

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

Monday, January 9th, 2016 at 6:00 p.m.

6:00 PM Budget Work Session –

- **Capital Projects**
 - **Prioritize**
 - **Street Lighting**
 - **Concept Design for Shelter**
- **Washington County EMS Changes**

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 12-19-16
 - 1b) Expenditures 01-09-17

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. Eagle Scout Project pg 11

5. Publication Discussion

6. Res #010917-01 “Appointing Official Newspaper for City of Riverside” pg 17

7. Repair Recommendations for Well #8 pg 18

8. Motion for MMS to proceed with Concept Design for Hwy 22 Project for DOT pg 24

9. Motion to approve price quote to interface Tyler Software with the Neptune Meter Reading Software pg 27

10. Closing Comments

- City Staff Comments
- City Council Comments & Requests for Information

11. Adjourn Council Meeting

Approved: _____
Allen Schneider, Mayor

Date: _____

Becky LaRoche

From: Clifford McFerren <cardinalsignandgraphics@gmail.com>
Sent: Tuesday, January 03, 2017 10:30 PM
To: Becky LaRoche
Subject: Re: street sign
Attachments: New Riverside St sign.pdf; _Certification_.htm

Becky,

I have attached a new proposal. The standard signs come in 6" or 9" from my supplier. These are the most recognized sizes by DOT. Therefore I priced 9" signs using three different length templates based on the size of the street name. These new signs will meet the letter size requirements outlined in Section 2D.44 sub section 06. I also made the lettering a little thicker on the actual street name for greater visibility. I had to alter it somewhat from the original design in order to make everything fit.

These sign blanks will be the "more reflective" High Intensity Prismatic green where the others were Standard Engineered Grade Reflective. You have an option when it comes to the white lettering. Standard non reflective white vinyl is included with the sign price. You can upgrade to a reflective white vinyl but that will add \$30 to the price of each sign. I would be happy to do a sample sign using each kind of white vinyl (one side reflective, one non) for you guys to "road test".

Also, I would be happy to trade / credit you back on the 4 we last did at \$25.50 ea for a total of \$102. I can use them as samples / demos.

I look forward to hearing from you.

Sincerely,

Clifford McFerren
Cardinal Sign & Graphics
319.627.6766 or 319.430.6125 Cell

On Tue, Jan 3, 2017 at 9:06 AM, Becky LaRoche <becky@cityofriversideiowa.com> wrote:

Cliff,

At our last council meeting, they requested to get info on a 8" street sign.

Can you get me a quote.

Is there any trade in value on the new ones that we have?

Didn't know if they could be reused.

Thanks,

Original size 6 x 36 w/3.5" letters
on Green Engineered Grade Prismatic
with non reflective white vinyl \$50.85ea



New 9 x 42 w/4.75" lettering and 3" on Ave

Qty
1



\$116.25_{ea}

New 9 x 36 w/4.75" lettering and 3" on Ln

2



\$98.79_{ea}

New 9 x 30 w/4.75" lettering and 3" on St

1



\$81.33_{ea}

All signs are High Intensity Prismatic
green with Non-reflective white vinyl lettering.
For reflective white vinyl lettering add \$30 to
the price of each sign.

We will trade in / credit you \$25.50 for
each of the previous signs totaling \$102

Total for replacing previous order would be:

\$395.16
(\$102) credit

\$293.16 TOTAL

RIVERSIDE CITY COUNCIL MEETING; DECEMBER 19, 2016

The Riverside City Council meeting opened at 6:32 pm in City Hall with Mayor Allen Schneider requesting roll call. Council members present were: Rob Weber, Jeanine Redlinger, Bob Schneider Jr., and Tom Sexton. Ralph Schnoebelen was absent.

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

Motion by Schneider to approve consent agenda, minutes, expenditures, and Murphy's Liquor Permit. Second by Sexton, passed 4-0.

Citizens Comments; Larry Simon asked for the status of his Information Requests.

Ralph Schnoebelen arrived at 6:38 pm.

Glen Meisner, MMS Consultants reviewed Capital Projects with the council. Schneider moved to allow MMS to contact the Iowa DOT in reference to the "Safe Walk to School" grant. Second by Redlinger, passed 5-0.

Sweeting drainage ditch was reviewed via Washington Co. Lydar mapping system. Mayor Schneider will contact Sweeting concerning property lines. Staff will get estimates on 8" signs instead of the 6" signs that were placed on Cherry Lane. City Street Lights will be addressed at a January work session. Meisner presented some examples of park shelters for Hall Park. Grants will be applied for in Fall 2017 for Spring 2018. Future Capital Projects were discussed. St. Mary's street still has a section of old 4" water main that needs replaced before HWY 22 resurfacing project starts. Plans are to work on storm water from Washburn and 2nd street to Ella for March 2017. The Pioneer Street project will start in July 2017. Schneider moved to add Washburn Street to the Pioneer Street Project. Second by Schnoebelen, passed 5-0.

Schnoebelen moved to pass Resolution #12192016-01 Cornerstone Change Order # 10 for concrete around drains on Ella Street for \$2420.00. Second by Redinger, passed 3-2 Sexton and Weber opposed.

