIN FT \$1,186.25 |
| 15 | REMOVE FORCE MAIN | \$15.10 | 883 | LIN FT \$13,333.30 | | LIN FT | 176.00 | LIN FT \$2,657.60 |
| 16 | REMOVE RETAINING WALL | \$2.65 | 1246 | SO FT \$3,301.90 | | SO FT | 1,151.00 | SO FT \$3,050.15 |
| 17 | REMOVE BITUMINOUS WALK | \$0.98 | 12198 | SO FT \$11,954.04 | 4,208.00 | SO FT \$4,123.84 | 10,034.00 | SO FT \$9,833.32 |
| 18 | REMOVE CONCRETE WALK | \$0.48 | 32788 | SO FT \$15,738.24 | -99.00 | SO FT -\$47.52 | 25,804.05 | SO FT \$12,289.94 |
| 19 | REMOVE BITUMINOUS PAVEMENT | \$2.90 | 27851 | SQ YD \$80,767.90 | -3,147.55 | SQ YD -\$9,127.90 | 16,336.34 | SQ YD \$47,375.39 |
| 20 | REMOVE CONCRETE BOX CULVERT END SECTION | \$2,550.00 | 1 | EACH \$2,550.00 | | EACH | 1.00 | EACH \$2,550.00 |
| 21 | REMOVE PIPE APRON | \$317.00 | 43 | EACH \$13,631.00 | 11.00 | EACH \$3,487.00 | 26.00 | EACH \$8,242.00 |
| 22 | REMOVE CONCRETE HEADWALL | \$4,630.00 | 1 | EACH \$4,630.00 | | EACH | 1.00 | EACH \$4,630.00 |
| 23 | REMOVE CASTING | \$212.00 | 3 | EACH \$636.00 | 3.00 | EACH \$636.00 | 6.00 | EACH \$1,272.00 |
| 24 | REMOVE HYDRANT | \$458.00 | 2 | EACH \$916.00 | 1.00 | EACH \$458.00 | 2.00 | EACH \$916.00 |
| 25 | REMOVE DRAINAGE STRUCTURE | \$384.00 | 27 | EACH \$10,368.00 | 2.00 | EACH \$768.00 | 11.00 | EACH \$4,224.00 |
| 26 | REMOVE MARKER | \$25.00 | 35 | EACH \$875.00 | 11.00 | EACH \$275.00 | 32.00 | EACH \$800.00 |
| 27 | REMOVE SIGN TYPE C | \$25.00 | 122 | EACH \$3,050.00 | 46.00 | EACH \$1,150.00 | 103.00 | EACH \$2,575.00 |
| 28 | REMOVE SIGN TYPE D | \$50.00 | 10 | EACH \$500.00 | | EACH | 1.00 | EACH \$50.00 |
| 29 | REMOVE SIGN TYPE SPECIAL | \$25.00 | 4 | EACH \$100.00 | 4.00 | EACH \$100.00 | 4.00 | EACH \$100.00 |
| 30 | REMOVE ECCENTRIC LOADER BCT | \$468.00 | 2 | EACH \$936.00 | | EACH | 2.00 | EACH \$936.00 |
| 31 | REMOVE ENERGY ABSORBING TERMINAL | \$468.00 | 2 | EACH \$936.00 | | EACH | 2.00 | EACH \$936.00 |
| 32 | SAWING BIT PAVEMENT (FULL DEPTH) | \$1.50 | 18909 | LIN FT \$28,363.50 | | LIN FT | 6,468.40 | LIN FT \$9,702.60 |
| 33 | SALVAGE PIPE SEWER | \$25.20 | 245 | LIN FT \$6,174.00 | | LIN FT | 256.00 | LIN FT \$6,451.20 |
| 34 | SALVAGE CASTING | \$153.00 | 4 | EACH \$612.00 | | EACH | | EACH |
| 35 | SALVAGE PIPE APRON | \$301.00 | 6 | EACH \$1,806.00 | 3.00 | EACH \$903.00 | 5.00 | EACH \$1,505.00 |
| 36 | SALVAGE SIGN | \$25.00 | 1 | EACH \$25.00 | | EACH | 1.00 | EACH \$25.00 |
| 37 | SALVAGE SIGN TYPE C | \$25.00 | 11 | EACH \$275.00 | 4.00 | EACH \$100.00 | 8.00 | EACH \$200.00 |
| 38 | SALVAGE SIGN TYPE SPECIAL | \$15.00 | 12 | EACH \$180.00 | 10.00 | EACH \$150.00 | 10.00 | EACH \$150.00 |
| 39 | ABANDON CATCH BASIN OR MANHOLE | \$1,730.00 | 2 | EACH \$3,460.00 | | EACH | | EACH |
| 40 | ABANDON WATER MAIN | \$8.85 | 90 | LIN FT \$796.50 | | LIN FT | | LIN FT |
| 41 | SALVAGE CONCRETE BLOCK RETAINING WALL | \$9.10 | 22 | SQ FT \$200.20 | | SQ FT | 18.85 | SQ FT \$171.54 |
| 42 | SALVAGE STONE RETAINING WALL | \$12.10 | 90 | SQ FT \$1,089.00 | | SQ FT | 90.00 | SQ FT \$1,089.00 |
| 43 | COMMON EXCAVATION | \$11.90 | 64376 | CU YD \$766,074.40 | | CU YD | 61,586.00 | CU YD \$732,873.40 |
| 44 | MUCK EXCAVATION | \$15.60 | 4470 | CU YD \$69,732.00 | | CU YD | 2,000.00 | CU YD \$31,200.00 |
| 45 | SUBGRADE EXCAVATION | \$12.40 | 1550 | CU YD \$19,220.00 | 37.72 | CU YD \$467.73 | 6,789.66 | CU YD \$84,191.78 |
| 46 | COMMON BORROW (CV) | \$18.90 | 894 | CU YD \$16,896.60 | | CU YD | | CU YD |
| 47 | SALVAGED AGGREGATE (CV) | \$28.50 | 7959 | CU YD \$226,831.50 | | CU YD | 2,382.75 | CU YD \$67,908.38 |
| 48 | STABILIZING AGGREGATE | \$32.80 | | TON | | TON | 55.28 | TON \$1,813.18 |
| 49 | SETTLEMENT PLATES | \$1,720.00 | 1 | EACH \$1,720.00 | | EACH | | EACH |
| 50 | GEOTEXTILE FABRIC TYPE V | \$1.60 | 19491 | SO YD \$31,185.60 | | SO YD | 6,776.90 | SO YD \$10,843.04 |
| 51 | SELECT GRANULAR BORROW | \$31.40 | 1459 | TON \$45,812.60 | | TON | 2,610.00 | TON \$81,954.00 |
| 52 | AGGREGATE SURFACING CLASS 2 | \$38.10 | 437 | TON \$16,649.70 | | TON | 94.72 | TON \$3,608.83 |
| 53 | CRAWLER MOUNTED BACKHOE | \$165.00 | 32 | HOUR \$5,280.00 | | HOUR | 16.25 | HOUR \$2,681.25 |
| 54 | STREET SWEEPER (WITH PICKUP BROOM) | \$132.00 | 300 | HOUR \$39,600.00 | -116.25 | HOUR -\$15,345.00 | 229.00 | HOUR \$30,228.00 |
| 55 | AGGREGATE BASE CLASS 5 | \$20.75 | 18265 | TON \$378,998.75 | -133.22 | TON -\$2,764.32 | 35,494.31 | TON \$736,506.93 |
| 56 | BITUMINOUS PATCH SPECIAL | \$53.00 | 1355 | SO YD \$81,355.00 | | SO YD | 1,252.66 | SO YD \$66,390.98 |
| 57 | MILL BITUMINOUS SURFACE (2 0") | \$1.90 | 33180 | SO YD \$63,042.00 | | SO YD | 21,909.41 | SO YD \$41,627.88 |
| 58 | DRILL & GROUT REINF BAR (EPOXY COATED) | \$17.50 | 625 | EACH \$1,093.75 | 76.00 | EACH \$1,330.00 | 92.00 | EACH \$1,610.00 |
| 59 | TYPE SP 12.5 WEARING COURSE MIX (3.C) | \$69.00 | 13076 | TON \$902,244.00 | 261.80 | TON \$18,064.20 | 8,267.93 | TON \$570,487.17 |
| 60 | TYPE SP 12.5 NON WEAR COURSE MIX (3.B) | \$59.50 | 10467 | TON \$622,786.50 | 747.44 | TON \$44,472.68 | 8,402.12 | TON \$499,926.14 |
| 61 | STRUCTURAL CONCRETE (3Y43) | \$950.00 | 7 | CU YD \$6,650.00 | | CU YD | 7.00 | CU YD \$6,650.00 |
| 62 | REINFORCEMENT BARS (EPOXY COATED) | \$2.50 | 400 | POUND \$1,000.00 | | POUND | 319.00 | POUND \$797.50 |
| 63 | PREFABRICATED MODULAR BLOCK WALL | \$51.80 | 4510 | SO FT \$233,618.00 | 303.67 | SO FT \$15,730.11 | 2,968.45 | SO FT \$153,765.71 |
| 64 | INSTALL CONCRETE BLOCK RETAINING WALL | \$9.10 | 22 | SO FT \$200.20 | | SO FT | | SO FT |
| 65 | 8X8 PRECAST CONCRETE BOX CULVERT | \$1,580.00 | 28 | LIN FT \$44,240.00 | | LIN FT | 28.00 | LIN FT \$44,240.00 |
| 66 | 12X8 PRECAST CONCRETE BOX CULVERT | \$1,350.00 | 88 | LIN FT \$118,800.00 | | LIN FT | 88.00 | LIN FT \$118,800.00 |
| 67 | 8X8 PRECAST CONCRETE BOX CULV END SECT | \$33,500.00 | 2 | EACH \$67,000.00 | | EACH | 2.00 | EACH \$67,000.00 |
| 68 | 12X8 PRECAST CONCRETE BOX CULV END SECT | \$14,200.00 | 2 | EACH \$28,400.00 | | EACH | 2.00 | EACH \$28,400.00 |
| 69 | GRANULAR BEDDING (CV) | \$86.00 | 169 | CU YD \$14,534.00 | | CU YD | 169.00 | CU YD \$14,534.00 |
| 70 | AGGREGATE BEDDING (CV) | \$127.00 | 90 | CU YD \$11,430.00 | | CU YD | 89.00 | CU YD \$11,303.00 |
| 71 | 12" RC PIPE APRON | \$549.00 | 8 | EACH \$4,392.00 | 2.00 | EACH \$1,098.00 | 7.00 | EACH \$3,843.00 |
| 72 | 18" RC PIPE APRON | \$591.00 | 3 | EACH \$1,773.00 | | EACH | 2.00 | EACH \$1,182.00 |
| 73 | 24" RC PIPE APRON | \$639.00 | 5 | EACH \$3,195.00 | | EACH | 4.00 | EACH \$2,556.00 |
| 74 | 27" RC PIPE APRON | \$684.00 | 1 | EACH \$684.00 | | EACH | 1.00 | EACH \$684.00 |
| 75 | 78" RC PIPE APRON | \$2,390.00 | 2 | EACH \$4,780.00 | | EACH | 2.00 | EACH \$4,780.00 |
| 76 | 18" RC SAFETY APRON | \$638.00 | 1 | EACH \$638.00 | | EACH | 1.00 | EACH \$638.00 |
| 77 | INSTALL PIPE APRON | \$559.00 | 6 | EACH \$3,354.00 | 1.00 | EACH \$559.00 | 3.00 | EACH \$1,677.00 |
| 78 | TRASH GUARD FOR 12" PIPE APRON | \$186.00 | 8 | EACH \$1,488.00 | 4.00 | EACH \$744.00 | 7.00 | EACH \$1,302.00 |
| 79 | TRASH GUARD FOR 18" PIPE APRON | \$227.00 | 3 | EACH \$681.00 | | EACH | 2.00 | EACH \$454.00 |
| 80 | TRASH GUARD FOR 24" PIPE APRON | \$326.00 | 5 | EACH \$1,630.00 | 1.00 | EACH \$326.00 | 4.00 | EACH \$1,304.00 |
| 81 | TRASH GUARD FOR 27" PIPE APRON | \$351.00 | 1 | EACH \$351.00 | | EACH | 1.00 | EACH \$351.00 |
| 82 | 6" TP PIPE DRAIN | \$28.70 | 103 | LIN FT \$2,956.10 | | LIN FT | | LIN FT |
| 83 | 4" PERF TP PIPE DRAIN | \$13.70 | 1825 | LIN FT \$25,002.50 | | LIN FT | 783.00 | LIN FT \$10,727.10 |
| 84 | 6" PERF TP PIPE DRAIN | \$37.10 | 931 | LIN FT \$34,540.10 | | LIN FT | | LIN FT |
| 85 | 4" PVC PIPE DRAIN CLEANOUT | \$89.20 | 7 | EACH \$624.40 | | EACH | 2.00 | EACH \$178.40 |
| 86 | 6" PVC PIPE DRAIN CLEANOUT | \$141.00 | 5 | EACH \$705.00 | | EACH | | EACH |
| 87 | 8" PVC PIPE SEWER | \$50.40 | 1389 | LIN FT \$70,005.60 | -88.00 | LIN FT -\$4,435.20 | 1,250.10 | LIN FT \$63,005.04 |
| 88 | 10" PVC PIPE SEWER | \$133.00 | 298 | LIN FT \$39,634.00 | | LIN FT | 298.00 | LIN FT \$39,634.00 |
| 89 | 8" DUCTILE IRON PIPE SEWER CL 52 | \$77.00 | 135 | LIN FT \$10,395.00 | | LIN FT | 20.00 | LIN FT \$1,540.00 |
| 90 | 12" RC PIPE SEWER DES 3006 CL V | \$34.10 | 3283 | LIN FT \$111,950.30 | 294.00 | LIN FT \$10,025.40 | 2,948.75 | LIN FT \$100,552.38 |
| 91 | 15" RC PIPE SEWER DES 3006 CL V | \$35.50 | 1875 | LIN FT \$66,562.50 | | LIN FT | 1,699.45 | LIN FT \$60,330.48 |
| 92 | 18" RC PIPE SEWER DES 3006 CL V | \$37.80 | 1406 | LIN FT \$53,146.80 | -29.00 | LIN FT -\$1,096.20 | 1,319.70 | LIN FT \$49,884.66 |
| 93 | 21" RC PIPE SEWER DES 3006 CL V | \$41.50 | 31 | LIN FT \$1,286.50 | | LIN FT | | LIN FT |
| 94 | 24" RC PIPE SEWER DES 3006 CL III | \$43.10 | 1651 | LIN FT \$71,158.10 | 461.00 | LIN FT \$19,869.10 | 1,739.90 | LIN FT \$74,989.69 |
| 95 | 27" RC PIPE SEWER DES 3006 CL III | \$54.30 | 56 | LIN FT \$3,040.80 | | LIN FT | 53.50 | LIN FT \$2,905.05 |
| 96 | 30" RC PIPE SEWER DES 3006 CL III | \$59.70 | 829 | LIN FT \$49,491.30 | 428.20 | LIN FT \$25,563.54 | 901.20 | LIN FT \$53,801.64 |
| 97 | 36" RC PIPE SEWER DES 3006 CL III | \$74.20 | 921 | LIN FT \$68,338.20 | 58.00 | LIN FT \$4,303.60 | 736.00 | LIN FT \$54,611.20 |
| 98 | 42" RC PIPE SEWER DES 3006 CL III | \$124.00 | 867 | LIN FT \$107,508.00 | | LIN FT | 731.80 | LIN FT \$90,743.20 |
| 99 | 48" RC PIPE SEWER DES 3006 CL III | \$139.00 | 104 | LIN FT \$14,456.00 | | LIN FT | 41.00 | LIN FT \$5,699.00 |
| 100 | 78" RC PIPE SEWER DES 3006 CL III | \$306.00 | 86 | LIN FT \$26,316.00 | | LIN FT | 86.00 | LIN FT \$26,316.00 |
| 101 | INSTALL PIPE SEWER | \$50.90 | 245 | LIN FT \$12,470.50 | 7.00 | LIN FT \$356.30 | 263.00 | LIN FT \$13,386.70 |
| 102 | CONNECT TO EXISTING SANITARY SEWER | \$2,310.00 | 9 | EACH \$20,790.00 | 2.00 | EACH \$4,620.00 | 9.00 | EACH \$20,790.00 |
| 103 | CONNECT TO EXISTING SANITARY SEWER SER | \$1,350.00 | 2 | EACH \$2,700.00 | | EACH | 3.00 | EACH \$4,050.00 |
| 104 | 8"X6" PVC WYE | \$362.00 | 5 | EACH \$1,810.00 | | EACH | 7.00 | EACH \$2,534.00 |
| 105 | 10"X6" PVC WYE | \$524.00 | 3 | EACH \$1,572.00 | | EACH | 2.00 | EACH \$1,048.00 |

