



**NOTICE OF MEETING OF THE WOODBURY COUNTY BOARD OF SUPERVISORS
(SEPTEMBER 18, 2018) (WEEK 37 OF 2018)**

Live streaming at:
<https://www.youtube.com/user/woodburycountyiowa>

Agenda and Minutes available at:
www.woodburycountyiowa.gov

Rocky L. De Witt 253-0421 rdewitt@woodburycountyiowa.gov	Marty J. Pottebaum 251-1799 mpottebaum@woodburycountyiowa.gov	Keith W. Radig 560-6542 kradig@woodburycountyiowa.gov	Jeremy J. Taylor 259-7910 jtaylor@woodburycountyiowa.gov	Matthew A. Ung 490-7852 matthewung@woodburycountyiowa.gov
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You are hereby notified a meeting of the Woodbury County Board of Supervisors will be held September 18, 2018 at **4:30 p.m.** in the Basement of the Courthouse, 620 Douglas Street, Sioux City, Iowa for the purpose of taking official action on the agenda items shown hereinafter and for such other business that may properly come before the Board.

This is a formal meeting during which the Board may take official action on various items of business. If you wish to speak on an item, please follow the seven participation guidelines adopted by the Board.

1. Anyone may address the Board on any agenda item after initial discussion by the Board.
2. Speakers will approach the microphone one at a time and be recognized by the Chair.
3. Speakers will give their name, their address, and then their statement.
4. Everyone will have an opportunity to speak. Therefore, your remarks may be limited to three minutes on any one item.
5. At the beginning of the discussion on any item, the Chair may request statements in favor of an action be heard first followed by statements in opposition to the action.
6. Any concerns or questions you may have which do not relate directly to a scheduled item on the agenda will also be heard under the first or final agenda item "Citizen Concerns."
7. For the benefit of all in attendance, please silence cell phones and other devices while in the Board Chambers.

AGENDA

4:30 p.m. Call Meeting to Order – Pledge of Allegiance to the Flag – Moment of Silence

- | | |
|---------------------------|-------------|
| 1. Citizen Concerns | Information |
| 2. Approval of the agenda | Action |

Consent Agenda

Items 3 through 7 constitute a Consent Agenda of routine action items to be considered by one motion. Items pass unanimously unless a separate vote is requested by a Board Member.

3. Approval of the minutes of the September 11, 2018 meeting
4. Approval of claims
5. Board Administration – Karen James
 - a. Approval of resolution for tax suspension for D.P.
 - b. Approval of resolution thanking and commending Todd Trobaugh for his years of service to Woodbury County
6. Human Resources – Melissa Thomas
Approval of Memorandum of Personnel Transaction

7. Secondary Roads – Mark Nahra
Consideration of tile line permit and a permit for work in the county right of way

End Consent Agenda

- | | | |
|---------------------------------|--|-------------|
| 8. | Source Water Community Facilitator - Bridget Durst
Approval of Pierson Source Water Protection planning support and promotion | Action |
| 9. Secondary Roads – Mark Nahra | | |
| a. | Award quotes for trade in of used equipment trailer by the Secondary Road Department | Action |
| b. | Public input meeting for discussion of local Crossroad Bridge Incentive Program | Action |
| 4:40 p.m.
(Set time) | | |
| 10. | Election Department – Steve Hofmeyer
Canvass of the River Valley Special Election | Action |
| 11. | Building Services – Kenny Schmitz
Approval of LEC study – Future equipment repairs, replacements and upgrade Strategies | Action |
| 12. | County Auditor – Pat Gill
Select and accept a proposal to provide voting equipment to Woodbury County | Action |
| 13. | Reports on Committee Meetings | Information |
| 14. | Citizen Concerns | Information |
| 15. | Board Concerns | Information |

ADJOURNMENT

Subject to Additions/Deletions

CALENDAR OF EVENTS

- WED. SEPT. 19** **10:00 a.m.** Siouxland Center for Active Generations Board of Directors Meeting, 313 Cook St.
- 12:00 p.m.** Siouxland Economic Development Corporation Meeting, 617 Pierce St., Ste. 202
- THUR. SEPT. 20** **4:30 p.m.** Community Action Agency of Siouxland Board Meeting, 2700 Leech Avenue
- TUES., SEPT. 25** **1:00 p.m.** Sioux Rivers Regional Governance Board Meeting, Plymouth County Courthouse Annex Building, 215 4th Ave. S.E., Le Mars, Iowa
- 6:00 p.m.** Zoning Commission Meeting, First Floor Boardroom
- THUR., SEPT. 27** **11:00 a.m.** Siouxland Regional Transit Systems (SRTS) Board Meeting, SIMPCO Office, 1122 Pierce St.
- MONDAY, OCT. 1** **6:00 p.m.** Board of Adjustment meeting, First Floor Boardroom
- TUESDAY, OCT. 2** **4:45 p.m.** Veteran Affairs Meeting, Veteran Affairs Office, 1211 Tri-View Ave.
- WED., OCT. 3** **2:00 p.m.** Decat Board Meeting, Western Hills AEA, Room F
- WED., OCT. 10** **8:05 a.m.** Woodbury County Information Communication Commission, First Floor Boardroom
- 10:00 a.m.** StarComm Board Meeting, Security Institute
- 12:00 p.m.** District Board of Health Meeting, 1014 Nebraska St.
- 6:30 p.m.** 911 Service Board Meeting, Public Safety Center, Climbing Hill
- 8:00 p.m.** County's Mayor Association Meeting, Public Safety Center, Climbing Hill
- THUR., OCT. 11** **12:00 p.m.** SIMPCO Board of Directors, 1122 Pierce St.
- 4:30 p.m.** Conservation Board Meeting, Dorothy Pecaut Nature Center, Stone Park
- WED., OCT. 17** **12:00 p.m.** Siouxland Economic Development Corporation Meeting, 617 Pierce St., Ste. 202
- 10:00 a.m.** Siouxland Center for Active Generations Board of Directors Meeting, 313 Cook St.
- THUR., OCT. 18** **4:30 p.m.** Community Action Agency of Siouxland Board Meeting, 2700 Leech Avenue

The following Boards/Commission have vacancies: Commission to Assess Damages - Category A, Category B, Category C and Category D, Civil Service Commission; [Library Board of Trustees](#)

Woodbury County is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the County will consider reasonable accommodations for qualified individuals with disabilities and encourages prospective employees and incumbents to discuss potential accommodations with the Employer.

Federal and state laws prohibit employment and/or public accommodation discrimination on the basis of age, color, creed, disability, gender identity, national origin, pregnancy, race, religion, sex, sexual orientation or veteran's status. If you believe you have been discriminated against, please contact the Iowa Civil Rights Commission at 800-457-4416 or Iowa Department of Transportation's civil rights coordinator. If you need accommodations because of a disability to access the Iowa Department of Transportation's services, contact the agency's affirmative action officer at 800-262-0003.

SEPTEMBER 11, 2018, THIRTY-SIXTH MEETING OF THE WOODBURY COUNTY BOARD OF SUPERVISORS

The Board of Supervisors met on Tuesday, September 11, 2018 at 4:30 p.m. Board members present were Ung, De Witt, Pottebaum, Radig, and Taylor. Staff members present were Dennis Butler, Budget/Tax Analyst, Joshua Widman, Assistant County Attorney, Karen James, Board Administrative Assistant, Melissa Thomas, Human Resources Director, and Michelle Skaff, Deputy Auditor/Clerk to the Board.

The regular meeting was called to order with the Pledge of Allegiance to the Flag and a Moment of Silence.

1. There were no citizen concerns.
2. Motion by De Witt second by Taylor to approve the agenda for September 11, 2018. Carried 5-0. Copy filed.

Motion by De Witt second by Radig to approve the following items by consent:

3. To approve minutes of the September 4, 2018 meeting. Copy filed.
4. To approve the claims totaling \$1,028,193.49. Copy filed.
- 5a. To approve the separation of Larry Iddings, P/T Courthouse Safety & Security Officer, County Sheriff Dept., effective 09-06-18. Retirement.; and the reclassification of Anthony Velasquez, P/T Youth Worker, Juvenile Detention Dept., effective 09-28-18, \$23.75/hour, 17%=\$3.45/hr. Per AFSCME Juvenile Detention Contract agreement, from Grade 1/Step 3 to Grade 1/Step 4. Copy filed.
- 5b. To approve and authorize the Chairperson to sign the Authorization to initiate the hiring process for P/T Courthouse Safety & Security Officer, County Sheriff Dept. Wage Plan comparability with AFSME Courthouse: \$16.43-\$18.05/hour. Copy filed.
6. To approve the lifting tax suspension for petitioners who failed to re-certify their income or income does not qualify for continues ta suspension. Copy filed.
7. To approve a 12-month Cigarette/Tobacco Permit for Heritage Express, 1501 330th St., Sloan, effective 07/01/18 through 06/30/19. Copy filed.
8. To approve the permit to work in the right of way for MidAmerican Energy. Copy filed.

Carried 5-0.

- 9a. Motion by Radig second by Ung to approve the contract for crack routing and sealing with Sioux Commercial Sweeping, Sioux Center, for \$39,700. Carried 5-0. Copy filed.
- 9b. Motion by Taylor second by Ung to approve the contract and bond for project #L-B(J9)—73-97 with Dixon Construction for \$544,821.40. Carried 5-0. Copy filed.
- 9c. Discussion on gravel road improvements. Copy filed.
10. Information presented by Dennis Butler, Budget/Finance Director, on funding potentials and desire to quality of Secondary Roads by new revenue and alternative means. Copy filed.
11. Motion by Ung second by Radig to approve a letter from the Board of Supervisors to each crew member of the USS Sioux City. Carried 5-0. Copy filed.
12. The Board heard reports on committee meetings.
13. There were no citizen concerns.
14. There were no board concerns.

The Board adjourned the regular meeting until September 18, 2018.

Meeting sign in sheet. Copy filed.

**WOODBURY COUNTY, IOWA
BOARD ADMINISTRATION
MEMORANDUM**

TO: Board of Supervisors
FROM: Karen James, Board Administrative Assistant
RE: Consideration of a Petition for a Tax Suspension
DATE: September 13, 2018

Please consider this request for a tax suspension for D.P. If the Board approves this request, the suspension resolution requires the chairman's signature

Thank you.

kmj

WOODBURY COUNTY, IOWA

RESOLUTION NO. _____

A RESOLUTION THANKING AND COMMENDING

Todd Trobaugh

FOR HIS SERVICE TO WOODBURY COUNTY

WHEREAS, Todd Trobaugh has capably served Woodbury County as an employee of the Sheriff's Office for 18 years from August 21, 2000 to November 2, 2018; and

WHEREAS, the service given by Todd Trobaugh as a Woodbury County employee, has been characterized by his dedication to the best interests of the citizens of Woodbury County; and

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF WOODBURY COUNTY, IOWA that the undersigned members of this Board thanks and commends Todd Trobaugh for his years of service to Woodbury County; and

BE IT FURTHER RESOLVED that it is the wish of all those signing below that the future hold only the best for this very deserving person, Todd Trobaugh.

BE IT SO RESOLVED this 18th day of September, 2018.

WOODBURY COUNTY BOARD OF SUPERVISORS

Rocky L. De Witt, Chairman

Matthew A. Ung, Member

Marty Pottebaum, Member

Keith W. Radig, Member

Jeremy J. Taylor, Member

Attest:

Patrick F. Gill, Woodbury County Auditor

HUMAN RESOURCES DEPARTMENT

MEMORANDUM OF PERSONNEL TRANSACTIONS

DATE: September 18, 2018

* PERSONNEL ACTION CODE:

- A- Appointment
- T - Transfer
- P - Promotion
- D - Demotion
- R-Reclassification
- E- End of Probation
- S - Separation
- O - Other

TO: **WOODBURY COUNTY BOARD OF SUPERVISORS**

NAME	DEPARTMENT	EFFECTIVE DATE	JOB TITLE	SALARY REQUESTED	% INCREASE	*	REMARKS
Towne, Leroy	County Sheriff	8-31-18	Sheriff Reserve Officer			S	Resignation.
Hayes, Todd	Juvenile Detention	9-20-18	P/T Youth Worker	\$18.88/hour		A	Job Vacancy posted 7-25-18. Entry Level Salary: \$18.88/hour.
Kline, Nicole	County Treasurer	9-24-18	Clerk II	\$16.43/hour		A	Job Vacancy posted 8-15-18. Entry Level Salary: \$16.43/hour.
Raymond, Patricia	County Treasurer	10-03-18	Clerk II	\$17.19/hour	4.5%=\$.76/hr	R	Per AFSCME Courthouse Contract agreement, from Grade 3/Step 1 to Grade 3/Step 2.

APPROVED BY BOARD DATE: _____

MELISSA THOMAS, HR DIRECTOR: Melissa Thomas Hr. Director

WOODBURY COUNTY
HUMAN RESOURCES DEPARTMENT

TO: Board of Supervisors and the Taxpayers of Woodbury County
FROM: Melissa Thomas, Human Resources Director
SUBJECT: Memorandum of Personnel Transactions
DATE: September 18, 2018

For the September 18, 2018 meeting of the Board of Supervisors and the Taxpayers of Woodbury County the Memorandum of Personnel Transactions will include:

1. County Sheriff Reserve Officer, Resignation.
2. Juvenile Detention P/T Youth Worker, Appointment.
3. County Treasurer Clerk II, Appointment.
4. County Treasurer Clerk II, from Grade 3/Step 1 to Grade 3/Step 2.

Thank you

WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

#7

Date: 9/13/2018 Weekly Agenda Date: 9/18/2018

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Mark J. Nahra, County Engineer

WORDING FOR AGENDA ITEM:

Consideration of tile line permit and a permit for work in the county right of way

ACTION REQUIRED:

Approve Ordinance

Approve Resolution

Approve Motion

Public Hearing

Other: Informational

Attachments

EXECUTIVE SUMMARY:

Lewis Byers has requested a permit to work in the right of way to install two new tile lines outlet in the county ditch.

BACKGROUND:

Work in county ROW requires permit by Board of Supervisors per section 318.8 of the Code of Iowa.

FINANCIAL IMPACT:

No impact.

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

Recommend approval of the permits for Lewis Byers.

ACTION REQUIRED / PROPOSED MOTION:

Motion to approve the tile line permit and a permit to work in the right of way for Lewis Byers and to direct the chair to sign the permits.

WOODBURY COUNTY IOWA

Application for use of Highway Right-of-Way for Underground Tile Line Facility

Permit No. _____

Woodbury County Board of Supervisors
Court House
Sioux City, Iowa

Re: Permit request for use of County Highway right-of-way for underground tile line facility

Applicant: Lewis Byers
(Name of Individual or Company)

Address: 3823 110th St. Pierson, IA 51048

Applicant hereby requests use of county highway right-of-way to install, operate, and maintain a buried tile line facility. The facility consists of 2-5" tile outlets east of residence.
Outlets to be steel corrugated pipe with a rat rodent guard.

The above named applicant is hereby granted permission and authority to lay, construct, operate, and maintain the above described facility in County road right-of-way at said location and as set forth in Exhibit "A" attached hereto and made a part of this permit as fully as if set out in length herein.

AGREEMENT: The applicant agrees that the following stipulations shall govern under this permit.