Schneider moved to pass Resolution # 12192016-02 Cornerstone Pay Request #7 for Ella Street in the amount of \$44,673.69. Second by Schnoebelen, passed 3-2 Sexton and Weber opposed.

Bill Stukey, PeopleService, Inc. gave monthly water and waste water report. Stukey asked council if they wanted to continue with Fluoride treatment in water as many Cities are discontinuing the practice. Council asked Stukey to gather more facts and report back.

Council discussed the Fixed Based Water Meter Reading system. Bradley Klein from Ferguson Water Works was in attendance to answer council questions. He reported that the Propagation Study calls for only two receivers, one on the water tower, and the second at the water plant. The company has installation openings in the first part of February 2017. Schneider moved to proceed with Ferguson Water Works for the bid price of \$221,625.00. Second by Redlinger, passed 5-0.

Schnoebelen moved to pass Resolution #12192016-03 to rescind Resolution #08062012-01 amending the payout for sick leave for current employees. Second by Sexton, passed 4-1 Weber opposed.

Sexton moved to pass Resolution #12192016-04 Appointing William Sueppel Jr. as City Attorney at the rate of \$165.00 per hour. Second by Schnoebelen, passed 5-0.

Schneider moved to table Resolution 12192016-05 Appointing Official Newspaper for Publications pending further information from Kalona News and The Washington Journal. Second by Weber, passed 5-0.

Schneider moved to pass Resolution #12192016-06 Appointing Peoples Trust & Savings Bank, and Hills Bank & Trust as Official Depositories for the City of Riverside. Second by Weber, passed 5-0.

Schnoebelen moved to pass Resolution #12192016-07 Approving Wellmark Health Insurance Renewal Rates for plan year 2017. Second by Weber, passed 5-0.

Schnoebelen moved to pass Resolution # 12192016-08 Approve Delta Dental Insurance Rates for plan year 2017. Second by Weber, passed 5-0.

Sexton moved to pass Resolution #12192016-09 Approving Lincoln National life Insurance Renewal Rates for plan year 2017. Second by Schneider, passed 5-0.

Sexton moved to provide Bryan Lenz with a monthly \$50.00 cell phone stipend towards the service fees on his own phone, with the intent of keeping the same City number. Second by Weber, passed 5-0.

Ella Street sidewalk snow removal was discussed. Sidewalk will be cleared by City Staff within 24 hours of 2" of snow. Letters will be sent to Ella Street residents outlining snow removal procedures.

Barn Quilt installation update was tabled. Quilt will be placed in storage for the winter.

Redlinger moved to hold budget work sessions at 6:00 pm on January 9, 16, 23, and 30th. Council meetings will begin at 7:00 pm on January 9th and 23rd, 2017. Second by Sexton, passed 5-0.

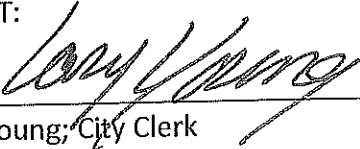
Council Comments; Schnoebelen thanked street staff for great job of snow removal. Weber stated that he would like to see water savings returned to citizens, or rate reduced. He also would like Citizen time at the top of agenda. Redlinger stated that the "Safe Route to School" is a community wide program involving the School, Students, and Citizens. Schneider would like to see subscription numbers of both papers for Riverside City Limits, and Riverside rural postal code in the next packet.

Sexton moved to adjourn meeting at 9:28 pm. Second by Weber, passed 5-0.

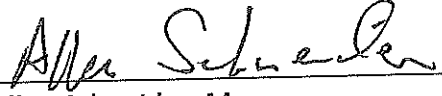
Full content of Council Meetings can be viewed on the City Web Site;
www.cityofriversideiowa.com

City Council Work Session – Monday, January 9, 2017 at 6:00 pm.
NEXT CITY COUNCIL MEETING – Monday, January 9, 2017 at 7:00 pm.

ATTEST:



Lory Young; City Clerk



Allen Schneider; Mayor

AS OF: NOVEMBER 30TH, 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	1,973,750.08	14,044.23	42,433.15	1,945,361.16	145.20	20.34	1,945,236.30
110-ROAD USE TAX	375,122.46	11,077.72	8,051.58	378,148.60	0.00	0.00	378,148.60
121-LOCAL OPTION SALES TAX	267,196.46	8,361.90	0.00	275,558.36	0.00	0.00	275,558.36
125-TIF	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143-CASINO REVENUE FUND	1,188,998.75	39,591.08	875.00	1,227,714.83	0.00	0.00	1,227,714.83
200-DEBT SERVICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
301-CAPITAL PROJECTS	325,552.41	0.00	199,476.42	126,075.99	0.00	0.00	126,075.99
600-WATER FUND	736,676.32	35,551.31	21,819.15	750,408.48	0.00	2.41	750,410.89
610-SEWER FUND	185,728.07	31,888.93	12,887.40	204,729.60	0.00	2.41	204,732.01
670-LANDFILL/GARBAGE	4,953.41	1,888.42	2,319.50	4,522.33	0.00	0.00	4,522.33
680-STORM WATER	22,358.23	1,479.37	0.00	23,837.60	0.00	0.00	23,837.60
GRAND TOTAL	5,080,336.19	143,882.96	287,862.20	4,936,356.95	145.20	25.16	4,936,236.91