Partial Pay Estimate No.:

7

TH 5 CORRIDOR IMPROVEMENTS

SP 1002-106; SAP 231-010-008; SAP 010-610-049; SAP 010-657-002 & SAP 231-594-001

CITY OF WACONIA, MN

BMI PROJECT NO. C12.106251

WORK COMPLETED THROUGH DECEMBER 31, 2015

| ITEM NO. | ITEM | UNIT PRICE | ORIGINAL CONTRACT | | CURRENT ESTIMATE | | COMPLETED TO DATE | | | |
|----------|---|--------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|----------|--------------|
| | | | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT | | |
| 106 | PLUG FILL & ABANDON PIPE SEWER | \$17.80 | 1216 | LIN FT | \$21,644.80 | | | 764.00 | LIN FT | \$13,599.20 |
| 107 | 8" OUTSIDE DROP | \$605.00 | 34 | LIN FT | \$20,570.00 | | | 6.06 | LIN FT | \$3,666.30 |
| 108 | 6" PVC SANITARY SERVICE PIPE | \$58.30 | 491 | LIN FT | \$28,625.30 | | | 377.50 | LIN FT | \$22,008.25 |
| 109 | WATERMAIN OFFSET | \$10,600.00 | 2 | EACH | \$21,200.00 | | | 2.00 | EACH | \$21,200.00 |
| 110 | CONNECT TO EXISTING WATER MAIN | \$1,570.00 | 8 | EACH | \$12,560.00 | -1.00 | -\$1,570.00 | 9.00 | EACH | \$14,130.00 |
| 111 | CONNECT TO EXISTING WATER SERVICE | \$669.00 | 1 | EACH | \$669.00 | | | | EACH | |
| 112 | HYDRANT | \$4,470.00 | 6 | EACH | \$26,820.00 | 1.00 | \$4,470.00 | 7.00 | EACH | \$31,290.00 |
| 113 | RELOCATE HYDRANT & VALVE | \$4,360.00 | 6 | EACH | \$26,160.00 | | | 5.00 | EACH | \$21,800.00 |
| 114 | ADJUST HYDRANT & GATE VALVE | \$1,180.00 | 3 | EACH | \$3,540.00 | | | 1.00 | EACH | \$1,180.00 |
| 115 | ADJUST VALVE BOX | \$395.00 | 21 | EACH | \$8,295.00 | | | 1.00 | EACH | \$395.00 |
| 116 | 1" CORPORATION STOP | \$731.00 | 1 | EACH | \$731.00 | | | | EACH | |
| 117 | 16" BUTTERFLY VALVE | \$4,200.00 | 1 | EACH | \$4,200.00 | | | 1.00 | EACH | \$4,200.00 |
| 118 | 24" BUTTERFLY VALVE | \$7,330.00 | 4 | EACH | \$29,320.00 | | | 4.00 | EACH | \$29,320.00 |
| 119 | 6" GATE VALVE & BOX | \$1,820.00 | 20 | EACH | \$36,400.00 | | | 18.00 | EACH | \$32,760.00 |
| 120 | 10" GATE VALVE & BOX | \$3,290.00 | 5 | EACH | \$16,450.00 | | | 5.00 | EACH | \$16,450.00 |
| 121 | 6"x6" WET TAP | \$3,880.00 | 1 | EACH | \$3,880.00 | | | 1.00 | EACH | \$3,880.00 |
| 122 | 10"x6" WET TAP | \$3,990.00 | 1 | EACH | \$3,990.00 | | | 1.00 | EACH | \$3,990.00 |
| 123 | 16"x6" WET TAP | \$4,160.00 | 3 | EACH | \$12,480.00 | 2.00 | \$8,320.00 | 2.00 | EACH | \$8,320.00 |
| 124 | 10x10" WET TAP | \$5,640.00 | 1 | EACH | \$5,640.00 | | | 1.00 | EACH | \$5,640.00 |
| 125 | HYDRANT RISER | \$562.00 | 4 | LIN FT | \$2,248.00 | | | | LIN FT | |
| 126 | 1" TYPE K COPPER PIPE | \$51.50 | 27 | LIN FT | \$1,390.50 | -5.65 | -\$290.98 | | LIN FT | |
| 127 | 6" WATERMAIN DUCTILE IRON CL 52 | \$54.70 | 332 | LIN FT | \$18,160.40 | 16.65 | \$910.76 | 255.65 | LIN FT | \$13,984.06 |
| 128 | 6" PVC WATERMAIN | \$34.40 | 1448 | LIN FT | \$49,811.20 | -142.50 | -\$4,902.00 | 689.70 | LIN FT | \$23,725.68 |
| 129 | 8" PVC WATERMAIN | \$38.60 | 178 | LIN FT | \$6,870.80 | -80.00 | -\$3,088.00 | 133.50 | LIN FT | \$5,153.10 |
| 130 | 10" PVC WATERMAIN | \$47.40 | 870 | LIN FT | \$41,238.00 | | | 850.80 | LIN FT | \$40,318.44 |
| 131 | 12" PVC WATERMAIN | \$91.60 | 12 | LIN FT | \$1,099.20 | | | 18.85 | LIN FT | \$1,708.34 |
| 132 | 16" PVC WATERMAIN | \$225.00 | 6 | LIN FT | \$1,350.00 | | | 11.50 | LIN FT | \$2,587.50 |
| 133 | 24" PVC WATERMAIN | \$110.00 | 1160 | LIN FT | \$127,600.00 | 100.00 | \$11,000.00 | 1,128.40 | LIN FT | \$124,124.00 |
| 134 | 18" STEEL CASING PIPE (JACKED) | \$413.00 | 120 | LIN FT | \$49,560.00 | | | 120.00 | LIN FT | \$49,560.00 |
| 135 | 36" STEEL CASING PIPE | \$408.00 | 85 | LIN FT | \$34,680.00 | | | 85.00 | LIN FT | \$34,680.00 |
| 136 | 4" POLYSTYRENE INSULATION | \$44.80 | 53 | SO YD | \$2,374.40 | | | 30.00 | SO YD | \$1,344.00 |
| 137 | DUCTILE IRON FITTINGS | \$13.00 | 11709 | POUND | \$152,217.00 | | | 9,394.00 | POUND | \$122,122.00 |
| 138 | CONST DRAINAGE STRUCTURE DESIGN G | \$391.00 | 87 | LIN FT | \$34,017.00 | 13.70 | \$5,356.70 | 63.95 | LIN FT | \$25,004.45 |
| 139 | CONST DRAINAGE STRUCTURE DESIGN SPECIAL | \$317.00 | 20 | LIN FT | \$6,340.00 | | | 9.13 | LIN FT | \$2,894.21 |
| 140 | CONST DRAINAGE STRUCTURE DESIGN SPEC 1 | \$186.00 | 124 | LIN FT | \$23,064.00 | | | 86.86 | LIN FT | \$16,155.96 |
| 141 | CONST DRAINAGE STRUCTURE DESIGN SPEC 2 | \$287.00 | 82 | LIN FT | \$23,534.00 | | | 28.28 | LIN FT | \$8,116.36 |
| 142 | CONST DRAINAGE STRUCTURE DES 48-4020 | \$322.00 | 325 | LIN FT | \$104,650.00 | 76.69 | \$24,694.18 | 272.65 | LIN FT | \$87,793.30 |
| 143 | CONST DRAINAGE STRUCTURE DES 54-4020 | \$400.00 | 45 | LIN FT | \$18,000.00 | 13.45 | \$5,380.00 | 38.28 | LIN FT | \$15,312.00 |
| 144 | CONST DRAINAGE STRUCTURE DES 60-4020 | \$530.00 | 63 | LIN FT | \$33,390.00 | 23.99 | \$12,714.70 | 70.38 | LIN FT | \$37,301.40 |
| 145 | CONST DRAINAGE STRUCTURE DES 66-4020 | \$465.00 | 29 | LIN FT | \$13,485.00 | 5.45 | \$2,534.25 | 18.46 | LIN FT | \$8,583.90 |
| 146 | CONST DRAINAGE STRUCTURE DES 72-4020 | \$496.00 | 15 | LIN FT | \$7,440.00 | 15.08 | \$7,479.68 | 30.81 | LIN FT | \$15,281.76 |
| 147 | CONST DRAINAGE STRUCTURE DES 102-4020 | \$966.00 | 21 | LIN FT | \$20,286.00 | | | | LIN FT | |
| 148 | CONST DRAINAGE STRUCTURE DES 108-4020 | \$1,550.00 | 6 | LIN FT | \$9,300.00 | | | 3.30 | LIN FT | \$5,115.00 |
| 149 | CONST DRAINAGE STRUCTURE DES 120-4020 | \$1,540.00 | 8 | LIN FT | \$12,320.00 | | | 6.86 | LIN FT | \$10,564.40 |
| 150 | CONST DRAINAGE STRUCTURE DESIGN SPEC 3 | \$2,970.00 | 3 | EACH | \$8,910.00 | 1.00 | \$2,970.00 | 2.00 | EACH | \$5,940.00 |
| 151 | CASTING ASSEMBLY | \$707.00 | 131 | EACH | \$92,617.00 | 21.00 | \$14,847.00 | 90.00 | EACH | \$63,630.00 |
| 152 | INSTALL CASTING | \$542.00 | 4 | EACH | \$2,168.00 | 1.00 | \$542.00 | 1.00 | EACH | \$542.00 |
| 153 | ADJUST FRAME & RING CASTING | \$519.00 | 11 | EACH | \$5,709.00 | 3.00 | \$1,557.00 | 9.00 | EACH | \$4,671.00 |
| 154 | RECONSTRUCT DRAINAGE STRUCTURE | \$1,600.00 | 12 | EACH | \$19,200.00 | | | 4.00 | EACH | \$6,400.00 |
| 155 | CONNECT INTO EXISTING STORM SEWER | \$1,230.00 | 19 | EACH | \$23,370.00 | -3.00 | -\$3,690.00 | 15.00 | EACH | \$18,450.00 |
| 156 | CONNECT TO EXISTING STRUCTURE | \$1,230.00 | 12 | EACH | \$14,760.00 | | | 5.00 | EACH | \$6,150.00 |
| 157 | RANDOM RIPRAP CLASS III | \$97.10 | 108 | CU YD | \$10,486.80 | | | 124.35 | CU YD | \$12,074.39 |
| 158 | RANDOM RIPRAP CLASS IV | \$111.00 | 131 | CU YD | \$14,541.00 | | | 17.12 | CU YD | \$1,900.32 |
| 159 | GEOTEXTILE FILTER TYPE IV | \$6.50 | 664 | SO YD | \$4,316.00 | | | 218.31 | SO YD | \$1,419.02 |
| 160 | 4" CONCRETE WALK | \$3.85 | 33386 | SO FT | \$128,536.10 | 1,963.24 | \$7,558.47 | 19,160.00 | SO FT | \$73,766.00 |
| 161 | 4" CONCRETE WALK SPECIAL | \$4.70 | 13412 | SO FT | \$63,036.40 | -4.00 | -\$18.80 | 9,400.00 | SO FT | \$44,180.00 |
| 162 | 4" CONCRETE WALK SPECIAL 1 | \$4.70 | 2537 | SO FT | \$11,923.90 | | | | SO FT | |
| 163 | 6" CONCRETE WALK | \$5.35 | 9695 | SO FT | \$51,868.25 | -663.60 | -\$3,550.26 | 6,553.90 | SO FT | \$35,063.37 |
| 164 | 6" CONCRETE WALK SPECIAL | \$9.50 | 463 | SO FT | \$4,398.50 | | | | SO FT | |
| 165 | 1.5" BITUMINOUS WALK | \$1.75 | 1440 | SO FT | \$2,520.00 | | | 1,443.20 | SO FT | \$2,525.60 |
| 166 | 3" BITUMINOUS WALK | \$1.55 | 91567 | SO FT | \$141,913.35 | | | 73,193.20 | SO FT | \$113,449.46 |
| 167 | CONCRETE CURB & GUTTER DESIGN B424 | \$13.70 | 1920 | LIN FT | \$26,304.00 | -9.00 | -\$123.30 | 4,628.50 | LIN FT | \$63,410.45 |
| 168 | CONCRETE CURB & GUTTER DESIGN B618 | \$12.40 | 5031 | LIN FT | \$62,384.40 | | | | LIN FT | |
| 169 | CONCRETE CURB & GUTTER DESIGN B624 | \$13.90 | 20962 | LIN FT | \$291,371.80 | | | 13,523.20 | LIN FT | \$187,972.48 |
| 170 | CONCRETE CURB DESIGN V6 | \$27.50 | 72 | LIN FT | \$1,980.00 | | | 57.00 | LIN FT | \$1,567.50 |
| 171 | CONCRETE MEDIAN | \$140.00 | 54 | SO YD | \$7,560.00 | | | | SO YD | |
| 172 | TRUNCATED DOMES | \$50.00 | 1197 | SO FT | \$59,850.00 | | | 894.10 | SO FT | \$44,705.00 |
| 173 | PORTABLE PRECAST CONC BARRIER DES 8337 | \$15.00 | 410 | LIN FT | \$6,150.00 | 10.00 | \$150.00 | 460.00 | LIN FT | \$6,900.00 |
| 174 | KIOSK | \$2,650.00 | 1 | EACH | \$2,650.00 | | | | EACH | |
| 175 | BICYCLE RACK | \$661.00 | 4 | EACH | \$2,644.00 | | | | EACH | |
| 176 | WASTE RECEPTACLE | \$1,490.00 | 15 | EACH | \$22,350.00 | | | | EACH | |
| 177 | BENCH | \$1,650.00 | 16 | EACH | \$26,400.00 | | | | EACH | |
| 178 | MAIL BOX SUPPORT | \$250.00 | 1 | EACH | \$250.00 | | | | EACH | |
| 179 | INSTALL STONE RETAINING WALL | \$12.10 | 90 | SO FT | \$1,089.00 | | | | SO FT | |
| 180 | TRAFFIC BARRIER DESIGN B8338 | \$23.40 | 800 | LIN FT | \$18,720.00 | | | 712.50 | LIN FT | \$16,672.50 |
| 181 | PERMANENT BARRICADES | \$35.00 | 24 | LIN FT | \$840.00 | | | | LIN FT | |
| 182 | GUIDE POST TYPE B | \$67.60 | 37 | EACH | \$2,501.20 | | | | EACH | |
| 183 | ANCHORAGE ASSEMBLY - PLATE BEAM | \$494.00 | 2 | EACH | \$988.00 | | | 2.00 | EACH | \$988.00 |
| 184 | END TREATMENT-FLARED TERMINAL | \$2,810.00 | 2 | EACH | \$5,620.00 | | | 2.00 | EACH | \$5,620.00 |
| 185 | WIRE FENCE DESIGN S-1 VINYL COATED | \$45.00 | 145 | LIN FT | \$6,525.00 | | | 127.00 | LIN FT | \$5,715.00 |
| 186 | WIRE FENCE DESIGN S-2 VINYL COATED | \$75.00 | 90 | LIN FT | \$6,750.00 | | | 90.00 | LIN FT | \$6,750.00 |
| 187 | FENCE DESIGN SPECIAL | \$140.00 | 477 | LIN FT | \$66,780.00 | 126.60 | \$17,724.00 | 126.60 | LIN FT | \$17,724.00 |
| 188 | TRAFFIC CONTROL SUPERVISOR | \$16,300.00 | 1 | LUMP SUM | \$16,300.00 | | | 0.95 | LUMP SUM | \$15,485.00 |
| 189 | TRAFFIC CONTROL | \$82,500.00 | 1 | LUMP SUM | \$82,500.00 | | | 0.95 | LUMP SUM | \$78,375.00 |
| 190 | RAISED PAVEMENT MARKER TEMPORARY | \$1.50 | 1320 | EACH | \$1,980.00 | | | 223.00 | EACH | \$334.50 |
| 191 | PORTABLE CHANGEABLE MESSAGE SIGN | \$150.00 | 28 | UNIT DAY | \$4,200.00 | | | 11.00 | UNIT DAY | \$1,650.00 |
| 192 | SIGN PANELS TYPE SPECIAL | \$65.00 | 19 | SO FT | \$1,235.00 | | | 4.50 | SO FT | \$292.50 |
| 193 | SIGN PANELS TYPE C | \$35.00 | 1132 | SO FT | \$39,620.00 | | | 466.49 | SO FT | \$16,327.15 |
| 194 | SIGN PANELS TYPE D | \$40.00 | 179 | SO FT | \$7,160.00 | | | 59.50 | SO FT | \$2,380.00 |
| 195 | SIGN PANELS TYPE OVERLAY | \$15.00 | 5 | SO FT | \$75.00 | | | | SO FT | |
| 196 | INSTALL SIGN TYPE C | \$175.00 | 11 | EACH | \$1,925.00 | 2.00 | \$350.00 | 2.00 | EACH | \$350.00 |
| 197 | INSTALL SIGN TYPE SPECIAL | \$65.00 | 12 | EACH | \$780.00 | | | 4.00 | EACH | \$260.00 |
| 198 | DELINEATOR TYPE X4-13 | \$75.00 | 9 | EACH | \$675.00 | | | 2.00 | EACH | \$150.00 |
| 199 | HAZARD MARKER X4-2 | \$75.00 | 17 | EACH | \$1,275.00 | | | 9.00 | EACH | \$675.00 |
| 200 | INSTALL SIGN | \$500.00 | 1 | EACH | \$500.00 | | | | EACH | |
| 201 | CONSTRUCTION SIGNS - SPECIAL | \$17.50 | 250 | SO FT | \$4,375.00 | | | 5.34 | SO FT | \$93.45 |
| 202 | TRAFFIC CONTROL SIGNAL SYSTEM C | \$165,100.00 | 1 | SIG SYS | \$165,100.00 | | | 0.90 | SIG SYS | \$148,590.00 |
| 203 | EMERGENCY VEHICLE PREEMPTION SYS C | \$5,620.00 | 1 | LUMP SUM | \$5,620.00 | | | | LUMP SUM | |
| 204 | TRAFFIC CONTROL INTERCONNECTION | \$83,600.00 | 1 | LUMP SUM | \$83,600.00 | | | 0.80 | LUMP SUM | \$66,880.00 |
| 205 | REVISE SIGNAL SYSTEM A | \$185,400.00 | 1 | SYSTEM | \$185,400.00 | | | 0.95 | SYSTEM | \$176,130.00 |
| 206 | REVISE SIGNAL SYSTEM B | \$199,300.00 | 1 | SYSTEM | \$199,300.00 | | | 0.95 | SYSTEM | \$189,335.00 |
| 207 | REVISE SIGNAL SYSTEM D | \$104,300.00 | 1 | SYSTEM | \$1 | | | | | |

