

CITY OF RIVERSIDE COUNCIL AGENDA
RIVERSIDE CITY HALL COUNCIL CHAMBERS
60 N GREENE STREET

Monday, January 23th, 2016 at 6:00 p.m.

6:00 PM Budget Work Session –

- **MMS Consultant – Washburn 2nd Street Paving Project**
- **Other Budget Items**

7:00 PM – Regular City Council Meeting

NOTICE TO THE PUBLIC:

This is a meeting of the City Council to conduct the regular business of the City. Every item on the agenda is an item of discussion and action if needed.

CALL MEETING TO ORDER: Mayor Schneider

- **Pledge of Allegiance**
- **Roll Call**

APPROVAL OF AGENDA:

1. Approve Consent Agenda

- 1a) Minutes from 01-09-17
- 1b) Expenditures 01-23-17

2. Committee Reports:

3. Citizens Comments:

This time is for items NOT on the agenda. Please notify the City Clerk if you wish to comment on an agenda item and you will be recognized when that item comes up. When citizens are recognized to speak, please approach the podium, spell your first and last name before proceeding. Citizens should refrain from addressing individual Council Members and should not expect a response to any questions. Time is limited to 3 minutes.

4. MMS Consultants

- **Highway 22 Concept**
- **Washburn & 2nd Street Paving**
- **Ella Street**
 - **Parking on Ella**
 - **Change Order**
 - **Pay Estimate**

5. Res #012317-01 “Change Order #11 – Ella Street” pg 8

6. Res #012317-02 "Cornerstone Excavating – Pay Request #8 – Ella Street" **pg 12**
7. Res #012317-03 "Engineering Contract for Washburn & 2nd St Paving Project" **pg 18**
8. Res #012317-04 "Library Services for FY 17-18" **pg 25**
9. PeopleService Monthly Report **pg 27**
10. Tax Abatements for Businesses and New Construction
11. Closing Comments
 - City Staff Comments
 - City Council Comments & Requests for Information
12. Adjourn Council Meeting

Approved: _____
Allen Schneider, Mayor

Date: _____

RIVERSIDE CITY COUNCIL MEETING; JANUARY 9, 2017

The Riverside City Council met for a budget work session on Monday, January 9, 2016 at 6:00pm. Capital Projects and equipment needs were discussed.

The Riverside City Council meeting opened at 7:02 pm in City Hall with Mayor Allen Schneider requesting roll call. Council members present were: Rob Weber, via phone, Ralph Schnoebelen, Bob Schneider Jr., and Tom Sexton. Jeanine Redlinger was absent.

Motion by Sexton to approve agenda. Second by Schnoebelen, passed 4-0.

Motion by Schnoebelen to approve consent agenda, minutes, and expenditures. Second by Sexton, passed 4-0.

Citizens Comments; Mike Meinders addressed Council about changing entrance to Community Building for ADA compliance. Council will consider upgrades with the HWY 22 project.

Nathan Butler, Boy Scout Troup 235, returned to Council with details of his Eagle Scout project. Mayor will meet with Butler, and park staff on specific placement of message boards and mile markers before installation next spring.

Publication discussion was held with Jim Johnson, owner of the Kalona News, and Matt Brant of the Washington Evening Journal. Schnoebelen moved to pass Resolution #010917-01 Appointing The Kalona News as the Official Newspaper for the City of Riverside. Second by Sexton, passed 4-0.

Bill Stuke, PeopleService, Inc. presented repair options for Well #8 to the Council. Schneider moved to go with replacing motor, and airburst cleaning, at a bid of \$44,434.00 from Cahoy Pump Services, Inc. Second by Weber, passed 4-0.

Schneider moved to have MMS proceed with Concept Design for Hwy 22 Project for DOT approval. Second by Schnoebelen, passed 4-0.

Schneider moved to approve price quote of \$3210.00 to interface Tyler Software with the Neptune Meter Reading Software, with an annual maintenance fee of \$550.00. Second by Schnoebelen, passed 4-0.

Council Comments; Schnoebelen asked about letters to Ella Street residence. Clerk Young will get them out soon. He also relayed complaints of residents parking in alley. Schneider reminded staff of salary publications for 2016. Mayor set schedule of budget work sessions.

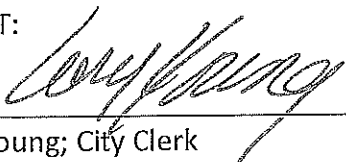
Schnoebelen moved to adjourn meeting at 8:31 pm. Second by Weber, passed 4-0.

Full content of Council Meetings can be viewed on the City Web Site;
www.cityofriversideiowa.com

City Council Work Session – Monday, January 16, 2017 at 6:00 pm.

City Council Work Session – Monday, January 23, 2017 at 6:00 pm.
NEXT CITY COUNCIL MEETING – Monday, January 23, 2017 at 7:00 pm.
City Council Work Session – Monday, January 30, 2017 at 6:00 pm

ATTEST:



Lory Young; City Clerk

Allen Schneider; Mayor

| | | | | | |
|--------------------------------|------------------------------|----------------|---------------|-----------|--------------|
| EXPENDITURES 1-23-17 | | | | | |
| COUNCIL MEETING | | | | | |
| | UNPAID BILLS | | | | |
| ABSOLUTE GRAPHICS | SIGN | 001-5-650-6310 | \$ | 20.00 | |
| ARAMARK | CITY HALL | 001-5-650-6310 | \$ | 395.26 | |
| ARAMARK | SHOP | 001-5-210-6372 | \$ | 331.12 | |
| ARAMARK | STREETS | 001-5-210-6181 | \$ | 92.56 | |
| ARAMARK | PARKS | 001-5-430-6181 | \$ | 92.56 | \$ 911.50 |
| BUSINESS RADIO | RVFD | 001-5-150-6356 | \$ | 2,823.00 | |
| CITY SEWER | CITY HALL SEWER | 001-5-650-6310 | \$ | 162.50 | |
| FASTTENAL | SHOP | 001-5-210-6372 | \$ | 11.55 | |
| IOWA WORKFORSE DEV. | UNEMPLOYMENT-WATER | 600-5-810-6140 | \$ | 3,129.00 | |
| IOWA WORKFORSE DEV. | UNEMPLOYMENT-SEWER | 610-5-815-6140 | \$ | 3,129.00 | |
| IOWA 1 CALL | LOCATES | 600-5-810-6507 | \$ | 6.35 | |
| IOWA 1 CALL | LOCATES | 610-5-815-6507 | \$ | 6.35 | |
| ITECH | JAN SERVICE | 001-5-650-6497 | \$ | 155.00 | |
| MEDIACOM | RVFD | 001-5-150-6332 | \$ | 138.72 | |
| MMS | DEC SERVICE | 600-5-810-6407 | \$ | 684.50 | |
| MMS | CAPITAL IMPROVEMENT | 301-5-750-6779 | \$ | 4,067.54 | |
| MMS | SWEETING DRAINAGE | 600-5-810-6407 | \$ | 89.25 | |
| MMS | PIONEER - HWY22 | 301-5-750-6785 | \$ | 2,547.38 | \$ 7,388.67 |
| OFFICE EXPRESS | SUPPLY | 001-5-650-6506 | \$ | 509.96 | |
| REC | SIGN | 001-5-430-6371 | \$ | 90.72 | |
| REC | SEWER EXPENSE | 610-5-815-6371 | \$ | 4,198.40 | |
| REC | SHOP | 001-5-210-6371 | \$ | 39.82 | |
| REC | WATER PLANT | 600-5-810-6371 | \$ | 3,504.00 | |
| REC | CASINO LIFT | 610-5-815-6371 | \$ | 188.00 | |
| REC | TRAFFIC LIGHT | 001-5-230-6371 | \$ | 149.04 | \$ 8,169.98 |
| PAWS AND MORE | 4TH QTR. CONTRIBUTION | 001-5-190-6413 | \$ | 126.00 | |
| PEOPLESERVICE INC. | FEBRUARY SEWER | 610-5-815-6500 | \$ | 10,485.00 | |
| PEOPLESERVICE INC. | FEBRUARY WATER | 600-5-810-6500 | \$ | 10,485.00 | \$ 20,970.00 |
| SCHNOEBELEN INC. | REPAIRS | 110-5-210-6331 | \$ | 844.59 | |
| PITNEY BOWES | POSTAGE | 600-5-810-6508 | \$ | 250.00 | |
| PITNEY BOWES | POSTAGE | 610-5-815-6508 | \$ | 250.00 | \$ 500.00 |
| RON'S AUTO BODY | RVFD | 001-5-150-6356 | \$ | 154.95 | |
| VAN METER | RVFD | 001-5-150-6310 | \$ | 97.05 | |
| US CELLULAR | DEC SERVICE | 001-5-210-6373 | \$ | 66.66 | |
| VISA | UNIFORMS | 001-5-210-6181 | \$ | 29.67 | |
| VISA | UNIFORMS | 001-5-430-6181 | \$ | 29.67 | |
| VISA | USTREAM | 001-5-650-6497 | \$ | 99.00 | |
| VISA | PARKS | 001-5-430-6504 | \$ | 27.84 | |
| VISA | XMAS MEAL | 001-5-520-6510 | \$ | 178.28 | |
| VISA | OFFICE | 001-5-650-6506 | \$ | 103.13 | |
| VISA | CONFERENCE | 001-5-650-6240 | \$ | 141.12 | \$ 608.71 |
| WASHINGTON CO. AUDITOR | 1ST QTR 2017 LAW ENFORCEMENT | 001-5-110-6499 | \$ | 13,042.75 | |
| WASHINGTON CO. AUDITOR | 1ST QTR 2017 COMMUNICATIONS | 001-5-110-6490 | \$ | 10,246.50 | \$ 23,289.25 |
| WINDSTREAM | SEWER - DEC | 610-5-815-6373 | \$ | 227.23 | |
| WINDSTREAM | WATER - DEC | 600-5-810-6373 | \$ | 213.40 | |
| WINDSTREAM | SHOP - DEC | 001-5-210-6373 | \$ | 125.79 | \$ 566.42 |
| YOTTY'S | SHOP | 001-5-210-6372 | \$ | 23.99 | |
| | TOTAL UNPAID BILLS | | \$ | 73,809.20 | |
| | | | | | |
| | PAID BILLS | | | | |
| IPERS | CONTRIBUTIONS - 2016 DEC | | \$ | 1,806.35 | |
| IOWA DEPT OF REVENUE | IOWA WITHHOLDINGS - 2016 DEC | | \$ | 696.00 | |
| IOWA DEPT OF REVENUE | IOWA SALES TAX - 2016 DEC | | \$ | 1,742.44 | |
| PAYROLL | PAYCHECKS - 2016 DEC | | \$ | 12,354.63 | |
| IRS | 941 TAX DEPOSIT - 2016 DEC | | \$ | 4,227.69 | |
| | TOTAL PAID BILLS | | \$ | 20,827.11 | |
| | | | | | |
| | TOTAL EXPENDITURES | | \$ | 94,636.31 | |
| | | | | | |
| DEC. 2016 REVENUES & EXPENSES: | | REVENUES | EXPENSES | | |
| GENERAL FUND | | \$ 35,035.50 | \$ 46,365.02 | | |
| ROAD USE TAX FUND | | \$ 9,181.96 | \$ 2,513.17 | | |
| LOCAL OPTION SALES TAX | | \$ 8,613.94 | \$ - | | |
| CASINO REVENUE RUND | | \$ 155,436.31 | \$ 5,618.41 | | |
| CAPITAL PROJECTS FUND | | \$ - | \$ 63,842.09 | | |
| WATER FUND | | \$ 26,988.70 | \$ 23,999.19 | | |
| SEWER FUND | | \$ 24,609.08 | \$ 17,096.94 | | |
| GARBAGE/LANDFILL FUND | | \$ 1,803.03 | \$ 1,627.00 | | |
| STORM WATER FUND | | \$ 1,437.68 | \$ - | | |
| TOTAL | | \$ 263,106.20 | \$ 161,061.82 | | |