1. The applicant will at any time subsequent to placing said facility agree to relay, replace, reconstruct, or relocate said facility and appurtenances thereto as may become necessary to conform to new grades, alignment or widening of right-of-way resulting from maintenance or construction operations by the Board of Supervisors irrespective of whether or not additional right-of-way is acquired in connection with such highway improvement. The applicant agrees to do this promptly on order by the Board of Supervisors. If the applicant is unable to comply promptly, the Board of Supervisors may cause the work to be done.
2. The Board of Supervisors will endeavor to give the applicant sufficient notice of any proposed construction or maintenance work on either existing or newly acquired right-of-way that is likely to expose, cover-up, or disturb any part of the facility belonging to the applicant in order that the applicant may arrange to protect the facility. The Board of Supervisors will inform contractors and others working on the right-of-way of the location of the facility so that reasonable care may be taken to avoid damaging the facility. The County and the Board of Supervisors assume no responsibility, however, for failure to give such notice.
3. The County and the Board of Supervisors assume no responsibility for damages to the applicant's property occasioned by any construction or maintenance operations on said highways, including new or additional right-of-way acquired in connection therewith, subsequent to the building of the applicant's facility.
4. The applicant shall take all reasonable precaution during the construction of said facility to protect and safeguard the lives and property of the traveling public and adjacent property owners and shall indemnify and hold the County and the Board of Supervisors harmless of any damage or losses that may be sustained by the traveling public or adjacent property owners on account of such construction operations.

Application for use of highway right-of-way for underground tile line facility continued

5. Operations in the construction and maintenance of said facility shall be carried on in such a way as not to interfere with, or interrupt traffic on said highway.

6. The applicant shall hold the County and the Board of Supervisors harmless from any damage that may result to said highway because of the construction, maintenance, or operation of said facility and shall reimburse the County of the Board of Supervisors for any expenditures that the County or the Board of Supervisors may have to make on said highway on account of the applicant's facility having been constructed thereon, including bridge and culvert repairs.

7. If approved by the County Engineer, an open trench may be dug and the facility placed therein, and the trench backfilled over the facility. All backfill of tunnels and trenches shall be thoroughly compacted in layers of 6" or less in depth. Backfilling of trenches within the right-of-way but not under the traveled roadway shall be tamped sufficiently to avoid settlement. The Applicant agrees to give the County forty-eight hours notice of its intention to start work on the highway right-of-way. Said notice shall be made in writing to the County Engineer.

All work shall be done in a workmanlike manner; the surrounding ground, slopes, and ditch bottoms shall be reshaped to conform to the area and left in a neat condition satisfactory to the County Engineer and all areas where sod has been destroyed or damaged shall be reseeded.

Applicant agrees to assume responsibility for all damages that may arise, and to this end, indemnify and hold the County and all authorized representatives thereof harmless from any and all claims, damages, loss and expense including judgments, costs and including attorneys' fees for personal injuries (including death) or property damages arising or resulting from the activities of the Applicant in connection herewith, now and at all times in the future.

Engagement in the operations as herein applied for by the applicant shall be considered and constituted an acceptance of all the terms and conditions herein set forth.

APPROVAL OF
WOODBURY COUNTY BOARD OF SUPERVISORS

BY: _____
(Chairman)

DATE: _____

APPLICANT

Lewis Byers
(Name of Individual or Company)

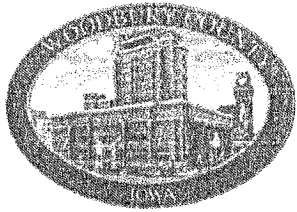
BY: Rubin Byers
(Signature) (Title)

3823 110th St. Arson, IA 51048
(Address)

DATE: 9/10/2018

Note: Applicant is to complete the original and two copies and mail to the County Engineer for his distribution as follows:

- 1 - Applicant
- 1 - County Engineer
- 1 - County Auditor



Woodbury County Secondary Roads Department

759 E. Frontage Road • Merville, Iowa 51039
Telephone (712) 279-6484 • (712) 873-3215 • Fax (712) 873-3235

COUNTY ENGINEER
Mark J. Nahra, P.E.
mnahra@woodburycountyia.gov

ASSISTANT TO THE COUNTY ENGINEER
Benjamin T. Kusler, E.I.T.
bkusler@woodburycountyia.gov

SECRETARY
Tish Brice
tbrice@woodburycountyia.gov

WOODBURY COUNTY SECONDARY ROAD DEPARTMENT PERMIT & AGREEMENT TO PERFORM WORK WITHIN WOODBURY COUNTY RIGHT OF WAY

Name of Permittee: Lewis Byers Phone No.: 712-870-1690

Mailing Address: 3823 110th St. Pierson, IA 51048

Township: Union Section: 6

Woodbury County, State of Iowa, and Lewis Byers (hereinafter referred to as property owner, organization or authorized representative) do hereby enter into the following permit and agreement:

1. Woodbury County hereby consents to and grants permission to the property owner, organization or authorized representative, to conduct the following described construction or activities within the right-of-way:

Tile outlets to be placed in north ditch of road. There will be 2-5" outlets dropping water into county ditch. Both are east of house.

2. In consideration of Woodbury County granting said permission and consent, the property owner, organization or authorized representative hereby promises and agrees to the following:

A. The applicant shall carry on the construction, repair and maintenance with serious regard to the safety of the traveling public and adjacent property owners.

B. The property owner, organization or authorized representative, at his/her own expense, shall provide all safety measures and warning devices necessary to protect the traveling public such as but not limited to, signs, lights, and barricades during the day and at night if the roadway will be obstructed. Traffic protection shall be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The Department will loan the required signs to the applicant who shall be responsible for placing the signs and covering or removing when not in use, removal after the work has been completed, and return of the Department owned signs to the Department maintenance facility from which obtained. The applicant shall be responsible for correctly using signs as needed while work is in progress. Flagging operations are the responsibility of the applicant.

C. In placing any drainage structure, no natural drainage course will be altered or blocked.

D. The finished project shall be left in a satisfactory condition subject to the approval of the County Engineer. The traveled portion of the roadway shall not be damaged or disturbed. The property owner, organization or authorized representative assumes all liability and agrees to reimburse Woodbury County for any damage to the roadway or ditch caused by placement of this structure. Permittee is to call County Engineer for upon completion for final inspection.

E. The property owner, organization or authorized representative shall notify all appropriate telephone and utility companies in advance of any excavation and shall check for underground electric or telephone lines.

F. Woodbury County will not assume any of the cost of the construction of the said improvement or structure nor will Woodbury County assume any future costs for maintenance or replacement of said improvement or structure. If in the best interest of Woodbury County, the said improvement or structure may be removed by the County, or may be caused to be removed, without any obligation by Woodbury County to pay damages or cost of replacement.

G. Property owner, organization or authorized representative will reseed and mulch the disturbed areas. Property owner, organization or authorized representative will be responsible for seed, mulch, and labor unless otherwise provided in section L.

H. The property owner, organization, or authorized representative hereby agrees to hold Woodbury County and the Woodbury County Secondary Road Department, its employees and agents harmless against any and all claims for damages and personal injury arising out of work performed or actions taken by the applicant related to the construction or maintenance of the facility. The applicant further agrees to reimburse the County or the Department for any expenditures that the County or Department may have to make on said highway rights of way on account of said applicant's construction or maintenance activity or other activities or lack thereof. The applicant shall also save Woodbury County and the Woodbury County Secondary Road Department harmless of any damage or losses that may be sustained by the traveling public on account of such construction, repair or maintenance operations, or other activities.

I. **FAILURE TO CONFORM TO OR TO ACQUIRE A PERMIT IS A VIOLATION OF SECTION 318.8, 2009 CODE OF IOWA.** This permit is subject to any laws now in effect or any laws that may be hereafter enacted and all applicable rules and regulations of local, state and federal agencies. This permit is subject to all the rules and regulations of Woodbury County and the Woodbury County Secondary Road Department.

J. This permit is subject to revocation by the Department at any time and at no cost to the Department, when in the judgment of the Department it is necessary in the improvement or maintenance of the highway or for other reasonable cause.

K. All proposed work covered by this permit shall be at the applicant's expense. The applicant shall reimburse the Woodbury County Secondary Road Department for any materials removed from the highway right of way described as follows:

L. Woodbury County agrees to provide the following contribution toward completion of this project:

_____ *none* _____

M. All work done by property owner, organization or authorized representative pursuant to this agreement shall be completed prior to the 10 day of December, 2018.

Entered into this 10th day of September, 2018.

Kevin Payer
Signature of Property Owner or Authorized Representative

Mark J. Mohr
Woodbury County Engineer

Chair, Woodbury County Board of Supervisors

UNION

T-89N-R-42W

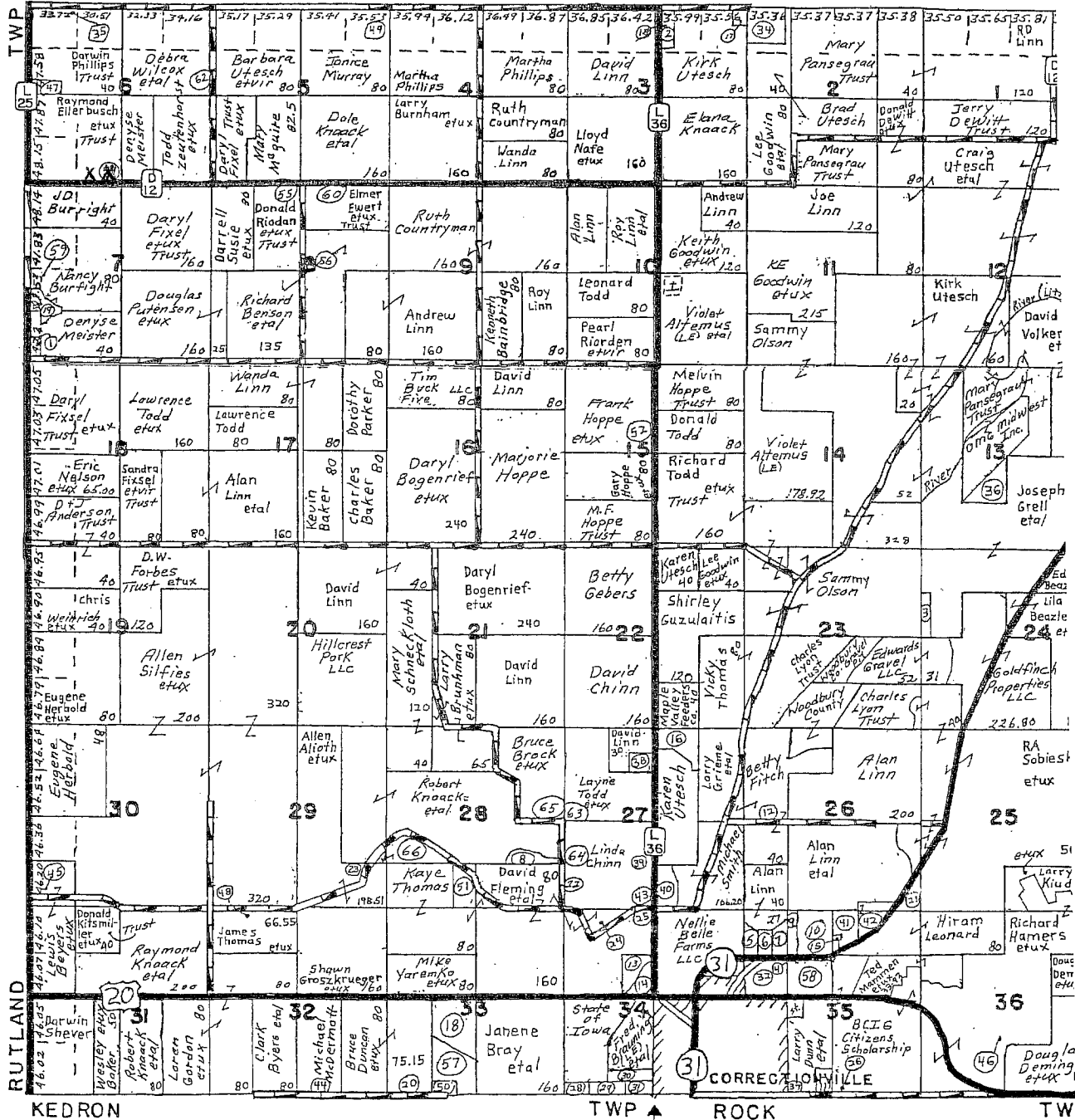
1. Sec. 7 Nancy Burright-3
2. Sec. 3 Larry Brosamle
3. Sec. 24 Joseph Grell-10
4. Sec. 35 Pamela Palmer-2
5. Sec. 35 John Jacobs -6.12
6. Sec. 35 Robert Dixon, etal-8
7. Sec. 35 Martin James, etux-8
8. Sec. 28 Paul Flemming, etux-18.5
9. Sec. 35 Monty Clark, etux-5
10. Sec. 35 Stoney Cobb, etux-35
11. Sec. 35 Beverly Thomas, etal
12. Sec. 26 Michael Schaefer, etux
13. Sec. 34 Fred Brauning-17.98
14. Sec. 34 State of Iowa-6.5
15. Sec. 35 Town of Correctionville-5.187
16. Sec. 27 P. E. Zahnley, etux

17. Sec. 3 Craig Utesch, etux-2.23
18. Sec. 33 Iowa's Rooster Ridge LLC
19. Sec. 7 Town of Pierson-10.91
20. Sec. 33 Lloyd Byers -4.85
21. Sec. 26 Phillip Sevinig, etux-13
22. Sec. 27 Sylvester Gagnon, etux-4
23. Sec. 29 Roger Heath, etux (LE)-2
24. Sec. 34 Kathleen Hoffman, etal-2
25. Sec. 34 Lucille McCormick
26. Sec. 35 Douglas Thomas, etux-4.46
27. Sec. 36 Gene Wortman-9.97
28. Sec. 34 Fred Brierse, etux-14.25
29. Sec. 34 Correctionville City Park
30. Sec. 34 Daniel Brauning
31. Sec. 34 Robert Brauning
32. Sec. 35 Correctionville Golf Club Inc.-40
33. Sec. 1 Harold Crocker, etux-36.96
34. Sec. 2 Triple "U" Ranch Inc.-24.8
35. Sec. 6 Forest, LLC-5.12
36. Sec. 13 Mary Pansegrau Trust
37. Sec. 35 Larry Meyer, etux
38. Sec. 27 Gary Westover, etux-10

39. Sec. 27 Gaylen Knaack, etux-5.99
40. Sec. 27 Michael Smith, etux-13
41. Sec. 35 Woodbury County
42. Sec. 35 Patrick Langschwager, etux
43. Sec. 27 Mark DeMaest, etux-3.47
44. Sec. 32 Cory Edwards, etux
45. Sec. 30 James Reis-11.08
46. Sec. 36 Cole Cobb, etux-10.5
47. Sec. 6 Marilyn Hanson, etux-10.00
48. Sec. 32 Robert Knaack-13.45
49. Sec. 5 Robert Ludwig, etux-6.65
50. Sec. 33 Keith Pry-5.02
51. Sec. 28 Kim Wortman -19.28
52. Sec. 15 Frank Hoppe, etux/G. Hoppe, etux®
53. Sec. 6 Terry Knaack, etux-3.87
54. Sec. 6 Lewis Byers, etux-5.09
55. Sec. 8 David Riordan, etux
56. Sec. 8 William Anderson-4.64
57. Sec. 33 Phirman Zahnlly, etux
58. Sec. 35 Larry Kielhorn, etux
59. Sec. 7 Taymond Knaack-4.59

60. Sec. 8 Patricia Flann
61. Sec. 10 Jeffrey Alit
62. Sec. 6 Joshua Gray,
63. Sec. 27 William Holt
64. Sec. 27 Todd Brinke
65. Sec. 28 Layne Todd, 1
66. Sec. 28 Tandy Halbu

CHEROKEE



WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

Date: 08/28/2018

Weekly Agenda Date: 09/18/2018

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Bridget Durst

WORDING FOR AGENDA ITEM:

Pierson Source Water Protection planning support and promotion.