Partial Pay Estimate No.:

7

TH 5 CORRIDOR IMPROVEMENTS

SP 1002-106; SAP 231-010-008; SAP 010-610-049; SAP 010-657-002 & SAP 231-594-001

CITY OF WACONIA, MN

BMI PROJECT NO. C12.106251

WORK COMPLETED THROUGH DECEMBER 31, 2015

| ITEM NO. | ITEM | UNIT PRICE | ORIGINAL CONTRACT | | CURRENT ESTIMATE | | COMPLETED TO DATE | | |
|--------------------------------|---|-------------|--------------------|------------------|-----------------------|------------------|---------------------|------------------|-----------------------|
| | | | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT | ESTIMATED QUANTITY | ESTIMATED AMOUNT | |
| 212 | DECIDUOUS TREE 2.5" CAL B&B | \$450.00 | 4 | TREE | \$1,800.00 | | | TREE | |
| 213 | PERENNIAL NO 1 CONT | \$13.00 | 3662 | PLANT | \$47,606.00 | | | PLANT | |
| 214 | ORNAMENTAL GRASS NO 1 CONT | \$13.00 | 1566 | PLANT | \$20,358.00 | | | PLANT | |
| 215 | GEOTEXTILE WEED BARRIER FABRIC | \$13.50 | 1341 | SO YD | \$18,103.50 | | | SO YD | |
| 216 | SILT FENCE, TYPE MS | \$2.00 | 14217 | LIN FT | \$28,434.00 | | | 8,981.40 | LIN FT \$17,962.80 |
| 217 | FLOTATION SILT CURTAIN TYPE MOVING WATER | \$21.20 | 70 | LIN FT | \$1,484.00 | | | 80.00 | LIN FT \$1,696.00 |
| 218 | STORM DRAIN INLET PROTECTION | \$139.00 | 166 | EACH | \$23,074.00 | | | 42.00 | EACH \$5,838.00 |
| 219 | SEDIMENT CONTROL LOG TYPE STRAW | \$2.00 | 3559 | LIN FT | \$7,118.00 | | | 10,271.44 | LIN FT \$20,542.88 |
| 220 | STABILIZED CONSTRUCTION EXIT | \$3,850.00 | 1 | LUMP SUM | \$3,850.00 | 0.03 | LUMP SUM \$115.50 | 0.69 | LUMP SUM \$2,656.50 |
| 221 | FLOCCULANT SOCK | \$626.00 | 50 | EACH | \$31,300.00 | | | | EACH |
| 222 | EROSION CONTROL SUPERVISOR | \$14,000.00 | 1 | LUMP SUM | \$14,000.00 | 0.03 | LUMP SUM \$420.00 | 0.69 | LUMP SUM \$9,660.00 |
| 223 | TEMPORARY SEDIMENT TRAP | \$385.00 | 4 | EACH | \$1,540.00 | | | 1.00 | EACH \$385.00 |
| 224 | FERTILIZER TYPE 3 | \$0.61 | 4395 | POUND | \$2,680.95 | | | 2,099.00 | POUND \$1,280.39 |
| 225 | FERTILIZER TYPE 4 | \$0.61 | 477 | POUND | \$290.97 | 150.00 | POUND \$91.50 | 232.00 | POUND \$141.52 |
| 226 | FILTER TOPSOIL BORROW | \$46.70 | 209 | CU YD | \$9,760.30 | | | 107.00 | CU YD \$4,996.90 |
| 227 | COMPOST GRADE 2 | \$42.50 | 974 | CU YD | \$41,395.00 | -121.00 | CU YD -\$5,142.50 | 700.00 | CU YD \$29,750.00 |
| 228 | SUBSOILING | \$1,400.00 | 1.4 | ACRE | \$1,960.00 | | | 1.82 | ACRE \$2,268.00 |
| 229 | SOIL BED PREPARATION | \$85.00 | 1.4 | ACRE | \$119.00 | | | 1.82 | ACRE \$137.70 |
| 230 | SEEDING | \$202.00 | 25 | ACRE | \$5,050.00 | 2.17 | ACRE \$438.34 | 12.08 | ACRE \$2,440.16 |
| 231 | SEED MIXTURE 25-131 | \$2.45 | 1775 | POUND | \$4,348.75 | | | 1,722.00 | POUND \$4,218.90 |
| 232 | SEED MIXTURE 25-141 | \$3.55 | 748 | POUND | \$2,655.40 | | | 137.50 | POUND \$488.13 |
| 233 | SEED MIXTURE 33-261 | \$22.50 | 70 | POUND | \$1,575.00 | 18.75 | POUND \$421.88 | 30.75 | POUND \$691.88 |
| 234 | SEED MIXTURE 35-221 | \$21.40 | 34 | POUND | \$727.80 | 18.75 | POUND \$401.25 | 18.75 | POUND \$401.25 |
| 235 | MULCH MATERIAL TYPE 1 | \$202.00 | 27 | TON | \$5,454.00 | | | | TON |
| 236 | MULCH MATERIAL TYPE 6 | \$81.00 | 112 | CU YD | \$9,072.00 | | | 30.00 | CU YD \$2,430.00 |
| 237 | DISK ANCHORING | \$75.80 | 13.5 | ACRE | \$1,023.30 | | | | ACRE |
| 238 | EROSION CONTROL BLANKETS CATEGORY 0 | \$1.50 | 9804 | SQ YD | \$14,706.00 | | | | SQ YD |
| 239 | EROSION CONTROL BLANKETS CATEGORY 3 | \$1.40 | 24622 | SQ YD | \$34,470.80 | 2,225.00 | SQ YD \$3,115.00 | 23,521.00 | SQ YD \$32,929.40 |
| 240 | EROSION CONTROL BLANKETS CATEGORY 4 | \$1.50 | 2179 | SQ YD | \$3,268.50 | | | 1,500.00 | SQ YD \$2,250.00 |
| 241 | TURF REINFORCEMENT MAT CATEGORY 4 | \$8.10 | 135 | SQ YD | \$1,093.50 | | | | SQ YD |
| 242 | HYDRAULIC MATRIX TYPE COMPOST | \$1.50 | 13500 | POUND | \$20,250.00 | | | 10,080.00 | POUND \$15,120.00 |
| 243 | RAPID STABILIZATION METHOD 4 | \$1.10 | 17658 | SQ YD | \$19,423.80 | | | 2,411.42 | SQ YD \$2,652.56 |
| 244 | REMOVABLE PREFORMED PLASTIC MASK (BLACK) | \$2.25 | 2630 | LIN FT | \$5,917.50 | | | | LIN FT |
| 245 | PAVT MSSG (LT ARROW) EPOXY | \$130.00 | 19 | EACH | \$2,470.00 | | | 6.00 | EACH \$780.00 |
| 246 | PAVT MSSG (RT ARROW) EPOXY | \$130.00 | 10 | EACH | \$1,300.00 | | | 6.00 | EACH \$780.00 |
| 247 | 4" SOLID LINE WHITE-EPOXY | \$0.29 | 14102 | LIN FT | \$4,089.58 | | | 4,153.00 | LIN FT \$1,204.37 |
| 248 | 4" DOTTED LINE WHITE-EPOXY | \$3.15 | 61 | LIN FT | \$192.15 | | | 78.00 | LIN FT \$245.70 |
| 249 | 4" SOLID LINE YELLOW-EPOXY | \$0.29 | 3573 | LIN FT | \$1,036.17 | | | 1,973.50 | LIN FT \$572.32 |
| 250 | 24" SOLID LINE YELLOW-EPOXY | \$5.75 | 271 | LIN FT | \$1,558.25 | | | | LIN FT |
| 251 | 4" BROKEN LINE YELLOW-EPOXY | \$0.29 | 240 | LIN FT | \$69.60 | | | | LIN FT |
| 252 | 4" DOUBLE SOLID LINE YELLOW-EPOXY | \$0.58 | 2547 | LIN FT | \$1,477.26 | | | 547.00 | LIN FT \$317.26 |
| 253 | CROSSWALK MARKING EPOXY | \$4.15 | 3456 | SQ FT | \$14,342.40 | | | | SQ FT |
| 254 | PAVEMENT MARKING SPECIAL | \$25.60 | 1024 | LIN FT | \$26,214.40 | | | 290.00 | LIN FT \$7,424.00 |
| 255 | 4" SOLID LINE WHITE-PAINT | \$0.16 | 15250 | LIN FT | \$2,440.00 | | | 612.00 | LIN FT \$97.92 |
| 256 | 4" BROKEN LINE WHITE-PAINT | \$0.16 | 100 | LIN FT | \$16.00 | | | | LIN FT |
| 257 | 4" SOLID LINE YELLOW-PAINT | \$0.17 | 5500 | LIN FT | \$935.00 | -809.00 | LIN FT -\$137.53 | | LIN FT |
| 258 | 4" DOUBLE SOLID LINE YELLOW-PAINT | \$0.33 | 3600 | LIN FT | \$1,188.00 | 809.00 | LIN FT \$266.97 | 809.00 | LIN FT \$266.97 |
| 259 | 4" SOLID LINE WHITE-EPOXY (WR) | \$0.61 | 24950 | LIN FT | \$15,219.50 | | | 9,936.00 | LIN FT \$6,061.02 |
| 260 | 8" SOLID LINE WHITE-EPOXY (WR) | \$2.10 | 204 | LIN FT | \$428.40 | | | | LIN FT |
| 261 | 12" SOLID LINE WHITE-EPOXY (WR) | \$9.60 | 77 | LIN FT | \$739.20 | | | | LIN FT |
| 262 | 4" BROKEN LINE WHITE-EPOXY (WR) | \$0.61 | 2346 | LIN FT | \$1,431.06 | | | 1,270.00 | LIN FT \$774.70 |
| 263 | 8" DOTTED LINE WHITE-EPOXY (WR) | \$3.95 | 204 | LIN FT | \$805.80 | | | | LIN FT |
| 264 | 4" SOLID LINE YELLOW-EPOXY (WR) | \$0.61 | 13078 | LIN FT | \$7,977.58 | | | 7,099.00 | LIN FT \$4,330.39 |
| 265 | 4" DOUBLE SOLID LINE YELLOW-EPOXY (WR) | \$1.20 | 4818 | LIN FT | \$5,781.60 | | | 1,740.00 | LIN FT \$2,088.00 |
| 266 | PAVEMENT MARKING SPECIAL | \$17.50 | 8032 | SQ FT | \$140,560.00 | | | 3,900.00 | SQ FT \$68,250.00 |
| 267 | 15" RC PIPE APRON | \$566.00 | 2 | EACH | \$1,132.00 | | | | EACH |
| 268 | TRASH GUARD FOR 15" PIPE APRON | \$210.00 | 2 | EACH | \$420.00 | | | | EACH |
| 269 | 12" PVC PIPE SEWER | \$113.00 | 140 | LIN FT | \$15,820.00 | 4.00 | LIN FT \$452.00 | 113.40 | LIN FT \$12,814.20 |
| 270 | AIR RELIEF MANHOLE | \$15,900.00 | 1 | EACH | \$15,900.00 | | | 1.00 | EACH \$15,900.00 |
| 271 | CONNECT TO EXISTING MANHOLES (SAN) | \$1,720.00 | 1 | EACH | \$1,720.00 | | | 1.00 | EACH \$1,720.00 |
| 272 | 8" PVC FORCEMAIN | \$37.20 | 2366 | LIN FT | \$88,015.20 | 60.00 | LIN FT \$2,232.00 | 2,167.00 | LIN FT \$80,612.40 |
| 273 | 18" STEEL CASING PIPE | \$235.00 | 83 | LIN FT | \$19,505.00 | | | 83.00 | LIN FT \$19,505.00 |
| 274 | 12" GATE VALVE & BOX | \$4,570.00 | 1 | EACH | \$4,570.00 | | | 1.00 | EACH \$4,570.00 |
| 275 | 4" GATE VALVE | \$1,190.00 | 7 | EACH | \$8,330.00 | | | | EACH |
| 276 | CONST DRAINAGE STRUCTURE DESIGN H | \$405.00 | 2 | LIN FT | \$810.00 | | | 4.00 | LIN FT \$1,620.00 |
| 277 | CONST DRAINAGE STRUCTURE DESIGN SPEC 4 | \$1,700.00 | 1 | EACH | \$1,700.00 | | | 1.00 | EACH \$1,700.00 |
| 278 | CONST DRAINAGE STRUCTURE DESIGN SPEC 5 | \$438.00 | 6 | EACH | \$2,628.00 | | | 6.00 | EACH \$2,628.00 |
| 279 | 8" CONCRETE WALK SPECIAL | \$25.00 | 141 | SQ FT | \$3,525.00 | | | | SQ FT |
| 280 | 3" BITUMINOUS DRIVEWAY | \$2.00 | 700 | SQ FT | \$1,400.00 | | | | SQ FT |
| 281 | 8" FORCEMAIN DUCTILE IRON CL 52 | \$80.90 | 32 | LIN FT | \$2,588.80 | | | | LIN FT |
| 282 | MAINTENANCE MANHOLE | \$15,500.00 | 1 | EACH | \$15,500.00 | | | 1.00 | EACH \$15,500.00 |
| 283 | FORCEMAIN INSIDE DROP | \$7,490.00 | 1 | LUMP SUM | \$7,490.00 | | LUMP SUM | 1.00 | LUMP SUM \$7,490.00 |
| 284 | 1 1/2" HDPE REUSE SERVICE PIPE | \$91.10 | 10 | LIN FT | \$911.00 | | | | LIN FT |
| 285 | 4" HDPE REUSE WATERMAIN | \$28.10 | 2280 | LIN FT | \$64,068.00 | | | 817.00 | LIN FT \$22,957.70 |
| 286 | INSTALL BMP SNOT | \$719.00 | 1 | EACH | \$719.00 | | | | EACH |
| 287 | CAST IRON GATE VALVE BOX | \$315.00 | 3 | EACH | \$945.00 | | | | EACH |
| 288 | PLASTIC GATE VALVE BOX | \$140.00 | 4 | EACH | \$560.00 | | | | EACH |
| 289 | 1 1/2" BLOWOFF & CONNECTION ASSEMBLY | \$1,910.00 | 1 | EACH | \$1,910.00 | | | | EACH |
| 290 | 2" BLOWOFF ASSEMBLY | \$1,660.00 | 5 | EACH | \$8,300.00 | | | | EACH |
| 291 | FLUSHING HYDRANT | \$3,330.00 | 1 | EACH | \$3,330.00 | | | 1.00 | EACH \$3,330.00 |
| 292 | 12" WIDE CHAIN LINK DOUBLE GATE | \$2,000.00 | 1 | EACH | \$2,000.00 | | | | EACH |
| 293 | 6" CHAIN LINK FENCE-VINYL COATED | \$30.00 | 108 | LIN FT | \$3,240.00 | | | | LIN FT |
| 294 | WO-01: RAPID STABILIZATION METHOD 3 (2575, S-122) | \$566.00 | | MGAL | | | | 117.70 | MGAL \$66,618.20 |
| 295 | WO-02: MAGNESIUM CHLORIDE | \$4,378.13 | | LUMP SUM | | | LUMP SUM | 1.00 | LUMP SUM \$4,378.13 |
| 296 | B-01: FLOTATION SILT CURTAIN, TYPE: STILL WATER (2573, S-119) | \$12.50 | | LIN FT | | | LIN FT | 300.00 | LIN FT \$3,750.00 |
| 297 | WO-03: PIT RUN SAND | \$25.00 | | TON | | | TON | 3,314.31 | TON \$82,857.75 |
| 298 | B-02: HYDRAULIC MATRIX, TYPE MULCH (2575, S-122) | \$1.50 | | POUND | | 4,557.00 | POUND \$6,835.50 | 11,697.00 | POUND \$17,545.50 |
| 299 | CO-08: CONTAMINATED SOIL DISPOSAL | \$33,424.57 | | LUMP SUM | | | LUMP SUM | 1.00 | LUMP SUM \$33,424.57 |
| TOTAL AMOUNT: | | | | | \$9,804,518.75 | | \$260,631.87 | | \$7,940,409.78 |
| AMOUNT PAYABLE WITH RETAINAGE: | | | | | | | \$247,600.28 | | \$7,543,389.29 |



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|--|
| Meeting Date: | January 19, 2016 |
| Item Name: | Donation Acceptance – Employee Recognition Event |
| Originating Department: | Administration |
| Presented by: | Angel Smith, Assistant City Administrator |

Previous Council Action (if any):

| | | | | | |
|--------------------------------|---------|---|-----------------|--------------------|--|
| Item Type (X only one): | Consent | X | Regular Session | Discussion Session | |
|--------------------------------|---------|---|-----------------|--------------------|--|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Adopt Resolution No. 2016-29 , Accepting Multiple Donations From Local Vendors/Merchants for the 2016 Employee Recognition Event

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

The City of Waconia recently received the following donations for the 2016 Employee Recognition Event held at the Ice Arena on Tuesday, January 26, 2016.