PACKET: 02919 EXPENDITURES 1-23-17 BL

VENDOR SET: 01 City of Riverside

SEQUENCE : ALPHABETIC

DUE TO/FROM ACCOUNTS SUPPRESSED

| -----ID----- | ITM DATE BANK CODE | -----DESCRIPTION----- | GROSS DISCOUNT | P.O. # G/L ACCOUNT | ---ACCOUNT NAME--- | DISTRIBUTION |
|--------------|-----------------------|-----------------------|-------------------|-----------------------|--------------------|--------------|
|--------------|-----------------------|-----------------------|-------------------|-----------------------|--------------------|--------------|

** G/L ACCOUNT TOTALS **

| BANK | YEAR | ACCOUNT | NAME | AMOUNT | ANNUAL BUDGET | BUDGET AVAILABLE | OVER BUDG | ANNUAL BUDGET | BUDGET AVAILABLE | OVER BUDG |
|------|------|----------------|-------------------------|-------------|------------------|---------------------|--------------|------------------|---------------------|--------------|
| | | 610-5-815-6371 | ELECTRIC & GAS | 4,386.40 | 60,000 | 30,901.45 | | 284,696 | 169,299.02 | |
| | | 610-5-815-6373 | TELEPHONE | 227.23 | 2,000 | 356.30 | | 284,696 | 173,458.19 | |
| | | 610-5-815-6500 | PEOPLE SERVICE CONTRACT | 10,485.00 | 0 | 52,425.00 | - Y | 284,696 | 163,200.42 | |
| | | 610-5-815-6507 | OPERATING EXPENSES | 6.35 | 6,000 | 3,829.10 | | 284,696 | 173,679.07 | |
| | | 610-5-815-6508 | POSTAGE -- SEWER | 250.00 | 3,500 | 2,410.00 | | 284,696 | 173,435.42 | |
| | | 999-1330 | DUE FROM OTHER FUNDS | 73,809.20 * | | | | | | |

** 2016-2017 YEAR TOTALS 73,809.20

✓ w 1 excel Bq

TOTAL ERRORS: 0

TOTAL WARNINGS: 0

** END OF REPORT **

12/20/2017

AS OF: DECEMBER 31ST, 2016

| FUND | BEGINNING CASH BALANCE | M-T-D REVENUES | M-T-D EXPENSES | CASH BASIS BALANCE | NET CHANGE OTHER ASSETS | NET CHANGE LIABILITIES | ACCRUAL ENDING CASH BALANCE |
|----------------------------|---------------------------|-------------------|-------------------|-----------------------|----------------------------|---------------------------|--------------------------------|
| 001-GENERAL FUND | 1,943,451.60 | 35,035.50 | 46,365.02 | 1,932,122.08 | (10.00) | (50.35) | 1,932,081.73 |
| 110-ROAD USE TAX | 378,148.60 | 9,181.96 | 2,513.17 | 384,817.39 | 0.00 | 0.00 | 384,817.39 |
| 121-LOCAL OPTION SALES TAX | 275,558.36 | 8,613.94 | 0.00 | 284,172.30 | 0.00 | 0.00 | 284,172.30 |
| 125-TIF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145-CASINO REVENUE FUND | 1,227,714.83 | 155,436.31 | 5,618.41 | 1,377,532.73 | 0.00 | 0.00 | 1,377,532.73 |
| 200-DEBT SERVICE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 301-CAPITAL PROJECTS | 126,075.99 | 0.00 | 63,842.09 | 62,233.90 | 0.00 | 0.00 | 62,233.90 |
| 600-WATER FUND | 750,410.89 | 26,988.70 | 23,999.19 | 753,400.40 | 0.00 | 75.94 | 753,476.34 |
| 610-SEWER FUND | 204,732.01 | 24,609.08 | 17,096.94 | 212,244.15 | 0.00 | 75.94 | 212,320.09 |
| 670-LANDFILL/GARBAGE | 6,307.03 | 1,803.03 | 1,627.00 | 6,483.06 | 0.00 | 0.00 | 6,483.06 |
| 680-STORM WATER | 23,837.60 | 1,437.68 | 0.00 | 25,275.28 | 0.00 | 0.00 | 25,275.28 |
| GRAND TOTAL | 4,936,236.91 | 263,106.20 | 161,061.82 | 5,038,281.29 | (10.00) | 101.53 | 5,038,392.82 |

*** END OF REPORT ***

Council Packet

1-19-2017 04:25 PM

CITY OF RIVERSIDE

PAGE: 1

1/20/2017

POOLED CASH REPORT (FUND 999)

AS OF: DECEMBER 31ST, 2016

| FUND | ACCOUNT# | ACCOUNT NAME | BEGINNING BALANCE | CURRENT ACTIVITY | CURRENT BALANCE |
|----------------------|------------------------------|--------------|----------------------|---------------------|--------------------|
| <u>CLAIM ON CASH</u> | | | | | |
| 001-1110 | CHECKING ACCT-GENERAL FUND | | 1,943,451.60 (| 11,369.87) | 1,932,081.73 |
| 110-1110 | CHECKING ACCT-ROAD USE TAX | | 378,148.60 | 6,668.79 | 384,817.39 |
| 121-1110 | CHECKING ACCT-LOST | | 275,558.36 | 8,613.94 | 284,172.30 |
| 125-1110 | CHECKING ACCT-TIF | | 0.00 | 0.00 | 0.00 |
| 145-1110 | CHECKING ACCT-CASINO REVENUE | | 1,227,714.83 | 149,817.90 | 1,377,532.73 |
| 200-1110 | CHECKING ACCT-DEBT SERVICE | | 0.00 | 0.00 | 0.00 |
| 301-1110 | CHECKING ACCT-CAP PROJECTS | | 126,075.99 (| 63,842.09) | 62,233.90 |
| 600-1110 | CHECKING ACCT-WATER | | 750,410.89 | 3,065.45 | 753,476.34 |
| 610-1110 | CHECKING ACCT-SEWER | | 204,732.01 | 7,588.08 | 212,320.09 |
| 670-1110 | CHECKING ACCT-GARBAGE | | 6,307.03 | 176.03 | 6,483.06 |
| 680-1110 | CHECKING ACCT-STORM WATER | | <u>23,837.60</u> | <u>1,437.68</u> | <u>25,275.28</u> |
| TOTAL CLAIM ON CASH | | | 4,936,236.91 | 102,155.91 | 5,038,392.82 |

CASH IN BANK - POOLED CASH

| | | | | | |
|-------------------------------------|------------------------------|--|-------------------|-------------|-------------------|
| 999-1110 | CASH IN BANK | | 1,485,099.30 | 94,953.26 | 1,580,052.56 |
| 999-1112 | PEOPLES BANK MONEY MARKET | | 2,079,052.62 | 1,500.91 | 2,080,553.53 |
| 999-1114 | HILLS BANK | | 817,339.91 | 8,982.32 | 826,322.23 |
| 999-1115 | CB FUND | | 15,232.82 | 11.00 | 15,243.82 |
| 999-1116 | COMMUNITY BUILDING CD #18936 | | 273,034.70 | 0.00 | 273,034.70 |
| 999-1117 | COMMUNITY BUILDING CD#18975 | | <u>263,185.98</u> | <u>0.00</u> | <u>263,185.98</u> |
| SUBTOTAL CASH IN BANK - POOLED CASH | | | 4,932,945.33 | 105,447.49 | 5,038,392.82 |

WAGES PAYABLE

| | | | | | |
|------------------------|---------------|---|------------------|-----------------|-------------|
| 999-2010 | WAGES PAYABLE | (| <u>3,291.58)</u> | <u>3,291.58</u> | <u>0.00</u> |
| SUBTOTAL WAGES PAYABLE | | (| <u>3,291.58)</u> | <u>3,291.58</u> | <u>0.00</u> |

| | | | | | |
|----------------------------------|--|--|--------------|------------|--------------|
| TOTAL CASH IN BANK - POOLED CASH | | | 4,936,236.91 | 102,155.91 | 5,038,392.82 |
|----------------------------------|--|--|--------------|------------|--------------|

DUE TO OTHER FUNDS - POOLED CASH

| | | | | | |
|---------------------------|--------------------|--|---------------------|-------------------|---------------------|
| 999-2100 | DUE TO OTHER FUNDS | | <u>4,936,236.91</u> | <u>102,155.91</u> | <u>5,038,392.82</u> |
| TOTAL, DUE TO OTHER FUNDS | | | 4,936,236.91 | 102,155.91 | 5,038,392.82 |

POOLED CASH REPORT (FUND 999)

AS OF: DECEMBER 31ST, 2016

| FUND | ACCOUNT# | ACCOUNT NAME | BEGINNING BALANCE | CURRENT ACTIVITY | CURRENT BALANCE |
|---------------------------|----------|------------------|----------------------|---------------------|--------------------|
| <u>DUE TO POOLED CASH</u> | | | | | |
| 001-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 110-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 121-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 125-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 145-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 200-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 301-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 600-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 610-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 670-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |
| 680-2020 | | ACCOUNTS PAYABLE | 0.00 | 0.00 | 0.00 |

| | | | |
|--------------------------|------|------|------|
| TOTAL DUE TO POOLED CASH | 0.00 | 0.00 | 0.00 |
|--------------------------|------|------|------|

DUE FROM OTHER FUNDS

| | | | |
|-------------------------------|------|------|------|
| 999-1330 DUE FROM OTHER FUNDS | 0.00 | 0.00 | 0.00 |
|-------------------------------|------|------|------|

| | | | |
|----------------------------|------|------|------|
| TOTAL DUE FROM OTHER FUNDS | 0.00 | 0.00 | 0.00 |
|----------------------------|------|------|------|

ACCOUNTS PAYABLE - POOLED CASH

| | | | |
|-----------------------------------|------|------|------|
| 999-2020 ACCOUNTS PAYABLE CONTROL | 0.00 | 0.00 | 0.00 |
|-----------------------------------|------|------|------|

| | | | |
|------------------------------------|------|------|------|
| TOTAL ACCOUNTS PAYABLE POOLED CASH | 0.00 | 0.00 | 0.00 |
|------------------------------------|------|------|------|

*** PROOF CASH BALANCES ***

| (A) | (B) | (C) |
|----------------------------|---------------------------------|---------------------------------|
| CLAIM ON CASH 5,038,392.82 | CLAIM ON CASH 5,038,392.82 | CASH IN BANK 5,038,392.82 |
| CASH IN BANK 5,038,392.82 | DUE TO OTHER FUNDS 5,038,392.82 | DUE TO OTHER FUNDS 5,038,392.82 |
| DIFFERENCE 0.00 | 0.00 | 0.00 |

*** PROOF ACCOUNTS PAYABLE BALANCES ***

| (D) | (E) | (F) |
|---------------------------|-----------------------|---------------------------|
| AP PENDING 0.00 | AP PENDING 0.00 | DUE FROM OTHER FUNDS 0.00 |
| DUE FROM OTHER FUNDS 0.00 | ACCOUNTS PAYABLE 0.00 | ACCOUNTS PAYABLE 0.00 |
| DIFFERENCE 0.00 | 0.00 | 0.00 |

*** END OF REPORT ***

RESOLUTION #012317-01**RESOLUTION APPROVING CHANGE ORDER #11 FOR THE ELLA STREET IMPROVEMENTS CONSTRUCTION PROJECT**

Whereas, the City of Riverside City at the recommendation of the City Engineering Firm, MMS Consultants, Scott Pottorff and it is the opinion of the City Engineering Firm that the City Council accept this change order in the amount of **\$22,934.45**.