ACTION REQUIRED:

Approve Ordinance

Approve Resolution

Approve Motion

Public Hearing

Other: Informational

Attachments

EXECUTIVE SUMMARY:

The City of Pierson will be creating a Source Water Protection plan in cooperation with Bridget Durst, Source Water Community Facilitator for Conservation Districts of Iowa and the Iowa DNR. The City of Pierson has been presented with the information regarding the Iowa DNR's Source Water Protection program and the city has signed a letter of commitment outlining the expectations related to creating their Source Water Protection plan.

BACKGROUND:

Source Water Protection is the act of preventing contaminants from entering public drinking water sources. The quality of the source water can be influenced by both natural and human activities. The concept of Source Water Protection is to manage the areas through which water travels and the activities that occur on the land surface, in order to protect the quality of that resource. These protection efforts save the community money through improved water quality requiring less treatment, longer life cycle for a well, and less likelihood of having to seek an alternative source or replace the well due to contamination.

In the last year, Bridget Durst has helped create 6 Source Water Protection Plans that have been approved by the Iowa DNR. These plans include steps prepared by local, community led Source Water teams consisting of city officials, city residents, and agricultural landowners and operators. These teams collectively determined the ideal solutions for the focus area. They continue to utilize resources offered by many partners to help implement the steps within the plans. These partners range from local community groups to federal organizations like the NRCS (Natural Resource Conservation Service).

The role of partnerships is key in developing a system for outreach, education, and support. They also open up opportunities to develop non-traditional funding and technical assistance resources.

FINANCIAL IMPACT:

There is no financial impact for the county at this time. As Pierson's plan is developed and implementation begins, technical assistance and funding MAY be requested. This depends on the projects and action items created by the community and how those components relate to the capacity of the Board of Supervisors.

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

In the past, the Board of Supervisors have signed a letter of commitment complementary to the letter of commitment signed by the city council or board of directors (if a rural water system). The following recommendations relate to this:

1. Review letter of commitment.
2. Make appropriate suggestions/ revisions.
3. Sign and submit letter of commitment to Bridget Durst.

Many times opportunities go overlooked without proper information sharing. The following recommendations relate to this:

1. Designate a representative, or representatives, to attend Source Water Protection meetings in Pierson.
2. Develop communication strategy between Pierson's Source Water team and the board.

ACTION REQUIRED / PROPOSED MOTION:

1. Woodbury Board of Supervisors consider signing a similar letter that demonstrates their willingness to promote and support the City of Pierson's Source Water Protection planning as well as efforts resulting from the establishment of such a plan.
2. Woodbury Board of Supervisors will designate a representative, from the board to be present during, at least, 2 Source Water Protection meetings throughout the planning process and serve as contact person between the Board and the City of Pierson.

Source Water Protection Overview

My name is Bridget Durst and I work for Conservation Districts of Iowa as a Source Water Community Facilitator in Northwest Iowa. My office is located in the DNR Field office in Spencer.



My mission is to help water supply systems, communities, and residents in the surrounding area develop awareness of Source Water and what influences its quality, organize community members to fill the roles in a Source Water Team, and provide connections to resources that provide funding and technical support to the Source Water Team and the communities they live in to carry out a Source Water Protection Plan (SWPP).

Conservation Districts of Iowa (CDI), a non-profit organization dedicated to informing, educating and leading Iowans through our local soil and water conservation districts to conserve our natural resources, has partnered with the DNR to offer communities access to my resources as a Source Water Community Facilitator.

The purpose of a SWPP is to unite a community in the common goal of protecting their Source Water. In crafting a SWPP, we are working to ensure clean drinking water by addressing and preventing contamination, and cut down on costs of treatment or drilling new wells. It will outline practices and objectives that will promote the preservation of the communities Source Water. It will give everyone a chance to contribute to the protection our shared resources. Through collaboration on this project community members will leave a positive legacy to the future generations.

A Source Water Protection Plan begins with establishing a Source Water Team. This is a group of enthusiastic, community-minded individuals committed to exploring water quality in their area. The Team is encouraged to understand how their Public Water System works, what a capture zone is, and what challenges it faces. The Team will meet to discuss opportunities for protecting the Public Water System and create goals and a timeline for the SWPP. After the SWPP is designed it is brought before the City Council for approval. The City Council will also be responsible to have an Emergency Drinking Water Contingency Plan in place to add to the SWPP. Once approved and finalized, it is submitted to the DNR.

Each public water supply in Iowa has what is called a Phase 1 Assessment available from the DNR database. This document contains basic information of geology, well locations, well depth, capture zones, and potential contaminant sources. (The public can access this information on the DNR website's Source Water Tracker iowadnr.gov)

This information is the foundation for a Phase 2 Assessment. This is essentially a Source Water Protection Plan (SWPP) that is written and implemented by citizens, city officials, business partners, landowners, and other stakeholders in the community and surrounding area.

Using the information in the Phase 1 Assessment and their own knowledge the Team members can decide the best management practices to utilize in specific areas. The practices can include anything from signs designating protected areas to implementing conservation practices in urban areas and private agricultural land. The SWPP is designed with the integrity of the community in mind. It is also intended to be revisited annually to consider its progress or if it needs to be updated and revised. Each SWPP is as unique as the community it belongs to.

As a Source Water Team Member your role in Source Water Protection is vital. Your voluntary participation will result in unique opportunities to have a direct impact on the quality of water in your area.

The role of a Source Water Community Facilitator is to support and guide the Source Water Team. I am equipped with knowledge and resources to lay the groundwork for the SWPP. I also have access through partnerships to provide education, scientific tools, and funding to help communities carry out their SWPP. Conservation Districts of Iowa and the DNR are part of the Source Water Ag Collaborative, a diverse partnership of agribusiness, commodity and community groups that are dedicated to protecting drinking water in Iowa.

If there are any questions, concerns, volunteers, or if you know someone interested in being involved please contact me.

Thank you for your support,

Bridget Durst

Source Water Community Facilitator
Conservation Districts of Iowa
(office) 712-262-4177
(cell) 712-344-0779
bridget.durst@dnr.iowa.gov



All citizens, city officials, business partners, landowners, and other stakeholders in the area are welcome and encouraged to participate in creating and implementing a SWPP for their community.

Source Water Protection

General Description

The term "**Source Water**" is used to define drinking water in its original environment, either as surface water (rivers, streams, reservoirs, and lakes) or as groundwater (aquifers), before being withdrawn, treated, and distributed by a water system. **Source Water Protection (SWP)** is the act of preventing contaminants from entering public drinking water sources.

The quality of the source water can be influenced by both natural and human activities. The concept of Source Water Protection (SWP) is to manage the areas through which water travels and the activities that occur on the land, in order to protect the quality of the resource. These protection efforts save the community money through improved water quality requiring less treatment, longer life cycle for a well, and less likelihood of having to seek an alternate source or replace the well due to contamination.

Surface water is more susceptible to contamination incidents from natural or man-made causes, such as a flood or a chemical spill, but it also recovers much more quickly than does groundwater. **Groundwater is much less susceptible to contamination, but when that happens, natural recovery is very slow to occur.** Source Water Protection includes both groundwater (wellhead) protection and surface water protection.

The Iowa DNR's SWP Program is a voluntary program, although there are numerous benefits for a water system to protect its water supply. **There are three components to Source Water Protection:** the phase 1 assessment, Source Water Protection plan, and implementation.

The development of a good SWP Plan doesn't require any assistance or involvement of an engineer or consultant. A system may wish to contact an outside entity for assistance. The Conservation Districts of Iowa and the Iowa Rural Water Association provide experienced source water consultation and assistance for developing the SWP Plan, at no charge to the public water supply.

Bridget Durst, Source Water Community Facilitator

Conservation Districts of Iowa, Iowa DNR

1900 Grand Ave, Suite E 17

Spencer, Iowa 51301

Office: 712-262-4177

Cell: 712-344-0779

E-mail: bridget.durst@dnr.iowa.gov



[Protecting Our Drinking Water at the Source](#)

Goals and Objectives

- Safeguard the health of water users being served by city wells.
- Prevent financial burdens caused by contaminated drinking water.
- Educate and provide awareness of the effects of drinking water contamination.
- Educate landowners in the capture zones of their potential impacts on the community's drinking water supply.
- Encourage the use of conservation practices that address nitrogen losses from agricultural production and urban runoff.
- Find non-traditional partners and funding resources to help implement projects related to source water protection.
- Address and mitigate rising nitrate levels in the public water supply through public education, outreach, and land use changes.
- Create opportunities to install urban conservation practices within city limits.

Seven Steps to Source Water Protection: Guidebook and Workbook

- Organize a Source Water Team.
- Identify Source Water Capture zones.- SITE INVESTIGATIONS, GROUND TRUTHING
- Inventory potential contaminant sources.- FIELD SURVEYS
- Assess and prioritize potential contaminant sources.- DEVELOP SCALE
- Develop an action plan.
- Construct or update Emergency Response plan.
- Submit and implement action plan.
* Source Water Protection plans are considered “living documents” and within the plan there should be a schedule for continuing to revisit, revise, and implement steps

Community selection

- Selected by the DNR according to criteria
- Community public water supply
- Majority of drinking water comes from groundwater
- Total population served is over 100
- Geologically susceptible **OR** average finished nitrate level is 2.5 mg/L over the last 10 years
- Over 50 acres of the capture zone is in conventional row crop system
- No Phase 2 (source water protection plan) or outdated as of 2010

3 Components

- Phase 1 assessment
- Source Water Protection – Phase 2
- Implementation

Go to <http://www.iowadnr.gov/>

- Type in "Source Water Protection" in the search bar on the upper right of the page
- Click on the first link of the search results- this will take you to the Source Water Protection Program page
- In the upper right of the page, there will be "Source Water Tracker" under the applications
- Click on the Source Water Tracker button
- At the Source Water Tracker page, you can type in the name of the community or system you are looking for (NOTE: this is where it gets harder if the community is supplied with rural water)
- Once you have found the community click on the name -this will bring you to the page where you can access the data pages (well info, sanitary surveys, and Phase 1 Assessments)
- Click on the Phase 1 Assessment link- this will open a PDF with all of the data about the system.
- Scroll down to the chart and that gives you historic nitrate results

Source Water Assessment for Pierson (PWS# 9766041) Alluvial & Buried Sand and Gravel Aquifer



Source Water Protection

The purpose of this Source Water Protection (SWP) “Phase I” assessment is to:

- Define your source water area and susceptibility;
- locate, inventory, and rank potential contaminant sources within your source water area;
- provide the results to the public for improved protection of your drinking water.

Introduction

This Source Water Protection (SWP) “Phase I” assessment is meant to provide information and be used as a tool to help protect the quality and quantity of your drinking water. Within it you will find an inventory of your wells, tables showing potential contamination sources within your source water area, and maps showing your system’s source water information.

The source water area defined in this report is the region directly linked to your water supply, and where land use changes have the greatest influence on your drinking water quality. Your source water area was defined based on scientific information available to the Iowa Department of Natural Resources (IDNR – Source Water Protection Program).

This “Phase 1” source water assessment by no means protects your drinking water. To protect your drinking water your system should develop and implement a Source Water Protection Plan. Protection measures are different for each system, but commonly include reserving areas for future wells, cleaning up contaminants, and converting portions of your source water area to native vegetation. Further information on how to protect your drinking water, including a [guidebook](#), [workbook](#) and [GIS resources](#), can be found at www.iowasourcewater.org.

This SWP assessment includes the following sections:

1. Defining Your Source Water Area
2. Susceptibility of Your Source Water Area
3. Contaminant Sources within Your Source Water Area
4. Ranking Contaminant Sources
5. How to Protect Your Drinking Water
6. Consumer Confidence Report

Section 1: Defining Your Source Water Area

Accurate well, aquifer, and pumping information is critical to providing the best estimate of your source water area. According to our records, Pierson has two active public wells open in the sand and gravel of the Unnamed Creek Alluvial aquifer and one active public well open in the buried sand and gravel of the Buried Sand and Gravel aquifer. The table below shows your well and aquifer information. If you believe the table is wrong, please contact the Iowa Source Water Protection Program at www.iowasourcewater.org or 515-725-8343.

W#	Local Name	Depth (ft.)	Const. date	Status	Aquifer	SWL (ft.)	PWL (ft.)	Aquifer thickness (ft.)	Rate (gpm)
41466	#1	26	1/1/1920	Active	Alluvial	0	0	0	0
41467	#2	34	1/1/1956	Active	Alluvial	0	0	0	0
65574	#3	233	11/1/1994	Active	Buried Sand and Gravel	142	156	29	38

Source Water Glossary

Aquifer: An underground water-bearing layer that provides a usable quantity of water.

Source Water Area: An estimation of the area contributing water to your public wells.

Capture zone: A computer modeled source water area, typically using 2-5-and 10 year time of travel periods.

Time of travel: A duration of time specified to determine the distance and area that water will travel.

Susceptibility: A measure of an aquifer's potential to become contaminated. Does not imply either good or poor water quality.

Confining layer: A layer of material which slows the movement of water.

Alluvial Aquifer

Your source water area is defined by hydrologic boundaries (i.e. an alluvial aquifer limited by landscape features). The source water protection area for your wells was modified based on the physical and hydrologic characteristics of the area. Features used to limit the extent of the hydrologic boundary typically include rivers, streams, and non-porous glacial till. Water within the boundary is projected to travel to your active wells in a short period of time.

In addition to the delineated groundwater area, surface runoff areas from streams that contribute to the groundwater capture zone were also delineated. Spills and other uncontrolled runoff have the potential to migrate through gullies, tributaries, or drainage tiles and infiltrate into the aquifer in the floodplain.

Buried Sand And Gravel Aquifer

Sufficient information was available concerning your wells, aquifer and pumping conditions to produce a computer modeled estimate of your source water area. For your water supply, the source area was divided and prioritized to show where we estimate groundwater to flow during "time of travel" periods; typically 2, 5, and 10-years. These source areas for your facility were estimated using an analytical element model for the purpose of delineating source water protection areas. The model requires certain input data for your aquifer, wells, and pumping rate, described below:

- Gradient: 0.001 ft./ft.
- Flow Direction: 0
- Porosity: 0.1
- Transmissivity: 733 ft.²/day
- Aquifer Thickness: 29 ft.
- Average Gallons per Day: 16,240.

Section 2: Susceptibility of Your Source Water Area

Research by the [Iowa Geological Survey](#) has determined that thickness of confining layers such as till, clay, and shale between the aquifer and the land surface is inversely related to aquifer susceptibility. Aquifers overlain by thicker confining beds are less susceptible to contamination than aquifers overlain by thin confining beds. The table below summarizes susceptibility by confining layer thickness.