- Island View Golf Club – Two (2) Rounds of Golf with Carts (\$150 value)
- Family Heritage – Ground Round Gift Card (\$5 value)
- Family Heritage – Ground Round Gift Card (\$25 value)

Staff recommends acceptance of these donations.

| | | | | | | | |
|--|--------------------|----------|---|--------------|--|--------------------|--|
| <p><i>FINANCIAL IMPLICATIONS:</i></p> <p>Funding Sources & Uses: Administration</p> <p>Budget Information:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td>Budgeted</td> </tr> <tr> <td style="text-align: center;">X</td> <td>Non Budgeted</td> </tr> <tr> <td></td> <td>Amendment Required</td> </tr> </table> | | Budgeted | X | Non Budgeted | | Amendment Required | <p><i>ADVISORY BOARD RECOMMENDATIONS:</i></p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
| | Budgeted | | | | | | |
| X | Non Budgeted | | | | | | |
| | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-29**

**RESOLUTION ACCEPTING MULTIPLE DONATIONS FROM LOCAL
VENDORS/MERCHANTS FOR THE 2016 EMPLOYEE RECOGNITION EVENT**

WHEREAS, The City of Waconia is generally authorized to accept contributions of real and personal property pursuant to Minnesota Statutes Sections 412.21 and 465.03 for the benefit of its citizens and is specifically authorized to accept gifts and bequests for the benefit of facilities, services and the development of programs to benefit residents pursuant to Minnesota Statutes Section 471.17; and

WHEREAS, The following persons and/or entities have offered to contribute the items set forth below to the City:

Island View Golf Club – Two (2) Rounds of Golf with Carts (\$150 value)
Family Heritage – Ground Round Gift Card (\$5 value)
Family Heritage – Ground Round Gift Card (\$25 value)

WHEREAS, These donations have been contributed for the benefit of the organization, as allowed by law; and

WHEREAS, The City Council hereby finds that it is appropriate to accept the contributions offered.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF WACONIA, MINNESOTA, AS FOLLOWS:

1. The contribution described above is hereby accepted and acknowledged with gratitude.
2. Said contribution shall be used for the designated purposes.
3. That the Finance Director is hereby directed to issue receipts to the donor acknowledging the City's receipt of the donor's contribution.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

ATTEST: _____
Susan MH Arntz, City Administrator

| | | |
|---------|----------|-------|
| M/_____ | Bloudek | _____ |
| | Carrier | _____ |
| S/_____ | Erickson | _____ |
| | Sanborn | _____ |
| | Ayers | _____ |



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19th 2016 |
| Item Name: | Use of Streets/Trails/Parking lot, Don't Worry Be Hoppy 5K and Kids Run |
| Originating Department: | Parks and Recreation |
| Presented by: | Craig Sinclair |

Previous Council Action (if any):

| | | | | | | |
|--------------------------------|---------|--|-----------------|--|--------------------|--|
| Item Type (X only one): | Consent | | Regular Session | | Discussion Session | |
| | X | | | | | |

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Authorization to use of streets/trails/parking lot for Don't Worry Be Hoppy 5k and Kids Run

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

The second annual Don't Worry Be Hoppy 5k and Kids run will take place on Saturday April 2, 2016.

The event will begin at 10:00am in the parking lot area N of the Waconia Brewing Company. The 5K event will run on City sidewalk/trails and streets with no street closures required. The kids run will take place on City sidewalks. The course set-up and take-down will be occurring between 6:00 – 12:00pm.

Please see attached maps for routes and parking area request.

Event planners will be coordinating course marshals for assistance at key intersections. Following the event course clean-up will be performed by Don't Worry Be Hoppy coordinators and volunteers.

Event organizers will be notifying: Waconia Fire Department, Carver County 9-1-1 Dispatch, Ridgeview Ambulance/Dispatch and businesses near the start/finish area for this event.

A portion of the proceeds from the event will be donated to the Waconia Fire Department.

Staff recommends authorizing the use of streets/trails/parking lot for the April 2, 2015 Don't Worry Be Hoppy 5K and Kids Run.

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| <p><i>FINANCIAL IMPLICATIONS:</i></p> <p>Funding Sources & Uses:</p> <hr/> <p>Budget Information:</p> <p style="padding-left: 20px;"><input type="checkbox"/> Budgeted</p> <p style="padding-left: 20px;"><input type="checkbox"/> Non Budgeted</p> <p style="padding-left: 20px;"><input type="checkbox"/> Amendment Required</p> | <p><i>ADVISORY BOARD RECOMMENDATIONS:</i></p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
|---|--|



Requested Use of Parking Lot

Kids Fun Run Route



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19, 2016 |
| Item Name: | Authorize Purchase of Water Reuse Chlorination Equipment From Vessco, Inc. in the Amount of \$22,489.00; CIP Project 2015-415 |
| Originating Department: | Public Services |
| Presented by: | Craig Eldred, Public Services Director |

Previous Council Action (if any):

| | | | | | | |
|--------------------------------|---------|-------------------------------------|-----------------|--------------------------|--------------------|--------------------------|
| Item Type (X only one): | Consent | <input checked="" type="checkbox"/> | Regular Session | <input type="checkbox"/> | Discussion Session | <input type="checkbox"/> |
|--------------------------------|---------|-------------------------------------|-----------------|--------------------------|--------------------|--------------------------|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED *(Include motion in proper format.)*

Adopt Resolution 2016-26; Authorize Purchase of Water Reuse Chlorination Equipment From Vessco, Inc. in the Amount of \$22,489.00; CIP Project 2015-415

EXPLANATION OF AGENDA ITEM *(Include a description of background, benefits, and recommendations.)*

As part of the Trunk Highway Five improvements the City is required to meet Carver County’s storm water filtration specifications. The choice the City took was to utilize storm water reuse irrigation as its practice. As part of delivering storm water for irrigation purposes it is highly recommended to utilize chlorination as a method to kill waterborne bacteria that may reside in storm water.

The focus for the chlorination is two-fold; first, to kill bacteria that may come into contact with individuals as one or more of the irrigations systems delivers water; second, regulation efforts relative to storm water reuse are being proposed, and chlorination of storm water is a critical item that we want to be ahead of as we operate the system.

Staff requested assistance from our City Engineer’s in design of the chlorination feed system and acquisition of equipment pricing. Currently, we purchase our water treatment chemical feed equipment from Vessco, Inc. Focus for singular pricing of the chlorination equipment is to limit multiple supplies and maintaining staff’s knowledge to what’s currently utilized in the water treatment facility.

The equipment proposed includes poly storage tanks, containment for the tanks and skid system including pumps appropriate to meet the water flow rates proposed for the irrigation system. The actual cost amounts to \$22,489.00. (Proposal is Attached)

Staff recommends approval of this request for action allowing the equipment to be ordered and delivered allowing its placement for use in the spring/summer of 2016.

| | | | | | | | |
|--|-------------------------------------|----------|--------------------------|--------------|--------------------------|--------------------|---|
| <p>FINANCIAL IMPLICATIONS:</p> <p>Funding Sources & Uses: Storm Water Cash</p> <p>Budget Information:</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/></td> <td>Budgeted</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Non Budgeted</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Amendment Required</td> </tr> </table> | <input checked="" type="checkbox"/> | Budgeted | <input type="checkbox"/> | Non Budgeted | <input type="checkbox"/> | Amendment Required | <p>ADVISORY BOARD RECOMMENDATIONS:</p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
| <input checked="" type="checkbox"/> | Budgeted | | | | | | |
| <input type="checkbox"/> | Non Budgeted | | | | | | |
| <input type="checkbox"/> | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-26**

**RESOLUTION AUTHORIZING APPROVAL OF PURCHASE OF WATER REUSE
CHLORINATION EQUIPMENT FROM VESSCO, INC. IN THE AMOUNT OF \$22,489.00, CIP
PROJECT 2015-415**

WHEREAS, one of the City’s Key Outcomes is to “Continually Improve Health of Lakes”; and

WHEREAS, efforts to meet Carver County Water Management Organizations filtration specifications the City chose storm water reuse; and

WHEREAS, efforts to reduce potential public health items and meet future storm water reuse requirements there are needs to install chlorination equipment to protect against contact of waterborne bacteria; and

WHEREAS, quotes for said equipment were obtained from our chemical equipment feed supplier who is also utilized for our water treatment facility chemical equipment; and

WHEREAS, Vessco, Inc. provided an equipment and service start-up quote in the amount of \$22,489.00.

NOW, THEREFORE, BE IT RESOLVED That the City Council of the City of Waconia hereby authorizes approval of contract award for Water Reuse Water Main Directional Drill work to EBI Drilling, Inc. in the amount of \$80,070.00.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

Attest: _____
Susan MH Arntz, City Administrator

| | | |
|----------|----------|-------|
| M/ _____ | Erickson | _____ |
| | Bloudek | _____ |
| S/ _____ | Carrier | _____ |
| | Ayers | _____ |
| | Sanborn | _____ |



A Process Equipment Company
Minneapolis, MN • Ames, IA

January 8, 2016

TO: Craig Eldred
PROJECT: Water Reuse Chlorination Equipment
Due DATE: January 11, 2016
ENGINEER: Bolton & Menk
FROM: Clark Corbett

Vessco hereinafter referred to as "Company" proposes to furnish, under the Terms and Conditions hereinafter set forth and described in the accompanying description and specifications, the following equipment. Vessco, Inc. will provide pricing and any additional information you may require prior to the bid opening.

The following is a list of Sections and Equipment included in our Scope of Supply.

Peristaltic Chemical Metering Pumps (Watson Marlow)

Peristaltic Metering Pumps and related items listed below as manufactured by Watson Marlow. Individual components are as follows. Please note that for all Chemical Feed Systems, we have excluded all Ball Valves, Check Valves, Vacuum Breaker Valves, Quick Disconnects, Diaphragm Valves, PVC Piping, PVC Fittings, Anchor Bolts, and all other items not specifically listed. These items are more economically supplied by the mechanical contractors or Specified in separate sections.

(One) – Watson Marlow Chemical Metering Pumps, Model 520 DUN/REL
4-20mA Input/Output

(One) – SPARE WM Roller Assembly

(Five) – SPARE WM Marprene Tube Elements

(One) – Watson Marlow 520 Single Pump Skid Including:

(One) – Pump Shelves

(One) – Lot of PVC Pipe and Ball Valves

(One) – Calibration Column

(One) – Pulsation Dampener

(One) – Pressure Relief Valve (1/2" PVC, Hypalon)

(One) – Pressure Gauge with Diaphragm Seal. (0-50 psi)

(One) – Y-Strainers (1/2" CPVC, Teflon)

(One) – Chemical Injection Assemblies CPVC (VSI750)

(One) – Foot Valve with Strainer

(Two) – 155 Gal. PolyProcessing HDXLPE Tanks

- Specified fittings

(One) – Containment Tank 6'x4'x3.5'

Net Total..... \$22,489.00

START-UP SUPERVISION

Start-up services will be supplied directly from Vessco. Vessco will provide the Start-up Services for the above consisting of One (1) eight (8) hour day. Vessco may provide additional days at a rate of \$950 per day as needed by the contractor.

SPECIAL CONDITIONS

This proposal is valid for 30 days. Freight is quoted f.o.b. factory with full freight allowed to first destination. No state, use or other taxes or fees is included in the stated price. Payment shall be made 95% net invoice from shipment with 5% retainage. Shipment Retainage shall be paid net invoice at start-up. Approval Drawings available six weeks from the execution of an acceptable purchase order.

The following items are not included in the bid unless specifically mentioned in the above information:

| | | |
|--------------------------|-------------------------------|----------------------------|
| Piping, Fittings, Valves | External electrical wiring | Storage of Equipment |
| Conduit, Enclosures | Anchor Bolts | Installation or Labor |
| Interconnecting wiring | Supports | Gauges, Controls |
| Spare Parts | Start-up Chemicals | Motor Starters |
| Pipe Hangers | Ball valves, Unions, Reducers | Pressure regulating valves |
| Inlet water strainers | Back Pressure Valves | Floor and Wall Sleeves |
| Check Valves | Pressure Switches | Unloading |

Vessco, Inc does not accept any back charges unless authorized in writing by an Officer of Vessco, Inc. All freight damage charges must be brought to Vessco's attention within two weeks of the date of the Shipment arrival. All charges past that date shall be the responsibility of the contractor or others.

The above quotation is offered in accordance with Vessco's Terms and Conditions of sale. If you have any questions regarding the above equipment, please direct them to my attention.

I would be more than happy to discuss any part of this proposal with you via phone at 952-314-0626, via email at clark.corbett@vessco.com, or by arranging a meeting at a mutually acceptable time prior to the bid. Again, good luck to all of you and I look forward to working with you on this project.

Respectfully Submitted,
VESSCO, INC.



Clark Corbett
Sales Engineer

GENERAL TERMS AND CONDITIONS

1. **Equipment Sale.** VESSCO offers to sell to Customer the equipment, including installation and/or startup services, if any, described in VESSCO'S Proposal (collectively, the "Equipment"), subject to the terms and conditions set forth herein. This offer is conditioned upon Customer's assent to the exclusive applicability of these terms and conditions. No additional, different or inconsistent terms set forth in any purchase order or other document of Customer shall be binding on VESSCO, unless otherwise expressly agreed to in a writing signed by VESSCO.