Therefore, be it resolved the City of Riverside City Council does hereby accept the Change Order #11 for **additional concrete work completed by All American Concrete** on the Ella Street Improvements Project.

It was moved by Councilperson _____, seconded by Councilperson _____, to approve the foregoing resolution on January 23rd, 2017.

Roll Call: Redlinger, Schneider, Sexton, Weber, Schnoebelen

Ayes:

Nays:

Absents: Schnoebelen

PASSED AND APPROVED by City Council of Riverside, Iowa, on this 23rd day of January 2017.

Signed: _____

Allen Schneider, Mayor

Attest: _____

Lory Young, City Clerk



MMS Consultants, Inc.

Experts in Planning and Development Since 1975

1917 S. Gilbert Street
Iowa City, Iowa 52240

319.351.8282

mmsconsultants.net
mms@mmsconsultants.net

January 16, 2016

2245-012

Ella Street Improvements

Change Order #11

The following changes to the contract are requested for extra work to move forms at 6 locations and for other extra work completed on the project.

The work included in this change order is outlined below. The breakdown of costs for the extra work is attached. The contract change for the change in work is as follows:

ADD ITEMS

| <u>Item</u> | <u>Est Quantity</u> | <u>Unit Price</u> | <u>Total Estimated Cost</u> |
|-------------------------|---------------------|-------------------|-----------------------------|
| All American Extra Work | 1 LS | \$22,934.45 | \$22,934.45 |

Change to the Contract

This change order would add the above item to the contract and add \$22,934.45 to the contract amount.

Reason for changes

The extra work included with this change order is as follows:

Change forms, regrade, add extra rock

SW Corner 4th and Ella
NW Corner 4th and Ella
SW Corner St. Mary's and Ella
NW Corner St. Mary's and Ella
SW Corner Blackberry and Ella
NE Corner Blackberry and Ella

Intake Work

PCC Intake at Alley between 2nd and 3rd Streets west side over flared end section
PPC Concrete Around Area Intake on 4th Street north of 280 Ella Street

Retaining Wall

Retaining Wall against existing wall at 410 Ella Street

Remove and Replace Sidewalk

Remove and replace 27'x8'x6" sidewalk at 311 Ella Street, includes regrading and extra rock

Approved by:

Cornerstone Excavating

City of Riverside

2245012changeorder11.docx



P. O. Box 928
Washington, IA 52353
(319) 653-3957

Change Request

To: City of Riverside
60 North Greene Street
Riverside, IA 52327

Number: AACI Time & Material Work
Date: 1/10/2017
Job: Ella Street Improvement Project
Job #: WAS013

Description: Time and material work for All American to remove sidewalks/forms/etc. and regrade and pour sidewalks and alleys per City of Riverside's request.

We are pleased to offer the following specifications and pricing to make the following changes:
Work completed on a T & M basis

Price Excludes:

| Description | Quantity | Unit | Unit Price | Price |
|--|----------|------|-------------|--------------------|
| Reworking of sidewalks and driveways per City request | | | | |
| 1 AACI Time and Material | 1 | LS | \$20,849.50 | \$20,849.50 |
| 2 Cornerstone Excavating Inc mark-up (Bonds, overhead, etc.) | 1 | LS | \$2,084.95 | \$2,084.95 |
| Total: | | | | \$22,934.45 |

Submitted by: 

Jim Ziegrowsky
Cornerstone Excavating, Inc.

Approved by: _____

Date: _____

Main Office
319.627.2226 Phone
319.627.7235 Fax



Estimating
319.627.2221 Phone
319.627.2227 Fax
office@aaconcreteinc.com

1489 Highway 6, West Liberty, IA 52776

COST CHANGE BREAKDOWN

Project: Riverside Ella Street

Description: Sidewalk revisions, extra curb & gutter, etc.

| Labor | Crew | Hrs | Hr Total | Rate | Task total |
|------------|------|-----------|-----------|----------|--------------|
| Foreman | 1 | 23.0 hrs | 23.0 hrs | \$ 75.00 | \$ 1,725.00 |
| Foreman OT | 1 | 8.0 hrs | 8.0 hrs | \$ 95.00 | \$ 760.00 |
| Laborer | 1 | 143.0 hrs | 143.0 hrs | \$ 60.00 | \$ 8,580.00 |
| Laborer OT | 1 | 80.0 hrs | 80.0 hrs | \$ 80.00 | \$ 6,400.00 |
| | | | 254.0 hrs | Total | \$ 17,465.00 |

| Materials | Qty | Rate | Total |
|--------------------------|---------|-----------|-------------|
| Concrete | 14 cy | \$ 92.00 | \$ 1,288.00 |
| Subbase Rock (delivered) | 28 tons | \$ 14.00 | \$ 392.00 |
| Materials 15% markup | 1 ls | \$ 252.00 | \$ 252.00 |
| | | Total | \$ 1,932.00 |

| Equipment | Hrs | Rate | Total |
|----------------|---------|----------|-------------|
| Mini-excavator | 8.0 hrs | \$ 95.00 | \$ 760.00 |
| Skidloader | 5.5 hrs | \$ 95.00 | \$ 522.50 |
| Dump Truck | 2.0 hrs | \$ 85.00 | \$ 170.00 |
| | | Total | \$ 1,452.50 |

T&M Total \$ 20,849.50

RESOLUTION #012317-02

**RESOLUTION APPROVING PAY REQUEST #8 FROM CORNERSTONE
EXCAVATING FOR ELLA STREET IMPROVEMENTS PROJECT**

Whereas, the City of Riverside City at the recommendation of the City Engineering Firm, MMS Consultants, Scott Pottorff and it is the opinion of the City Engineering Firm that the City Council accept this pay estimate from Cornerstone Excavating for work performed and billed on Pay Request #8 for the Ella Street Improvements Project.

Therefore, be it resolved the City of Riverside City Council does hereby approve this pay request to Cornerstone Excavating for the Ella Street Improvements Project in the amount of \$29,860.03.

Moved by Councilperson _____, seconded by Councilperson _____, to approve the foregoing resolution on January 23rd, 2017.

Roll Call: Weber, Schneider, Sexton, Schnoebelen, Redlinger

Ayes:

Nays:

Absents: Schnoebelen

Signed: _____

Allen Schneider, Mayor

Attest: _____

Lory Young, City Clerk

Lory Young

From: Scott Pottorff <S.pottorff@mmsconsultants.net>
Sent: Monday, January 16, 2017 12:03 PM
To: Lory Young
Cc: g.meisner@mmsconsultants.net
Subject: Ella Street Pay Request and Change Order
Attachments: 2245012payrequest8.pdf; 2245012changeorder11.pdf; _Certification_.htm

Please find attached the sub final pay request (final quantities less retainage) and the final change order. Cornerstone has reviewed these and approved. They will be dropping off signed copies of these to you this week.

On the agenda the change order approval should be before the pay request as the pay request includes paying for the change order so it needs to be approved first.

After this the final pay request will be release of retainage and final acceptance.

Let me know if you have any questions.

[Sign up for our newsletter](#) – We promise short, meaningful updates just six times a year.



MMS Consultants, Inc.
Experts in Planning and Development Since 1975

Scott Pottorff, P.E.

Project Manager

Office: (319) 351-8282

Mobile: (319) 631-0365

S.pottorff@mmsconsultants.net

www.mmsconsultants.net

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CONSTRUCTION PROGRESS PAYMENT

Project Description

PN: 2245012

Ella Street Improvements

Contract Date

16-Oct-15

Contractor:

Cornerstone Excavating

Owner:

City of Riverside

Address:

P.O. Box 928

Address:

60 N. Greene Street

City, St., Zip:

Washington, Iowa 52353

City, St., Zip:

Riverside, IA 52327

Phone:

319-653-3957

Phone:

319-648-3501

Fax:

319-653-9067

Fax:

Estimate #

8

x

Partial Payment

Final Payment

FOR PERIOD:

FROM: 12/12/16

TO: 1/13/17

Owner PN

Federal PN

State PN

| | |
|---------------------|----------------|
| Base Contract Price | \$1,108,055.85 |
|---------------------|----------------|

| | |
|-------------------|------|
| Materials on Hand | \$ - |
|-------------------|------|

| | | |
|----------|----|-------------|
| Change # | 1 | \$10,182.60 |
| Change # | 2 | \$11,000.50 |
| Change # | 3 | \$5,738.25 |
| Change # | 4 | \$650.00 |
| Change # | 5 | \$2,000.00 |
| Change # | 6 | \$10,496.25 |
| Change # | 7 | \$16,816.40 |
| Change # | 8 | \$8,131.60 |
| Change # | 9 | \$0.00 |
| Change # | 10 | \$2,420.00 |
| Change # | 11 | \$22,934.45 |

| | |
|------------------------|----------------|
| Construction Completed | \$1,234,159.48 |
|------------------------|----------------|

| | |
|--------------|----------------|
| Total Earned | \$1,234,159.48 |
|--------------|----------------|

| | |
|----------------|-------------|
| Less Retainage | \$61,707.97 |
|----------------|-------------|

| | |
|-----------------------|----------------|
| Less Previous Payment | \$1,142,591.48 |
|-----------------------|----------------|

| | |
|---------------------|-------------|
| Amount Due This Est | \$29,860.03 |
|---------------------|-------------|

| | |
|----------------|----------------|
| Total Contract | \$1,198,425.90 |
|----------------|----------------|

Requested by:

Jim Ziegrowsky

Approved by:

Title:

President

Title:

Date:

Date:

Recommended by:

Scott Pottorff

Attested by:

Title:

Project Engineer

Title:

Date:

Date:

MMS Consultants, Inc.