*** END OF REPORT ***

11/6/2017

FUND ACCOUNT# ACCOUNT NAME BEGINNING CURRENT CURRENT
 BALANCE ACTIVITY BALANCE

CLAIM ON CASH

001-1110 CHECKING ACCT-GENERAL FUND	1,973,750.08 (	28,513.78)	1,945,236.30
110-1110 CHECKING ACCT-ROAD USE TAX	375,122.46	3,026.14	378,148.60
121-1110 CHECKING ACCT-LOST	267,196.46	8,361.90	275,558.36
125-1110 CHECKING ACCT-TIF	0.00	0.00	0.00
145-1110 CHECKING ACCT-CASINO REVENUE	1,188,998.75	38,716.08	1,227,714.83
200-1110 CHECKING ACCT-DEBT SERVICE	0.00	0.00	0.00
301-1110 CHECKING ACCT-CAP PROJECTS	325,552.41 (	199,476.42)	126,075.99
600-1110 CHECKING ACCT-WATER	736,676.32	13,734.57	750,410.89
610-1110 CHECKING ACCT-SEWER	185,728.07	19,003.94	204,732.01
670-1110 CHECKING ACCT-GARBAGE	4,953.41 (	431.08)	4,522.33
680-1110 CHECKING ACCT-STORM WATER	22,358.23	1,479.37	23,837.60
TOTAL CLAIM ON CASH	5,080,336.19 (	144,099.28)	4,936,236.91

CASH IN BANK - POOLED CASH

999-1110 CASH IN BANK	1,641,970.83 (	156,871.53)	1,485,099.30
999-1112 PEOPLES BANK MONEY MARKET	2,077,601.15	1,451.47	2,079,052.62
999-1114 HILLS BANK	809,321.34	8,018.57	817,339.91
999-1115 CB FUND	15,222.19	10.63	15,232.82
999-1116 COMMUNITY BUILDING CD #18936	273,034.70	0.00	273,034.70
999-1117 COMMUNITY BUILDING CD#18975	263,185.98	0.00	263,185.98
SUBTOTAL CASH IN BANK - POOLED CASH	5,080,336.19 (	147,390.86)	4,932,945.33

WAGES PAYABLE

999-2010 WAGES PAYABLE	0.00 (	3,291.58)	3,291.58)
SUBTOTAL WAGES PAYABLE	0.00 (	3,291.58)	3,291.58)

TOTAL CASH IN BANK - POOLED CASH

5,080,336.19 (144,099.28) 4,936,236.91

Council Packet

DUE TO OTHER FUNDS - POOLED CASH

999-2100 DUE TO OTHER FUNDS 5,080,336.19 (144,099.28) 4,936,236.91

TOTAL DUE TO OTHER FUNDS 5,080,336.19 (144,099.28) 4,936,236.91

11/6/2017

FUND ACCOUNT# ACCOUNT NAME BEGINNING BALANCE CURRENT ACTIVITY CURRENT BALANCE

DUE TO POOLED CASH

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

Council Packet

***PROOF CASH BALANCES ***

(A)	(B)	(C)
CLAIM ON CASH	CLAIM ON CASH	CASH IN BANK
4,936,236.91	4,936,236.91	4,936,236.91
CASH IN BANK	DUE TO OTHER FUNDS	DUE TO OTHER FUNDS
4,936,236.91	4,936,236.91	4,936,236.91
DIFFERENCE		
0.00	0.00	0.00

Nathan Butler Eagle Project
319-330-6155

Information and Bulletin Boards

Location

Bulliten:

1. At trailhead at end of River St.
2. At central location such as Hall Park or Railroad Park - open to community additions?



Information:

1. Near benches past first bridge - next to little library. About 1 mile down entire trail (Washington St. to Bud's)



2. Near the inset benches between Bud's and Stumpf's. Just past second bridge.

About 1.5 miles down entire trail.



Design

- Large board for park bulletin
- Medium board for trailhead bulletin
- Medium or small board for information on trail



Content

Bulletin boards: information on upcoming events, Trek Fest, etc. basically whatever needed for. Information boards contain historical info, flora and fauna, etc.

Suggestions?

Mile Markers

Trail Distances:

Total Washington St. to Bud's: **1.8** miles

River St. Gate/Trailhead to Bud's: **1.1** miles

River St. Gate/Trailhead West to Barricades: **0.7** miles

Markers mark every half mile & trail endpoints. Example: 0.5, 1, 1.5 , 1.8 ... and in reverse order on back of signs. Note-half mile optional, could change to quarter, etc.

Options for Placement: Pick Your Favorite(s)!

