



NOTICE OF MEETING OF THE WOODBURY COUNTY BOARD OF SUPERVISORS
(APRIL 9, 2019) (WEEK 15 OF 2019)

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

Agenda and Minutes available at:
www.woodburycountyiowa.gov

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You are hereby notified a meeting of the Woodbury County Board of Supervisors will be held April 9, 2019 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 April 2, 2019 meeting
4. Approval of claims
5. Human Resources – Melissa Thomas
a. Approval of Memorandum of Personnel Transactions
b. Approval of request to Deauthorize County Position
c. Authorization to Initiate Hiring Process
6. Board Administration – Karen James
a. Approval of resolution for a tax suspension for A.B.
b. Approval of lifting tax suspension for petitioners who failed to re-certify their income or income does not qualify for continued tax suspension

7. Secondary Roads – Mark Nahra  
Approve the permit to work in the right of way for USCOC of Greater Iowa

### **End Consent Agenda**

#### **Recess Board of Supervisors Meeting Convene Woodbury County Drainage Districts Trustees Meeting**

8. a. Receive the report of the drainage engineer Action  
b. Authorize the county engineer to file an application for assistance with the State of Iowa for repairs Action  
c. Approval to designate the county engineer the authorized agent and Brian Blomme of ISG as the authorized representative of the trustees for repair work Action

#### **Adjourn Woodbury County Drainage Districts Trustees Meeting Continue Board of Supervisors Meeting**

9. County Attorney – PJ Jennings  
Approval and presentation of proclamation proclaiming the week of April 7-13, 2019 as Crime Victims' Rights Week Action
10. WCICC-IT – John Malloy  
Approval to upgrade current door security controllers and Millennium Enterprise Software Action
11. Secondary Roads – Mark Nahra  
a. Consider approval of a detour agreement with the Iowa Department of Transportation for the Iowa Highway 141 Bridge Replacement Project Action  
b. Approve contract for CP-2019, annual corrugated metal pipe purchases with Metal Culvert for \$116,239.61  
c. Consider approval of Iowa DOT budget for FY 2020 Action  
d. Consider approval of FY 2020 Woodbury County Five Year Construction Program Action  
e. Consider approval of a detour agreement with the Iowa Department of Transportation of the Iowa Highway 31 Paving Project Action
12. Board of Supervisors – Keith Radig  
Approval to provide \$2,500 in funding to support Siouxland Mental Health in disaster outreach Action
13. Reports on Committee Meetings Information
14. Citizen Concerns Information
15. Board Concerns Information

### **ADJOURNMENT**

*Subject to Additions/Deletions*

## CALENDAR OF EVENTS

|                        |                   |                                                                                                                             |
|------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>WED., APRIL 10</b>  | <b>8:05 a.m.</b>  | Woodbury County Information Communication Commission, First Floor Boardroom                                                 |
| <b>FRI., APRIL 12</b>  | <b>11:15 a.m.</b> | DCAT Committee Meeting, Juvenile Court Services, 2 <sup>nd</sup> Floor, Trosper-Hoyt Building                               |
| <b>TUES., APRIL 16</b> | <b>4:00 p.m.</b>  | Conservation Board Meeting, Dorothy Pecaut Nature Center, Stone Park                                                        |
| <b>WED., APRIL 17</b>  | <b>10:00 a.m.</b> | Siouxland Center for Active Generations Board of Directors Meeting, 313 Cook St.                                            |
|                        | <b>12:00 p.m.</b> | Siouxland Economic Development Corporation Meeting, 617 Pierce St., Ste. 202                                                |
| <b>THUR., APRIL 18</b> | <b>4:30 p.m.</b>  | Community Action Agency of Siouxland Board Meeting, 2700 Leech Avenue                                                       |
| <b>MON., APRIL 22</b>  | <b>6:00 p.m.</b>  | Zoning Commission Meeting, First Floor Boardroom                                                                            |
| <b>TUES., APRIL 23</b> | <b>1:00 p.m.</b>  | Sioux Rivers Regional Governance Board Meeting, Plymouth County Courthouse Annex Building, 215 4th Ave. S.E., Le Mars, Iowa |
| <b>THUR., APRIL 25</b> | <b>11:00 a.m.</b> | Siouxland Regional Transit Systems (SRTS) Board Meeting, SIMPCO Office, 1122 Pierce St.                                     |
| <b>WED., MAY 1</b>     | <b>9:00 a.m.</b>  | Loess Hills Alliance Protection Committee Meeting, Pisgah, Iowa                                                             |
|                        | <b>10:00 a.m.</b> | Loess Hills Alliance Stewardship Committee Meeting                                                                          |
|                        | <b>12:00 p.m.</b> | District Board of Health Meeting, 1014 Nebraska St.                                                                         |
|                        | <b>1:00 p.m.</b>  | Loess Hills Alliance Executive Meeting                                                                                      |
| <b>THUR., MAY 2</b>    | <b>10:00 a.m.</b> | COAD Meeting, The Security Institute                                                                                        |
| <b>MONDAY, MAY 6</b>   | <b>6:00 p.m.</b>  | Board of Adjustment meeting, First Floor Boardroom                                                                          |
| <b>TUESDAY, MAY 7</b>  | <b>4:45 p.m.</b>  | Veteran Affairs Meeting, Veteran Affairs Office, 1211 Tri-View Ave.                                                         |
| <b>WED., MAY 8</b>     | <b>8:05 a.m.</b>  | Woodbury County Information Communication Commission, First Floor Boardroom                                                 |
|                        | <b>6:30 p.m.</b>  | Woodbury County E911 Service Board meeting, Climbing Hill                                                                   |
|                        | <b>8:00 p.m.</b>  | County's Mayor Association Meeting, Public Safety Center, Climbing Hill                                                     |
| <b>THUR., MAY 9</b>    | <b>12:00 p.m.</b> | SIMPCO Board of Directors, 1122 Pierce St.                                                                                  |
|                        | <b>4:30 p.m.</b>  | Conservation Board Meeting, Dorothy Pecaut Nature Center, Stone Park                                                        |