1917 South Gilbert Street, Iowa City, IA 52240

i:\proj\forms\payreqst.xls

Ella Street Improvements

8

Pay Estimate No.:

Payable to: Cornerstone Excavating

Date: January 16, 2017

Week Ending: January 13, 2017

| Item No. | Item Description | Units | Contract Quantity | Unit Price | Contract Amount | Quantity This Estimate | Amount This Estimate | To Date Quantity | To Date Amount |
|----------|---|-------|-------------------|-------------|-----------------|------------------------|----------------------|------------------|----------------|
| 1 | Traffic Control | LS | 1 | \$15,700.00 | 15,700.00 | - | - | 1.00 | 15,700.00 |
| 2 | Mobilization | LS | 1 | \$72,500.00 | 72,500.00 | - | - | 1.00 | 72,500.00 |
| 3 | Clearing and Grubbing | LS | 1 | \$15,000.00 | 15,000.00 | - | - | 1.00 | 15,000.00 |
| 4 | Off Site Topsoil | CY | 500 | \$34.00 | 17,000.00 | - | - | 740.00 | 25,160.00 |
| 5 | Class 10 Excavation, Import | CY | U.P.O. | \$15.00 | - | - | - | - | - |
| 6 | Excavation, Class 13 *** | CY | 2,070 | \$10.95 | 22,666.50 | - | - | 2,070.00 | 22,666.50 |
| 7 | Below Grade Excavation (Core Out) | CY | 200 | \$37.95 | 7,590.00 | - | - | 55.00 | 2,087.25 |
| 8 | Subgrade Preparation | SY | 6,038 | \$1.80 | 10,868.40 | - | - | 6,038.00 | 10,868.40 |
| 9 | Subbase, Modified, 8" Thick for Full Depth HMA * | SY | 128 | \$5.75 | 724.50 | - | - | 128.00 | 724.50 |
| 10 | Subbase, Modified, 4" Thick for 6" PCC Sidewalk | SY | 1,406 | \$5.25 | 7,361.50 | - | - | 1,406.00 | 7,361.50 |
| 11 | Subbase, Macadam Stone, 6" Thick **** | SY | 0 | \$6.75 | - | - | - | 104.00 | 702.00 |
| 12 | Subbase, Class A Crushed Stone, 4" Thick ***** | SY | 0 | \$4.50 | - | - | - | - | - |
| 13 | Removal of Culverts | EA | 22 | \$250.00 | 5,500.00 | - | - | 22.00 | 5,500.00 |
| 14 | Backfilling of Culverts | LF | 3,436 | \$2.00 | 6,872.00 | - | - | 3,436.00 | 6,872.00 |
| 15 | Trench Foundation | TONS | 50 | \$21.50 | 1,075.00 | - | - | - | - |
| 16 | Replacement of Unsuitable Backfill Material, Granular Backfill | CY | 50 | \$34.75 | 1,737.50 | - | - | - | - |
| 17 | Granular Trench Backfill, Class A Roadstone, 8" Sanitary Main | LF | 488 | \$40.00 | 19,520.00 | - | - | 488.00 | 19,520.00 |
| 18 | Granular Trench Backfill, Class A Roadstone, 12" Storm Sewer | LF | 534 | \$11.50 | 6,141.00 | - | - | 582.00 | 6,693.00 |
| 19 | Granular Trench Backfill, Class A Roadstone, 15" Storm Sewer | LF | 95 | \$11.50 | 1,092.50 | - | - | 95.00 | 1,092.50 |
| 20 | Granular Trench Backfill, Class A Roadstone, 18" Storm Sewer | LF | 35 | \$11.50 | 402.50 | - | - | 35.00 | 402.50 |
| 21 | Granular Trench Backfill, Class A Roadstone, 24" Storm Sewer | LF | 120 | \$10.00 | 1,200.00 | - | - | 120.00 | 1,200.00 |
| 22 | Granular Trench Backfill, Class A Roadstone, 6" Water Main | LF | 40 | \$16.75 | 670.00 | - | - | 40.00 | 670.00 |
| 23 | Granular Trench Backfill, Class A Roadstone, 8" Water Main | LF | 80 | \$16.75 | 1,006.00 | - | - | 141.00 | 2,351.75 |
| 24 | Sanitary Sewer Gravity Main, Trenched, PVC (SDR 26), 8" Dia. | LF | 488 | \$39.45 | 19,251.60 | - | - | 488.00 | 19,251.60 |
| 25 | Remove Existing Sanitary Sewer | LF | 488 | \$10.00 | 4,880.00 | - | - | 488.00 | 4,880.00 |
| 26 | Sanitary Sewer Existing Service Lateral Reconnection | EA | 8 | \$1,125.00 | 9,000.00 | - | - | 8.00 | 9,000.00 |
| 27 | Storm Sewer, Trenched, RCP, 12" Dia. | LF | 1,285 | \$49.25 | 62,301.25 | - | - | 1,285.00 | 62,301.25 |
| 28 | Storm Sewer, Trenched, RCP, 15" Dia. | LF | 391 | \$45.00 | 17,595.00 | - | - | 391.00 | 17,595.00 |
| 29 | Storm Sewer, Trenched, RCP, 18" Dia. | LF | 348 | \$48.75 | 16,289.00 | - | - | 348.00 | 16,289.00 |
| 30 | Storm Sewer, Trenched, RCP, 24" Dia. | LF | 293 | \$55.75 | 16,334.75 | - | - | 293.00 | 16,334.75 |
| 31 | Removal of Storm Sewer | LF | 289 | \$12.50 | 3,612.50 | - | - | 217.00 | 2,712.50 |
| 32 | Longitudinal Subdrain, Type 2, 4" | LF | 639 | \$8.45 | 5,399.55 | - | - | 540.00 | 4,563.00 |
| 33 | Subdrain Cleanout, Type A-1 *** | EA | 4 | \$425.00 | 1,700.00 | - | - | 3.00 | 1,275.00 |
| 34 | Subdrain Outlet, Connection to Structure | EA | 3 | \$225.00 | 675.00 | - | - | 3.00 | 675.00 |
| 35 | Connect Existing Sump Pump Outlet to Storm Sewer or Subdrain, East Side | EA | 2 | \$500.00 | 1,000.00 | - | - | 3.00 | 1,500.00 |
| 36 | Connect Existing Sump Pump Outlet to Intake or Subdrain, West Side | EA | 2 | \$750.00 | 1,500.00 | - | - | 5.00 | 3,750.00 |
| 37 | Water Main, 6", PVC C900 | LF | 184 | \$32.35 | 5,952.40 | - | - | 184.00 | 5,952.40 |
| 38 | Water Main, 8", PVC C900 | LF | 733 | \$35.00 | 25,655.00 | - | - | 733.00 | 25,655.00 |
| 39 | Fire Hydrant Assembly | EA | 1 | \$4,050.00 | 4,050.00 | - | - | 1.00 | 4,050.00 |
| 40 | Out in 4"x4" Tee | EA | 2 | \$2,300.00 | 4,600.00 | - | - | 2.00 | 4,600.00 |
| 41 | Out in 8"x8" Tee | EA | 2 | \$3,000.00 | 6,000.00 | - | - | 2.00 | 6,000.00 |
| 42 | Relocate Existing Fire Hydrant Assembly | EA | 1 | \$1,250.00 | 1,250.00 | - | - | 1.00 | 1,250.00 |
| 43 | Water Service Stub, Main to Curb Stop Short, 1" Copper (Type K) | EA | 3 | \$1,375.00 | 4,125.00 | - | - | 3.00 | 4,125.00 |
| 44 | Water Service Stub, Main to Curb Stop Long, 1" Copper (Type K) | EA | 4 | \$1,950.00 | 7,800.00 | - | - | 4.00 | 7,800.00 |
| 45 | Remove Tee and Install Sleeve | EA | 2 | \$1,100.00 | 2,200.00 | - | - | 2.00 | 2,200.00 |
| 46 | Remove Tee and Valve and Install Sleeve | EA | 2 | \$1,200.00 | 2,400.00 | - | - | 2.00 | 2,400.00 |
| 47 | Remove Valve Box and Rod | EA | 2 | \$250.00 | 500.00 | - | - | 2.00 | 500.00 |
| 48 | Gate Valve, 4" | EA | 2 | \$825.00 | 1,650.00 | - | - | 2.00 | 1,650.00 |