1. Place markers every half mile for full length (Washington St. to Bud's) of trail on side of trail (1.8mi)
2. Place markers every half mile from trailhead (River St.) to Bud's on side of trail (1.1mi)
3. Have trailhead be 0, run 1.1 mi east and 0.7 west (Mark half miles both eastwards and westwards with gate as starting point for both.)
4. Place markers in already-maintained areas
5. Other suggestions:

Locations of Markers Depending on Section of Trail Selected

<u>Distance (miles)</u>	<u>Full Length</u>	<u>Trailhead East</u>	<u>Trailhead West</u>
0.0	Barricades near Wash St.	Trailhead (gate)	Trailhead (gate)
0.5	Bathroom at Railroad Park	Barn on hill	Near house/grain bins on S. Wash St.
0.7	-	-	Barricades at Wash St.
1.0	1st Bridge on trail, past chain link area	Bud's	-
1.1	-	Loop at end	
1.5	Just past chain link area past Stumpf's (Halfway between Stumpf's and Bud's)	-	-
1.8	Loop at end	-	-

Design

- 2-sided
- Treated wood 4x4 sunk into ground, not in concrete (contrary to image)
- Top of board cut into wedge
- Numbers routed in and painted on either side of wedge.



Picnic Area

Location

1.2 miles down length of entire trail, large mowed area between barn on hill and Stumpf's.

Design

1. Transport picnic table to area.
2. Enjoy.



Anticipated Timeline

Funds and materials collected by **April**

Construction finished by **May**

Installation during **May** and early **June**, if necessary

Ready for use by **Trek Fest**

Becky LaRoche

From: Jim Johnson <publisher@kalonanews.com>
Sent: Friday, December 23, 2016 2:23 PM
To: becky@cityofriversideiowa.com
Subject: City Council request
Attachments: 20161223-Public Notice Request_City of Riverside.pdf

Becky:

I received the request from the City Council for the number of Riverside subscribers to the Kalona News.

We have 329 subscribers in Riverside. I am not able to differentiate between city and rural addresses.

I plan to be at the next City Council meeting to answer questions. I am attaching our request to be named the official publication for the City of Riverside.

Thanks.

JIM

--

Jim Johnson
Publisher
The Kalona News

RESOLUTION #010917-01

RESOLUTION APPOINTING OFFICIAL NEWSPAPER FOR PUBLICATIONS

WHEREAS, the City of Riverside finds it necessary on an annual basis to designate a newspaper of general circulation within the community as the appropriate entity for the publication of all official notices and proceedings;

NOW, THEREFORE BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF RIVERSIDE, IOWA, as follows:

The Kalona News to be the official weekly newspaper for the City of Riverside, Iowa and that such designation shall be in effect for one year beginning with the first council meeting in January 2017, through December 31, 2017.

IT WAS MOVED BY Councilperson _____, seconded by Councilperson _____ that the foregoing Resolution be approved.

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

Ayes: Weber, Schneider, Sexton, Schnoebelen, Redlinger

Nays:

Absent:

Signed: _____
Allen Schneider, Mayor

Attest: _____
Lory Young, City Clerk



The Cahoy Group

Cahoy Pump Service

Well And Pump Service
Municipal • Industrial • Environmental

Great Lakes Water Resources Group
(an affiliate)

December 28, 2016

City of Riverside
1197 Vine Ave
PO box 299
Riverside, IA 52327

Attn: Mr. Bill Stukey
Re: Well #8 Findings

Greetings Bill:

We have completed our inspection of the equipment from well #8, as well as the down hole video inspection, please see the report below. Additionally, part of our company's business philosophy is to educate and help our clients understand exactly what we are potentially dealing with and how best to obtain the results we are striving for. Therefore I have included a brief explanation of the potential causes of a declining well capacity prior to listing our Scope of Work and pricing structure for you.

MINERAL ENCRUSTATION / BIO-FOULING:

This is probably the most common cause of a reduced specific capacity in a screened well. Bacteria are found naturally in all water well formations. As bacteria colonies grow and die they leave either a slimy substance or a harder, scaly formation in the well screen and gravel pack. Combined with the naturally occurring minerals in the water chemistry these can produce a rapid plugging of the screened area as well and the gravel pack and / or the original borehole wall in an open bottom rock well. Since any energy used to rehabilitate a well will follow the path of least resistance, we must conduct a thorough mechanical cleaning of the well screen to allow our energy and chemicals to reach the blockage point(s) where they are needed the most. This is most commonly accomplished by using a tight-fitting surge block, a nitrogen boost generator, or jetting while simultaneously airlifting the well.

SANDS, SILTS, AND CLAYS:

This is probably the most forgotten and overlooked problem with wells deriving their water from an alluvial or unconsolidated formation. All unconsolidated geological formations have naturally occurring sands, silts, and clays in them. While most of these are broken down and removed during the initial development of the well, as time passes these sedimentary products found farther out in the formation will gradually migrate towards the gravel pack and the well screen lodging themselves in this critical area of the well and thus providing blockage in the well -which in turn inhibits the ability of water to enter the well during pumping.

STRUCTURAL FAILURE:

A breached or collapsed well screen or hole in the well casing will obviously cause a tremendous loss of production from any water well. In many instances, however, a well can be re-lined and developed into a reliable source of water for many additional years to come.