2. **Payment.** Customer shall pay to VESSCO the full purchase price for the Equipment in the amount and subject to the payment terms set forth in VESSCO'S Proposal. All amounts referred to herein are denominated and shall be paid in U.S. Dollars. Unless otherwise stated in VESSCO'S Proposal, prices are F.O.B. shipping point and payment terms are net thirty (30) days from date of VESSCO'S invoice. Payments received after the due date shall bear interest at the rate of 1-1/2% (or the highest rate permitted by law, if less) for each month or portion of a month until paid. Customer shall reimburse VESSCO for all costs, including reasonable attorneys' fees, incurred by VESSCO to enforce Customer's payment obligations.
3. **Security Interest.** Customer grants VESSCO a security interest in Customer's interest (if any) in the Equipment (and any attachments, additions or improvements and proceeds) to secure Customer's payment obligations hereunder, whenever arising. Customer shall execute financing statements and take all other acts requested by VESSCO to perfect, maintain and evidence such security interest.
4. **Taxes, Customs and Charges Unless Otherwise Specified in VESSCO'S Proposal.** Customer shall pay for all sales, use, value-added and other taxes, levies, duties and tariffs, permit or license fees or other governmental charges relating to or incurred in connection with VESSCO'S performance hereunder or imposed on the manufacture, storage, sale, transportation, import, export, delivery, use or consumption of the Equipment. Despite the foregoing if VESSCO is required, due to Customer's failure or otherwise, to make any such payments, Customer shall immediately reimburse VESSCO therefor.
5. **Shipment and Delivery.** Delivery of the Equipment shall be made in material compliance with the schedule set forth in VESSCO'S Proposal. Unless otherwise specified in VESSCO'S Proposal, VESSCO shall pack, crate, label and ship the Equipment in accordance with its customary methods. Delivery of each item of equipment included in the Equipment shall be complete upon tender of the Equipment to the carrier, F.O.B. shipping point, whereupon title and risk of loss of the Equipment shall pass to Customer. Unless specified otherwise in VESSCO'S Proposal, Customer shall be solely responsible for unloading, storing, assembling and installing the Equipment.
6. **Ownership of Design Materials.** All manufacturing devices, drawings, specifications, designs, plans, computer programs and other documents, information or data prepared by VESSCO in connection with its performance hereunder, and all related intellectual property rights, shall be VESSCO'S property. VESSCO hereby grants to Customer a non-exclusive, non-transferable license for Customer to use any such information for Customer's use, maintenance or repair of the Equipment. In no case shall Customer provide such information to third parties without VESSCO'S prior written consent.
7. **Changes in the Scope of the Work.** No change in the scope of the work set forth in VESSCO'S Proposal shall be implemented unless Customer and VESSCO agree in a writing signed by both parties as to the nature of the change and its price and schedule impact.
8. **Waiver of Claims.** Notwithstanding anything else herein, VESSCO and Customer waive all claims against each other (and against each other's affiliates, (sub) contractors, vendors, employees, agents and representatives) for loss or damage to any of their respective property.
9. **Warranty.** (a) VESSCO warrants to Customer that the Equipment will conform to the specifications or description set forth in VESSCO'S Proposal and will be free from defects in material and workmanship for a period of twelve (12) months after installation or eighteen (18) months after final shipment, whichever is shorter (the "Warranty Period"). The foregoing warranties are conditioned upon Customer's (a) giving VESSCO notice of the defect within thirty (30) days after Customer discovers or should have discovered such defect and, in any event, within thirty (30) days after the end of the Warranty Period, and (b) keeping adequate records to establish it has operated and maintained the Equipment in accordance with VESSCO'S instructions and has not undertaken any repair or alteration of the Equipment without VESSCO'S consent, and (c) not being in default of any payment obligation to VESSCO. The foregoing warranties shall not apply to normal wear and tear, decomposition by chemical action, wear caused by the presence of abrasive materials or damages caused in transit or by misuse, neglect, accident, improper installation, negligence or abuse or by abnormal conditions of temperature, moisture or dirt. THE WARRANTIES SET FORTH IN THIS SECTION ARE VESSCO'S SOLE AND EXCLUSIVE WARRANTIES. VESSCO MAKES NO OTHER WARRANTIES OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR WARRANTIES ARISING BY CUSTOM, TRADE USAGE, PROMISE, EXAMPLE OR DESCRIPTION.
- (b) Within a reasonable period after receipt of timely notice of a breach of the foregoing warranty, VESSCO shall, at its sole option, either (i) repair or replace such defective Equipment or (ii) refund the amount paid for the defective Equipment (or issue a credit for any such unpaid amount). The foregoing shall be Customer's sole remedy for breach of warranty. If VESSCO determines any claimed defect is not covered by the foregoing warranty, Customer shall pay VESSCO the customary charges of VESSCO then in effect for any repair or replacement effected by VESSCO.
10. **Backcharges.** Without exception, VESSCO will not be responsible for any backcharges unless a written request is submitted to, and approved in writing by, VESSCO prior to work being performed or any cost being incurred. Any such request must be submitted at least three (3) working days before such approval is required to permit VESSCO to conduct a site visit or such other investigation as it may deem appropriate.
11. **Indemnification.** (a) VESSCO shall release, hold harmless, indemnify and defend Customer from and against any liability, claim or cause of action incurred by Customer as a result of third party claims for personal injury or damage to tangible property, if caused solely by the negligence of VESSCO or any of its employees, subcontractors or suppliers in the performance of VESSCO'S obligations hereunder.
- (b) VESSCO shall release, hold harmless, indemnify and defend Customer from and against all judgments, decrees and reasonable costs resulting from any apparatus claims of U.S. patents issued at the time of this offer, provided such infringement is based exclusively on products designed and manufactured by VESSCO. In satisfaction of such obligation, VESSCO may, at its option and expense, (i) modify or replace all of the infringing part of the Equipment so that it is no longer infringing, (ii) procure for the Customer the right to continue using the Equipment, or (iii) remove the Equipment and refund the purchase price to the Customer.
- (c) Customer shall release, hold harmless, indemnify and defend VESSCO from and against any liability, claim or cause of action relating to (i) the design of the Equipment or any containers in which it is shipped, to the extent made pursuant to Customer's design or specifications, (ii) the environmental and other conditions of Customer's premises, or (iii) Customer's negligence or breach of its obligations hereunder.
- (d) Any claim for indemnification under this Section 11 shall be subject to the following: (i) claim therefor must be made within thirty (30) days after the end of the Warranty Period; (ii) the claimant must provide reasonable cooperation in the defense thereof; and (iii) the indemnifying party shall have sole authority for the direction of the defense and the negotiation of any compromise or settlement; provided that the claimant may monitor such matters through counsel of its choice at its own expense. The provisions of this Section 11 shall survive termination of this agreement.
12. **Force Majeure.** A "Force Majeure Event" shall mean any event, condition or circumstance which is beyond VESSCO'S reasonable control, including without limitation, acts of God, casualties, epidemics, civil disturbances, war, riots, sabotage, accidents, thefts, changes in law or other acts of governmental authorities, strikes, or other labor shortages or disturbances, unavailability or excessive cost of materials, discovery of any concealed or unknown physical condition or substance at Customer's facility or acts or omissions of Customer or its employees, (sub)contractors, or other persons for whom Customer may be liable. VESSCO shall be entitled to a schedule adjustment upon the occurrence of a Force Majeure Event. VESSCO shall be entitled to a purchase price adjustment upon the occurrence of a Force Majeure Event only if its direct costs are increased as a result of such Force Majeure Event, and VESSCO is able to document such increase.

13. **Dispute Resolution.** VESSCO and Customer shall negotiate in good faith to resolve any dispute relating hereto. Failing such efforts, the dispute shall be finally settled by binding arbitration in Minnesota pursuant to the Commercial Arbitration Rules of the American Arbitration Association. The arbitration panel shall consist of three individuals experienced in the discipline that is the subject of the dispute and shall be jointly selected by VESSCO and Customer. If the parties are unable to agree upon the arbitrators within twenty (20) days, then each party shall select one arbitrator and those arbitrators shall select a third arbitrator. The decision of a majority of the arbitrators shall be the decision of the panel. Judgment may be entered upon the arbitrators' decision in any court of competent jurisdiction. The prevailing party in any arbitration shall be reimbursed by the other party for all costs, expenses and charges, including without limitation reasonable attorneys' fees, incurred by the prevailing party in connection with the arbitration.

14. **Special Terms.** Attachment I contains special terms, if any, which are hereby incorporated into this agreement.

15. **Confidential Treatment of Information.** All information contained in VESSCO'S Proposal regarding the Equipment, process design and the price thereof is submitted without cost to Customer but with the understanding that such information is for the sole use of Customer and that Customer will not disclose it to anyone outside its own organization and will use its best efforts to see that no one to whom such information is so disclosed shall disclose the same to anyone outside Customer's organization.

16. **Cancellation.** In the event of cancellation, Customer shall compensate VESSCO on a percentage completion basis for all work performed up to the date of cancellation, unless cancellation is due to default by VESSCO.

17. **Limitation of Liability.** (a) Notwithstanding anything to the contrary herein, the aggregate liability of VESSCO, including without limitation for or with respect to VESSCO'S affiliates, contractors, suppliers, employees, agents or representatives, arising out of or in connection with this agreement or the sale or use of the Equipment, including without limitation claims for indemnification, and whether based on contract, strict liability, negligence or other tort, pollution, disease or otherwise, shall not exceed an amount equal to the contract amount between Customer and VESSCO.

(b) Notwithstanding anything to the contrary herein, in no event shall VESSCO be liable for consequential, incidental, indirect, special, exemplary or punitive damages of any kind, including without limitation for loss of profits, revenues or product, or loss of use of any property (whether by shutdown, operation at less than capacity or otherwise), regardless of whether any of the foregoing damages arise directly or indirectly through an indemnification or contribution obligation and whether arising out of breach of contract or warranty, tort, product liability, strict liability or any other legal theory.

18. **Notice.** All notices required hereunder shall be in writing and shall be deemed properly served if delivered in person or if sent by registered or certified mail, with postage prepaid and return receipt requested, to the following addresses: If to VESSCO: 6861 Flying Cloud Drive, Eden Prairie, Minnesota 55344; If to Customer: _____ . All notices shall be deemed received on the date of delivery, or attempted delivery, if delivered in person, or if mailed, on the date which is two (2) days after the date such notice is deposited in the mail.

19. **Severability.** In case any provision hereof is held to be invalid, illegal or unenforceable, (a) such provision shall be limited or excluded only to the extent necessary to make it valid, legal and enforceable, and (b) the validity, legality and enforceability of the remaining provisions shall not be affected.

20. **General Provisions.** The agreement contained herein may not be cancelled or amended except by mutual written agreement of VESSCO and Customer. No course of dealing or failure to strictly enforce any term shall be construed as a waiver thereof. Waiver of any term shall not constitute a waiver of any other term or a continuing waiver. This agreement shall be binding on the parties' respective successors and assigns; provided that Customer may not assign, delegate or permit any other transfer of this agreement without VESSCO'S prior written consent. This agreement shall be governed by and construed in accordance with the laws of the State of Minnesota, without regard to its conflict of laws provisions. This agreement, including Attachment I, represents the entire agreement between the parties with respect to the subject matter hereof, and supercedes all previous oral and written negotiations, representations, agreements or other communications.



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19, 2016 |
| Item Name: | Authorize Contract Award for Water Reuse Water Main Directional Drill Work to EBI Drilling, Inc. in the Amount of \$80,070.00; CIP Project 2015-415 |
| Originating Department: | Public Services |
| Presented by: | Craig Eldred, Public Services Director |

Previous Council Action (if any):

| | | | | |
|--------------------------------|---------|---------------------------------------|-----------------|--------------------|
| Item Type (X only one): | Consent | <input checked="" type="checkbox"/> X | Regular Session | Discussion Session |
|--------------------------------|---------|---------------------------------------|-----------------|--------------------|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Adopt Resolution 2016-27; Authorize Contract Award for Water Reuse Water Main Directional Drill Work to EBI Drilling, Inc. in the Amount of \$80,070.00; CIP Project 2015-415

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

As part of the Trunk Highway Five improvement the City is required to meet Carver County's storm water filtration specifications. The choice the City took was to utilize storm water reuse irrigation as its practice. As part of the Trunk Highway improvements limited water reuse water main installations were awarded while we worked with Carver County of the final design of the irrigation system with efforts of meeting the previously mentioned requirements. Efforts to deliver storm reuse water west of CSAH 10 became apparent and required installation of additional poly water mains to deliver reuse water for irrigation purposes. One of our required reuse water zones areas fell outside of the current awarded water main system. In addition to this item, we now are focused to develop a storm water reuse district that encompasses the immediate commercial business areas south of Trunk Highway Five. These efforts will allow the city to recoup expenses through a means of selling reuse storm water and collect fees associated with future development of the remaining commercial parcels as they work to meet the same Carver County's storm water requirements.

The City Engineer's work on bid specifications for installation of the poly reuse water main for directional drill. On December 29th, 2015 three bids were received as shown below:

| Contractor | Bid Amount |
|--------------------|-------------|
| EBI Drilling, Inc. | \$80,070.00 |
| CI Utilities, LLC | \$92,570.00 |
| Quam Construction | \$99,360.00 |

EBI Drilling, Inc. was the lowest bidder and recommended for award by the City Engineer. EBI Drilling, Inc. has completed several similar projects proposed by our City Engineer's as detailed in the attached recommendation letter dated December 30th, 2015.

Staff recommends approval for this request for action allowing contract documents to be prepared and completed.

| | | | | | | | |
|--|---------------------------------------|----------|--------------------------|--------------|--------------------------|--------------------|---|
| <p>FINANCIAL IMPLICATIONS:</p> <p>Funding Sources & Uses: Storm Water Cash</p> <p>Budget Information:</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/> X</td> <td>Budgeted</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Non Budgeted</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Amendment Required</td> </tr> </table> | <input checked="" type="checkbox"/> X | Budgeted | <input type="checkbox"/> | Non Budgeted | <input type="checkbox"/> | Amendment Required | <p>ADVISORY BOARD RECOMMENDATIONS:</p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
| <input checked="" type="checkbox"/> X | Budgeted | | | | | | |
| <input type="checkbox"/> | Non Budgeted | | | | | | |
| <input type="checkbox"/> | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-27**

RESOLUTION AUTHORIZING APPROVAL OF CONTRACT AWARD FOR TH 5 WATER REUSE WATER MAIN DIRECTIONAL DRILL WORK TO EBI DRILLING, INC. IN THE AMOUNT OF \$80,070.00, CIP PROJECT 2015-415

WHEREAS, one of the City’s Key Outcomes is to “Continually Improve Health of Lakes”; and

WHEREAS, efforts to meet Carver County Water Management Organizations filtration specifications the City chose storm water reuse; and

WHEREAS, in order to provide full system coverage a need to expand the reuse water main system is required; and

WHEREAS, quotes for said directional drilling were obtain as shown in the table below; and

| Contractor | Bid Amount |
|--------------------|-------------------|
| EBI Drilling, Inc. | \$80,070.00 |
| CI Utilities, LLC. | \$92,570.00 |
| Quam Construction | \$99,360.00 |

WHEREAS, EBI Drilling, Inc. provides the lowest cost quote, and has the ability to provide the necessary system materials and installation services.

NOW, THEREFORE, BE IT RESOLVED That the City Council of the City of Waconia hereby authorizes approval of contract award for Water Reuse Water Main Directional Drill work to EBI Drilling, Inc. in the amount of \$80,070.00.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

Attest: _____
Susan MH Arntz, City Administrator

| | | |
|----------|----------------|--|
| M/ _____ | Erickson _____ | |
| | Bloudek _____ | |
| S/ _____ | Carrier _____ | |
| | Ayers _____ | |
| | Sanborn _____ | |



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Consulting Engineers & Surveyors

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Phone (952) 448-8838 • Fax (952) 448-8805

www.bolton-menk.com

December 30, 2015

City of Waconia
Attn: Craig Eldred
310 East 10th Street
Waconia, MN 55387

**RE: TH 5 Water Reuse Mains
Water Reuse Project 1A**

Dear Mr. Eldred:

Quotes were received on December 29, 2015 for the above referenced project. The proposed work includes materials and labor necessary to extend water reuse mains on Marketplace Drive and Marketplace Boulevard. The quote process was pursued because the engineer's estimate was below \$100,000. Three quotes were received for the project and are tabulated below.

| CONTRACTOR | BID AMOUNT |
|----------------------------|----------------|
| EBI Drilling, Inc. | \$80,070.00 |
| CI Utilities LLC | \$92,570.00 |
| Quam Construction | \$99,360.00 |
| Ground Effects Directional | Did Not Submit |

The engineer's cost estimate for this project was \$87,500 so the low bid is about 8 percent below the estimate. EBI Drilling, Inc., the low bidder, is located in Duluth. EBI was the contractor on several of our projects and was found to be a competent and responsible contractor.

It is recommended to award this project to EBI Drilling, Inc. in the amount of \$80,070.00. Please contact me if you wish to discuss this project and recommendation in more detail.

Respectfully Submitted,
BOLTON & MENK, INC.