Confining layer thickness	Susceptibility designation
<25 feet	Highly susceptible
25 to 50 feet	Susceptible
50 to 100 feet	Slightly susceptible
>100 feet	Low susceptibility

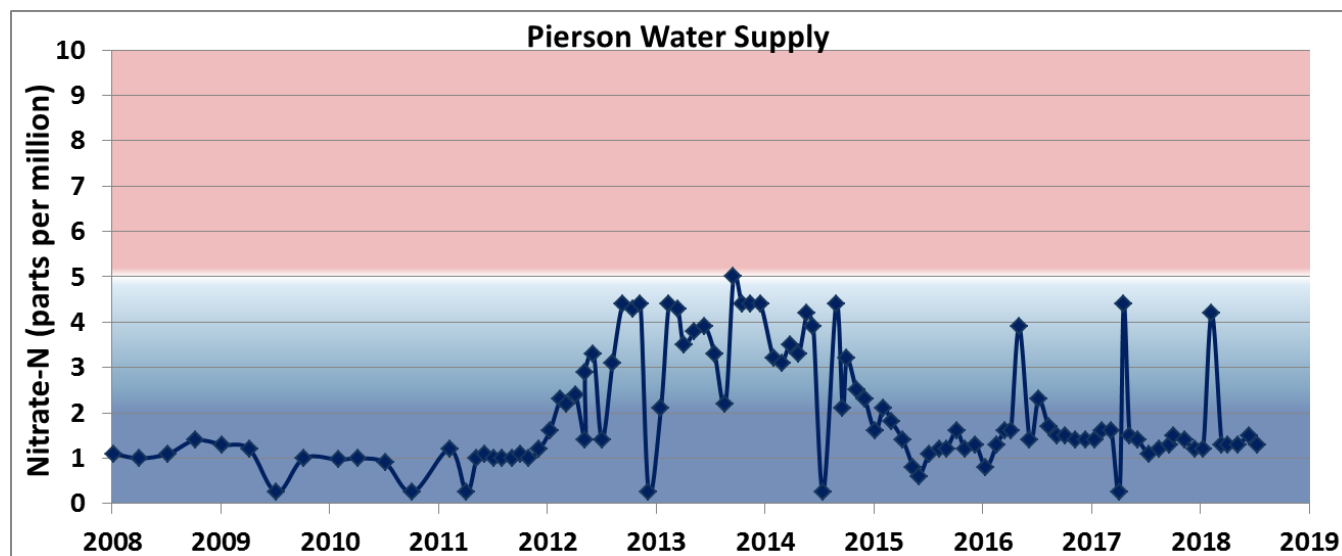
Based on our data, your wells in the Alluvial aquifer have a cumulative confining layer thickness of less than 25 feet. Your aquifer was therefore determined to be highly susceptible to contamination from the land surface.

Your wells in the Buried Sand and Gravel aquifer have a cumulative confining layer thickness of over 100 feet. This aquifer was therefore determined to have low susceptibility to surface contamination.

Another method for determining the susceptibility of your aquifer is by using nitrate concentrations in well water to evaluate the potential for contamination from the land surface. Wells that are less protected from contamination near the land surface typically have higher nitrate concentrations than wells that are more

protected from contamination near the land surface. Based on our records, finished water at Pierson has a ten-year average nitrate-N concentration of 2 parts per million (ppm), based on 103 total samples.

Nitrate concentrations in your public water supply are generally medium. Elevated nitrate concentrations can disrupt the electron transport system and cause methemoglobinemia, or blue baby syndrome, in infants.



Section 3: Contaminant Sources within Your Source Water Area

To identify potential contaminant sources we searched electronic databases for facilities and land uses that fell inside your source water area. The databases used for the inventory are described in step 3 of the Iowa Source Water Protection [Guidebook](#). The contaminant source inventory includes facilities and land uses that have been known to contaminate groundwater.

Table 1 lists the potential contaminant sources we found in your source water area. The map numbers correspond to the contaminant source list in Table 1. The potential contaminant sources are derived from databases that have varying degrees of locational accuracy, and therefore could be located in the wrong area or omitted from the map entirely. For this reason, locational accuracy is noted at the end of the table. You or other residents may be aware of additional contaminant sources that should be included, feel free to modify this report to reflect your knowledge.

For many aquifers, particularly those overlain by thick confining layers, the greatest threat of contamination to the aquifer is through existing wells that penetrate the confining layers. For this reason, Table 2 lists all known wells, owners, and locations identified in your source water area. A numbered symbol shown on the map at the end of this report identifies well locations. Well locations are derived from databases that have varying degrees of accuracy, and therefore could be mapped in the wrong area or omitted from the map entirely. For this reason, locational accuracy is noted at the end of Table 2.

In addition to the specific “point” sources listed in Table 1, nonpoint sources of contamination also exist in your source water area. In Iowa, a potentially significant nonpoint source of contamination is row crop agriculture. Land use percentages and acreages are presented in Table 3.

Section 4: Ranking Contaminant Sources

We have attempted to prioritize the relative risk to your source water based on a three component ranking system; 1) the location of the potential contaminant source in the source water area, 2) the susceptibility ranking of the aquifer to contamination, and 3) the type of contaminant source. Points are assigned for each category and a cumulative score calculated for each potential contaminant source using the scores for each of the three components. Higher numbers always correspond to higher risk in this report.

1) Location of potential contaminant sources

Your potential contaminant sources are ranked from 1-3 based on the capture zone they are located in, with greater weight given based on proximity to the well. Fixed radius capture zones also received greater risk as they represent unknown or poorly known hydrogeologic conditions. The table below shows the risk score assigned to each source water area.

Source Water Area	Risk score
2-year time of travel, hydrologic boundary, fixed radius, 1-mile, modified karst - high	3
5-year time of travel, modified karst – medium	2
10-year time of travel, aquifer retrieval area, surface runoff area	1

2) Aquifer susceptibility to contamination

Susceptibility rankings were given scores to give more priority to aquifers with less confining layer thickness. Aquifer susceptibilities were given ranks of 1-4, from low susceptibility to highly susceptible. If your well depth or confining layer thickness is unknown, the source water area was automatically designated as “highly susceptible” and ranked 4.

3) Land-use type

The land-use type combines the potential for different facility classes or land uses to release contaminants with an estimate of the toxicity of the contaminants that may be released. Land-use risks are assigned values from 1 to 5 (least to greatest risk).

The final “Risk Score” for the source water area is the result of summing the three components of relative risk. For a list of land-use types and additional information regarding the ranking classification, please refer to the Iowa Source Water Protection [Guidebook](#).

The goal for ranking potential contaminants is to provide your system with a list to help prioritize potential risks. These risks can only be addressed through local initiatives and strategies started by your community. To begin a SWP plan, it is up to your local community to decide which potential contaminant sources carry the most risk, and to proactively engage problems you find that may affect your drinking water. The risk rankings provided in this report are only a guide; the final decision on the priority of potential contaminant sources rests with your local source water protection team.

Section 5: How to Protect Your Drinking Water

This Source Water Phase I assessment only provides information on your source water area and contaminants. Your community is responsible for taking the necessary action to ensure you have clean drinking water for future generations. To do this the Iowa Source Water Program strongly encourages you to start a source water protection plan. A SWP plan is different for each community, but the steps needed to complete one are the same for every system. Most steps have already been outlined and partially completed in the SWP “Phase 1” assessment:

Steps for completing a Source Water Protection Plan

- Step 1:** Organize a source water team
- Step 2:** Identify your source water areas
- Step 3:** Inventory well and contaminant sources
- Step 4:** Assess and rank contaminant sources
- Step 5:** Develop an action plan
- Step 6:** Construct or update your emergency response plan
- Step 7:** Submit and Implement your SWP Plan

If your community is interested in protecting your drinking water, there are plenty of free resources available to help guide you through this process. www.iowasourcewater.org has many online resources available, including a detailed [guidebook](#) and [workbook](#) created for Iowa community water supplies. Please contact Jessica Montana (712-243-1934) of the Iowa Source Water Program for further information.

Section 6: Consumer Confidence Report

As the agency responsible for conducting drinking water programs in the state of Iowa, IDNR must provide each public water supply with language to be included in their Consumer Confidence Report regarding source water protection. The following language, at a minimum, must be included in each Consumer Confidence Report you produce from now on:

“The Pierson water supply obtains a portion of its water from the sand and gravel of the Unnamed Creek Alluvial aquifer and a portion of its water from the buried sand and gravel of the Buried Sand and Gravel aquifer. The Alluvial aquifer was determined to be highly susceptible to contamination because the characteristics of the aquifer and overlying materials provide little protection from contamination at the land surface. The Buried Sand and Gravel aquifer was determined to have low susceptibility to contamination because the characteristics of the aquifer and overlying materials provide natural protection from contaminants at the land surface. Pierson’s Alluvial wells will be highly susceptible to contaminants near the land surface such as leaking underground storage tanks, contaminant spills, and excess fertilizer application. The Buried Sand and Gravel well will have low susceptibility to surface contaminants such as leaking underground storage tanks, contaminant spills, and excess fertilizer application. A detailed evaluation of your source water was completed by the Iowa Department of Natural Resources, and is available from the Water Operator at 712-375-5015.”

You may modify this language or include additional information if you so desire, but you must identify the source of your system’s drinking water and identify known sources of potential contamination.

Table 1a. Inventory and ranking of potential contaminant sources in the Alluvial aquifer.

Pierson Public Water Supply (9766041)
Phase I - Contaminant Source Inventory and Assessment

Aquifer: Alluvial Highly Susceptible (risk factor = 4)

Map No.	Site Name	Site Type	Site Link ¹	Program ID	Site Address	Loc'n Acc ²	Land Use Risk ³	Risk Score ⁴
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Capture zone: hydrologic boundary (risk factor = 3)

6	New Cooperative Pierson	Underground storage tank	310614905	199417726	520 Front St, Pierson, IA 51048	poor	5	12
7	New Cooperative Pierson	Tier II Chemical Storage	310614905	FAIDSIT2A000001	520 Front St, Pierson, IA 51048	poor	3	10
8	Transformer Spill	Hazardous Materials Spill	311642032	061501-CWO-1018	210 Maple St, Pierson, IA 51048	fair	1	8
9	Murray Oil Co	Leaking USTs	310539934	8LTR86	420 1/2 Front Street, Pierson, IA 51048	good	5	12
10	Murray Oil Co	Underground storage tank	310539934	199017138	420 1/2 Front Street, Pierson, IA 51048	good	5	12
11	Pierson Country Store	Underground storage tank	310628238	198811124	420 Front St, Pierson, IA 51048	good	5	12
12	Pierson Country Store	Leaking USTs	310628238	7LTG41	420 Front St, Pierson, IA 51048	good	5	12
13	Grand Meadow Pork	Hazardous Materials Spill	311690885	012009-NGY-1006	6195 Ave, Pierson, IA 51048	poor	1	8
14	Farmers Co-op Elev Co	Underground storage tank	310538282	198603324	203 Front Street, Pierson, IA 51048	poor	5	12
15	Handling And Storage Spill	Hazardous Materials Spill	311580922	021902-BLW-1355	Haines & South St, Pierson, IA 51048	fair	1	8

Capture zone: surface runoff area (risk factor = 1)

1	Joel Seglem	Underground storage tank	310539165	198915968	C 66, Kingsley, IA 51028	good	5	10
2	Transportation Spill	Hazardous Materials Spill	311675102	111404-BCN-1200	T89n, R43w, Sec. 2, Ne, Nw, Sw, Pierson, I	poor	1	6
3	Claude Phillips	Underground storage tank	310479228	198916189	203 Front Street, Pierson, IA 51048	good	5	10
4	Mervin Anfinson	Underground storage tank	310511087	198914007	1143 Lee Avenue, Pierson, IA 51048	poor	5	10
5	Koch Bill	Confined animal feeding operation	310695373	59932	3689 110th St, Pierson, IA 51048	good	5	10

¹ID's are hyperlinked to detailed contaminant source information where available. Click once to open the spreadsheet, then click again to follow the link.

²Estimated horizontal accuracy: < 25m. = good; 25m. to 50m. = fair; >50m. = poor

³Score range: 1 to 5, see Table 3 of the Iowa Source Water Protection and Assessment plan

⁴Sum of land use, capture zone, and aquifer susceptibility risk factors

Table 1b. Inventory and ranking of potential contaminant sources in the Buried Sand and Gravel aquifer.

Pierson Public Water Supply (9766041)
Phase I - Contaminant Source Inventory and Assessment

Aquifer: Buried Sand and Gravel Low Susceptibility (risk factor = 1)

Map No.	Site Name	Site Type	Site Link ¹	Program ID	Site Address	Loc'n Acc ²	Land Use Risk ³	Risk Score ⁴
Capture zone: 2-year time of travel (risk factor = 3)								
1	New Cooperative Pierson	Underground storage tank	310614905	199417726	520 Front St, Pierson, IA 51048	poor	5	9
2	New Cooperative Pierson	Tier II Chemical Storage	310614905	FAIDSIT2A000001	520 Front St, Pierson, IA 51048	poor	3	7
3	Transformer Spill	Hazardous Materials Spill	311642032	061501-CWO-1018	210 Maple St, Pierson, IA 51048	fair	1	5
Capture zone: 5-year time of travel (risk factor = 2)								
4	Murray Oil Co	Underground storage tank	310539934	199017138	420 1/2 Front Street, Pierson, IA 51048	good	5	8
5	Murray Oil Co	Leaking USTs	310539934	8LTR86	420 1/2 Front Street, Pierson, IA 51048	good	5	8
6	Pierson Country Store	Underground storage tank	310628238	198811124	420 Front St, Pierson, IA 51048	good	5	8
7	Pierson Country Store	Leaking USTs	310628238	7LTG41	420 Front St, Pierson, IA 51048	good	5	8
Capture zone: 10-year time of travel (risk factor = 1)								
8	Denlinger & Michaelsen	Underground storage tank	310625802	198606645	210 Summit, Pierson, IA 51048	poor	5	7
9	Grand Meadow Pork	Hazardous Materials Spill	311690885	012009-NGY-1006	6195 Ave, Pierson, IA 51048	poor	1	3

¹ID's are hyperlinked to detailed contaminant source information where available. Click once to open the spreadsheet, then click again to follow the link.

²Estimated horizontal accuracy: < 25m. = good; 25m. to 50m. = fair; >50m. = poor

³Score range: 1 to 5, see Table 3 of the Iowa Source Water Protection and Assessment plan

⁴Sum of land use, capture zone, and aquifer susceptibility risk factors

Table 2a. Inventory of water wells not used in the Alluvial source water area.