Corporate Office:
24568 150th Street • Suite 200
Sumner, Iowa 50674
(562) 578-1130

Great Lakes Water Resources Group
1127 Plainfield Road
Joliet, Illinois 60435
(815) 726-2720

Cahoy - West
200 Grant Street
Mame, Iowa 51552
(712) 781-2030

Cahoy - Illinois North
202 W. Howard
Durand, Illinois 61024
(800)552-5341

CHANGE IN AQUIFER CHARACTERISTICS:

This is usually the case when a declining static water level is noticed and sustained for over a 12 month period of time. There is little remedy for this situation.

HISTORY & WORK COMPLETED:

While acidizing will make the screen look like new, it will not effectively clean the well pack and the original borehole wall because there cannot be enough force generated with a tight-fitting surge block, nor can the foreign material be adequately removed through most methods. Therefore, we propose to utilize the Airburst method of treatment. This technology will most definitely address the sands, silts, and clays as well as mineral encrustation. Beyond the effectiveness of this process, the Airburst procedure poses **NO ENVIRONMENTAL THREAT** nor any hazardous exposure to personnel working in the area.

MOTOR:

The motor has been inspected & is in need of replacement, the motor megs bad & is locked up (motor shaft will not rotate), the main bearing has dropped, & the motor casting itself is soft.

PITLESS:

The pitless & spool are in good condition, the spool does need to be cleaned & disinfected prior to re-installation.

DROP PIPE:

The pipe & couplings are built up with encrustation but overall in good condition; the facings are all true; the pipe is built up & needs to be disinfected & can be re-installed.

CHECK VALVE:

The 8" check valve is in poor condition, not holding & is in need of replacement.

SUBCABLE:

The sub-cable is marginal to bad & with replacing the motor we recommend replacing the sub-cable at this time as well.

PUMP END:

The pump end is showing wear & is in need of a re-build, but can be repaired & re-installed.

VIDEO INSPECTION:

The down hole video inspection was completed on 12/15/16, the overall condition of the screen & casing appears to be good, however there is significant plugging of the screen. From 139.7'BGS – 159.7'BGS the screen is 30% plugged & shows signs of heavy black manganese on the horizontal veins, from 159.7' BGS – 179.7' BGS the screen shows 4+% - 50% plugging with similar black iron manganese, the remainder of the screen is 60% - 80% plugged with the same material & there appears to be approximately 8-10" of fill in the well that needs to be removed. This type of encrustation is best attacked with a chemical treatment, additionally, due to the need for this well to produce for the city; it is recommended that the airburst process be considered to fully redevelop the filter pack to promote longer run time before this infiltration of plugging.

PRICING STRUCTURE FOR WELL #8:

#	DESCRIPTION	U	Q	UNIT PRICE	TOTAL PRICE
1	Job Prep & Mobilization	LS	1	\$ 500.00	\$ 500.00
2	Repairs & replacement equipment outlined above not including 50 HP motor, to include a pump rebuild, cleaning & disinfecting pipe, replacement sub-cable, replacement 8" VFD ready check valve, and all consumables	LS	1	\$ 8,684.00	\$ 8,684.00
3	Replacement 1800RPM 50HP submersible motor	LS	1	\$ 17,538.00	\$ 17,538.00
4	Airburst	LS	1	\$ 15,692.00	\$ 15,692.00
6	Bail post treat -- (Est 2 HR)	HR	2	\$ 180.00	\$ 360.00
7	Re-install & disinfect	HR	6	\$ 180.00	\$ 1,080.00
8	Per-Diems	EA	4	\$ 145.00	\$ 580.00
9	Shipping	LS	1	TBD	TBD
TOTAL ESTIMATED INVESTMENT					\$ 44,434.00
*	Airlifting may be required post Airburst	HR		\$ 180.00	
*	If Airburst needed beyond standard 2 passes	HR		\$ 360.00	
*	Post Televisive Option	EA	1	\$ 850.00	

NOTES;

- Proposal is valid for 30 days. After 30 days we reserve the right to re-visit our material and fuel costs and adjust our pricing structure accordingly.
- While we are confident that all dislodged material will be removed through the normal process, any additional bailing that is required will be billed at an hourly rate of \$180.00 per hour
- Any additional hours required will be charged at an hourly rate of \$180.00 per hour
- Any additional bailing that is required will be billed at an hourly rate of \$180.00 per hour
- Per Diems, if required, will be invoiced at a rate of \$145.00 per man
- Stand by time will be charged at \$180.00 per hour
- This proposal is for one well

Bill, we sincerely appreciate the opportunity to provide you with this proposal. In order to validate it please sign the one marked "copy" and return it to our Sumner office. The original is yours to keep for your records.

Please feel free to contact myself or Darin Cahoy at our Sumner office if you have any questions or wish to have us proceed with scheduling the work.

Sincerely,

Mike Whittenbaugh
 President
 Cahoy Pump Service, Inc.



The Cahoy Group

Cahoy Pump Service

Well And Pump Service
Municipal • Industrial • Environmental

Great Lakes Water Resources Group
(an affiliate)

December 28, 2016

City of Riverside
1197 Vine Ave
PO box 299
Riverside, IA 52327

Attn: Mr. Bill Stukey
Re: Well #8Findings

Greetings Bill:

We have completed our inspection of the equipment from well #8, as well as the down hole video inspection, please see the report below. Additionally, part of our company's business philosophy is to educate and help our clients understand exactly what we are potentially dealing with and how best to obtain the results we are striving for. Therefore I have included a brief explanation of the potential causes of a declining well capacity prior to listing our Scope of Work and pricing structure for you.