Kenneth Adolf, P.E.

cc: Jake Saulsbury, Bolton & Menk

ABSTRACT OF BIDS
 TH 5 WATER REUSE MAINS PROJECT 1A
 CITY OF WACONIA, MINNESOTA
 BMI PROJECT NO. C12.109425

1 2 3

| ITEM NO. | BID ITEM | APPROX. QUAN. | UNIT | 1 EBI DRILLING Duluth, MN | | 2 CI UTILITIES Blaine, MN | | 3 QUAM CONSTRUCTION Willmar, MN | |
|-------------------|--|---------------|------|---------------------------------|--------------------|---------------------------------|--------------------|---------------------------------------|--------------------|
| | | | | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 1 | MOBILIZATION | 1 | LS | \$7,500.00 | \$7,500.00 | \$10,000.00 | \$10,000.00 | \$4,500.00 | \$4,500.00 |
| 2 | TRAFFIC CONTROL | 1 | LS | \$3,500.00 | \$3,500.00 | \$5,000.00 | \$5,000.00 | \$3,000.00 | \$3,000.00 |
| 3 | REMOVE CONCRETE SIDEWALK | 600 | SF | \$4.00 | \$2,400.00 | \$4.00 | \$2,400.00 | \$2.00 | \$1,200.00 |
| 4 | DELETED | | | | | | | | |
| 5 | 2" HDPE DR 11 WATER REUSE MAIN (DIRECTIONAL DRILL) | 1,310 | LF | \$14.00 | \$18,340.00 | \$27.00 | \$35,370.00 | \$25.00 | \$32,750.00 |
| 6 | 3" HDPE DR 11 WATER REUSE MAIN (DIRECTIONAL DRILL) | 970 | LF | \$15.00 | \$14,550.00 | \$24.00 | \$23,280.00 | \$27.00 | \$26,190.00 |
| 7 | 2" BLOWOFF (PIPING ONLY) | 3 | EA | \$900.00 | \$2,700.00 | \$150.00 | \$450.00 | \$650.00 | \$1,950.00 |
| 8 | TRACER WIRE ACCESS BOX | 1 | EA | \$300.00 | \$300.00 | \$75.00 | \$75.00 | \$200.00 | \$200.00 |
| 9 | PRECAST CONCRETE HANDHOLE | 4 | EA | \$1,800.00 | \$7,200.00 | \$800.00 | \$3,200.00 | \$1,550.00 | \$6,200.00 |
| 10 | 2" GATE VALVE (NO BOX) | 4 | EA | \$800.00 | \$3,200.00 | \$300.00 | \$1,200.00 | \$275.00 | \$1,100.00 |
| 11 | 3" GATE VALVE (NO BOX) | 2 | EA | \$1,000.00 | \$2,000.00 | \$300.00 | \$600.00 | \$1,200.00 | \$2,400.00 |
| 12 | CAST IRON GATE VALVE BOX | 1 | EA | \$500.00 | \$500.00 | \$300.00 | \$300.00 | \$450.00 | \$450.00 |
| 13 | CONNECT TO EXISTING WATER REUSE MAIN | 1 | EA | \$1,500.00 | \$1,500.00 | \$1,200.00 | \$1,200.00 | \$1,000.00 | \$1,000.00 |
| 14 | 4" CONCRETE WALK | 600 | SF | \$12.00 | \$7,200.00 | \$5.00 | \$3,000.00 | \$16.00 | \$9,600.00 |
| 15 | TRUNCATED DOMES | 24 | SF | \$60.00 | \$1,440.00 | \$10.00 | \$240.00 | \$115.00 | \$2,760.00 |
| 16 | STRAW MULCH BIOLOG | 540 | LF | \$6.00 | \$3,240.00 | \$3.25 | \$1,755.00 | \$6.00 | \$3,240.00 |
| 17 | HYDROMULCH W/ STATE SEED MIX 25-141 | 600 | SY | \$5.00 | \$3,000.00 | \$5.00 | \$3,000.00 | \$2.20 | \$1,320.00 |
| 18 | BOULEVARD TOPSOIL BORROW, MNDOT 3877.2F (LV) | 50 | CY | \$30.00 | \$1,500.00 | \$30.00 | \$1,500.00 | \$30.00 | \$1,500.00 |
| TOTAL BID: | | | | | \$80,070.00 | | \$92,570.00 | | \$99,360.00 |

CI UTILITIES USED ORIGINAL BID SCHEDULE VERSUS ADDENDUM BID SCHEDULE.
 THIS ABSTRACT SHOWS ADJUSTMENT TO CORRECT SCHEDULE.



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19, 2016 |
| Item Name: | Authorize Contract Award for TH 5 Water Reuse Sprinkler System Installation to Kelly Green Irrigation; CIP Project 2015-415 |
| Originating Department: | Public Services |
| Presented by: | Craig Eldred, Public Services Director |

Previous Council Action (if any):

| | | | | | | |
|--------------------------------|---------|-------------------------------------|-----------------|--|--------------------|--|
| Item Type (X only one): | Consent | <input checked="" type="checkbox"/> | Regular Session | | Discussion Session | |
|--------------------------------|---------|-------------------------------------|-----------------|--|--------------------|--|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED *(Include motion in proper format.)*

Adopt Resolution 2016-28; Authorize Contract Award for TH 5 Water Reuse Sprinkler System Installation to Kelly Green Irrigation; CIP Project 2015-415

EXPLANATION OF AGENDA ITEM *(Include a description of background, benefits, and recommendations.)*

As part of the Trunk Highway Five improvements the City was required to meet Carver County's storm water filtration specifications. The choice the City took was to utilize storm water reuse irrigation as its practice. In order to dispense storm water from the reuse water mains we need to install appropriately sized irrigation systems.

Quotes for the irrigation system were requested by the City Engineering with the results shown in the table below:

| Contractor | Bid Amount |
|-------------------------------|-------------|
| Kelly Green Irrigation | \$22,935.00 |
| BNR Irrigation Services, Inc. | \$29,200.00 |

Kelly Green Irrigation provided the lowest bid, which was 17% below the Engineer's estimate. It is recommended that the contract award be to Kelly Green Irrigation for the amount shown. Kelly Green Irrigation is familiar with installation of storm water reuse delivery systems.

| | | | | | | | |
|---|-------------------------------------|----------|--------------------------|--------------|--------------------------|--------------------|---|
| <p>FINANCIAL IMPLICATIONS:</p> <p>Funding Sources & Uses: Storm Water Cash</p> <p>Budget Information:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/></td> <td>Budgeted</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Non Budgeted</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Amendment Required</td> </tr> </table> | <input checked="" type="checkbox"/> | Budgeted | <input type="checkbox"/> | Non Budgeted | <input type="checkbox"/> | Amendment Required | <p>ADVISORY BOARD RECOMMENDATIONS:</p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
| <input checked="" type="checkbox"/> | Budgeted | | | | | | |
| <input type="checkbox"/> | Non Budgeted | | | | | | |
| <input type="checkbox"/> | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-28**

RESOLUTION AUTHORIZING APPROVAL OF CONTRACT AWARD FOR TH 5 WATER REUSE SPRINKLER SYSTEM INSTALLATION TO KELLY GREEN IRRIGATION, CIP PROJECT 2015-415

WHEREAS, one of the City’s Key Outcomes is to “Continually Improve Health of Lakes”; and

WHEREAS, efforts to meet Carver County Water Management Organizations filtration specifications the City chose storm water reuse; and

WHEREAS, in order to dispense storm water to meet the established specifications there are needs to install an appropriately sized sprinkler system; and

WHEREAS, quotes for said sprinkler system were obtain as shown in the table below; and

| Contractor | Bid Amount |
|-------------------------------|-------------------|
| Kelly Green Irrigation | \$22,935.00 |
| BNR Irrigation Services, Inc. | \$29,200.00 |

WHEREAS, Kelly Green Irrigation provides the lowest cost quote, and has the ability to provide the necessary sized sprinkler system.

NOW, THEREFORE, BE IT RESOLVED That the City Council of the City of Waconia hereby authorizes approval of contract award of TH 5 Water Reuse Sprinkler System Installation to Kelly Green Irrigation.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

Attest: _____
Susan MH Arntz, City Administrator

| | | |
|----------|----------|-------|
| M/ _____ | Erickson | _____ |
| | Bloudek | _____ |
| S/ _____ | Carrier | _____ |
| | Ayers | _____ |
| | Sanborn | _____ |



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Consulting Engineers & Surveyors

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www.bolton-menk.com

December 30, 2015

City of Waconia
Attn: Craig Eldred
310 East 10th Street
Waconia, MN 55387

**RE: TH 5 Water Reuse Sprinkler System
Water Reuse Project 1B**

Dear Mr. Eldred:

Quotes were received on December 29, 2015 for the above referenced project. The proposed work includes materials and labor necessary to install the sprinkler systems in the permanent location in the north TH 5 ditch and also in two temporary irrigation areas. The quote process was pursued because the engineer's estimate was below \$100,000. Two quotes were received for the project and are tabulated below.

| CONTRACTOR | BID AMOUNT |
|-------------------------------|-------------|
| Kelly Green Irrigation | \$22,935.00 |
| BNR Irrigation Services, Inc. | \$29,200.00 |

The engineer's cost estimate for this project was \$27,500 so the low bid is about 17% below the estimate. Kelly Green Irrigation, the low bidder, is located in Victoria. Kelly Green was a subcontractor on a large water reuse project on which Bolton & Menk, Inc. was the engineer. They were found to be a competent and responsible contractor.

It is recommended to award this project to Kelly Green Irrigation Services in the amount of \$22,935.00. Please contact me if you have any questions.

Respectfully Submitted,
BOLTON & MENK, INC.

Kenneth Adolf, P.E.

cc: Jake Saulsbury, Bolton & Menk

ABSTRACT OF BIDS

TH 5 WATER REUSE SPRINKLER SYSTEMS PROJECT 1B
 CITY OF WACONIA, MINNESOTA
 BMI PROJECT NO. C.12.109425

| ITEM NO. | BID ITEM | APPROX. QUAN. | UNIT | 1 | | 2 | |
|-------------------|---|---------------|------|-----------------------------|--------------------|--------------------------------------|--------------------|
| | | | | KELLY GREEN Victoria, MN | AMOUNT | BNR IRRIGATION St. Bonifacius, MN | AMOUNT |
| 1 | TRAFFIC CONTROL | 1 | LS | \$855.00 | \$855.00 | \$1,120.00 | \$1,120.00 |
| 2 | IRRIGATION SYSTEM - AREA 1 | 1 | LS | \$7,827.00 | \$7,827.00 | \$7,935.00 | \$7,935.00 |
| 3 | IRRIGATION SYSTEM - AREA 2 | 1 | LS | \$2,819.00 | \$2,819.00 | \$3,078.00 | \$3,078.00 |
| 4 | IRRIGATION SYSTEM - AREA 3 | 1 | LS | \$5,997.00 | \$5,997.00 | \$8,885.00 | \$8,885.00 |
| 5 | IRRIGATION SYSTEM CONTROLLER - 110 V POWER | 2 | EA | \$495.00 | \$990.00 | \$942.00 | \$1,884.00 |
| 6 | IRRIGATION SYSTEM CONTROLLER - SOLAR POWER | 1 | EA | \$600.00 | \$600.00 | \$1,061.00 | \$1,061.00 |
| 7 | 2" HDPE DR 11 INSTALLATION IN EXISTING CONDUIT | 1 | LS | \$875.00 | \$875.00 | \$493.00 | \$493.00 |
| 8 | EXCAVATION AND REMOVAL OF EXISTING CONDUIT BENDS, IF REQUIRED | 1 | LS | \$165.00 | \$165.00 | \$400.00 | \$400.00 |
| 9 | CONNECTION TO EXISTING 2" HDPE STUB | 1 | EA | \$150.00 | \$150.00 | \$0.00 | \$0.00 |
| 10 | CONNECTION TO EXISTING 4" HDPE PIPE WITH 4" X 2" SADDLE | 2 | EA | \$145.00 | \$290.00 | \$0.00 | \$0.00 |
| 11 | BLOWOFF AND CONNECTION BOX | 3 | EA | \$789.00 | \$2,367.00 | \$1,448.00 | \$4,344.00 |
| TOTAL BID: | | | | \$22,935.00 | \$22,935.00 | \$29,200.00 | \$29,200.00 |

QUANTITY AND UNIT FOR ITEM 7 ARE REVISED FROM 140 LF TO 1 LS AS BOTH BIDDERS BASED BIDS ON LS.

NO PRICE PROVIDED



REQUEST FOR CITY COUNCIL ACTION

| | |
|--------------------------------|---|
| Meeting Date: | January 19, 2016 |
| Item Name: | Authorize Specifications and Bids for Boat 11 Project |
| Originating Department: | Fire Department |
| Presented by: | Mark Morse, Fire Chief |

Previous Council Action: Resolution 2015- 228 Declaring 1997 Boat, Motor and Trailer Surplus Equipment.

| | | | | | | |
|--------------------------------|---------|---|-----------------|--|--------------------|--|
| Item Type (X only one): | Consent | X | Regular Session | | Discussion Session | |
|--------------------------------|---------|---|-----------------|--|--------------------|--|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED *(Include motion in proper format.)*

Adopt Resolution 2016 -30, Authorizing Specifications and Bids for Boat 11 project.

EXPLANATION OF AGENDA ITEM *(Include a description of background, benefits, and recommendations.)*

On July 18, 2015 the Fire Department’s main fire/rescue boat sustained irreparable damaged in a severe weather event on Lake Waconia while docked in its slip at the In Towne Marina. The Department performed some initial research on replacing the boat and found that due to the time of the year it was not the ideal time to try to initiate its replacement. Additionally, the Department wanted to methodically design its replacement to best meet the needs of the community in the future. The Department established some additional mutual aid protocols with neighboring Departments to assist with any emergency needs on Lake Waconia. We also adjusted response protocols for the other smaller boats in our operations for the remaining bodies of water in the Fire District. This project is identified in the Fire Department 2016 Capital Improvement Plan and has \$80,000 identified for the project. The Department is requesting authorization to draft specifications and obtain bids for the replacement of Boat 11 with the expectation to be able to place the boat in service prior to the 2016 boating season.

| | | | | | | | |
|--|--------------------|----------|--|--------------|--|--------------------|---|
| <p>FINANCIAL IMPLICATIONS: Funding Sources & Uses: Capital Equipment Fund</p> <p>Budget Information:</p> <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">X</td> <td>Budgeted</td> </tr> <tr> <td></td> <td>Non Budgeted</td> </tr> <tr> <td></td> <td>Amendment Required</td> </tr> </table> | X | Budgeted | | Non Budgeted | | Amendment Required | <p>ADVISORY BOARD RECOMMENDATIONS:</p> <p>Planning Commission</p> <p>Parks and Recreation Board</p> <p>Safari Island Advisory Board</p> <p>Other</p> |
| X | Budgeted | | | | | | |
| | Non Budgeted | | | | | | |
| | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-30**

**RESOLUTION AUTHORIZING SPECIFICATIONS AND BIDS FOR FIRE
BOAT 11 PROJECT**

WHEREAS, The Fire Department's primary rescue boat was damaged beyond repair in a storm on July 18, 2015; and

WHEREAS, its replacement is identified in the 2016 capital improvement plan with an expected replacement cost of \$80,000; and

WHEREAS, the Department plans to obtain a new boat in time for the 2016 boating season.

NOW THEREFORE, BE IT RESOLVED, that the City Council of the City of Waconia authorizes the Fire Chief to develop specifications and request bids for the Fire Boat 11 Capital Equipment Project.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

ATTEST: _____
Susan MH Arntz, City Administrator

M/ _____

S/ _____

Ayers _____

Carrier _____

Erickson _____

Bloudek _____

Sanborn _____



REQUEST FOR CITY COUNCIL ACTION

| | | | | | |
|--|---|-----------------|--------------------|-----------------|--------------------|
| Meeting Date: | January 19, 2016 | | | | |
| Item Name: | Authorization to Apply for Assistance to Firefighters Grant for Operations & Safety Equipment – Homeland Security & Emergency Management (HSEM) | | | | |
| Originating Department: | Fire Department | | | | |
| Presented by: | Fire Chief Mark Morse | | | | |
| Previous Council Action (if any): | | | | | |
| Item Type (X only one): | <table border="1"> <tr> <td>Consent</td> <td>X</td> <td>Regular Session</td> <td>Discussion Session</td> </tr> </table> | Consent | X | Regular Session | Discussion Session |
| Consent | X | Regular Session | Discussion Session | | |

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Adopt Resolution 2016-31, Authorizing Staff to Prepare and Submit Assistance to Firefighters Grant for Operations & Safety Equipment with Homeland Security & Emergency Management (HSEM)

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

The fire department is continually seeking grant opportunities to assist with the cost to replace equipment used routinely by the department. The Department of Homeland Security and Emergency Management (HSEM) has a grant opportunity called the Assistance to Firefighters Grant. This grant can be applied for by departments for operations and safety equipment or for vehicle acquisition. The department is requesting to submit an application for assistance with operations and safety for 2016.

The grant funds are planned to be used to replace 32 portable radios, 7 Mobile radios and 1 base station radio. Currently, the 2016 fire department operating budget includes replacement of 2 portable radios, with \$9,000 budgeted. The department plans to continue small quantities for replacement of this item each year unless the grant is awarded by HSEM. Grant funds received will assist in offsetting the costs of these items and allow other needed equipment replacement. Additionally it will outfit the organization with one brand of radios versus the two it currently has.