Pierson Public Water Supply (9766041)

Phase I - Inventory of Wells

Aquifer: Alluvial Highly Susceptible (risk factor = 4)

Map No.	Well ID ¹	Well Owner	Well ID Source	Depth (ft.)	Date Drilled/ permitted	Well Location	Locational Accuracy ²
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Capture zone: hydrologic boundary (risk factor = 3)

17	2093517	Spaulding, Laura	Private well tracking system	35	1/1/1950	T89N, R43W, S11	good
18	68116	Petersen, Gladys	Wells registered for testing	25	1960	T89N, R43W, Sec. 11, NE, NE, NW	poor
19	15337	Spaulding, Roy	Wells registered for testing	30	unkn	T89N, R43W, Sec. 11, NE, NE, NE	poor
20	10646	Petersen, Gladys, C/O Spaulding, Roy	Wells registered for testing	28	unkn	T89N, R43W, Sec. 11, NE, NE, SW	poor
21	2186744	Cameron, Jeff	Private well tracking system	18	1/1/1920	T89N, R43W, S11	good
24	2178806	United Bank Of Iowa	Private well tracking system	205	11/2/2014	T89N, R43W, S12	good
26	65574	Pierson, City Of	IGS well database	233	11/1/1994	T89N, R43W, 12, NW NE SE	good
27	2409665	Pierson Water Supply	Public Water Supply well	233	11/1/1994	T89N, R43W, Sec. 12, NW, NE	poor
28	41466	Pierson, City Of	IGS well database	26	1/1/1920	T89N, R43W, 12, NW NE SE	good
29	2974	City Of Pierson ()	Water Use Permit Wells	34	unkn	T89N, R43, S12, NW, NE	good
30	2408025	Pierson Water Supply	Public Water Supply well	26	1/1/1920	T89N, R43W, Sec. 12, NW, NE	poor
32	2975	City Of Pierson ()	Water Use Permit Wells	34	unkn	T89N, R43, S12, NW, SE	good
33	2409190	Pierson Water Supply	Public Water Supply well	34	1/1/1956	T89N, R43W, Sec. 12, NW, SE	good
34	41467	Pierson, City Of	IGS well database	34	1/1/1956	T89N, R43W, 12, NW SE NE	good
36	13858	Liouxland Environmental S, Siouxland Environ	Registered abandoned wells	15	n.a.	T89N, R43W, Sec. 12, NW, SE, SE	poor
37	13856	Siouxland Environmental S, Siouxland Environ	Registered abandoned wells	15	n.a.	T89N, R43W, Sec. 12, NW, SE, SE	poor
38	13857	Siouxland Environmental S, Siouxland Environ	Registered abandoned wells	15	n.a.	T89N, R43W, Sec. 12, NW, SE, SE	poor
39	13855	Siouxland Environmental S, Siouxland Environ	Registered abandoned wells	15	n.a.	T89N, R43W, Sec. 12, NW, SE, SE	poor
40	13859	Siouxland Environmental S, Siouxland Environ	Registered abandoned wells	15	n.a.	T89N, R43W, Sec. 12, NW, SE, SE	poor

Capture zone: surface runoff area (risk factor = 1)

1	52579	Hogeland, Vicki	Wells registered for testing	26	1970	T90N, R43W, Sec. 23, SW, SW, SE	poor
2	29250	Hardie, Bill	IGS well database	416	10/26/1981	T90N, R43W, 24, SW SW	poor
3	34115	Bryce, Bill	Wells registered for testing	80	unkn	T89N, R43W, Sec. 3, NE, NW, NW	poor
4	2107027	Rath, Kelly	Private well tracking system	unkn	4/9/1980	T89N, R43W, S3	good
5	68121	Schoep, Cary V.	Wells registered for testing	54	1991	T89N, R43W, Sec. 3, NE, NE, SW	poor
6	26859	Kamm, Alvern	Wells registered for testing	25	unkn	T90N, R43W, Sec. 35, SE, NE, SW	poor
7	82230	Leekley, Joseph	IGS well database	440	6/23/2003	T89N, R43W, 4, SE SE SE	poor
8	2081597	Leekley, Joseph	Private well tracking system	440	6/23/2003	T89N, R43W, S4	good
9	2135280	Flathers, Ben	Private well tracking system	41	7/3/2008	T89N, R43W, S2	good
10	2159587	Anfinson, Dennis	Private well tracking system	unkn	unkn	T89N, R43W, S10	good

11	27070	Forke, Walden	Permitted private wells	300	5/23/2000	T89N, R43W, Sec. 2, NE, SE, NE	poor
12	12569	Henrich, Todd J.	Wells registered for testing	108	1995	T89N, R43W, Sec. 10, NE, NE, SW	poor
13	18419	Unknown	Permitted private wells	unkn	1/3/1995	T89N, R43W, Sec. 10, NE, NE, SE	poor
14	82366	Wilson, Jeff	IGS well database	41	5/19/2009	T89N, R43W, 9, SE SE SE	poor
15	52034	Spaulding, Roy	Wells registered for testing	unkn	unkn	T89N, R43W, Sec. 11, NE, NW, NE	poor
16	2144318	Wilson, Jeff	Private well tracking system	41	5/19/2009	T89N, R43W, S9	good
22	2131489	Krier, Rick	Private well tracking system	unkn	unkn	T89N, R43W, S1	good
23	39	Hardie, Tom	Wells registered for testing	30	unkn	T89N, R43W, Sec. 11, SW, NW, SE	poor
25	2196810	Barth, Bill	Private well tracking system	unkn	unkn	T89N, R43W, S10	good
31	82341	Nelsen, Justin	IGS well database	357	9/21/2006	T89N, R43W, 11, SW SW SW	poor
35	2121952	Nelsen, Justin	Private well tracking system	350	9/21/2006	T89N, R43W, S11	good

¹Well id's are hyperlinked to detailed well information where available.

Click once to open the spreadsheet, then click again to follow the link.

²Estimated horizontal accuracy: < 25m. = good; 25m. to 50m. = fair; >50m. = poor

Table 2b. Inventory of water wells not used in the Buried Sand and Gravel source water area.

Pierson Public Water Supply (9766041)

Phase I - Inventory of Wells

Aquifer: Buried Sand and Gravel Low Susceptibility (*risk factor = 1*)

Map No.	Well ID ¹	Well Owner	Well ID Source	Depth (ft.)	Date Drilled/ permitted	Well Location	Locational Accuracy ²
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Capture zone: 2-year time of travel (*risk factor = 3*)

2	2178806	United Bank Of Iowa	Private well tracking system	205	11/2/2014	T89N, R43W, S12	good
3	65574	Pierson, City Of	IGS well database	233	11/1/1994	T89N, R43W, 12, NW NE SE	good
4	2409665	Pierson Water Supply	Public Water Supply well	233	11/1/1994	T89N, R43W, Sec. 12, NW, NE	poor
5	41466	Pierson, City Of	IGS well database	26	1/1/1920	T89N, R43W, 12, NW NE SE	good
6	2408025	Pierson Water Supply	Public Water Supply well	26	1/1/1920	T89N, R43W, Sec. 12, NW, NE	poor
7	2974	City Of Pierson ()	Water Use Permit Wells	34	unkn	T89N, R43, S12, NW, NE	good

Capture zone: 5-year time of travel (*risk factor = 2*)

8	2975	City Of Pierson ()	Water Use Permit Wells	34	unkn	T89N, R43, S12, NW, SE	good
9	2409190	Pierson Water Supply	Public Water Supply well	34	1/1/1956	T89N, R43W, Sec. 12, NW, SE	good
10	41467	Pierson, City Of	IGS well database	34	1/1/1956	T89N, R43W, 12, NW SE NE	good

Capture zone: 10-year time of travel (*risk factor = 1*)

1	2131489	Krier, Rick	Private well tracking system	unkn	unkn	T89N, R43W, S1	good
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¹Well id's are hyperlinked to detailed well information where available.

Click once to open the spreadsheet, then click again to follow the link.

²Estimated horizontal accuracy: < 25m. = good; 25m. to 50m. = fair; >50m. = poor

Table 3a. Land cover within your Alluvial source water area.

Pierson - Alluvial aquifer Highly Susceptible
Summary of land cover types (2017) by percentage of total

Capture zone	Row Crop	Alfalfa	Grassland	Wetlands	Water	Developed Areas	Forested Areas	Total Acres
hydrologic boundary	29.4	0.0	19.9	0.2	0.4	49.8	0.3	230
surface runoff area	90.6	0.0	2.8	0.1	0.0	6.3	0.2	4,722

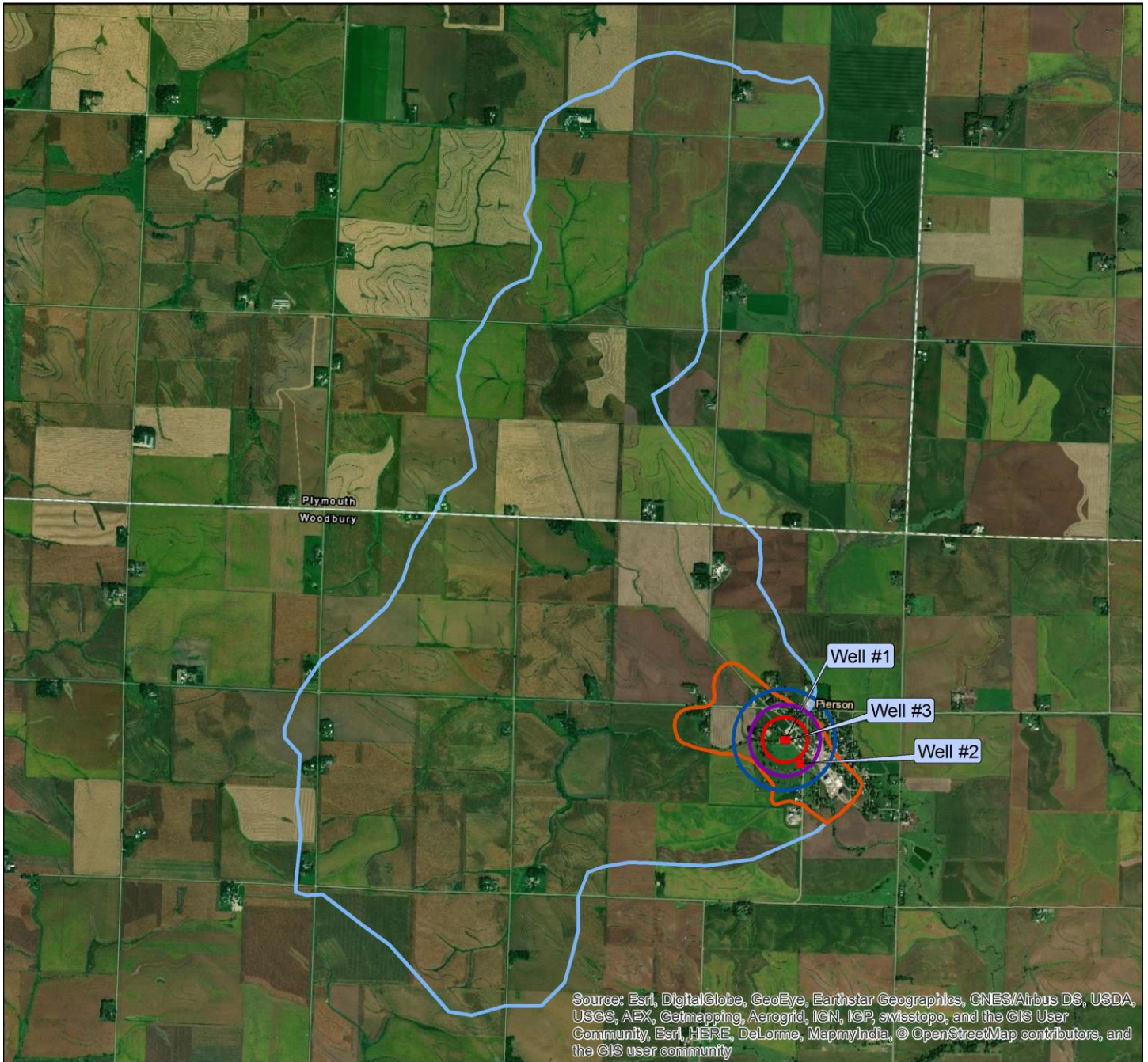
Table 3b. Land cover within the Buried Sand and Gravel source water area.

Pierson - Buried Sand and Gravel aquifer Low Susceptibility
Summary of land cover types (2017) by percentage of total

Capture zone	Row Crop	Grassland	Wetlands	Water	Developed Areas	Total Acres
2-year	0.0	27.3	0.0	0.0	72.7	27
5-year	10.4	32.4	0.5	0.5	56.0	40
10-year	23.3	17.3	0.0	0.0	59.4	70

Pierson 9766041

Alluvial and Buried Sand & Gravel - Source Water Protection Areas



Public Wells

- Active

Groundwater Capture Zones

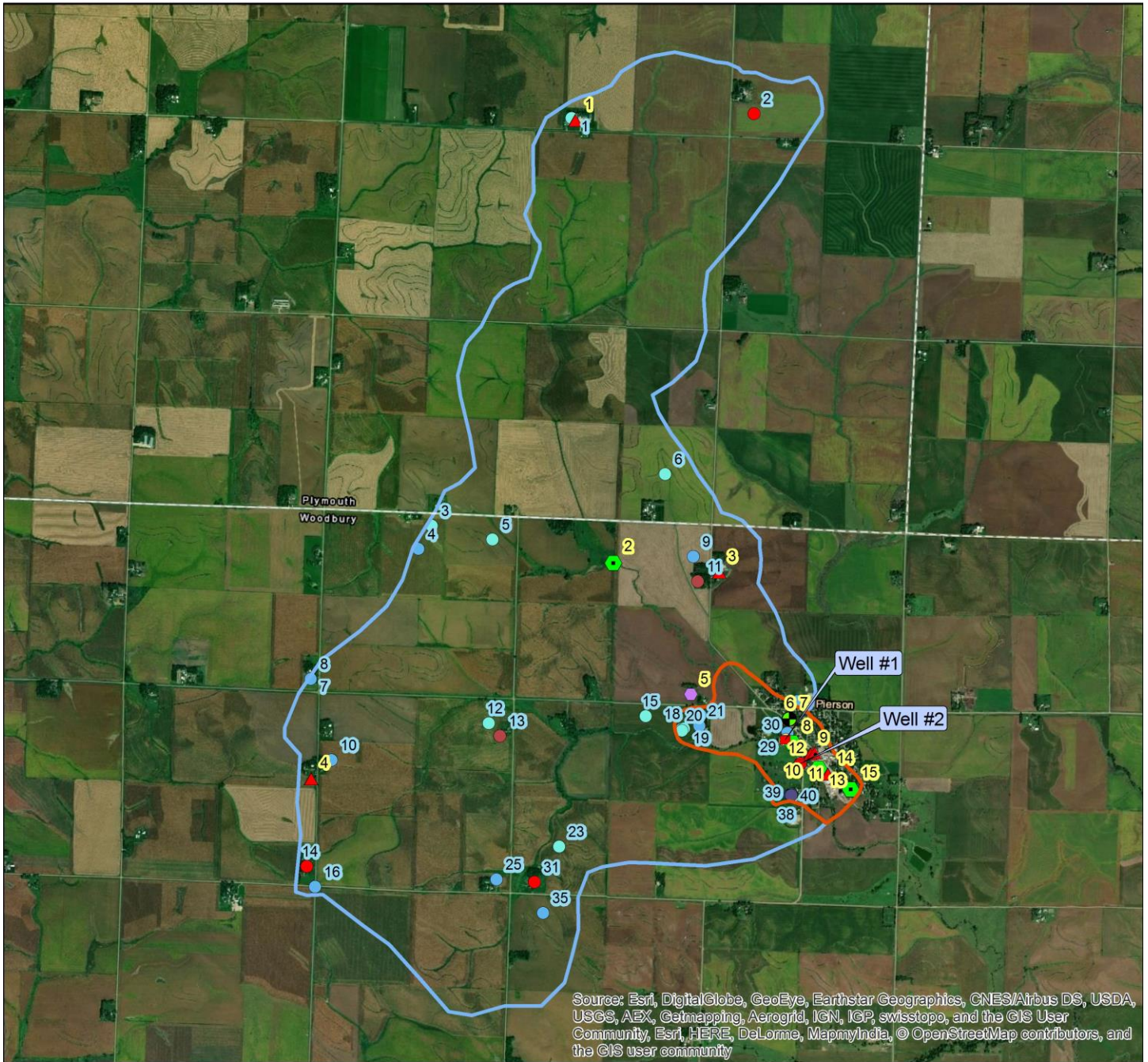
- 2-Year Capture Zone
- 5-Year Capture Zone
- 10-Year Capture Zone
- Hydrologic Boundary
- Surface Runoff Area

0 2 Miles



Pierson 9766041

Alluvial Aquifer - Source Water Protection Area



Public Wells

- Active

Groundwater Capture Zones

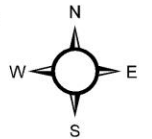
- Hydrologic Boundary
- Surface Runoff Area

Contaminant_Sources

- Confined animal feeding operation
- Tier II chemical storage
- Hazardous materials spill
- Underground storage tank
- Leaking USTs

Other Wells

- IGS well database
- Permitted private wells
- Private well tracking system
- Public water supply well
- Registered abandoned wells
- Water use permit wells
- Wells registered for testing



Pierson 9766041

Buried Sand and Gravel Aquifer - Source Water Protection Area



Public Wells

- Active

Groundwater Capture Zones

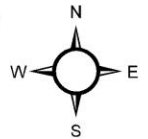
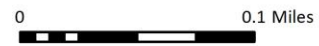
- 2-Year Capture Zone
- 5-Year Capture Zone
- 10-Year Capture Zone

Contaminant_Sources

- Tier II chemical storage
- Hazardous materials spill
- Underground storage tank
- Leaking USTs

Other Wells

- IGS well database
- Private well tracking system
- Public water supply well
- Water use permit wells





Iowa Source Water Agricultural Collaborative
945 SW Ankeny Rd., Suite A
Ankeny, Iowa 50023
515-289-8300
www.iasourcewater.org

Iowa Source Water Ag Collaborative supports voluntary and locally-led Source Water Protection

The Iowa Source Water Agricultural Collaborative was formalized in 2016 with the goal of providing Iowans information and resources to protect their drinking water sources. Approximately 2,790,000 Iowans, 91% of the population, source their water from community water supplies. Of the community water supplies that draw from ground water, 41% are considered susceptible or highly susceptible to contamination originating from the land surface.