| Item No. | Item Description | Units | Contract Quantity | Unit Price | Contract Amount | Quantity This Estimate | Amount This Estimate | To Date Quantity | To Date Amount |
|----------|--|-------|-------------------|-------------|-----------------|------------------------|----------------------|------------------|----------------|
| 49 | Gate Valve, 6" | EA | 2 | \$925.00 | 1,850.00 | - | - | 2.00 | 1,850.00 |
| 50 | Gate Valve, 8" | EA | 7 | \$1,225.00 | 8,575.00 | - | - | 7.00 | 8,575.00 |
| 51 | Sanitary Manhole, Type SW-301, 48" Dia | EA | 2 | \$3,400.00 | 6,800.00 | - | - | 2.00 | 6,800.00 |
| 52 | Storm Manhole, Type SW-301, 48" Dia | EA | 7 | \$3,000.00 | 21,000.00 | - | - | 7.00 | 21,000.00 |
| 53 | Storm Manhole, Type SW-301, 48" Dia with SW-804 Type 38 Grate | EA | 2 | \$3,000.00 | 6,000.00 | - | - | 4.00 | 12,000.00 |
| 54 | Storm Intake, Type SW-501 | EA | 1 | \$2,975.00 | 2,975.00 | - | - | 1.00 | 2,975.00 |
| 55 | Storm Intake, Type SW-509 | EA | 6 | \$4,725.00 | 28,350.00 | - | - | 6.00 | 28,350.00 |
| 56 | Storm Intake, Type SW-512, 24" | EA | 11 | \$1,875.00 | 20,625.00 | - | - | 9.00 | 16,875.00 |
| 57 | Storm Intake, Type SW-513, 48"x48" | EA | 1 | \$3,000.00 | 3,000.00 | - | - | 1.00 | 3,000.00 |
| 58 | Storm Intake, Type SW-541 with SW-542 Extension | EA | 4 | \$7,000.00 | 28,000.00 | - | - | 4.00 | 28,000.00 |
| 59 | Storm Intake, Type SW-545 (12') | EA | 1 | \$8,600.00 | 8,600.00 | - | - | 1.00 | 8,600.00 |
| 60 | Storm Intake, Type SW-545 (14') | EA | 4 | \$9,000.00 | 36,000.00 | - | - | 4.00 | 36,000.00 |
| 61 | Manhole Adjustment, Minor | EA | 1 | \$500.00 | 500.00 | - | - | 2.00 | 1,000.00 |
| 62 | Connect to Existing Manhole | EA | 1 | \$1,500.00 | 1,500.00 | - | - | - | - |
| 63 | Remove Existing Sanitary Manhole | EA | 2 | \$2,000.00 | 4,000.00 | - | - | 2.00 | 4,000.00 |
| 64 | Remove Existing Storm Manhole or Intake ** | EA | 7 | \$1,000.00 | 7,000.00 | - | - | 8.00 | 8,000.00 |
| 65 | PCC Curb and Gutter, 24" Wide | LF | 3,438 | \$17.75 | 60,989.00 | 254.00 | 4,508.50 | 3,498.00 | 62,089.50 |
| 66 | Granular Surfacing, Class A Crushed Stone | TONS | 200 | \$16.30 | 3,260.00 | - | - | 55.24 | 900.41 |
| 67 | Removal of Pavement, Composite, Highway 22 | SY | 150 | \$16.50 | 2,475.00 | - | - | 125.00 | 2,079.00 |
| 68 | Composite Pavement, 3" HMA on 7" PCC, Highway 22 | SY | 150 | \$105.00 | 15,750.00 | - | - | 125.00 | 13,250.00 |
| 69 | HMA Base, 3/4" Mixture, 300K ESAL * | TONS | 1,225 | \$72.30 | 88,567.50 | - | - | 1,300.22 | 94,005.91 |
| 70 | HMA Surface 1/2" Mixture, 300K ESAL * | TONS | 615 | \$81.00 | 49,815.00 | - | - | 733.64 | 59,424.84 |
| 71 | HMA Binder, PG 64-22 | TONS | 110 | \$338.00 | 37,180.00 | - | - | 103.13 | 34,857.94 |
| 72 | Removal of Sidewalk | SY | 743 | \$7.50 | 5,572.50 | - | - | 804.00 | 6,030.00 |
| 73 | Removal of PCC Driveway *** | SY | 267 | \$7.50 | 2,002.50 | - | - | 267.00 | 2,002.50 |
| 74 | Sidewalk, PCC, 5" | SY | 420 | \$85.45 | 35,889.00 | (3.60) | (307.62) | 465.40 | 39,766.43 |
| 75 | Sidewalk, PCC, 6" | SY | 1,172 | \$69.75 | 81,747.00 | 19.30 | 1,346.18 | 1,278.30 | 89,161.43 |
| 76 | Detachable Warnings | SF | 465 | \$47.50 | 22,087.50 | - | - | 449.00 | 21,327.50 |
| 77 | PCC Driveway, 6" *** | SY | 341 | \$69.75 | 23,784.75 | 7.60 | 530.10 | 552.60 | 38,543.85 |
| 78 | Pavement Scarification | SY | 500 | \$14.45 | 7,225.00 | - | - | - | - |
| 79 | Removal of PCC Curb and Gutter | LF | 35 | \$10.00 | 350.00 | - | - | 35.00 | 350.00 |
| 80 | Bituminous Seal Coat | SY | 623 | \$8.20 | 5,108.60 | - | - | 878.45 | 7,186.89 |
| 81 | Seeding, Fertilizing and Mulching, Permanent, Type, 1 **** | AC | 0.0 | \$3,600.00 | - | - | - | - | - |
| 82 | SWPPP Management | LS | 1 | \$4,000.00 | 4,000.00 | - | - | 1.00 | 4,000.00 |
| 83 | Silt Fence | LF | 500 | \$2.00 | 1,000.00 | - | - | 100.00 | 200.00 |
| 84 | Removal of Silt Fence | LF | 500 | \$0.50 | 250.00 | - | - | - | - |
| 85 | Inlet Protection Device | EA | 27 | \$50.00 | 1,350.00 | - | - | 27.00 | 1,350.00 |
| 86 | Inlet Protection Device Maintenance | EA | 27 | \$25.00 | 675.00 | - | - | 27.00 | 675.00 |
| 87 | Painted Pavement Markings, Waterborne or Solvent | STA | 16.32 | \$170.30 | 2,779.30 | - | - | 15.84 | 2,697.55 |
| | TOTAL CONTRACT | | | | 1,075,380.10 | | 6,077.16 | | 1,108,897.15 |
| C.O. #1 | Upsize 48" Storm Manholes to 60" | EA | 4,000 | \$1,095.65 | 4,382.60 | - | - | 4.00 | 4,382.60 |
| | Additional Tree Removal at 4th and Ella Street | LS | 1,000 | \$2,850.00 | 2,850.00 | - | - | 1.00 | 2,850.00 |
| | Additional Tree Removal (3 Evergreen Trees), cut down grade, install downspout connection to ditch | LS | 1,000 | \$2,950.00 | 2,950.00 | - | - | 1.00 | 2,950.00 |
| | TOTAL CHANGE C.O. #1 | | | | 10,182.60 | - | - | - | 10,182.60 |
| C.O. #2 | Pavement Removal Milling and Stockpile | SY | 5,075.000 | \$3.90 | 19,792.50 | - | - | 5,075.00 | 19,792.50 |
| | 6" Subbase - Placement of Millings | SY | 5,075.000 | \$2.25 | 11,418.75 | - | - | 5,075.00 | 11,418.75 |
| | Import 6" Base Material (Millings Stockpile or Virgin Modified Subbase) | SY | 1,778.000 | \$5.75 | 10,223.50 | - | - | 1,778.00 | 10,223.50 |
| | TOTAL CHANGE C.O. #2 | | | | 41,434.75 | - | - | - | 41,434.75 |
| C.O. #3 | Water Main Additional Fittings and Bends | LS | 1,000 | \$5,738.25 | 5,738.25 | - | - | 1.00 | 5,738.25 |
| | TOTAL CHANGE C.O. #3 | | | | 5,738.25 | - | - | - | 5,738.25 |
| C.O. #4 | Grub Tree Stumps | LS | 1,000 | \$550.00 | 550.00 | - | - | 1.00 | 550.00 |
| | TOTAL CHANGE C.O. #4 | | | | 550.00 | - | - | - | 550.00 |
| C.O. #5 | Dura Silt Drain | LF | 20,000 | \$103.50 | 2,070.00 | - | - | 20.00 | 2,070.00 |
| | 8" HDPE Drain Tile | LF | 36,000 | \$25.25 | 909.00 | - | - | 36.00 | 909.00 |
| | Connect to Storm Sewer | LS | 1,000 | \$500.00 | 500.00 | - | - | 1.00 | 500.00 |
| | Remove and Reinstall Retaining Wall Blocks | LS | 1,000 | \$650.00 | 650.00 | - | - | - | - |
| | TOTAL CHANGE C.O. #5 | | | | 4,129.00 | - | - | - | 4,129.00 |
| C.O. #7 | Sod | AC | 2 of 3 | \$19,166.40 | 19,166.40 | - | - | 1.16 | 22,233.02 |

| Item No. | Item Description | Units | Contract Quantity | Unit Price | Contract Amount | Quantity This Estimate | Amount This Estimate | To Date Quantity | To Date Amount |
|----------|--|-------|-------------------|-------------|-----------------|------------------------|----------------------|------------------|----------------|
| | Subgrade Prep for Sod | LS | 1,000 | \$1,250.00 | 1,250.00 | - | - | 1.00 | 1,250.00 |
| | TOTAL CHANGE C.O. #7 | | | | 20,416.40 | - | - | | 23,483.02 |
| C.O. #8 | Relocate Beehive, Extend Storm Sewer, Pour Letdown Structure | LS | 1,000 | \$7,765.39 | 7,765.39 | - | - | 1.00 | 7,765.39 |
| | Fill In Concrete Triangular Area | LS | 1,000 | \$366.21 | 366.21 | - | - | 1.00 | 366.21 |
| | TOTAL CHANGE C.O. #8 | | | | 8,131.60 | - | - | | 8,131.60 |
| C.O. #9 | Subbase, Macadam Stone | TON | 192.021 | \$21.90 | 4,205.25 | - | - | 192.02 | 4,205.24 |
| | Subbase, Class A Crushed Stone | TON | 128.014 | \$21.90 | 2,803.50 | - | - | 128.01 | 2,803.42 |
| | TOTAL CHANGE C.O. #9 | | | | 7,008.75 | - | - | | 7,008.66 |
| C.O. #10 | Concrete Around Area Drains | LS | 1,000 | \$2,420.00 | 2,420.00 | 1.00 | 2,420.00 | 1.00 | 2,420.00 |
| | TOTAL CHANGE C.O. #8 | | | | 2,420.00 | 1.00 | 2,420.00 | | 2,420.00 |
| C.O. #11 | All American Extra Work | TON | 1,000 | \$22,934.45 | 22,934.45 | 1.00 | 22,934.45 | 1.00 | 22,934.45 |
| | TOTAL CHANGE C.O. #9 | | | | 22,934.45 | | 22,934.45 | | 22,934.45 |
| | TOTAL CONTRACT WITH CHANGE ORDERS | | | | 1,198,425.90 | | 31,431.51 | | 1,234,159.48 |

* Quantity Change with Change Order #2
 ** Quantity Change with Change Order #5
 *** Quantity Change with Change Order #6
 **** Quantity Change with Change Order #7
 ***** Quantity Change with Change Order #9

Pay Estimate #1
 Pay Estimate #2
 Pay Estimate #3
 Pay Estimate #4
 Pay Estimate #5
 Pay Estimate #6
 Pay Estimate #7

Retainage _____ 5% \$ 61,707.97

Total Value of Completed Work Less Retainage \$ 1,172,451.51

Previous Payments \$ 1,142,591.48

Current Payment Due \$ 29,860.03

\$ 137,636.14
 \$ 292,834.37
 \$ 170,071.75
 \$ 66,466.06
 \$ 256,775.65
 \$ 174,143.82
 \$ 44,673.69

RESOLUTION #012317-03

**RESOLUTION TO APPROVE PROFESSIONAL SERVICES
AGREEMENT WITH MMS CONSULTANTS FOR THE WASHBURN &
2ND STREET PAVING PROJECT**

Whereas, the City of Riverside City Council agrees to enter into a Profession Services Agreement with MMS Consultants for engineering services for the Washburn & 2nd Street Paving Project per the agreement attached.

Therefore, be it resolved the City of Riverside City Council does hereby approve to enter into this agreement for this project.

It was moved by Councilperson _____, seconded by Councilperson _____, to approve the foregoing resolution.

Roll Call: Redlinger, Schneider, Sexton, Weber, Schnoebelen

Ayes:

Nays:

Absents: Schnoebelen

Signed: _____

Allen Schneider, Mayor

Attest: _____

Lory Young, City Clerk

Lory Young

From: Scott Pottorff <S.pottorff@mmsconsultants.net>
Sent: Friday, January 20, 2017 1:41 PM
To: Lory Young
Cc: g.meisner@mmsconsultants.net
Subject: 2nd Street and Washburn Street Proposal for Services
Attachments: 2245032proposal.pdf; _Certification_.htm

Please find attached our proposal for services for the Washburn/2nd Street project.

I am working to get a current cost estimate for the project along with the Highway 22 Water Main/Streetscape Project and I hope to get those to you later today. I don't think I will likely get those to you in time to get into the packet but will have them for budget discussions.

Let me know if you have any questions.

[Sign up for our newsletter](#) – We promise short, meaningful updates just six times a year.



MMS Consultants, Inc.
Experts in Planning and Development Since 1975

Scott Pottorff, P.E.

Project Manager

Office: (319) 351-8282

Mobile: (319) 631-0365

S.pottorff@mmsconsultants.net

www.mmsconsultants.net

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MMS CONSULTANTS, INC.

Professional Services Agreement

This is an Agreement made as of _____, 2017, between MMS Consultants, Inc. (MMS) and the City of Riverside, Iowa. (CLIENT - legally responsible party). CLIENT hereby engages MMS Consultants, Inc. to perform services as outlined and according to the terms and conditions expressed herein.