The grant has a matching component requirement of \$7,485. The department currently has funds budgeted for replacement of equipment this year and will be able to cover this matching component if the grant is awarded. Staff is requesting authorization to prepare and submit an application for the grant and will notify the Council if the grant is awarded.

| | | | | | | | |
|--|--------------------|----------|----------------|--------------|-------|--------------------|--|
| <p><i>FINANCIAL IMPLICATIONS:</i> Funding Sources & Uses: General Fund (101) – Fire Department</p> <p>Budget Information:</p> <table border="1"> <tr> <td>_____</td> <td>Budgeted</td> </tr> <tr> <td>X _____</td> <td>Non Budgeted</td> </tr> <tr> <td>_____</td> <td>Amendment Required</td> </tr> </table> | _____ | Budgeted | X _____ | Non Budgeted | _____ | Amendment Required | <p><i>ADVISORY BOARD RECOMMENDATIONS:</i></p> <p>Planning Commission Parks and Recreation Board Safari Island Advisory Board Other</p> |
| _____ | Budgeted | | | | | | |
| X _____ | Non Budgeted | | | | | | |
| _____ | Amendment Required | | | | | | |

**CITY OF WACONIA
RESOLUTION NO. 2016-31**

**RESOLUTION AUTHORIZING STAFF TO PREPARE AND SUBMIT ASSISTANCE
TO FIREFIGHTERS GRANT FOR OPERATIONS & SAFETY EQUIPMENT WITH
HOMELAND SECURITY & EMERGENCY MANAGEMENT (HSEM)**

WHEREAS, City Staff has budgeted for replacement of equipment in the 2016 approved fire department budget; and

WHEREAS, the equipment being replaced is essential to the operations and safety of the department; and

WHEREAS, the Department of Homeland Security & Emergency Management is offering an Assistance to Firefighters Grant for Operations and Safety to a local government for equipment replacement in 2016; and

WHEREAS, the grant would allow for the fire department to replace 40 radios instead of 2 radios as budgeted; and

WHEREAS, the grant has a matching component of \$7,485 that must be met if the grant were to be awarded; and

WHEREAS, if awarded, the grant would be \$157,200 and the required match is budgeted for fire department equipment replacement in the City's 2016 general fund budget.

NOW, THEREFORE, BE IT RESOLVED the City Council of the City of Waconia hereby authorizes the Fire Chief to prepare and submit the grant application to the Department of Homeland Security & Emergency Management on behalf of the City of Waconia for the Assistance to Firefighters grant for operations and safety for the 2016 budget year.

Adopted by the City Council of Waconia, Minnesota this 19th day of January 2016.

Jim Sanborn, Mayor

ATTEST: _____
Susan MH Arntz, City Administrator

| | | |
|---------|----------|-------|
| M/_____ | Erickson | _____ |
| | Bloudek | _____ |
| S/_____ | Carrier | _____ |
| | Ayers | _____ |
| | Sanborn | _____ |



REQUEST FOR CITY COUNCIL ACTION

| | |
|--|--|
| Meeting Date: | January 19, 2016 |
| Item Name: | Authorize Purchase & Award of Tandem Truck Chassis and Dump Body & Winter Maintenance Equipment; CIP Project 77 |
| Originating Department: | Public Services |
| Presented by: | Craig Eldred, Public Services Director |
| Previous Council Action (if any): | January 4, 2016; Authorization of City Staff to Obtain Mobile and Fixed Equipment Pricing for 2016 as Outlined in Memo |

| | | | | | | |
|--------------------------------|---------|---|-----------------|--|--------------------|--|
| Item Type (X only one): | Consent | X | Regular Session | | Discussion Session | |
|--------------------------------|---------|---|-----------------|--|--------------------|--|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED *(Include motion in proper format.)*

Adopt Resolution 2016-32; Authorize Purchase & Award of Tandem Truck Chassis and Dump Body & Winter Maintenance Equipment; CIP Project 77

EXPLANATION OF AGENDA ITEM *(Include a description of background, benefits, and recommendations.)*

The focus of this request for action is the replacement of Public Services 2001 International dump truck with winter maintenance equipment. This unit has served the community for 15 years including a three-year replacement extension through past capital planning review. The current 2016 Capital Improvement Plan includes funding guided through Capital Equipment with a designated funding estimate of \$250,740.00.

Public Services reviewed the current and projected seasonal maintenance needs for this unit replacement, and have determined a need to increase the new acquisition from a single axle to a tandem axle. The community has grown exponentially since its last dump truck acquisition in 2009 through a means of new, future roadway expansions and additional turn backs of County roadways including expected additions in 2017. The need to maintain service levels specifically for winter maintenance is of demand and would be challenging without increasing this units versatility.

Through means of utilizing the State of Minnesota Equipment Purchasing process we met with suppliers for each the truck chassis and dump body and winter maintenance equipment installers. Concerns that staff addressed relative to the previous 2001 International were new technology, improved emissions, under body plow and rear wing application, plow cutting edges that reduce vibrations, pre-wetting capabilities that reduce staff time for trucking snow, and a slide-in liquid direct application system for anti-icing and deicing efforts to reduce winter maintenance costs and environmental impacts. From this effort two chassis suppliers and two equipment suppliers were utilized for pricing purposes with costs associated listed within the tables below.

Chassis & Trade Value

| Equipment Supplier | Equipment | Chassis Price | Trade Value | Net Chassis Price |
|----------------------|-------------------|---------------|-------------|-------------------|
| Nuss Truck Equipment | Mack GU713 | \$116,273.00 | \$22,000.00 | \$94,273.00 |
| Boyer Trucks | Western Star 4700 | \$116,766.00 | \$16,000.00 | \$100,766.00 |

Based upon the Chassis costs and trade value we would recommend awarding Nuss Truck Equipment the sale of its Mack GU713 tandem unit. Currently, Public Services maintain a strong inventory of Mack chassis which allows our Mechanic a familiarity and standardization for our large mobile truck units. Parts inventory for preventive maintenance services would also be maintained through this acquisition.

Dump Body & Winter Maintenance Equipment

| Equipment Supplier | Dump Body & Winter Maintenance Equipment | Net Price |
|------------------------------|---|--------------|
| Towmaster Truck Equipment | Dump Body, Plow Equipment Direct Liquid Application System | \$140,695.00 |
| Aspen Equipment | Dump Body, Plow Equipment Direct Liquid Application System | \$138,498.00 |
| Public Service Acquisition | JOMA Plow Edges | \$7,500.00 |
| Public Service Acquisition | Appurtenant Safety Equipment City Decals | \$5,500.00 |

It is staff's recommendation that the dump body and winter maintenance equipment be awarded to Towmaster Truck Equipment for several reasons. Towmaster Truck Equipment is structured exactly like our current newer dump bodies. Features and uses for staff are the same which allows for familiarity as staff utilizes the various chassis plow combinations. The direct liquid application system is exactly like our current system, and the unit frame provided by Towmaster Truck Equipment is galvanized which will last much longer than a painted frame unit. In all the extra cost amounts to approximately \$2,197.00 and were confident the familiarity of use and life expectancy will out weight these costs.

The Public Service acquisitions include special plow edges which cannot be supplied by the Equipment Supplier. We feel these plow edges bring value through extended life, and lowered amounts of vibration to the chassis and noise as utilized by staff for snow removal. The plow edges would mount to the front plow and underbody. The appurtenant equipment includes mobile radio, radio port equipment, City decals, vehicle number and cab features such as seat covers and floor mats designed to protect the cab chassis from deicing chemical contamination.

As a result of this analysis the following table provides the overall cost to build one tandem chassis, dump body and winter maintenance equipment installation.

Final Analysis of Acquisition

| Equipment Supplier | Equipment | Net Price |
|-------------------------------|---|---------------------|
| Nuss Truck Equipment | Mack GU713 | \$94,273.00 |
| Towmaster Truck Equipment | Dump Body, Plow Equipment Direct Liquid Application System | \$140,695.00 |
| Public Service Acquisition | JOMA Plow Edges | \$7,500.00 |
| Public Service Acquisition | Appurtenance Safety Equipment City Decals | \$5,500.00 |
| Total Acquisition Cost | | \$247,968.00 |

FINANCIAL IMPLICATIONS:

Funding Sources & Uses: Capital Equipment

Budget Information:

- Budgeted
 Non Budgeted
 Amendment Required

ADVISORY BOARD RECOMMENDATIONS:

- Planning Commission
 Parks and Recreation Board
 Safari Island Advisory Board
 Other

**CITY OF WACONIA
RESOLUTION NO. 2016-32**

RESOLUTION AUTHORIZING APPROVAL OF PURCHASE & AWARD OF TANDEM TRUCK CHASSIS AND DUMP BODY & WINTER MAINTENANCE EQUIPMENT; CIP PROJECT 77

WHEREAS, one of the City’s Key Outcomes is to “Maintain Multi-Modal Transportation Infrastructure System”; and

WHEREAS, through a means of utilizing the State of Minnesota Equipment Purchasing process Public Services worked with equipment suppliers on formulating a chassis dump body combination for varied seasonal maintenance; and

WHEREAS, final analysis of the acquisition costs associated from the pricing received and the need to maintain similar and familiar equipment for ease of use weighed heavily in the Final Analysis of Acquisition table below; and

Final Analysis of Acquisition

| Equipment Supplier | Equipment | Net Price |
|----------------------------|---|---------------------|
| Nuss Truck Equipment | Mack GU713 | \$94,273.00 |
| Towmaster Truck Equipment | Dump Body, Plow Equipment Direct Liquid Application System | \$140,695.00 |
| Public Service Acquisition | JOMA Plow Edges | \$7,500.00 |
| Public Service Acquisition | Appurtenant Safety Equipment City Decals | \$5,500.00 |
| | Total Acquisition Cost | \$247,968.00 |

WHEREAS, recommendations for acquisition to Nuss Truck Equipment for the chassis and Towmaster Truck Equipment were guided by familiarity, ease of use, and life expectancy while staying with in the Capital Improvement Plan for Capital Equipment.

NOW, THEREFORE, BE IT RESOLVED That the City Council of the City of Waconia hereby authorizes approval of purchase & award of tandem truck chassis and dump body & winter maintenance equipment; CIP Project 77.

Adopted by the City Council of the City of Waconia this 19th day of January, 2016.

James P. Sanborn, Mayor

Attest: _____
Susan MH Arntz, City Administrator

| | |
|----------|----------------|
| M/ _____ | Erickson _____ |
| | Bloudek _____ |
| S/ _____ | Carrier _____ |
| | Ayers _____ |
| | Sanborn _____ |



REQUEST FOR CITY COUNCIL ACTION

| | |
|--|---|
| Meeting Date: | January 19 th , 2016 |
| Item Name: | Variance Request by Greg & Bria James (dba. Iron Tap) from the Rooftop Equipment Screening Requirements for the Property located at 140 Main Street West. |
| Originating Department: | Planning and Zoning |
| Presented by: | Lane L. Braaten, Community Development Director |
| Previous Council Action (if any): | October 20 th , 2014 – City Council Approval for Site Plan and Design Review for Jax Taphouse/Iron Tap at 140 Main Street West. January 20 th , 2015 – City Council Approval for Site Plan and Design Review for Jax Taphouse/Iron Tap for the properties at 140 and 144 Main Street West. |

| | | | | | | |
|--------------------------------|---------|--|-----------------|-------------------------------------|--------------------|--|
| Item Type (X only one): | Consent | | Regular Session | <input checked="" type="checkbox"/> | Discussion Session | |
|--------------------------------|---------|--|-----------------|-------------------------------------|--------------------|--|

RECOMMENDATIONS/COUNCIL ACTION/MOTION REQUESTED (Include motion in proper format.)

Adopt Resolution 2016-33 Approving the Variance Request by Greg & Bria James (dba. Iron Tap) relieving them from the rooftop screening requirements stated in the Architectural Design Standards in the Downtown District for the property located at 140 Main Street West.

EXPLANATION OF AGENDA ITEM (Include a description of background, benefits, and recommendations.)

BACKGROUND:

Applicant: Greg & Bria James

Owner: Greg & Bria James (dba. Iron Tap)

Address: 140 Main Street West, Waconia MN

PID# 750503720

Zoning: B-3, Central Business District & Shoreland Overlay District

Design District: Downtown District

Lot Size: Approx. 0.1 acres or 4,356 sq. ft.

REQUEST:

The City has received a Variance Application from Greg & Bria James (the “applicants”) requesting an exception to the Architectural Design Standards regarding rooftop screening in the Downtown Design District. Specifically, the applicants have requested a variance “to not enclose the rooftop kitchen equipment.” The variance request is necessary as Section 900.06, Subd. 9.C.7 of the City Ordinance states: “All rooftop equipment shall be screened from view from adjacent streets, public rights-of-way and adjacent properties.”

APPLICABLE ORDINANCE PROVISIONS:

1. Section 900.05 – District Regulations, Subd. 2.H – B-3, Central Business District
2. Section 900.06, Subd. 7. – Shoreland Overlay District
3. Section 900.06 – Subd. 9.D – Design Standards, Downtown District
4. Section 900.12 – Administration, Enforcement and Procedures, Subd. 4 – Variances

VARIANCE REVIEW CRITERIA:

Waconia City Code Section 900.12, Subd. 4 and Minnesota State Statute 462.357, Subd. 6 establishes criteria to be considered when contemplating the issuance of a variance in terms of “practical difficulty” as follows: Variances

shall only be permitted when they are in harmony with the general purposes and intent of the ordinance and when the terms of the variance are consistent with the comprehensive plan.” So a city evaluating a variance application should make findings as to:

1. Is the variance in *harmony with* the purposes and intent of the ordinance?
2. Is the variance *consistent with* the *comprehensive plan*?
3. Does the proposal put property to use in a *reasonable manner*?
4. Are there *unique circumstances* to the property not created by the landowner?
5. Will the variance, if granted, alter the *essential character* of the locality?

State statute specifically notes that economic considerations alone cannot create practical difficulties. Whereas, practical difficulties exist only when the three statutory factors are met (1. reasonableness, 2. uniqueness, and 3. essential character).

PLANNING CONSIDERATIONS:

1. The applicants have stated their intent is to leave the rooftop mechanical unscreened per the information stated in their Variance Request Letter (Attachment # 4), the letter from their architect (Attachment #6) dated October 8th, 2014, and the letter from their engineer (Attachment #7) dated January 7th, 2016.
2. The applicants received final Site Plan and Design Review approval from the City Council on January 20th, 2015, which included the requirement to screen the existing rooftop mechanical equipment.
3. Based on site visit on Tuesday, December 29th, 2015, all of the conditions of approval associated with Site Plan and Design Review have been completed except for the trash enclosure on the property and the screening of the rooftop mechanical.
4. The property is located in the Downtown Design Standards District which requires all rooftop mechanical to be screened from view from adjacent streets, public rights-of-way and adjacent properties.
5. There are residentially zoned properties to the north of the subject parcel from which the rooftop mechanical is visible.
6. The Planning Commission held a Public Hearing on Thursday, January 7th in which all public comment was received and considered.
7. The applicant has indicated three reasons for the variance to be approved, which I summarize below (see Attachment #4):
 - a) The rooftop is not structurally sound enough to add additional weight.
 - b) The visibility of the equipment is minimal since the completion of the project.
 - c) There is decreased visibility of the equipment due to the new color of the building siding.

PUBLIC NOTICE/COMMENT:

The notice was published in the WACONIA PATRIOT on December 24th, 2015 and posted at Waconia City Hall. Individual notices were mailed to property owners within 350 feet of the subject parcel. The comments received have been attached to this report as Attachment #8.

CONCLUSION/RECOMMENDATION:

The Planning Commission, at their regular meeting on January 7th, 2016, via a 5-0 vote, recommended approval of the variance request submitted by Greg and Bria James to vary from the Downtown District Design Standards and not install the rooftop equipment screening as required by ordinance.

If the City Council chooses to approve the Variance request the Planning Commission would recommend the approval upon the following conditions:

1. The trash enclosure be completed by June 1st, 2016.

ATTACHMENTS:

1. Draft Resolution (2 pages)
2. Location Map (1 page)
3. Variance Application (3 pages)
4. Statement of Variance (1 page)

5. Public Hearing Notice (1 page)
6. Architect Comments (1 page)
7. Engineer Comments dated January 7, 2016 (2 Pages)
8. Public Hearing Comments (4 pages)
9. Property Images (5 pages)

FINANCIAL IMPLICATIONS:

Funding Sources & Uses:

Budget Information:

Budgeted

Non Budgeted

Amendment Required

ADVISORY BOARD RECOMMENDATIONS:

Planning Commission

Parks and Recreation Board

Safari Island Advisory Board

Other

**Recommended Approval
via a 5-0 vote
on January 7th, 2016**

CITY OF WACONIA
RESOLUTION NO. 2016-33

RESOLUTION APPROVING A VARIANCE
FROM THE ROOFTOP EQUIPMENT SCREENING REQUIREMENT
IN THE DOWNTOWN DISTRICT
FOR THE PROPERTY LOCATED AT 140 MAIN STREET WEST

WHEREAS, Greg & Bria James (the “**Applicants**”) have submitted a Variance application to the City of Waconia (the “**City**”) pursuant to Section 900.12, Subd. 4 of the Waconia City Code; and

WHEREAS, the subject parcel is located at 140 Main Street West and is identified as PID# 750503720 (the “**Property**”); and

WHEREAS, the Applicants have requested a variance from Section 900.06, Subd. 9.D.7 of the City Ordinance which states: “*All rooftop equipment shall be screened from view from adjacent streets, public rights-of-way and adjacent properties.*”, and

WHEREAS, the City Council has reviewed the variance information provided in the staff report dated January 19th, 2016; and

WHEREAS, Section 900.12, Subd. 4 of the Waconia City Code and Section 462.357, Subd. 6 of the Minnesota Statutes provide specific criteria for the City Council to consider when either in approval or denial of a variance application; and

WHEREAS, the City Council further finds and concludes:

1. The requested variance is in harmony with the purpose and intent of applicable zoning ordinance provisions of the Waconia City Code and the City’s Comprehensive plan in that the building and site improvements have brought the building and property into greater compliance with said requirements stated in each of the afore-mentioned documents.
2. Allowing the property owners to vary from the Downtown District Architectural Design standards is reasonable in that they have not completed any substantial or structural changes to the existing building. The extent of the work for the building at 140 Main Street West included new siding and repainting of the building.
3. The age of the existing structure and the construction practices at the time did not take into consideration any additional weight or snow load issues on the roof, which would result from the installation of rooftop equipment screening. The buildings structural issues are unique circumstances not created by the landowner.
4. The rooftop equipment on neighboring properties in the Downtown District are not screened per the Architectural Design Standards and therefore allowing no rooftop screening for the subject parcel would be in keeping with the character of the neighborhood.