The Source Water Agricultural Collaborative is committed to helping Iowans protect these vital community drinking water sources. The Collaborative is working toward this goal in many ways. Conservation Districts of Iowa, the current chair, has partnered with the Iowa Department of Natural Resources to hire two staff members based in Spencer and Atlantic to work on Source Water Protection. These Source Water Community Facilitators are dedicated to working with willing communities to create, implement and fund a-Plans to protect their drinking water.

By protecting their drinking water, communities can save significantly by avoiding the cost of drilling new well fields or building enhanced water treatment facilities. Source Water Protection can help communities rally around a project, partner with private and public organizations, and potentially secure new revenue streams.

Source Water Protection also presents a unique opportunity to encourage installation of conservation practices on Iowa's agricultural land. By putting in conservation practices like perennial vegetation, cover crops or extended rotations around community wells, farmers can improve their soil health and the ability of the land to act as a buffer for community water supplies.

The members of this collaborative are dedicated to the success of locally-led Source Water Protection in Iowa, and they are equally dedicated to aiding communities, farmers and landowners as they work to protect drinking water sources.

Members of the Iowa Source Water Agricultural Collaborative:



Conservation Districts of Iowa



**Natural Resources
Conservation Service**

Bridget Durst, Source Water Community Facilitator
Conservation Districts of Iowa
DNR Field Office 3
1900 Grand Ave Suite E17
Spencer, Iowa 51301

MM/DD/YYYY

Dear Bridget,

Please accept this letter of commitment from the city of {city/system name} to participate in Source Water Protection (SWP) Planning. We agree to working with you as our Source Water Community Facilitator throughout this process. We understand that this is a volunteer led project carried out by the city, our community members, and local agricultural producers. We recognize that in order to implement the Source Water Protection Plan (SWPP or Phase 2 Assessment) we must dedicate time and monetary funding when necessary.

We recognize that by investing in Source Water Protection we are working to decrease the need for substantial costs to our community in the future.

We are aware of the purpose of creating our SWPP is to address the rising nitrate levels in our public water system and that our plan will include steps to address the need for best management practices in areas that effect aquifers that supply drinking water to our community.

We have been given information regarding the 7 Steps for Source Water Protection:

1. Organize a Source Water Team
2. Identify Source Water Capture Zones
3. Inventory Well Contaminant Sources
4. Prioritize Contaminant Sources
5. Develop an Action Plan
6. Sign Affidavit for Emergency Response Plan
7. Submit and Implement Plan

We realize that by following the SWP Guidebook and SWP Workbook we are given the direction necessary to complete the SWPP to the standards created by the Iowa Department of Natural Resources in order to have the SWPP approved by the Iowa DNR. We also understand that we do not have to wait for approval to begin implementing the steps written in our SWPP.

We understand that the process is potentially lengthy but we are committed to completing and submitting our SWPP in a timely manner with an ideal deadline of June 30, 2019. In order to do this we intend to rely on your role as our Source Water Community Facilitator, involvement of members of the community, as well as other organizations who are committed to Source Water Protection and conservation of natural resources. We recognize the importance of maintaining clear and prompt communication with you while you work to investigate resources on our behalf, organize Source Water Team meetings, and assist in the development our SWPP as needed.

We understand the significance of viewing our Phase 2 Assessment (SWPP) as a living document and we acknowledge the importance of reviewing it on a regular basis to see if we are meeting the goals or to update it as needed. It is our pleasure to begin the work of creating our Source Water Protection Plan.

Sincerely,

Mayor/ City Clerk/ Administrator/Manager

WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

#9a

Date: 09/13/2018 Weekly Agenda Date: 09/18/2018

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Mark J. Nahra, County Engineer

WORDING FOR AGENDA ITEM:

Award quotes for trade in of used equipment trailer by the secondary road department

ACTION REQUIRED:

- | | | |
|--|---|--|
| Approve Ordinance <input type="checkbox"/> | Approve Resolution <input type="checkbox"/> | Approve Motion <input checked="" type="checkbox"/> |
| Public Hearing <input type="checkbox"/> | Other: Informational <input type="checkbox"/> | Attachments <input type="checkbox"/> |

EXECUTIVE SUMMARY:

The county awarded one, new triple axle equipment trailer for purchase from Murphy Tractor. Prior to award, Murphy offered a trade in for the county's current trailer for board consideration.

BACKGROUND:

The county is replacing one equipment trailer that is 21 years old that is used for equipment hauling. The truck operates out of the Correctionville district. Murphy Tractor offered a trade in value for the current trailer after the quotes were opened, but prior to award of the bid. The secondary road department has no use for a second equipment trailer and would like to trade in our trailer

FINANCIAL IMPACT:

The purchase is paid for with Woodbury County local secondary road funds. The trade in value offered by Murphy will lower the cost of the new trailer for the county.

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

Recommend that the board award the quote to Murphy Tractor for \$11,900.

ACTION REQUIRED / PROPOSED MOTION:

Motion that the board award the trade in quote to Murphy Tractor for \$11,900.

QUOTATION

Woodbury County Secondary Road Department
80,000 lb capacity Detachable Gooseneck Equipment Trailer

Purchase price: \$ 63,800
Less trade for current trailer: \$ 11,900
Purchase price less trade: \$ 51,900

*Approximate Delivery Date: November 1, 2018

Make and Model Quoted: Fage Reeve 506SL/3

Murray Tractor
Name of Distributor

[Signature]
Signature of Representative

WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

#9b

Date: 09/13/2018 Weekly Agenda Date: 09/18/2018

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Mark J. Nahra, County Engineer

WORDING FOR AGENDA ITEM:

SET TIME 4:40 PM - Public input meeting for discussion Local Crossroad Bridge Incentive Program

ACTION REQUIRED:

- | | | |
|--|--|--|
| Approve Ordinance <input type="checkbox"/> | Approve Resolution <input type="checkbox"/> | Approve Motion <input checked="" type="checkbox"/> |
| Public Hearing <input checked="" type="checkbox"/> | Other: Informational <input checked="" type="checkbox"/> | Attachments <input checked="" type="checkbox"/> |

EXECUTIVE SUMMARY:

Iowa DOT has programmed projects to raise two overpasses on I-29 at Carroll Avenue and 310th Street. Prior to preparing plans, DOT requested consideration of closure and removal of the structures.

BACKGROUND:

The overpass structures on Carroll Avenue and 310th Street do not meet minimum elevation requirements above I-29. They need to be raised to meet minimum height requirements or removed to eliminate vertical obstructions to traffic. DOT has a program that offers the county money to be used on bridge replacement equal to the cost of raising the overpasses if the structures can be closed.

FINANCIAL IMPACT:

The county could receive \$1,500,000 per overpass that the county could use to replace other secondary road bridges.

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

-We are scheduling a public input session to discuss the proposal to remove one or both overpass structures over I-29 between Salix and Sloan. This session will allow area residents and landowners to express their support for or opposition to removal of one or both overpass structures.
-I do not recommend that we remove either structure.

ACTION REQUIRED / PROPOSED MOTION:

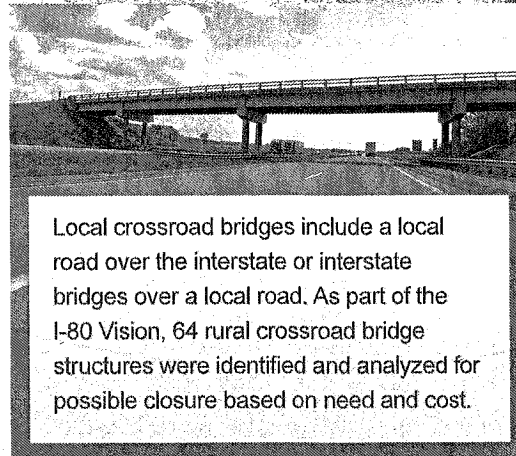
The Board may:

- 1) Move to ask Iowa DOT to raise both overpass structures as proposed.
- 2) Move to remove one of the two structures and raise the second structure to meet minimum height requirements.
- 3) Move to remove both structures.

The Board would also need to direct the chair to sign a letter notifying the Iowa DOT of their decision on the option to whether to participate in the DOT program.

RIGHTSIZING I-80: LOCAL CROSSROAD BRIDGE INCENTIVE PROGRAM

A lot has changed since I-80 was originally constructed in the 1960s across Iowa. Iowa's rural communities have grown and local travel patterns have become established. In many instances in rural Iowa, local I-80 bridge crossings are not functioning as originally conceived due to lower than expected traffic volumes. These crossings may not be serving their original need. As trusted stewards of Iowa's limited highway funding, the Iowa DOT is responsible for identifying the state's needs and spending its resources wisely. This means prioritizing funding and reshaping projects to bring the most overall value to Iowans. This process of rightsizing projects can result in changes to the traveling public. The new I-80 Vision provides the opportunity to right size the interstate, refine the improvements to save construction costs and deliver the best value to Iowans.



Local crossroad bridges include a local road over the interstate or interstate bridges over a local road. As part of the I-80 Vision, 64 rural crossroad bridge structures were identified and analyzed for possible closure based on need and cost.



Vision for Infrastructure Investment



Evaluation of Overhead Structures

Evaluation Methodology

Due to age and outdated standards, in general, the I-80 Vision requires the full reconstruction of the existing infrastructure. As much as possible, the existing roadway base and bridge structures will be reused. It is anticipated, however, that all crossroad bridges will necessitate full reconstruction with a new configuration, or for those rural low-volume crossings no longer needed, possible removal.

A total of 64 candidate low-volume I-80 crossroad bridge structures were identified across rural Iowa. Each of these crossing locations was analyzed based on its local traffic volume, out-of-direction travel if closed, and total replacement costs, including ongoing maintenance. Crossings with more than 1,000 vehicles per day were excluded. Each candidate crossing was scored and rated based on these evaluation criteria.

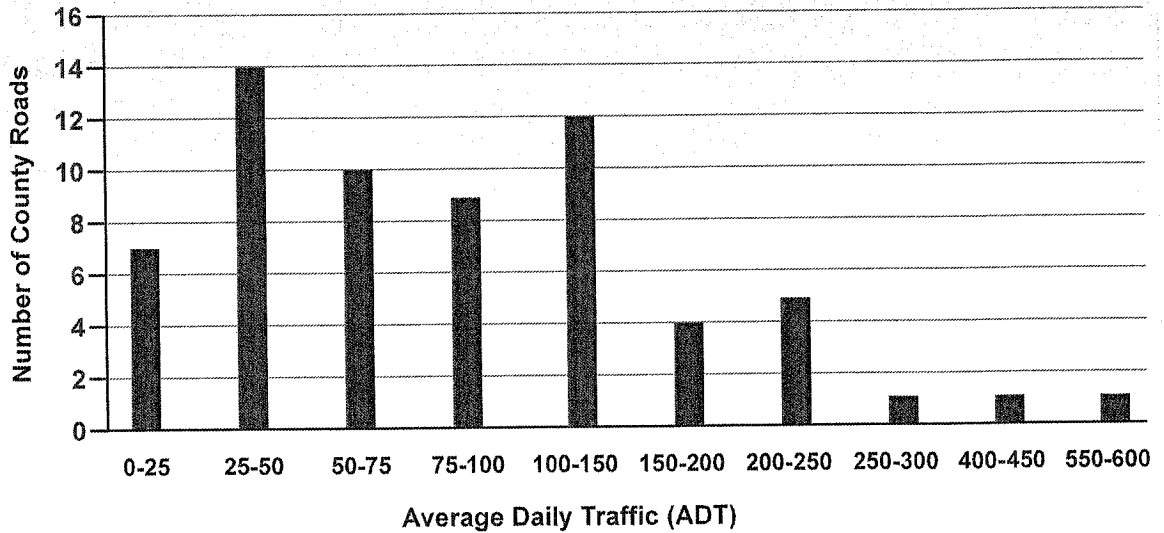
LOCAL CROSSROAD BRIDGE RATING CLASSIFICATIONS

Rating	Description	Recommendation
1	Highest Priority to Replace	The crossing is needed for regional access and connectivity and may cause hardship to the local travel if it is eliminated.
2	Moderate Priority to Replace	There is a moderate need for the crossing for regional access and connectivity and may cause moderate hardship to local travel if it is eliminated.
3	Average Priority to Replace	There is an average need for the crossing for regional access and connectivity and elimination may cause some hardship to local travel if it is eliminated.
4	Low Priority to Replace	The crossing will likely cause only minor hardship to access and connectivity if it is eliminated.
5	Lowest Priority to Replace	The crossing is only for localized traffic needs and hardship is limited.



Crossroad Bridge Evaluation Results

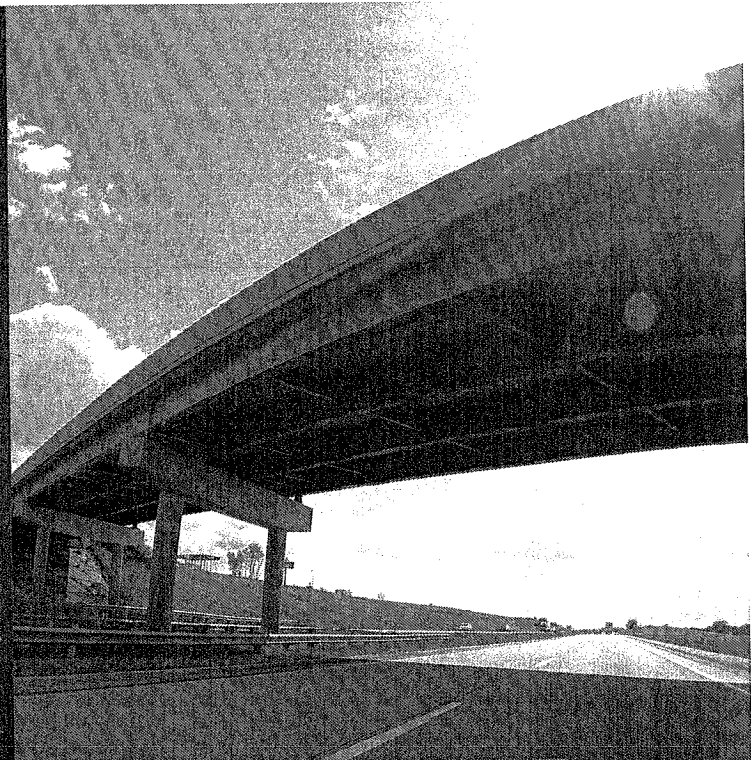
Rating	No. of Bridges
1	1
2	16
3	26
4	17
5	4
Total	64



The I-80 Vision: Local Crossroad Bridge Incentive Program

The I-80 Vision includes 47 existing bridges to be considered for closure – combined total of Rating 3, 4 and 5. These bridges, entailing 41 crossing locations, provide opportunities to right size the interstate improvements without unreasonable hardship to local travelers. In partnership with the respective county for each bridge crossing, we have developed an incentive program for the possible removal of these low-volume bridges as part of the Vision's implementation. For the eligible bridges, as listed in the Vision, and per agreement with the county, an incentive would be offered by means of credit to the county's balance of County Bridge Program funds for the construction, reconstruction or rehabilitation of other bridges on the county road system when these crossings are permanently removed. The amount of the incentive would be 100% of the cost of a typical replacement structure – \$1.5M per crossing location.