MINERAL ENCRUSTATION / BIO-FOULING:

This is probably the most common cause of a reduced specific capacity in a screened well. Bacteria are found naturally in all water well formations. As bacteria colonies grow and die they leave either a slimy substance or a harder, scaly formation in the well screen and gravel pack. Combined with the naturally occurring minerals in the water chemistry these can produce a rapid plugging of the screened area as well and the gravel pack and / or the original borehole wall in an open bottom rock well. Since any energy used to rehabilitate a well will follow the path of least resistance, we must conduct a thorough mechanical cleaning of the well screen to allow our energy and chemicals to reach the blockage point(s) where they are needed the most. This is most commonly accomplished by using a tight-fitting surge block, a nitrogen boost generator, or jetting while simultaneously airlifting the well.

SANDS, SILTS, AND CLAYS:

This is probably the most forgotten and overlooked problem with wells deriving their water from an alluvial or unconsolidated formation. All unconsolidated geological formations have naturally occurring sands, silts, and clays in them. While most of these are broken down and removed during the initial development of the well, as time passes these sedimentary products found farther out in the formation will gradually migrate towards the gravel pack and the well screen lodging themselves in this critical area of the well and thus providing blockage in the well -which in turn inhibits the ability of water to enter the well during pumping.

STRUCTURAL FAILURE:

A breached or collapsed well screen or hole in the well casing will obviously cause a tremendous loss of production from any water well. In many instances, however, a well can be re-lined and developed into a reliable source of water for many additional years to come.

Corporate Office:
24568 150th Street • Suite 200
Sumner, Iowa 50674
(563) 578-1130

Great Lakes Water Resources Group
1127 Plainfield Road
Joliet, Illinois 60435
(815) 726-2720

Cahoy - West
200 Grant Street
Marne, Iowa 51552
(712) 781-2030

Cahoy - Illinois North
202 W. Howard
Durand, Illinois 61024
(800)552-5341

CHANGE IN AQUIFER CHARACTERISTICS:

This is usually the case when a declining static water level is noticed and sustained for over a 12 month period of time. There is little remedy for this situation.

HISTORY & WORK COMPLETED:

While acidizing will make the screen look like new, it will not effectively clean the well pack and the original borehole wall because there cannot be enough force generated with a tight-fitting surge block, nor can the foreign material be adequately removed through most methods. Therefore, we propose to utilize the Airburst method of treatment. This technology will most definitely address the sands, silts, and clays as well as mineral encrustation. Beyond the effectiveness of this process, the Airburst procedure poses **NO ENVIRONMENTAL THREAT** nor any hazardous exposure to personnel working in the area.

MOTOR:

The motor has been inspected & is in need of replacement, the motor megs bad & is locked up (motor shaft will not rotate), the main bearing has dropped, & the motor casting itself is soft.

PITLESS:

The pitless & spool are in good condition, the spool does need to be cleaned & disinfected prior to re-installation.

DROP PIPE:

The pipe & couplings are built up with encrustation but overall in good condition; the facings are all true; the pipe is built up & needs to be disinfected & can be re-installed.

CHECK VALVE:

The 8" check valve is in poor condition, not holding & is in need of replacement.

SUBCABLE:

The sub-cable is marginal to bad & with replacing the motor we recommend replacing the sub-cable at this time as well.

PUMP END:

The pump end is showing wear & is in need of a re-build, but can be repaired & re-installed.

VIDEO INSPECTION:

The down hole video inspection was completed on 12/15/16, the overall condition of the screen & casing appears to be good, however there is significant plugging of the screen. From 139.7' BGS – 159.7' BGS the screen is 30% plugged & shows signs of heavy black manganese on the horizontal veins, from 159.7' BGS – 179.7' BGS the screen shows 4+% - 50% plugging with similar black iron manganese, the remainder of the screen is 60% - 80% plugged with the same material & there appears to be approximately 8-10" of fill in the well that needs to be removed. This type of encrustation is best attacked with a chemical treatment, additionally, due to the need for this well to produce for the city; it is recommended that the airburst process be considered to fully redevelop the filter pack to promote longer run time before this infiltration of plugging.