Services: Services: Final Design, Permitting, Bidding, Construction Services for Storm Sewer, and PCC Paving on 2nd Street from Washburn Street to Ella Street and Washburn Street from Highway 22 to 2nd Street and Extend Storm Sewer South of Highway 22 - Riverside, Iowa

MMS and CLIENT agree:

1. **Scope of Services.** MMS shall perform the services as stated in Exhibit 1, which shall hereinafter be referred to as the "Project." In the event the scope of services changes during the term of this Agreement, the parties shall execute a written change order specifying the nature of the change in the scope of services and any associated change in the payment required. .
2. **Compensation and Payment.** Client shall compensate MMS for MMS's services as stated in Exhibit 2.
3. **Terms and Conditions.** MMS shall provide professional services in accordance with the terms and conditions stated in Exhibit 3. The terms and conditions contained within this Agreement shall apply to all change orders related to this project.
4. The following exhibits are attached to and made part of this Agreement:

Exhibit 1 – Scope of Services

Exhibit 2 – Compensation

Exhibit 3 – Standard Terms & Conditions

IN WITNESS WHEREOF, the parties below have executed this Agreement as of the day and year first above written.

MMS Consultants, Inc.

Client Acceptance:

By: _____

Signed By: _____

Printed Name: _____

Address for giving notices:

City of Riverside
60 N. Greene Street
Riverside, IA 52327

If CLIENT is a public body, attach evidence of authority to sign and resolution or other document authorizing execution of AGREEMENT.

MMS CONSULTANTS, INC.
Professional Services Agreement
Exhibit 1 – Scope of Services

Services: Final Design, Permitting, Bidding, Construction Services for Storm Sewer, and PCC Paving on 2nd Street from Washburn Street to Ella Street and Washburn Street from Highway 22 to 2nd Street and Extend Storm Sewer South of Highway 22 - Riverside, Iowa

BASIC SERVICES SHALL INCLUDE:

A. FINAL DESIGN, PERMITTING AND BIDDING

1. Meet with affected adjacent residents and businesses at public information meetings (fee based on two (2) meetings)
2. Attend City Council meetings as required to inform Council of project progress
3. Prepare Project Design and Construction Documents; including detailed project plans and specifications for construction:
 - Coordinate with City staff and representatives on design and specifications;
 - Attend meetings with the designated Client personnel, and others whose approval is critical to the final approval of the construction documents for the improvements;
 - Submit completed documents to City Council for review and approval;
 - Prepare responses to any comments received from City, revise documents or plans as needed;
 - Prepare Engineer's Estimate of Cost to construct the improvements as shown on the completed and approved construction plans and documents.
4. Submit plans and specifications to Iowa DNR in support of an application for sanitary sewer or water main construction permit (if required). Permit fees shall be paid for separately by the CLIENT. Assist CLIENT with obtaining NPDES erosion control permit from the Iowa DNR for the project.
5. Prepare necessary bid documents including form of contract and required bid and public hearing notices. Distribute advance notice to potential bidders and distribute plans and specifications to contractors and plan holders. Fee also includes the costs for printing, distribution, mailing or shipping of bidding documents and issuance of addenda as plans for public improvements projects shall be provided to bidders at no cost or with a refundable plan holder fee.
6. Assist the City with the Bidding Process.
 - Publish all required notices;
 - Distribute plan and specifications sets;
 - Respond to bidder/contractor questions;
 - Assist City with bid opening, tabulation of bids received, evaluate bids received and provide a recommendation regarding award of contract;
 - Assist City with processing contract, performance bond, proof of insurance for final approval and execution.

B. CONSTRUCTION STAKING, INSPECTION AND ADMINISTRATION

1. Assist City with administration of the contract
2. Provide on-site inspection of the construction to ensure conformance with the plans and specifications
3. Review and approve pay requests and change orders
4. Construction layout staking
5. Schedule and attend preconstruction conference
6. Review submittals
7. Reset property pins with survey plat to be recorded

The following services are not included in the Scope of Services but can be negotiated separately if these services are required:

1. Preparation of temporary or permanent easement plats
2. Wetlands delineation reports, permitting or mitigation plans
3. Negotiating of easements with property owners
4. Soils investigation

MMS CONSULTANTS, INC.
Professional Services Agreement
Exhibit 2 – Compensation and Payment

Services: Final Design, Permitting, Bidding, Construction Services for Storm Sewer, and PCC Paving on 2nd Street from Washburn Street to Ella Street and Washburn Street from Highway 22 to 2nd Street and Extend Storm Sewer South of Highway 22 - Riverside, Iowa

1.0 Client shall pay MMS as follows:

- A. Lump sum in the amount of 8.5% of the final construction cost for the scope of project selected by the City Council for the scope outlined in Item A in Exhibit 1. This fee does not include application or permit fees, outside services, equipment or materials.

Lump sum in the amount of 7% of the final construction cost for the scope of project selected by the City Council for the scope outlined in Item B in Exhibit 1. This fee does not include application or permit fees, outside services, equipment or materials.

All additions and changes to scope of services shall be agreed upon by use of a Change Order signed by both MMS and Client. All conditions for payment of Change orders will be the same as the conditions for payment within the original Agreement.

- B. Invoices will be prepared monthly in accordance with MMS standard invoicing practices and submitted to Client. Invoices are due upon receipt. If Client fails to make any payment due to MMS for services and expenses within 60 days after date of MMS invoice, the amounts due MMS will be increased at the rate of 1.5% per month from the 60th day after invoice date. In addition, MMS may, without liability and not in lieu of any other rights MMS may have at law or in equity, after giving seven days written notice to Client, suspend services under this Agreement until MMS has been paid in full all amounts due for services, expenses, and other related charges. In addition, in any action to collect unpaid amounts due pursuant to this Agreement, Client shall pay all cost of collection including but not limited to court costs and MMS's attorney's fees. Payments will be credited first to interest and then to principal.
- C. In the event of a disputed or contested invoice, only that portion so contested may be withheld from payment, and the undisputed portion shall be paid.
- D. Upon complete execution of this Agreement, MMS shall have the right to commence the performance of its services immediately and shall continue its performance of said services thereafter until said services are complete. Client shall not have the right to terminate this Agreement or to cancel MMS's services unless the entire project of which MMS's services are a component part has been ceased or cancelled. In said event, Client shall give MMS written notice of the termination of the project and MMS shall be entitled to payment for any services performed or expenses incurred prior to receipt of said written notice.

MMS CONSULTANTS, INC.
Professional Services Agreement
Exhibit 3 – Terms and Conditions

Services: Final Design, Permitting, Bidding, Construction Services for Storm Sewer, and PCC Paving on 2nd Street from Washburn Street to Ella Street and Washburn Street from Highway 22 to 2nd Street and Extend Storm Sewer South of Highway 22 - Riverside, Iowa

Standard of Care will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. MMS makes no warranties, express or implied, under this Agreement or otherwise, in connection with services required to be performed by this Agreement. MMS and its consultants may use or rely upon the design services of others, including, but not limited to, contractors, manufacturers and suppliers.

A. MMS shall not at any time supervise, direct or have control over any contractor's work, nor shall MMS have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for safety precautions and programs incident to a contractor's work progress, nor for any failure of any contractor to comply with laws and regulations applicable to contractor's work.

C. MMS neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work in accordance with the contract between Client and such contractor.

D. MMS Shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or of any contractor's agents or employees or any other persons (except MMS's own employees) at the Project site or otherwise furnishing or performing any construction work in connection with the Project; or for any decision made based on interpretations or clarifications of the construction contract given by Owner without consultation with and advice of MMS.

E. All design documents prepared or furnished by MMS are instruments of service and MMS retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed.

F. To the fullest extent permitted by law, Client and MMS (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project, and (2) agree that MMS's total liability to Client under this Agreement shall be limited to the total amount of the compensation received by MMS pursuant to this Agreement.

G. The information and services provided by MMS pursuant to this Agreement are intended for use only by Client. No third party shall have any right arising from this Agreement or the documents produced pursuant to this Agreement. As additional consideration for the performance the services called for hereunder, Client agrees to hold harmless and indemnify MMS and its employees, officer, directors, and agents for all costs, expenses, legal fees, awards, settlements, and judgments in any legal proceeding brought by any third party who claims that he or she relied on representations made in such documents and was damaged thereby. Client's request that MMS release copies of documents produced pursuant to the terms of this Agreement shall be at Client's risk with respect to the contents of this paragraph.

H. If Client claims that MMS has made an error in any of the services provided hereunder, Client will inform MMS of the alleged error and allow MMS to inspect the property before Client takes any action to correct the alleged error or which would otherwise make it difficult or impossible for MMS to evaluate the existence of the alleged error. If Client repairs or otherwise provides a remedy for such alleged error or further disturbs the property such that it becomes impossible for MMS to confirm the existence or otherwise evaluate the alleged error, Client waives any and all actions against MMS for such alleged error.

I. Client shall indemnify and reimburse MMS for any and all costs and expenses associated with any civil action arising under this Agreement, including but not limited to attorney's fees, costs, and expenses, unless Client unilaterally prevails in a court of competent jurisdiction.

J. Upon complete execution of the Agreement, MMS shall have the right to commence the performance of its services immediately and shall continue its performance of said services thereafter until said services are complete. Client shall not have the right to terminate this Agreement or to cancel MMS's services unless the entire project of which MMS's services are a component part has been ceased or cancelled. In said event, Client shall give MMS written notice of the termination of the project and MMS shall be entitled to payment for any services performed or expenses incurred prior to receipt of said written notice.

RESOLUTION #012317-04

RESOLUTION FOR CONTRACT FOR LIBRARY SERVICES

WHEREAS the City of Riverside does not have a public library in its community, so the City will contract with the Kalona Public Library for services to all Riverside residents.

NOW, THEREFORE, BE IT RESOLVED by the City of Riverside City Council of Riverside, IA agrees to pay the sum of \$19,860.00 for the Fiscal Year 2017-2018 to the Kalona Public Library for all the residents of the City of Riverside to use all Library services provided.

BE IT RESOLVED this designation shall be effective July 1st, 2017 through June 30th, 2018.

MOVED BY Council Person _____, Seconded by Council Person _____ to approve the foregoing resolution.

PASSED AND APPROVED this 23rd day of January, 2017 by the City Council of Riverside, IA.

Roll Call: Weber, Schneider, Sexton, Schnoebelen, Redlinger

Ayes:

Nays:

Absent: Schnoebelen

Signed: _____
Allen Schneider, Mayor

Attest: _____
Lory Young, City Clerk

Kalona Public Library

510 C Avenue • P.O. Box 1212 • Kalona, IA 52247
Phone (319) 656-3501 kaloplib@kctc.net Fax (319) 656-3503

December 30, 2016

Riverside City Council
Attention: City Clerk
60 N. Greene Street
P.O. Box 188
Riverside, IA 52327

Enclosed is a new draft for the contract with the Kalona Public Library for library services for the fiscal year beginning July 1, 2017. We welcome the opportunity to provide library services for the citizens of Riverside.

We are basing our calculation of the amount this year on \$20.00 per capita. According to the latest figures available ("Iowa Public Library Statistics, July 2014-June 2015"), the state average for library costs for a city the size of Riverside is \$38.11 per capita. Kalona residents were paying \$62.61; Washington, \$52.35, and Wellman, \$55.68 per capita, according to the 14/15 figures. Our objective continues to be to gradually bring your contribution up to the county rural level, which is currently a per capital rate of \$20.17.

Based upon your population of 993 (2010 census), and using the rate of \$20.00 per capita, this would call for \$19,860.00, which is an increase of \$496.50 over the current year.