WHEREAS, the Planning Commission held a public hearing on January 7th, 2016 and

received all comments regarding this application and voted 5-0 to recommend approval of the variance relieving the Applicants from the rooftop equipment screening requirement stated in the Downtown District Architectural Design Standards for the property located at 140 Main Street West with the following condition:

- 1) The trash enclosure, which was required as part of the original Site Plan approval, shall be installed by June 1st, 2016.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Waconia hereby approves the Variance request submitted by Greg and Bria James to relieve them from the rooftop screening requirements stated in the Downtown District Architectural Design Standards for the property located at 140 Main Street West.

Passed and adopted by the City Council of the City of Waconia this 19th day of January, 2015.

James P. Sanborn, Mayor

ATTEST: _____
Susan MH Arntz, City Administrator

M/ _____

Bloudek _____

Carrier _____

S/ _____

Erickson _____

Ayers _____

Sanborn _____

LOCATION MAP—140 MAIN STREET WEST





CITY OF WACONIA
201 South Vine Street
Waconia, MN 55387
Phone: (952) 442-2184 Ext. 2
Fax (952) 442-2135
www.waconia.org

VARIANCE

APPLICANT INFORMATION

1. Owner's Name: Greg + Bria James
2. Address of Property: 140 W. Main St., Waconia MN 55387
3. Legal Description: _____
4. Applicant's Name: Bria James
5. Mailing Address: 1883 Sandbar Cir., Waconia MN 55387
6. Daytime Phone(s): 952-303-1462
7. Email Address: gbjames@hotmail.com

The City will distribute copies & appropriate information to applicant via email

OFFICE USE ONLY

Date Received: 11/16/15

Fee: \$ 275⁰⁰
Receipt #: 237801



CITY OF WACONIA
201 South Vine Street
Waconia, MN 55387
Phone: (952) 442-2184 Ext. 2
Fax (952) 442-2135

VARIANCE APPLICATION

1. Present Zoning: B3
2. Existing use of Property: Restaurant Iron Tap
3. Has request for a variance on this property been sought previously? If so, when? No

IMPORTANT

Subd. 4. Variances

- A. No variance shall be granted to allow a use not permitted under the terms of this Ordinance in the district involved. In granting a variance the Board may prescribe appropriate conditions in conformity with this Ordinance. When such conditions are made part of the terms under which the variance is granted, violation of the conditions is a violation of this Ordinance. A variance shall not be granted by the Board unless it conforms to the following standards:
1. Special conditions and circumstances exist which are peculiar to the land, structure, or building involved and do not result from the actions of the petitioner.
 2. Literal interpretation of the provisions of this Ordinance would deprive the petitioner of rights commonly enjoyed by other properties in the same district under the terms of this Ordinance.
 3. Granting the variance requested will not confer on the applicant any special privilege that is denied by this Ordinance to other lands, structures, or buildings in the same district.
 4. The proposed variance will not impair an adequate supply of light and air to adjacent property, or unreasonably diminish or impair established property values within the surrounding area, or in any other respect impair the public health, safety, or welfare of the residents of the City.
 5. FINANCIAL SAVINGS WILL NOT CONSTITUTE A HARDSHIP.

THE FOLLOWING INFORMATION MUST BE FURNISHED IN ORDER TO PROCESS THE APPLICATION

1. A letter from the applicant(s) which should address the following:
 - Explain (in detail) the variance you are requesting (giving distances where appropriate).
 - Conditions or peculiar difficulties to the structure or land, which makes a variance necessary.
 - Why do you feel a variance should be granted in this instance?
2. Payment of application fee (**\$125 residential; \$275 non-residential**)
3. **Non-residential variance requests are required to submit an escrow payment in the amount of \$1,000.00.**

****Additional information may be requested by staff, based on the proposal. Additional consulting review fees may apply, such as civil engineering and legal counsel.**

4. Scaled site plan with north arrow indicating existing structures and proposed additions or modification to structures.
5. Show all distances of buildings and structures from property lines.
6. Show any unique features to property associated with variance request (i.e. trees, ravines, steep slopes, etc.).

The Planning Commission may or may not hold a public hearing on the request (based on the amount of the variance requested). The Planning Commission should make a recommendation to the City Council within sixty (60) days. If they do not, the City Council may proceed without the Planning Commission's recommendation.

The City Council may approve, approve with conditions, or deny the variance. If a variance is denied the applicant cannot resubmit a variance request for that same property until six (6) months has lapsed. If a variance is approved, it should be made use of within one (1) year or it will become void.

A violation of any condition set forth in the granting of the variance shall be a violation of the zoning ordinance and automatically terminate the variance.

Applicant's Signature: B. James

Date: 11/11/15

Printed Name: Bria James

Greg & Bria James

Iron Tap LLC

140 W. Main St, Waconia 55387

Variance Request

Dear Planning Commission & City Council,

We would like to request a variance for the Iron Tap property at 140 W. Main Street. The variance requested is to not enclose exposed rooftop kitchen equipment which was previously discussed with original build out plans.

There are multiple reasons why we would like to request a variance, and they are listed below.

1. A structural engineer has previously evaluated the property and deemed the rooftop not structurally sound to add additional weight, which includes the materials that would be used to build enclosure as well as added snow load that an enclosure could potentially create. There were no changes to this part of the building with the exception of exterior paint. We consider this a special condition of the building. (Letter enclosed)
2. Visibility of this equipment is very minimal since the completion of the entire project. When looking at the properties (140 and 144 W. Main Street) from the street level at the front of the buildings and even extending to the corner of the street, the equipment is not visible. When approaching from the east, the equipment is not visible. When approaching from the South on Vine Street, the equipment is not visible. When approaching from the west, the equipment is visible for a couple seconds while approaching the stop sign. The equipment is only fully visible when approaching from the north on the side street, which is not heavily traveled. (Pictures enclosed)
3. There is decreased visibility of this equipment due to the new color of building siding. The majority of the rooftop equipment is grey with blends in nicely with our new grey siding and does not stand out. (Picture enclosed)

Thank you for your time and considering our concerns to this matter.

Bria and Greg James

CITY OF WACONIA, MN
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Planning Commission of the City of Waconia, MN, will hold a public hearing on Thursday, January 7th, 2015 at 6:30 p.m., at the Waconia City Hall, 201 South Vine Street, Waconia, MN, to consider a variance request by Greg and Bria James (dba. Iron Tap) to vary from the Downtown District Design Standards for the property located at 140 Main Street West.

The applicant is requesting approval of a variance which would relieve them from the rooftop equipment screening requirements stated in the Architectural Design Standards for the Downtown District.

Pertinent information pertaining to this request is available at the City Hall. Interested persons may submit written or oral comments pertaining to this matter any time prior to the hearing, or at the hearing on Thursday, January 7th, 2015. Written comments will be distributed to the Planning Commission for review and consideration. Please submit written comments by mail, email or in person as follows:

Mail/in person: Lane L. Braaten, 201 South Vine Street, Waconia, MN 55387
Email: lbraaten@waconia.org

By: WACONIA PLANNING COMMISSION

ATTEST: Lane L. Braaten, Community Development Director

(Published in the December 24th, 2015 Waconia Patriot newspaper)

October 8, 2014

Greg & Bria James

140 West Main St.

Waconia, MN

SUBJECT: Site Plan Review - Screening of Equipment

Dear Greg & Bria,

I have two comments regarding the screening of the rooftop mechanical equipment as mentioned in the Site Plan Review staff report.

First, any screening of the roof top equipment would change the historic scale and appearance of this turn of the century building. It would minimize the appearance of both the existing roof line and eave edges, changing the profile of the overall building.

Secondly, and most importantly any additionally screening would greatly impact the structural integrity of this century old building. Added screening would increase the drifting / snow loading on the existing roof , requiring costly structural modification to the existing structure.

We are prepared to assist in any manor you see fit and available for further discuss.

Sincerely,

Jack Amdal, AIA

Studio 55 Architects, LLP

Paumen & Associates, Inc.

Structural Engineers

929 12th St E., Suite 1 Glencoe, MN 55336
Phone: (320) 864-5642 FAX: (320) 864-5672
www.paumenassociates.com

January 7, 2016

Iron Tap
Bria James
140 Main St W
Waconia, MN 55387

RE: Mechanical Equipment Screen Analysis
Iron Tap
140 Main St W
Waconia, MN

Dear Mrs. James:

As requested, I visited the building identified above on January 6, 2016, and observed the existing roof structure above the kitchen for the purpose of analyzing the structure for supporting a proposed mechanical equipment screen.

Our analysis follows the requirements of the 2015 Minnesota State Building Code.

The existing roof above the kitchen is a single story consisting of wood roof joists with a minimal pitch and a rubber membrane roof finish. The existing roof joists span approximately 18'. The attached portion of the building to the south is two story pitched roof with a parapet on the south end at the street.

It is my understanding that the mechanical equipment on the roof is required to be screened as noted in the City of Waconia Ordinances, Section 900.6, Sub.9, #7. When the City of Waconia Ordinance states "All rooftop equipment shall be screened...", I have assumed that the screen is required to meet Section 1509.6, Mechanical Equipment Screens, in the 2015 Minnesota State Building Code. Section 1509.6 states; "Mechanical equipment screens shall be constructed of the materials specified for the exterior walls in

accordance with the type of construction of the building.” Therefore, my analysis of the existing roof is using the required mechanical screen noted in the 2015 Minnesota State Building Code.

One interpretation to meet the requirements of the City of Waconia Ordinance, a mechanical screen would be required on all sides of the existing roof and constructed as a parapet wall matching the existing exterior finish with some type of design which would allow water to drain off. A second interpretation and more liberal may be made that a mechanical screen would only be required on the north and west portion of the roof if the property from the east cannot see the existing mechanical equipment.

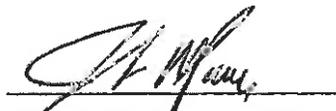
For my analysis, I have used the more liberal second interpretation as it would result in the lowest amount of required snow load for the existing roof joists to support. In my opinion, the installation of a mechanical equipment screen would increase the required snow load to such a point that would be deemed unsafe and therefore I would not install said mechanical equipment screen. In my opinion, the installation of any type of screen would also violate Chapter 7 of the 2015 Minnesota Conservation Code for Existing Buildings which states; “An existing building or portion thereof shall not be altered such that the building becomes less safe than its existing condition.”

Our involvement in the analysis of this structure is limited to the individual members addressed and specified in this report. All other engineering and design remains the responsibility of others.

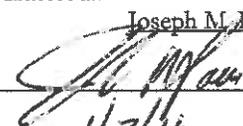
If you require any further information please contact me.

Sincerely,

Paumen & Associates, Inc.



Joseph M. Paumen, P.E.
Project Engineer

| |
|--|
| <p>I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.</p> <p>Joseph M. Paumen</p>  <hr/> <p>Date <u>11/2/16</u> License No. 42342</p> |
|--|

Lane Braaten

From: Lawrence Bodahl <ldbodahl@gmail.com>
Sent: Thursday, December 31, 2015 11:30 AM
To: Lane Braaten
Subject: Iron Tap variance request

Good Morning Lane,

I received a public hearing notice a few days ago regarding a variance for the Iron Tap. I sent the following italicized paragraphs to Planning Commission member Mike Blanchfield for his comment. My reasoning was that I know Mike and he lives on Lake Street and is familiar with our home and location and assuming he had received all the pertinent information. Mike responded that as of this writing he hadn't received the packet but encouraged me to share my questions with you. I trust you have researched this request and will be making a planning report and recommendation, and while doing so I trust you will also take into consideration some of my questions and concerns. I freely admit that I have a biased interest in the development / redevelopment of the central business district as it interfaces with residential uses, and we have discussed this in writing and verbally before. Waconia is a great place and the development / redevelop have been very successful, but it should be a win-win without detrimental effects. If Architectural Design Standards are in place, where is the hardship? Perhaps you can negotiate garbage containment as a trade off. In either case, good luck!

The following was excerpted from an email sent to Mike Blanchfield:

A few days ago I received a Public Hearing notice for a variance request by the Iron Tap. Interesting! It appears they are requesting a variance from the Architectural Design Standards. Although I don't know how much variation they are requesting, I am wondering where is the hardship? Rooftop equipment screening? Is that a hardship? Could this be a economic hardship couched as a land use hardship? I assume you have received a Planning Commission packet with the proposal with a well defined and spelled out reasoning to relieve the developer from the hardship of compliance, but I would also assume the developer knew the design requirements long before investing in the business. So far this first year of operation has not significantly impacted us directly, other than deliveries that have often (perhaps a half dozen times) blocked the alley and me in my garage - both preventing me from getting in or out, but I can deal with that. However I do reiterate that "special" considerations should be considered where a commercial business zone abuts a single family residential zone and both these zones utilize the same alley. It is my (biased) opinion that residential uses should trump (not the Donald type) the commercial business zone, but good luck with that. Business owners do not live (in most cases) where their business operates. This seems especially true for restaurants and bars where deliveries interfere with residential uses; where late night guests of the restaurants and bars have a different sensibilities for the night (and day) than the expected residential tranquility; where garbage containers contain much more waste materials than residential waste; and that wonderful odor of stale beer and discarded foods permeate the air; or the sounds from the clean-up crew tossing glass containers into a steel trash bin (at 2:00 a.m.). We, the residential home owners can be compatible with commercial businesses IF...

I trust your judgement and I don't intend to be a thorn in the development of a viable downtown, but I would expect the businesses live up to their obligations. There should be no surprises here. The Iron Tap knew the requirements and I see no hardship on their end. The only hardship is rested on the residential use. As I requested on the front end of this restaurant/tap-room development, screening and landscaping should not be circumvented. More, not less, screening and landscaping should be the standard, and perhaps they should be required to complete all required conditions before they request variances. I await the spring melt and assume that I will receive less storm water runoff into my garage than before the Iron Tap development. It already

appears that my neighbor (this is strictly my observation and not any complaint from my neighbor) is receiving more ground water into his basement than before. His sump runs constantly, draining water onto the alley for an interesting water/ice flow to the catch basin. Interesting! The New Year approaches!

Good Luck!

Thank you for your consideration,

Sincerely,

Lawrence Bodahl
125 West Lake
Waconia

CITY OF WACONIA, MN
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Planning Commission of the City of Waconia, MN, will hold a public hearing on Thursday, January 7th, 2015 at 6:30 p.m., at the Waconia City Hall, 201 South Vine Street, Waconia, MN, to consider a variance request by Greg and Bria James (dba. Iron Tap) to vary from the Downtown District Design Standards for the property located at 140 Main Street West.

The applicant is requesting approval of a variance which would relieve them from the rooftop equipment screening requirements stated in the Architectural Design Standards for the Downtown District.

Pertinent information pertaining to this request is available at the City Hall. Interested persons may submit written or oral comments pertaining to this matter any time prior to the hearing, or at the hearing on Thursday, January 7th, 2015. Written comments will be distributed to the Planning Commission for review and consideration. Please submit written comments by mail, email or in person as follows:

Mail/in person: Lane L. Braaten, 201 South Vine Street, Waconia, MN 55387
Email: lbraaten@waconia.org

By: WACONIA PLANNING COMMISSION
ATTEST: Lane L. Braaten, Community Development Director

(Published in the December 24th, 2015 Waconia Patriot newspaper)

The James were aware of the screening requirements at the time they pulled permits - if they need an extension because of financial hardship this is nothing - just not to do it should be out of the question - they still haven't enclosed their dumpsters
* the rest of main st way should have some - direction from the city - if the front of their buildings looked like the rear they wouldn't have any business -

these old buildings with a little paint
in the rear and some landscaping and
asphalt parking would give this area some old
world charm - would be a great place to hold
the farmers market - instead of the park.

- Need a plan -