PRICING STRUCTURE FOR WELL #8:

#	DESCRIPTION	U	Q	UNIT PRICE	TOTAL PRICE
1	Job Prep & Mobilization	LS	1	\$ 500.00	\$ 500.00
2	Repairs & replacement equipment outlined above not including 50 HP motor, to include a pump rebuild, cleaning & disinfecting pipe, replacement sub-cable, replacement 8" VFD ready check valve, and all consumables	LS	1	\$ 8,684.00	\$ 8,684.00
3	Rebuild of 1800 RPM submersible motor	LS	1	\$ 11,266.00	\$ 11,266.00
4	Brush / Bail & Chemically clean & surge x 2	HR	16	\$ 180.00	\$ 2,880.00
5	Material cost for chemical	LS	1	\$ 5,267.00	\$ 5,267.00
6	Bail post chemical treat – (Est 2 HR)	HR	2	\$ 180.00	\$ 360.00
7	Re-install & disinfect	HR	6	\$ 180.00	\$ 1,080.00
8	Per-Diems	EA	4	\$ 145.00	\$ 580.00
9	Shipping	LS	1	TBD	TBD
TOTAL ESTIMATED INVESTMENT					\$ 30,617.00
*	Post Televisé Option	EA	1	\$ 850.00	

NOTES;

- Proposal is valid for 30 days. After 30 days we reserve the right to re-visit our material and fuel costs and adjust our pricing structure accordingly.
- While we are confident that all dislodged material will be removed through the normal process, any additional bailing that is required will be billed at an hourly rate of \$180.00 per hour
- Any additional hours required will be charged at an hourly rate of \$180.00 per hour
- Any additional bailing that is required will be billed at an hourly rate of \$180.00 per hour
- Per Diems, if required, will be invoiced at a rate of \$145.00 per man
- Stand by time will be charged at \$180.00 per hour
- This proposal is for one well

Bill, we sincerely appreciate the opportunity to provide you with this proposal. In order to validate it please sign the one marked "copy" and return it to our Sumner office. The original is yours to keep for your records.

Please feel free to contact myself or Darin Cahoy at our Sumner office if you have any questions or wish to have us proceed with scheduling the work.

Sincerely,

Mike Whittenbaugh
 President
 Cahoy Pump Service, Inc.



MMS Consultants, Inc.
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1917 S. Gilbert Street
Iowa City, Iowa 52240

319.351.8282

mmsconsultants.net
mms@mmsconsultants.net

Environmental Specialists

Landscapes Architects

Land Planners

Land Surveyors

Civil Engineers

January 6, 2017

Lory Young, City Clerk
City of Riverside
PO Box 188
Riverside, Iowa 52327

RE: Iowa Highway 22 Resurfacing Project FY 2019

Yesterday, January 5, 2017 we met with the Iowa Department of Transportation in regards to the resurfacing of Iowa Highway 22 from 218 westerly through the City of Riverside. The meeting was held at the City Hall in Riverside, Iowa.

Representatives from the IDOT were:

- Cathy Cutler, Planner for District 2
- Jim Armstrong, District 5 Engineer
- Mark VanDyke, Assistant District Engineer

Representatives from Riverside were:

- Lory Young, City Clerk
- Bryan Lenz, City Streets Department
- Bill Stukey, Peoples Service
- Scott Pottorff, MMS Consultants, Inc.
- Glen Meisner, MMS Consultants, Inc.

Attached is the agenda that I prepared for the items that were discussed.

Below are some of the important facts that were learned:

1. IDOT will resurface from 218 westerly to the east corporation line of Riverside (East Street) during the 2018 calendar year.
2. Riverside will lead the resurfacing project on Highway 22 through the corporate limits of Riverside with construction happening in calendar year 2019.
3. The IDOT will use a "Cold in Place" treatment meaning they will mill 3" of existing asphalt and add emulsion and then place that asphalt mixture on the milled surface. They will then add 4" of new asphalt. This means the elevation of the new road will be 4" higher than the existing road. The IDOT will then place four foot wide paved asphalt shoulders on each side.
4. Preliminarily, Riverside will utilize a slightly different process. We anticipate removing the 3" of asphalt (assumed depth) down to the original Portland Cement Concrete. Then place a one-inch layer called an "interlayer". This 1" interlayer contains polymerized asphalt binder which increases flexibility of this layer and is



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more impermeable. The purpose of the "interlayer" is to attempt to reduce reflective cracking through the final layer of asphalt resurfacing. We will then place the final 3" lift of new asphalt. It is hopeful that we would raise the elevation of the street approximately 1 inch.

5. The IDOT has asked Riverside to provide our concept for resurfacing and corresponding cost estimates. IDOT needs this info for budgeting and programming purposes. This is an item on January 9, 2017 Riverside City Council agenda to direct MMS Consultants, Inc. to prepare this concept and cost estimate. I would like to bring the concept back to the City Council on January 23, 2017 for discussion. The final concept and cost estimate would be finalized at the February 6, 2017 council meeting. I would also ask the council to authorize MMS to obtain 5 cores on the surface of Highway 22 to determine the thickness of the current asphalt overlay.
6. The City of Riverside and MMS Consultants, Inc. will collaborate to decide where we place storm sewer and close ditches and where we leave the ditches open as they are. We will then decide if we place the same four-foot paved shoulder similar to the Highway 22 Project east of Riverside in the area where we do not close the ditches.
7. IDOT emphasized that all sidewalks need to meet the ADA requirements and installed during the project.
8. The IDOT desires that the ditches be closed and storm sewer pipe be installed in the area of Sycamore Street. It would appear that curb and gutter will be installed in this area and the foot-bridge could be eliminated.

Again, thank you for reading this report. Please discuss and direct MMS Consultants, Inc. to proceed with the concept and cost estimate as well as the five asphalt cores.