Please contact our Library Director, Anne Skaden, if you have questions (656-3501). If you wish, she would be willing to attend a meeting of your City Council to answer their questions as well.

Sincerely,



Frank Slabaugh, President, Kalona Library Board of Trustees
319-656-2281
frank.slabaugh@gmail.com

JAN 06 2017



Date: January 18, 2017

To: Riverside Council

From: Bill Stukey, Operator

O & M Report: December 2016

Water Operation & Maintenance

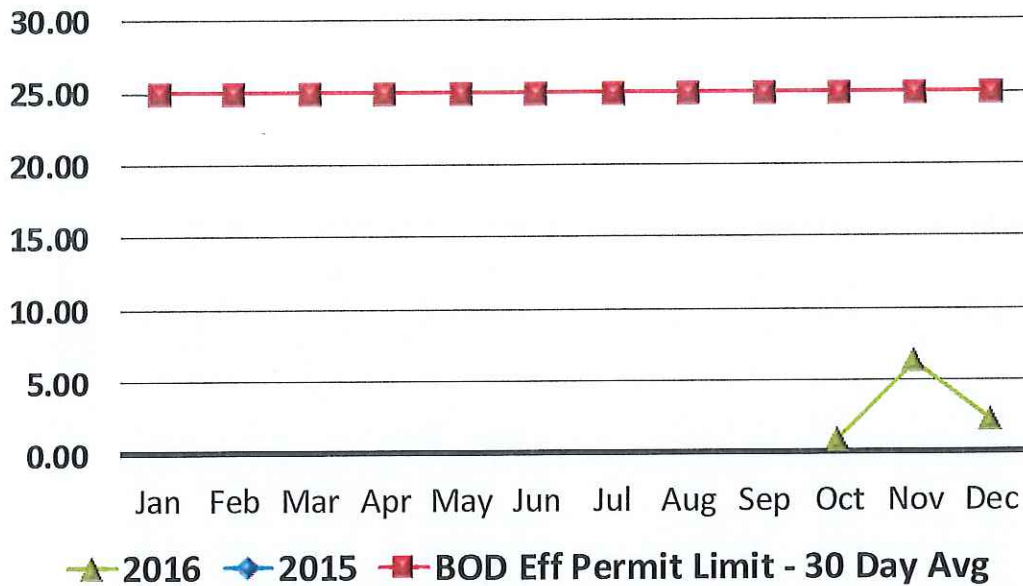
- Check for water leak at Integrity Builders.
- Covered generator at water plant for cold weather.
- Cahoy pulled and televised well 8.
- Lowered curb stop box at 316 Sycamore per owner's request. Located in sidewalk and their snow blower was catching the lid.
- Shut off water to residence on 1st St where fire was located.
- 5 locates completed.

Wastewater Operation & Maintenance

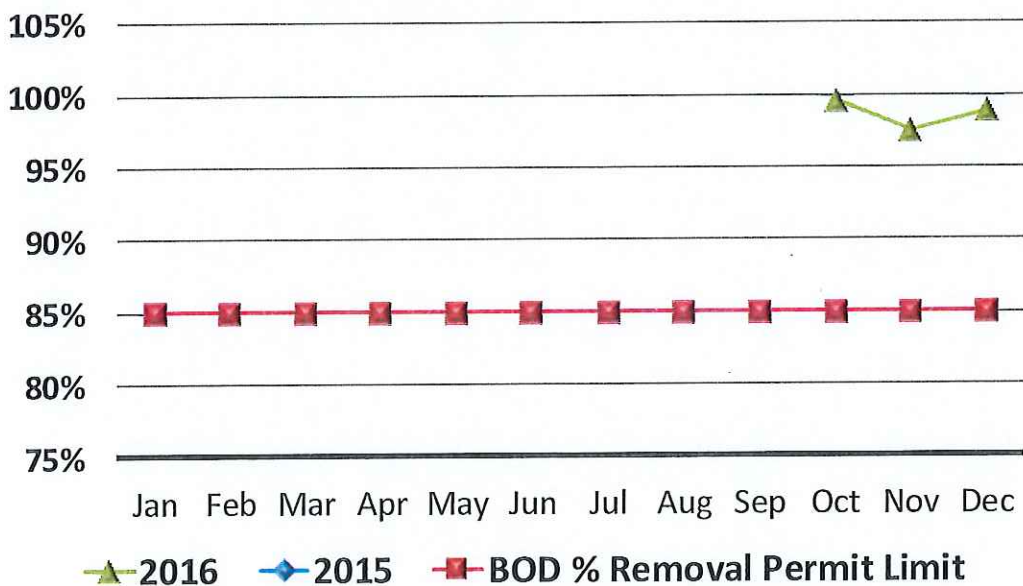
- Met with Fluidyne to go over SBR plant.
- Thawed frozen vent line on decanter.
- Tank 2 placed in recirculating mode to handle lower flow rates.
- Alarm at lift station 1, excessive cold temperatures caused the VFD temps to drop. Heater was working at the time. Working properly after resetting.
- Increased sludge wasting rates to help with sludge bulking.

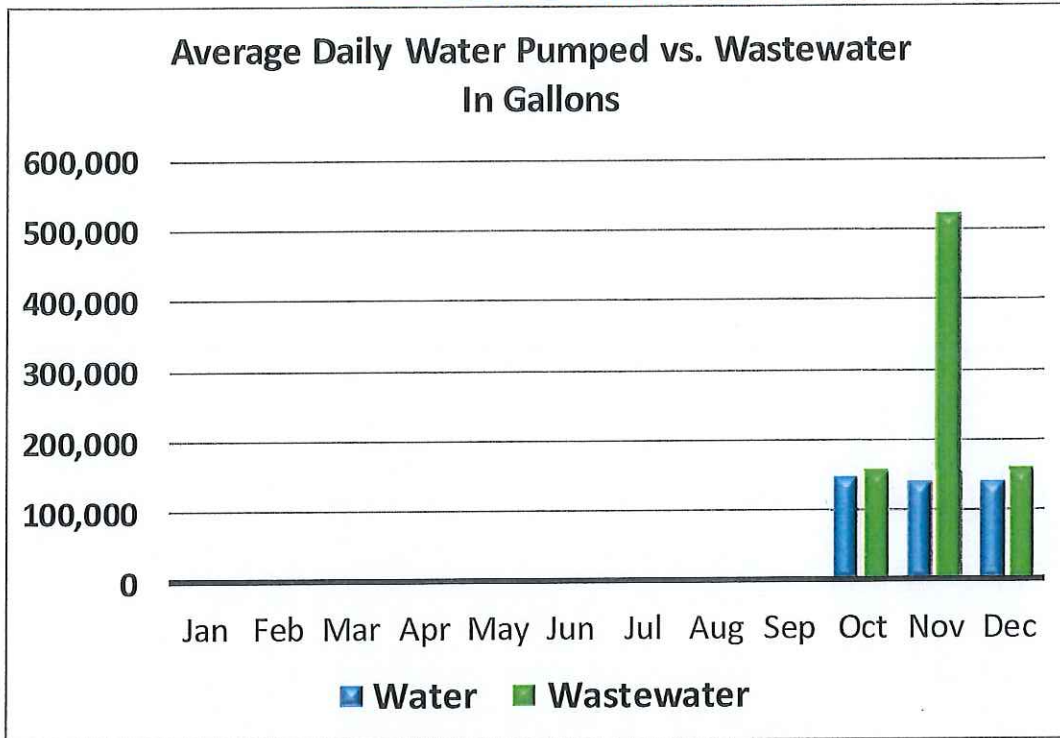


BOD Effluent



BOD % Removal





| Contract True-Ups - Current Contract Year | | | | |
|---|-----------------|--------------|-------------|-----------|
| Item | Budgeted Amount | Amount Spent | % of Budget | % of Time |
| Chemical Budget | \$18,000.00 | \$702.88 | 4% | 22% |
| Maintenance Budget | \$15,000.00 | \$533.66 | 4% | 22% |
| Total | \$33,000.00 | \$1,236.54 | 4% | 22% |



| | | December-16 | November-16 | December-15 |
|--|---------|-------------|-------------|-------------|
| Water | | | | |
| Total Monthly Pumped | gallons | 4,275,000 | 4,197,000 | 0 |
| Average Daily Pumped | gallons | 137,900 | 139,900 | 0 |
| Maximum Daily Pumped | gallons | 420,000 | 493,000 | 0 |
| Minimum Daily Pumped | gallons | 0 | 0 | 0 |
| Chlorine | | | | |
| Chlorine - Total Avg Residual Plant | mg/L | 1.86 | 2.29 | 0.00 |
| Chlorine - Total Avg Residual System | mg/L | 1.00 | 1.05 | 0.00 |
| Chlorine - Recommended Residual System | mg/L | 0.30 | 0.30 | 0.30 |
| Chlorine used | lbs | 178.00 | 168.00 | 0.00 |
| Iron | | | | |
| Iron - Avg Raw | mg/L | 1.63 | 2.37 | 0.00 |
| Polyphosphate | | | | |
| Polyphosphate - Avg Residual | mg/L | 2.16 | 2.65 | 0.00 |
| Polyphosphate - Recommended Residual | mg/L | 0.5 - 2.0 | 0.5 - 2.0 | 0.5 - 2.0 |
| Polyphosphate used | lbs | 13.00 | 10.00 | 0.00 |
| Water Loss | | | | |
| Water Billed | gallons | 0 | 0 | 0 |
| Water used in main breaks/hydrant flushing | gallons | 0 | 0 | 0 |
| Water used at city buildings | gallons | 0 | 0 | 0 |
| Loss | gallons | 100% | 100% | #DIV/0! |
| Wastewater | | | | |
| BOD | | | | |
| BOD Influent Avg | mg/L | 201 | 249 | 0 |
| BOD Effluent Avg | mg/L | 2 | 6.3 | 0 |
| BOD Eff Permit Limit - 30 Day Avg | mg/L | 25 | 25 | 25 |
| BOD % Removal | % | 98.85% | 97.46% | 0.00% |
| BOD % Removal Permit Limit | % | 85% | 85% | 85% |
| TSS | | | | |
| TSS Influent Avg | mg/L | 157 | 126 | 0 |
| TSS Effluent Avg | mg/L | 3 | 22 | 0 |
| TSS Effluent Permit Limit - 30 Day Avg | mg/L | 30 | 30 | 0 |
| TSS % Removal | % | 98.03% | 82.28% | 0.00% |
| TSS % Removal Permit Limit | % | 85% | 85% | 85% |
| Nitrogen Ammonia | | | | |
| NA Effluent Avg | mg/L | 0 | 0 | 0 |
| NA Effluent Permit Limit - 30 Day Avg | mg/L | 10 | 8 | 0 |
| Influent Flow | | | | |
| Total Monthly | gallons | 4,937,200 | 15,745,200 | 0 |
| Average Daily | gallons | 159,264 | 524,840 | 0 |
| Maximum Daily | gallons | 221,300 | 1,068,700 | 0 |
| Minimum Daily | gallons | 50,400 | 150,600 | 0 |
| Permit Limit - 30 Day Avg | gallons | 444,000 | 444,000 | 0 |
| Permit Limit - Daily Maximum | gallons | 1,425,000 | 1,425,000 | 0 |

There is no maintenance budget audit information yet for the month of December. This will be added to next month's report.