This incentive program, executed in coordination with the local agencies, provides an overall asset management approach to the Vision's implementation – bringing the highest value to Iowa. As the I-80 improvements are implemented, before or during the design process, each county will decide whether to participate in the program. If declined, the existing crossing will be maintained as part of the Vision. During the Vision's planning studies, each of the eligible crossing locations will be studied in more detail, considering each independently and collectively, to avoid unintended impacts if adjacent crossings were removed.



Benefits of Incentive Program:

- Asset management approach
- Benefits both the state and local agency
- Local agency decision

WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

Date: 9/13/2018 Weekly Agenda Date: 9/18/2018

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Kenny Schmitz

WORDING FOR AGENDA ITEM:

LEC Study- Future equipment repairs , replacements & upgrade strategies

ACTION REQUIRED:

- Approve Ordinance
- Approve Resolution
- Approve Motion
- Public Hearing
- Other: Informational
- Attachments

EXECUTIVE SUMMARY:

Resource Consulting Engineers has identified significant issues requiring architectural expertise with regard to repair or replacement of existing mechanical systems.

RCE has recommended that Goldberg Group Architects would be more suitable to ascertain the implications associated with extended interruptions of heating, cooling, and ventilation to areas served that will likely be weeks to months in duration while system repairs or replacements of air handling equipment are taking place. Areas would include inmate detention, courts, Judges chambers, Sheriff's Office, etc.

RCE further believes projects identified in the LEC Optimization Plan are likely to require mechanical systems modifications that will require relocating and transporting inmates, relocating court operations, and relocating kitchen operations while necessary work is taking place.

While Goldberg Group Architects did complete the LEC Optimization Plan their area of study was limited to certain areas of the facility and certainly did not include effected areas that RCE is concerned with such as Courtrooms, Judges Chambers, 1st Floor Sheriff's Office's, 2nd Floor Mechanical Room AHU's, the Emergency Generator, or inmate relocations due to these system repairs.

BACKGROUND:

On March 3rd, 2018 the Woodbury County Board of Supervisors approved Resource Consulting Engineers to complete a Mechanical and Engineering study of the LEC HVAC systems. This would provide an analysis of the existing heating, cooling, and ventilation loads with the end result of drafting a proposed schedule for systems replacement & upgrades with budget forecasts so that CIP expenditures could be planned which addressed aging systems and equipment needs.

April 18th, 2017 the Woodbury County Board of Supervisors approved a contract with CMBA Architects in conjunction with Goldberg Group Architects to complete design specifications for the LEC Project B "Intake".

February 28th, 2017 the Board of Supervisors approved project funding for the LEC Optimization Plan "B".

September 20th, 2016 the Woodbury County Board of Supervisors approved CMBA Architects in conjunction with Goldberg Group Architects to conduct a 2016 Optimization "Master" Plan of space use, operations, and compliances to forecast CIP expenditures. Items of interest would include inmate classification, medical examination, inmate personal effects, master control HVAC cooling, and detention officer break area. The plan results were provided to the Board on January 20th, 2017. Plan results outlined several projects enhancements. Projects included "B" Intake; "C.1" Booking, Interview, Assessment; "C.2" Medical & Staff Unit; "D.1" Minimum Security Housing Upgrade; "E" Alt. Minimum Security Housing Upgrade; "G" Dayroom Walls & Showers; "H" Revise Cell Doors; and "I" Secondary Renovation.

May 17th, 2016 the board instructs CMBA to redirect original focus from 3rd Floor open exercise area to other LEC expansion area opportunities.

March 9th, 2016 board approves agreement with CMBA Architects known as the LEC Jail Expansion

February, 2016- LEC Expansion Committee completes an RFQ vetting process for an Architect for County projects, committee selects CMBA

2015- Woodbury County forms the LEC Expansion Committee

FINANCIAL IMPACT:

CIP= 9102-17 Intake
Goldberg Group Architects \$24,850.00

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

Building Services requests approval of Goldberg Group Architects proposal to identify how LEC systems repairs will impact all areas of the facility identified by Resource Consulting Engineers. It is necessary to ascertain a path forward and define how equipment work which must be done will be completed with the least impact to operations and costs.

ACTION REQUIRED / PROPOSED MOTION:

Motion to approve Goldberg Group Architects proposal dated September 12, 2018 in the amount of \$24,850.00

805 N. 36th Street, Suite B
St. Joseph, Missouri 64506
p: 816.233.9300 f: 816.233.9399
e-mail: info@gga-pc.com
web: www.gga-pc.com



September 12, 2018

Woodbury County Courthouse
Board of Supervisors
620 Douglas St.
Sioux City, IA 51101

Re: Proposal for Updated Planning Services
Re: Adult Detention Center Master Plan

Attn: Kenny Schmitz, Owner's Representative

Dear Supervisors:

Goldberg Group Architects (GGA) is pleased to present this proposal to the Woodbury County Board of Supervisors for updated planning services on its Adult Detention Center in conjunction with and as assistance to the Building systems planning analysis currently undertaken by Resource Consulting Engineers, LLC (RCE). Our intent is to provide RCE with architectural and detention planning information in response to their letter dated August 20th, 2018, which is attached to this proposal for reference.

For purposes of this proposal, therefore, the Woodbury County Board of Supervisors is the "Owner", Kenny Schmitz, the County's Facilities Director, is "Owners' Representative," RCE is the "Consulting Engineer", GGA is "Consulting Architect" and the completion of an updated, combined/comprehensive Detention Facility Master Plan is the "Work;"

We therefore propose the following:

1. The Work

- 1.1. The Owner has recently been made aware of building deficiencies in its County Detention Center, including but not limited to, mechanical, electrical, plumbing, fire-protection and (low-voltage) electronic control systems, all of which exhibit signs of advanced aging and deficient performance, requiring upgrades, repair and/or replacement;

- 1.2. In order to determine how repairs and/or replacements of these Building Systems and equipment should be sequenced and budgeted properly, the Owner has retained a Consulting Engineer/RCE who is familiar with the Building and directed him to assemble an analysis of all applicable systems and equipment which require attention;
- 1.3. Furthermore, almost two years ago, GGA was authorized by the Owner to assemble a Master Plan for this facility, which incorporated architectural and security upgrades; improvements and renovations which would lengthen the facility's effective operating lifespan and promote a greater degree of safety and efficiency for the Owner, jail staff and prisoners;
- 1.4. Finally, the Owner now wishes for these two planning efforts to be combined into one comprehensive set of recommendations and updated for 2019-2020 and beyond, reflecting more current and anticipated cost estimates for the Owner's consideration;

2. Proposed Services

- 2.1. GGA therefore proposes to update and expand its Detention Facility Master Plan, to coordinate its previous conclusions and recommendations with those developed by RCE in its separate Engineering Systems analysis, as set forth below;
- 2.2. Such planning services are requested by RCE in its correspondence dated August 20th, 2018, which is attached hereto, including but not limited to,
 - 2.2.1.1. Coordinate Architectural upgrades and renovations into discreet projects, to correspond with applicable renovations and replacement(s) of Building systems identified by RCE;
 - 2.2.1.2. Upgrade proposed budget(s) for each portion of the Master Plan, including additional costs associated with (phased-) vacancies of each portion of Housing, i.e.: housing of prisoners in other jurisdictions, required for implementation of the Master Plan; indicate basis for cost inflation from start to eventual Plan completion;
 - 2.2.1.3. Develop a revised sequence and schedule for implementation of the Master Plan;
 - 2.2.1.4. **Public Presentation:** At such time as the Facilities Master Plan is sufficiently completed, the consulting Architect shall provide graphic and narrative materials to County officials such that they may distribute copies to the County Board of Supervisors, which can review the Plan with the Architect and adopt it for future reference.



3. Compensation:

- 3.1. **Fees:** The Architect hereby proposes a stipulated fee of **Twenty-four thousand, Eight-hundred Fifty dollars (\$24,850.00)** including all fees and customary expenses for the services covered under this Agreement;
- 3.2. **Invoices:** Invoices will be submitted on a monthly basis for services and expenses provided during the preceding month, payable on a (net-) Twenty (20) day basis.
- 3.3. **Additional Services:** In the event the Architect is requested by the Owner to provide additional services including but not limited to Phase 3, or modify portions of Phase 1 and Phase 2, which were previously completed, reviewed and approved by the Owner, the Architect shall be entitled to additional compensation at his customary Hourly Rates plus customary expenses.

Principal.....	\$135
Sr. Technical.....	\$95
Technical.....	\$75
Clerical.....	\$40

At no time, however, is the Architect entitled to additional compensation without prior approval of the Owner.

- 4. **Schedule of the Work:** Both parties agree that Time is of the essence in executing this Agreement, establishing a target deadline of Ninety (90) days from the execution of this agreement for completion of the services proposed herein;
- 5. **Termination:** Either Party may terminate this Agreement with ten (10) days written Notice to the other. At such time as notice is given, the Architect will furnish a Final Invoice in accordance with Paragraph 3.2, which is due and payable upon receipt for services and expenses provided prior to the date of Termination.



Woodbury County, IA
September 12, 2018

We appreciate this opportunity to serve Woodbury County once again and look forward to working with the Board, the Sheriff, County's Facility Director and your Consulting Engineer in this important planning effort.

Accepted and Agreed:

Goldberg Group – Architects, PC



Lawrence Goldberg, AIA, NCARB, ASSE



Date: 9-12, 2018

Cc: Sheriff Dave Drew
Kevin Rost / GGA
File



Exhibit No. 1

Larry Goldberg <larry.g@gga-pc.com>

Woodbury County Law Enforcement Center - Master Plan Information

Corey Metzger <corey.metzger@resourcece.com>

Mon, Aug 20, 2018 at 11:31 AM

To: Larry Goldberg <larry.g@gga-pc.com>

Cc: "KSCHMITZ@woodburycountyiowa.gov" <KSCHMITZ@woodburycountyiowa.gov>, Kevin Rost <kevin.r@gga-pc.com>, Shane Albrecht <albrechts@thebakergroup.com>

Larry,

I hope your week is off to a good start. As you probably know, Resource Consulting Engineers, LLC has been retained by Woodbury County to complete a study related to HVAC Systems at the Woodbury County Law Enforcement Center (LEC). This study includes documenting existing HVAC systems and equipment, identifying condition of these systems and equipment, comparing the age of components to their expected useful lives, developing prioritization for addressing issues, and developing proposed costs and schedules for implementing recommended work. This study is being conducted to provide the County's Director of Building Services and County Board of Supervisors with a plan to address current and future issues with building mechanical systems.

As our efforts progress, however, we have identified a few significant issues requiring expertise beyond that which we are able to provide. Specifically, replacement of most major components of the existing mechanical systems will require temporarily disabling heating, cooling, and ventilation to areas served by said components. These interruptions are likely to be weeks to months for each building space, which has implications related to housing of detainees, along with operations of the courts, Sheriff's office, etc. We believe your expertise related to the operation of correctional facilities is more suitable than ours to assess the impacts of implementing proposed equipment replacements or upgrades, such as temporarily relocating and transporting detainees, temporarily relocating court operations, temporarily disabling kitchen operations, etc. Additionally, the architectural modifications proposed in your LEC Master Plan are likely to impact some recommendations for mechanical system modifications.

We are therefore requesting that you provide us with (a.) updated Master Plan scope and cost information based on re-commencing in 2019 and (b.) expand your Study to include the following items, which we understand were kept outside the scope of your Master Plan:

- Courtroom and Court Support Facilities
- Emergency Generator
- Loading Dock and Delivery Area
- Second Floor Mechanical Rooms
- Roof and Penthouse
- Indoor/Outdoor Activities
- Temporary Prisoner Housing

Please let us know how Goldberg Group Architects, PC will proceed with assembling this additional information, and when we can expect to see updated Master Plan materials, so we can begin to incorporate them into our Study. As always, we look forward to continuing work with GGA to help Woodbury County develop a plan to move forward for this important facility. Thank you, and have a great Monday.

Corey B. Metzger, PE

Resource Consulting Engineers, LLC

3116 South Duff Avenue

Suite 201

Ames, IA 50010

515-509-8905

corey.metzger@resourcece.com

www.resourcece.com



Exhibit No. 2



August 16, 2016

Woodbury County Board of Supervisors
401 8th Street
Sioux City, IA 51101

RE: Agreement for Professional Services
RE: Woodbury County Law Enforcement Center Optimization Plan

AGREEMENT

THIS AGREEMENT is made this 16th day of August, 2016, by and between the **Woodbury County, Iowa** of 401 8th St., Sioux City, Iowa 51101 (hereinafter referred to as "County") and **CMBA Architects** of 302 Jones St, Suite 200, Sioux City, Iowa 51101 (hereinafter referred to as "Contractor"). CMBA Architects will also utilize **Goldberg Group Architects** of 805 North 36th Street, St. Joseph, Missouri 64506 as a sub-contractor.

WHEREAS, County requires Facility Analysis & Optimization Plan for its Law Enforcement Center, including the following specific areas for consideration: existing space usage, compliance with applicable jail standards, opportunities for functional improvements, increased storage, staff efficiency and adaptive re-use of available First- and Second –floor space, and

WHEREAS, Contractor is an architectural and planning firm with experience in conducting feasibility studies, Master Planning and architectural design for Detention Facilities.

In consideration of the mutual covenants and promises contained herein,

IT IS HEREBY AGREED AS FOLLOWS:

1. **Scope of Services:** Contractor shall provide to County planning services which identify and to the greatest reasonable extent, address functional and physical deficiencies present in the County's existing Law Enforcement Center; resulting in an Optimization Plan and Report covering the following topics:
 - a. Existing Facility Evaluation
 - i. *Addresses function (layout) deficiencies, compliance, with applicable Codes & Standards, Security & Operational conditions and available building spaces for adaptive re-use and/or improved utilizations;*
 - b. Conceptual Planning & Programming
 - i. *Contractor shall conduct interviews and planning sessions with Jail staff, to identify, prioritize and qualify/quantify potential solutions to Facility deficiencies identified in previous activities;*



c. Optimization Plan

- i. *Contractor shall provide a proposed Optimization Plan report consisting of narrative materials, charts, diagrams, proposed sequence & phasing and conceptual budgets, such that this document may serve as a planning resource for County officials seeking to anticipate future improvements to the County's Law Enforcement Center;*

2. **Compensation for Services:** County shall pay Contractor for those services in the stipulated amount of **Twenty-Four Thousand Six Hundred and 00/100 (\$24,600.00) Dollars**. Contractor shall bill the County monthly for the portion of work completed to date.
3. **Compliance with the Law:** Contractor shall provide all the services to be performed under this Agreement with reasonable compliance with all applicable federal, state and local laws, ordinance, rules and regulations.
4. **Equal Employment Opportunity:** Contractor, as required by law, shall not discriminate against a person to be served or an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, sexual preference, handicap, height, weight, marital status, political affiliation or beliefs.
5. **Independent Contractor:** It is expressly understood and agreed that Contractor is an independent contractor. The employees, servants and agents of Contractor shall in no way be deemed to be and shall not hold themselves out as the employees, servants or agents of County. Contractor's employees, servants and agents shall not be entitled to any fringe benefits of County such as, but not limited to, health and accident insurance, life insurance, paid vacation leave, paid sick leave or longevity. Contractor shall be responsible for the withholding and payment of all applicable taxes, including, but not limited to, income and Social Security taxes to the proper federal, state and local governments. Contractor shall carry workers' compensation coverage for its employees, as required by law, and shall provide County with proof of said coverage, if requested.
6. **Insurance:** Contractor shall procure and maintain (or require its subcontractors, if applicable, to maintain at subcontractor's expense) General and Professional Liability Insurance with limits of not less than \$1,000,000 per occurrence, \$3,000,000 aggregate. Contractor shall name County as an additional insured on such policy, and will provide certificates of insurance evidencing such coverage.