Respectfully submitted,

Glen D. Meisner, PE & PLS

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Iowa City, Iowa 52240

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mmsconsultants.net
mms@mmsconsultants.net

2245-020

1/5/17

Riverside, Iowa
Project Meeting with IDOT in Riverside

Agenda

1. Construction Schedule Iowa highway #22 resurfacing between 218 & East City Limit of Riverside
2. Has the IDOT determined the method of overlay for Iowa Highway #22 east of Riverside
3. Jim Armstrong stated at the meeting in Fairfield that he wanted to improve the inlet area of the drainage structure under 22 near Sycamore Street
4. Will IDOT participate in the 4' paved shoulder within Riverside?
5. Scott & Glen will share their ideas on the Highway 22 overlay within the corporate limits of Riverside
6. Scott & Glen will share current projects to relocate city utilities under the existing surface of Highway 22
7. Projected schedule of Iowa Highway 22 within the corporate limits, FY 2019
8. IDOT participation of costs for Highway 22 in Riverside
 - a. Participate in costs
 - b. Design
 - c. Inspection
 - d. Administration
9. When will reimbursements be available to the City of Riverside? During or at the conclusion of the project
10. Any IDOT concerns about the projects

Environmental Specialists

Landscape Architects

Land Planners

Land Surveyors

Civil Engineers



Proposal

Mass Meter Swap and Meter Reading Interface

Local Government Division

Presented to:

Lory Young

City Clerk - Finance Office
City of Riverside
60 N Greene
Riverside, IA 52327
(319) 648-3501
lory@cityofriversideiowa.com

Proposal date:

January 4, 2017

Submitted by:

Brett Womble
(800) 646-2633
brett.womble@tylertech.com

Tyler Technologies
Local Government Division
5519 53rd Street
Lubbock, Texas 79414



Prepared for:
Lory Young
City of Riverside
 60 N Greene
 Riverside, IA 52327
 (319) 648-3501
 lory@cityofriversideiowa.com

Quoted By: **Brett Womble**
 Quote Date: **01/04/17**
 Expiration Date: **05/04/17**

Tyler Related Products and Services

Description	QTY	License Fees	Hours	Services	Investment	Annual
Incode Customer Relationship Management Suite						
Utility Handheld Meter-Reader Interface		\$2,200	4	Included	\$2,200	\$550
Custom Services						
Custom Interface/Programming	505				\$1,010	\$0
Mass Meter Swap (\$2 per meter)						
Subtotal		\$2,200	4	\$0	\$3,210	\$550

Summary	One Time Fees	Recurring Fees
Total Tyler Software	\$3,210	\$550
Summary Total	\$3,210	\$550
Contract Total	\$3,760	

All terms and conditions and payment schedules of the Agreement remain in full force and effect.
 CONTACT ID: _____

CONFIDENTIAL

FYI

PeopleService, Inc
On-Call Schedule

RIVERSIDE, IA & WELLMAN, IA

**Account
#726**

Jan-17

DATE	On Call Operator 7 AM to 5 PM	On Call Operator 5 PM to 7 AM	Rounds
1	Bill Stukey	Bill Stukey	Josh (Vacation)
2	Bill Stukey	Bill Stukey	Josh (Holiday)(Vacation)
3	Bill Stukey	Bill Stukey	Josh Vacation
4	Bill Stukey	Bill Stukey	Josh Vacation
5	Bill Stukey	Bill Stukey	Josh Vacation
6	Bill Stukey	Bill Stukey	Josh Vacation
7	Bill Stukey	Bill Stukey	Bill (Josh Vacation)
8	Bill Stukey	Bill Stukey	Bill (Josh Vacation)
9	Bill Stukey	Josh Dean	
10	Bill Stukey	Josh Dean	
11	Bill Stukey	Josh Dean	
12	Bill Stukey	Josh Dean	
13	Bill Stukey	Josh Dean	
14	Josh Dean	Josh Dean	Josh
15	Josh Dean	Josh Dean	Josh
16	Bill Stukey	Bill Stukey	
17	Bill Stukey	Bill Stukey	
18	Bill Stukey	Bill Stukey	
19	Bill Stukey	Bill Stukey	
20	Bill Stukey	Bill Stukey	
21	Bill Stukey	Bill Stukey	Bill
22	Bill Stukey	Bill Stukey	Bill
23	Bill Stukey	Lucas Burtlow	
24	Bill Stukey	Lucas Burtlow	
25	Bill Stukey	Lucas Burtlow	
26	Bill Stukey	Lucas Burtlow	
27	Bill Stukey	Lucas Burtlow	
28	Lucas Burtlow	Lucas Burtlow	Lucas
29	Lucas Burtlow	Lucas Burtlow	Lucas
30	Bill Stukey	Josh Dean	
31	Bill Stukey	Josh Dean	

Bill Stukey
Mobile: 319-800-3281
Office: 319-648-2531
Home: 319-530-3730

Josh Dean
Mobile: 319-591-0152
Office: 319-646-2574
Home: 319-750-5596

Lucas Burtlow
Mobile: 319-591-1258
Office: 319-646-2574
Home: 641-919-0005