Lory Young

From: Bill Stukey <BStukey@peopleservice.com>
Sent: Tuesday, January 17, 2017 10:09 AM
To: 'lory@cityofriversideiowa.com'
Subject: Fluidyne report.
Attachments: Riverside IA Service Report_12132016.pdf; _Certification_.htm

Lory,

Attached is the report we got from the Fluidyne visit. Please attach this to my council report for the next meeting.

Thanks,
Bill

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5436 Nordic Drive
Cedar Falls, IA 50613
Ph: 319-266-9967
FAX: 319-277-6034
Email: targiem@fluidynecorp.com

December 13, 2016

SERVICE REPORT

PROJECT: Riverside, IA ISAM™
DATE ON SITE: December 9, 2016

ATTENDEES:

Bill Stukey, 319-800-3281, Operator with People Service
Targie Mandt, 319-266-9967, Fluidyne Corporation

OVERVIEW

The purpose of the visit was for evaluation and operator training of the Fluidyne ISAM™ system. This included process control, review of process set points, in-house process data, conducting settle tests both bench test and SBR sludge core, SBR sampling for process control and influent/effluent data. We reviewed sampling locations for in-house process control along with operator spreadsheets for solids management. Operator spreadsheets include hydraulics, SBR cycles, F/M, target MLSS, SRT and wasting calculations that were sent electronically.

SUMMARY

After a short walk through of the headworks and ISAM system, we reviewed some influent data and used flow data over the previous 24 hours where East flow was 36,700 gal, West flow was 132,800 for a total 24-hour flow of 169,500 gal. We also used the latest influent BOD/TSS/TKN concentrations of 266/96/48 mg/ and based on these loadings, a reactor MLSS of 1,815 mg/L and current process set points we input this data into the operator Excel calculator to determine current F/M ratios and SRT's – see spreadsheets examples. In general, the system operates at low F/M and long SRT's. To determine average and peak loading conditions several data series over the course of several months should be used and input into the operator Excel spreadsheets to help determine optimum operating ranges. Several different versions of the Excel guide were provided at various loading and operational conditions to illustrate how hydraulics, F/M, SRT and wasting cycles are impacted.

We then investigated effluent TSS as Bill was concerned with some visible effluent solids that had had begun to collect in the effluent sampler over the last few days. In order to troubleshoot this I wanted to determine if this was biological in nature such as poor settling in the SBR or because of a mechanical issue with the decanter system. We started by checking sludge blanket levels by comparing settle tests between a 2L bench settle test in the Settlimeter and a

sludge core in the SBR 1 tank during settle. The solids in the bench test had already been collected from SBR 1 and were settled out but we determined they were around 30% after 2.5 hours of settling. When we sludge cored the SBR there was 8.5 ft. of clear supernatant after 2.5 hours of settling. The top water level in the SBR is 18 ft. and therefore the sludge blanket level was at 9.5 ft. or 53% of the total volume compared with 30% with the bench test. Bottom water level in the SBR is around 13.5 ft. and the sludge blanket level should be no higher than 11.5 ft. prior to decanting. So even though the sludge blanket in the SBR was 1.77 times higher than the bench test no solids would be pulled from the reactor assuming the decanters were operating correctly.



SBR 1 Sludge Core – Blanket Level 9.5 ft., Very Clear Supernatant

We then opened the covers to the post EQ tank to monitor the effluent discharge from SBR 1. As soon as the settle cycle was complete, Bill and I checked operation of the vent valves. There was a good charge of air that exhausted from the west side for 20 seconds but nothing came out of the east vent in SBR 1. We then watched the effluent discharge from both effluent valves and the far west side was crystal clear but there was visible color on the east side for approximately 30 seconds. At the end of decant we also checked the vent lines and the west side pulled a vacuum for approximately 35 seconds but the east side did not recharge with air and we determined the short section of vent pipe between the vent valve enclosure and tank was frozen. We verified that all of the heater strips were working correctly inside the 4 decanter vent valve and 2 waste valve enclosures. We also determined that the effluent sampler was taking a sample during the initial decant which is not at all representative of the entire decant cycle. For example, if the sampler only collected one small volume sample during the initial decant period for 30 seconds and the TSS concentration was 50 mg/L this would not represent

the remaining 30 minutes of decant where TSS concentration is < 3 mg/L. Even if the sampler takes a "composite" 5 samples over the 30 minute decant period the first sample would represent 20% of the entire sample whereas the actual volume of supernatant that is discharged with higher TSS represents only 1% of the entire batch volume. At any rate, we determined the effluent TSS was very clear in both decanters except for a few seconds during initial decant on the east decanter. Once the vent line is fixed the east decanter should also discharge clear effluent at the beginning of decant.



SBR 1 West Decanter Clear, East Decanter Color for 30 Seconds



SBR 1 West Decanter Clear, East Decanter Clear After 30 seconds



SBR 1 Clear Sample West Decanter and Dirty Sample East Decanter First 30 Sec.



SBR 1 Decant Vent Valve East Side; Exhaust Side of Vent Plugged with Ice

We also measured and monitored the following data in train 1. This data should be used to check and verify that train 2 is also operating correctly and to verify user inputs for the Excel Operator Calculators.

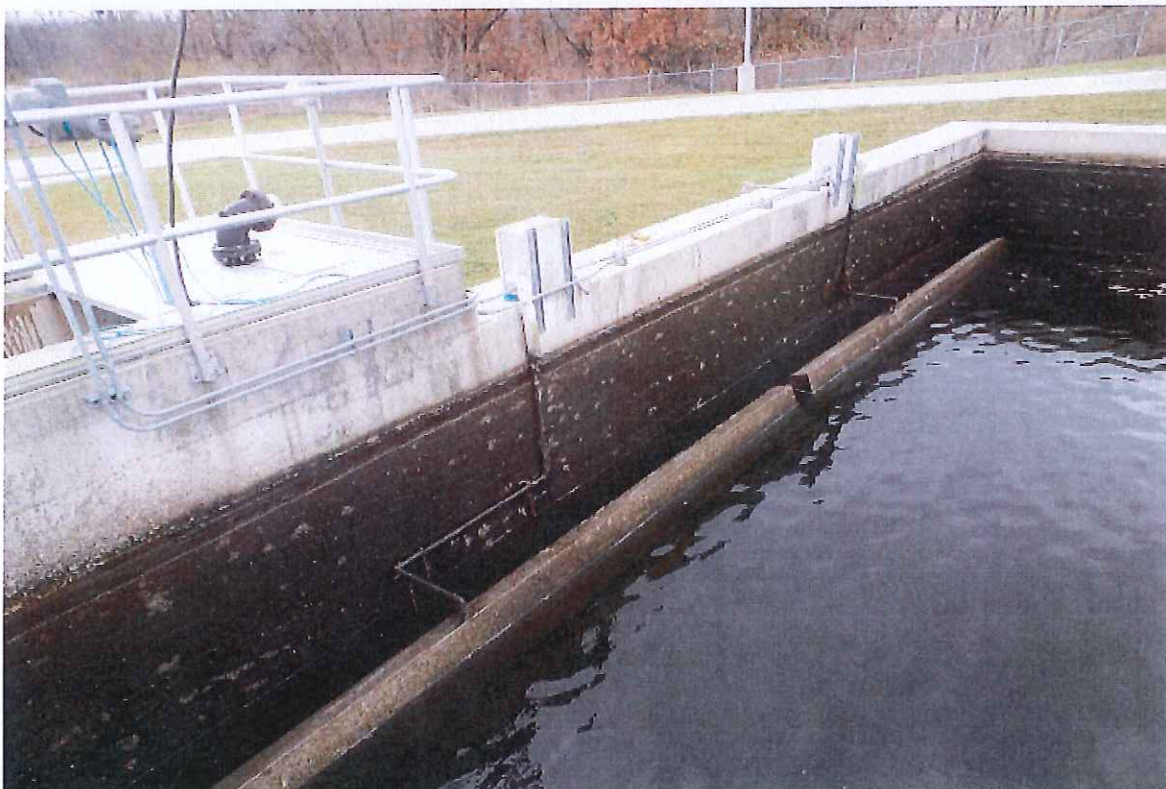
RIVERSIDE, IA SITE VISIT DATA

Date: December 9, 2016

| Parameter | Train 1 | Train 2 |
|--|-------------|-------------|
| Side Wall Depth Nominal (ft) | 19.958 | 19.958 |
| SBR Length (ft) | 60.00 | 60.00 |
| SBR Width (ft) | 44.00 | 44.00 |
| Water Level @ TWL Below Side Wall (in) | 23.50 | |
| Water Level @ BWL Below Side Wall (in) | 77.00 | |
| Top Water Level (ft) | 18.00 | |
| Bottom Water Level (ft) | 13.54 | |
| Decant Height (ft) | 4.46 | |
| Decant Volume (gal) | 88040 | |
| Decant Time (min) | 30.00 | |
| Decant Rate Nominal (GPM) | 2935 | |
| SBR Fill Time (min) | 30.50 | |
| SBR Fill Rate Nominal (GPM) | 2887 | |
| SAM SWL Float Below Side Wall (in) | 104.00 | 87.00 |
| SAM SWL Float Level (ft) | 11.29 | 12.71 |
| Vent Valve West Side Air Exhaust Time (sec) | 20 | |
| Vent Valve East Side Air Exhaust Time (sec) | 0 | |
| Vent Valve West Side Recharge Time (sec) | 35 | |
| Vent Valve East Side Recharge Time (sec) | 0 | |
| SAM/SBR MLSS (mg/L) | 1,815 | |
| Sludge Blanket Bench Settle Test After 2.5 hours (ml/L) | 300 | |
| Sludge Blanket Sludge Core in SBR After 2.5 hours (ml/L) | 530 | |
| Bench Settle Test SVI | 165 | |
| SBR Sludge Core Settle Test SVI | 292 | |
| SBR Dissolved Oxygen End of Anoxic Fill (mg/L) | 1.4 | |
| Batches per Day | | |
| Operating Mode (Indep or Alt) | Independent | Independent |
| Aeration Mode (Timed or DO) | DO | DO |



SBR 1 During Fill



SBR 1 Decanters – Exhaust Side of Vent Lines Require Heat Protected



SBR 2 During Anoxic Interact

The system has been operating in Independent DO aeration mode but the gate valve between the SAM tanks was open. We discussed operation of Alternating and Independent modes, the benefits of each, position of the SAM gate valve, level control and how to initiate each mode through the HMI. We also discussed nutrient analysis of ammonia-N using HACH test strips or colorimeter and how each SBR should be sampled daily utilizing supernatant from the bench settle test for process control. We also discussed monitoring blower run times and adjustment of Blower Delay/DO/Aerobic/Static/Anoxic/Waste set points by monitoring DO levels, MLSS, sludge blanket levels and nutrient removal of nitrogen.

CONCLUSION

Overall the plant is in good shape and appears to be operating well. With the exception of the plugged vent line, treatment has been excellent and the plant is performing exceptionally well at this time. Additional data, history and process control will further enhance treatment. Fluidyne is available for technical support if there are additional questions regarding operation, maintenance, controls and process control of the system.