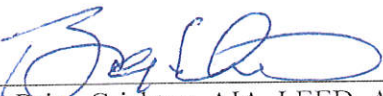
7. **Indemnification:** Contractor shall, at its own expense, protect, defend, indemnify and save harmless County, its elected and appointed officers, employees, servants and agents from any and all liability resulting from the acts or omissions of Contractor, its employees, or agents that may arise out of this Agreement. Contractor shall at its own expense appear, defend and pay all charges of attorney fees and all costs and other expenses arising therefrom or incurred, and if any judgment shall be rendered against County in any such action, Contractor shall, at its own expense, satisfy and discharge same. Contractor's responsibilities to County as set forth in this section shall not be mitigated by any insurance coverage obtained by Contractor either for its day-to-day operation or specific to the services to be performed under this Agreement.
8. **Waivers:** No failure or delay on the part of the County in exercising any right, power, or privilege hereunder shall operate as a waiver thereof, nor shall a single or partial exercise of any right, power, or privilege preclude any other or further exercise of any other right, power or privilege.
9. **Modifications, Amendments or Waivers of Provisions of the Agreement:** All modifications, amendments or waivers of any provision of this Agreement may be made only by the written mutual consent of the parties hereto.
10. **No Assignment:** Contractor shall not assign, subcontract or otherwise transfer its duties or obligations under this Agreement without the express written approval of County.
11. **Disregarding Titles:** The titles of the sections set forth in this Agreement are inserted for the convenience of reference only and shall be disregarded when construing or interpreting any of the provisions of this Agreement.
12. **Completeness of the Agreement:** This Agreement, and any additional or supplementary documents incorporated herein by specific reference, contains all the terms and conditions agreed upon by the parties hereto, and no other agreements, oral or otherwise, regarding the subject matter of this Agreement or any part thereof shall have any validity or bind any of the parties hereto.
13. **Invalid Provision:** If any provision of this Agreement is held to be invalid, the remainder of the Agreement shall not be affected thereby, except where the invalidity of the provision would result in the illegality and/or unenforceability of this Agreement.
14. **Non-Beneficiary Contract:** This Agreement is not intended to be a third-party beneficiary contract and confers no rights on anyone other than the parties hereto.
15. **Choice of Law:** This Agreement shall be governed by the laws of the State of Iowa and venue shall lie in Woodbury County, Iowa.

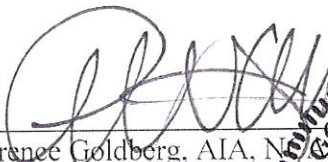


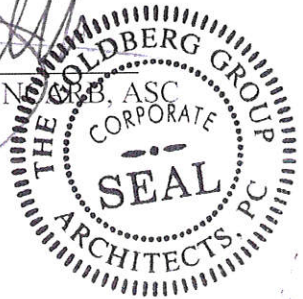
IN WITNESS WHEREOF, the parties hereto have fully executed this Agreement on the day and year first above written.

CANNON MOSS BRYGGER ARCHITECTS

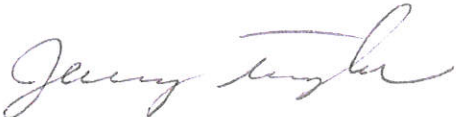
GOLDBERG GROUP ARCHITECTS, P.C.

By: 
Brian Crichton, AIA, LEED, AP
President/CEO

By: 
Lawrence Goldberg, AIA, NCB, ASC
President

A circular corporate seal for The Goldberg Group Architects, P.C. The seal contains the text 'THE GOLDBERG GROUP ARCHITECTS, P.C.' around the perimeter and 'CORPORATE SEAL' in the center.

THE COUNTY OF WOODBURY:

By: 
Jeremy Taylor, Chair
Woodbury County Board of Supervisors

ATTESTED:

By: _____

DATE: _____, 2016

WOODBURY COUNTY BOARD OF SUPERVISORS AGENDA ITEM(S) REQUEST FORM

#12

Date: 9/13/18

Weekly Agenda Date: 9/18/18

ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN: Patrick Gill, County Auditor & Recorder

WORDING FOR AGENDA ITEM:

Select and Accept a Proposal to Provide Voting Equipment to Woodbury County

ACTION REQUIRED:

Approve Ordinance

Approve Resolution

Approve Motion

Public Hearing

Other: Informational

Attachments

EXECUTIVE SUMMARY:

On 7/17/18, Woodbury County received proposals from two of three eligible vendors to provide voting equipment to the county for use in conducting elections for the next several years in Woodbury County. Henry M. Adkins & Son submitted a proposal with an implementation cost of \$428,781.00 and ES&S, our current provider, submitted a proposal with an implementation cost of \$414,648.88.

Steve Hofmeyer, Deputy Commissioner of Elections, reviewed the proposals, arranged demonstrations and refined both proposals. He has submitted a recommendation to select and accept the revised proposal from ES&S. I concur.

BACKGROUND:

Woodbury County sent out a request for proposal to three eligible vendors who provide election equipment in Iowa, two vendors responded. The two proposals that were received were reviewed. Both companies were offered to times provide demonstrations of their equipment, both companies accepted and their equipment was demonstrated before the entire election staff.

Based on these demonstrations, it was determined that both companies provide state of the art equipment and either solution would work for Woodbury County but the consensus was to favor the equipment proposed by ES&S. The decision was based on the familiarity of the equipment currently used, including the ability to continue the use of the high speed central count scanner currently used to count absentee ballots and the continued use of transport carts previously purchased by Woodbury County. It was determined that the Adkin's equipment would require a complete redesign of our delivery system and a potentially large cost to do so.

After reviewing the proposals, both companies were asked to refine their proposals based on what we determined would meet the needs of Woodbury County. Both companies did and Deputy Hofmeyer has provided an analysis of the refined proposals and his recommendation. I have attached this document for your review and I concur with his recommendation.

FINANCIAL IMPACT:

The implementation cost of the proposal from ES&S is \$375,655.84 and the funds will come from unobligated Capital Improvement Project dollars.

IF THERE IS A CONTRACT INVOLVED IN THE AGENDA ITEM, HAS THE CONTRACT BEEN SUBMITTED AT LEAST ONE WEEK PRIOR AND ANSWERED WITH A REVIEW BY THE COUNTY ATTORNEY'S OFFICE?

Yes No

RECOMMENDATION:

The recommendation is to accept the revised proposal from ES&S to provide voting equipment at an implementation cost of \$375,655.84 and to authorize the chairman to sign a Sales Order Agreement with ES&S that has been reviewed by the County Attorney's Office and reflects the terms that have been agreed to in the revised proposal.

ACTION REQUIRED / PROPOSED MOTION:

Move to select and accept the proposal from ES&S to provide voting equipment to Woodbury County with an implementation cost of \$375,655.84 and to authorize the chairman to sign a Sales Order Agreement reflecting those terms after a review by the county Attorney's Office.

Attachment A - (Revised qty)**Cost Quotation****Woodbury County Voting Equipment, Software and Services**

Hardware	Cost per Unit	x Units	Total
Precinct Scanners	\$ 4,790.00	47	\$ 225,130.00
Precinct ADA-Compliant Devices	\$ 2,680.00	45	\$ 120,600.00
Central Scan Device (high speed)	\$ 44,750.00	1	\$ 44,750.00
Central Scan Device (lower speed) / w/laptop	\$ 10,500.00	1	\$ 10,500.00
Server w/desktop	\$ 4,995.00	1	\$ 4,995.00
Other (specify) Transport Media	\$ 95.00	45	\$ 4,275.00
Total Hardware Cost			\$ 410,250.00

Software		Cost
Ballot Management		\$ 9,206.00
Election Night Returns		\$ 7,532.00
Other (specify)	Third Party (MySQL)	\$ 1,000.00
Other (specify)		
Total Software Cost		\$ 17,738.00

IOWA DISCOUNT AND TRADE	\$ (61,537.50)
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Total Hardware and Software Cost	\$ 366,450.50
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Annual License Fees	All License and Maintenance Fees Begin in Year Two		Cost
OpenElect Central Suite License	\$ 16,738.00	1	\$ 16,738.00
OpenElect Scanner (OVO) Firmware	\$ 90.00	47	\$ 4,230.00
OpenElect ADA units (FVT) Firmware	\$ 60.00	45	\$ 2,700.00
OpenElect Central Scan software license	\$ 1,750.00	1	\$ 1,750.00
OpenElect Central Scan (miniOVCS)	\$ 750.00	1	\$ 750.00
Total Annual License Fees			\$ 26,168.00

Annual Maintenance Fees	First Year Included		Cost
OpenElect Scanner (OVO)	\$ 200.00	47	\$ 9,400.00
OpenElect ADA units (FVT) Firmware	\$ 155.00	45	\$ 6,975.00
OpenElect Central Scan (OVCS)	\$ 2,850.00	1	\$ 2,850.00
OpenElect Central Scan (miniOVCS)	\$ 250.00	1	\$ 250.00
Total Annual Maintenance Fees			\$ 19,475.00

Total Annual License and Maintenance	\$ 45,643.00
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This proposal offers a three year payment option with NO interest charges.

Attachment A
Cost Quotation
Woodbury County Voting Equipment, Software and Services

Hardware	Cost per Unit	x Units	Total
Precinct Scanners			
Model DS200 (Includes Scanner, Internal Backup Battery, Plastic Ballot Box with Steel Door and e-Bin, Paper Roll and 4GB Jump Drive)	\$5,750.00	46	\$264,500.00
Precinct ADA-Compliant Devices			
ExpressVote BMD Terminal (Includes Terminal, Internal Backup Battery, ADA Keypad, Headphones, 4GB Flash Drive and Power Supply with AC Cord)	\$3,325.00	46	\$152,950.00
Central Scan Device	N/A	N/A	Proposed system allows Woodbury County to continue use of currently owned DS850
Server (if included)	N/A	N/A	N/A
Other - 4GB Jump Drive (Additional)	\$105.00	10	\$1,050.00
Other - Project Management and Training Days	\$1,650.00	9	\$14,850.00
Other - Election On-Site Support (One Event includes a person on-site the day before, day of, and day after election)	\$4,525.00	1	\$4,525.00
Other - Workstation with Pre-Loaded EMS Software	\$3,946.00	1	\$3,946.00
Other - Equipment Installation	\$10,120.00	1	\$10,120.00
Other - Shipping & Handling	\$3,115.00	1	\$3,115.00
Total Cost			\$455,056.00

Software	Cost
Ballot Management	
ElectionWare Software - PYO Standard (Base Package with English Language Synthesized Voice Files)	\$21,365.00
Election Night Returns	Included In Ballot Management Software Price Above
Total Cost	\$21,365.00

Equipment and Software Subtotal	\$476,421.00
Performance Bond	\$5,634.84
Trade-In Allowance for (54) M100's with Ballot Boxes and (47) AutoMARK's	(\$36,400.00)
Additional Discount Based Upon Proposed Quantities	(\$70,000.00)
Total Implementation Cost	\$375,655.84

Lease/Purchase Financing Options:	Annual Payment
Annual Payment for a Three (3) Year Term	\$134,672.82
Annual Payment for a Five (5) Year Term	\$87,577.71

Lease/Purchase Financing Notes:

1. ES&S is able to provide direct financing for the Total Purchase Price through its affiliate, Nationwide Capital.
2. First Payment due at contract execution and annually thereafter.
3. Payments do not include Annual Post-Warranty License and Maintenance and Support Fees or Value Added Items which will be invoiced separately.
4. The Lease/Purchase Annual Payment amount is valid for thirty (30) days and subject to change thereafter.

Annual Fees & Maintenance	Cost
HMA DS200 - Silver Coverage (Maintenance Once Every 24-Months)	\$6,785.00
HMA ExpressVote BMD - Silver Coverage (Maintenance Once Every 24-Months)	\$4,485.00
Firmware License - DS200	\$3,680.00
Firmware License - ExpressVote	\$2,990.00
ElectionWare Software - PYO Standard (Base Package with English Language Synthesized Voice Files)	\$21,365.00
Total Cost	\$39,305.00

OR

Annual Fees & Maintenance	Cost
HMA DS200 - Gold Coverage (Annual Maintenance)	\$8,510.00
HMA ExpressVote BMD - Gold Coverage (Annual Maintenance)	\$5,520.00
Firmware License - DS200	\$3,680.00
Firmware License - ExpressVote	\$2,990.00
ElectionWare Software - PYO Standard (Base Package with English Language Synthesized Voice Files)	\$21,365.00
Total Cost	\$42,065.00

Value Added Items	Cost
Additional Thumb Drives	\$105.00 each
ExpressVote Tabletop Barcode Scanner	\$685.00 each
Additional Project Mangement Days	\$1,650.00 per day

Hardware	Adkins & Son			ES&S	
	Per Unit	X Units	Total	Per Unit	
Scanners	4,790.00	46	220,340.00	5,750.00	264,500.00
ADA devices	2,680.00	46	123,280.00	3,325.00	152,950.00
Central scan-high speed	44,750.00	1	44,750.00	0.00	0.00
Central scan-lower speed	10,500.00	1	10,500.00	0.00	0.00
server	4,995.00	1	4,995.00	3,946.00	3,946.00
other/transport media	95.00	46	4,370.00	95.00	33,660.00
Total Hardware Cost			<u>408,235.00</u>		<u>455,056.00</u>
Software			17,738.00		21,365.00
Discount & Trade			-61,537.50		-106,400.00
Performance Bond			0.00		5,634.84
Total Hardware & Software			<u>364,435.50</u>		<u>375,655.84</u>

Annual License Fees				Silver	Gold
Suite License	16,738.00	1	16,738.00	21,365.00	21,365.00
OVO Firmware	90.00	46	4,140.00	3,680.00	3,680.00
EVT Firmware	60.00	46	2,760.00	2,990.00	2,990.00
OVCS-large	1,750.00	1	1,750.00		
OVCS-mini	750.00	1	750.00		
			<u>26,138.00</u>	<u>28,035.00</u>	<u>28,035.00</u>

Annual Maint Fees Fees					
OVO	200.00	46	9,200.00	6,785.00	8,510.00
FVT	155.00	46	7,130.00	4,485.00	5,520.00
OVCS-large	2,850.00	1	2,850.00		
OVCS-mini	250.00	1	250.00		
			<u>19,430.00</u>	<u>11,270.00</u>	<u>14,030.00</u>
Total Annual License & Maint			<u>45,568.00</u>	<u>39,305.00</u>	<u>42,065.00</u>

Total Hardware & Software-Adkins	364,435.50
Total Hardware & Software-ES&S	<u>375,655.84</u>
ES&S price is higher by	<u>11,220.34</u>

Total Annual License & Maint-Adkins	45,568.00
Total Annual License & Maint-ES&S	<u>42,065.00</u>
ES&S price is lower by	<u>-3,503.00</u>

With the lower annual license & maintenance fees, ES&S would make up the difference in hardware & software cost in less than 3 1/2 years.

My recommendation to the board would be to go with ES&S, With the cost to the county coming out ahead of Adkins in 3 1/2 years, plus we can continue to use our existing carts and covers instead of having to purchase something different for the Adkins equipment.

Steve Hofmeyer - Deputy Commisioner of Elections