**The following Boards/Commission have vacancies:** Commission to Assess Damages - Category A, Category B, Category C and Category D

**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.*

**APRIL 2, 2019, FOURTEENTH MEETING OF THE WOODBURY COUNTY BOARD OF SUPERVISORS**

The Board of Supervisors met on Tuesday, April 2, 2019 at 4:30 p.m. Board members present were Ung, Radig, Taylor, and Pottebaum, and De Witt. Staff members present were Karen James, Board Administrative Assistant, Joshua Widman, Assistant County Attorney, Melissa Thomas, Human Resources Director, Dennis Butler, Budget/Tax Analyst, and Patrick Gill, Auditor/Clerk to the Board.

The regular meeting was called to order at 4:30 p.m. with the Pledge of Allegiance to the Flag and a Moment of Silence.

1. There were no citizen concerns.
2. Motion by Radig second by Ung to approve the agenda for April 2, 2019. 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 March 26, 2019 meeting. Copy filed.
4. To approve the claims totaling \$412,958.21. Copy filed.
5. To approve a 28E Agreement between Woodbury County, Iowa, and the Woodbury Soil and Water Conservation District for Funding and Management of a Watershed Inspection and Maintenance Program in Woodbury County, Sate of Iowa. Copy filed.
6. To receive the appointment of Arzella (Sue) Ham, 517 Liston St., Danbury, IA, to the Danbury City Council. The appointment was made on March 12, 2019, to fill a vacant position previously held by Kevin Frank, until the next regular election. Copy filed.
- 7a. To approve the reclassification of Georgeann Pettigrew, MV Clerk II, County Treasurer Dept., effective 4-09-19, \$21.07/hour, 10.7%=\$2.04/hour. Per AFSCME Courthouse Contract agreement, from Grade 3/Step 4 to Grade 3/Step 5.; and the appointment of Haley Hines, P/T Youth Worker, Juvenile Detention Dept., effective 04-15-19, \$18.88/hour. Job Vacancy Posted 12-12-18. Entry Level Salary: \$18.88/hour. Copy filed.
- 7b. To approve and authorize the Chairperson to sign the Authorization to initiate the hiring process for Coordinator of Disability Services, Rolling Hills Dept. Wage Plan: \$62,000-\$66,000/year.; Coordinator of Disability Services/Support Staff, Rolling Hills Dept. Wage Plan: \$48,000-\$53,000/year.; and Mental Health Advocate, Rolling Hills Dept. Wage Plan: \$48,000-\$53,000/year. Copy filed.
- 7c. To approve the de-authorization of MHDS Interim Service Coordinator (effective 6-30-19), Sioux Rivers.; Eligibility Coordinator/Secretary III (effective 6-30-19), Sioux Rivers.; Secretary III (effective 6-30-19), Sioux Rivers.; Jail Alternative Coordinator (effective 6-30-19), Sioux Rivers.; and Mental Health Advocate (effective 6-30-19), Sioux Rivers. Copy filed.
- 8a. To approve the lifting of tax suspension for Curtis Schmidt, parcel #894726152007, 2909 E. 9<sup>th</sup> St., Sioux City. Copy filed.
- 8b. To approve and authorize the Chairperson to sign a Resolution approving petition for suspension of taxes for Linda Carlson, parcel #894729405014, 100 Main St., Sioux City.

**WOODBURY COUNTY, IOWA  
RESOLUTION #12,820  
RESOLUTION APPROVING PETITION FOR SUSPENSION OF TAXES**

**WHEREAS**, Linda Carlson, is the titleholder of property located at 100 Main St., Sioux City, Woodbury County, Iowa, and legally described as follows:

**Parcel # 894729405014**



**SIOUX CITY ADDN S 50 FT LOT 8 BLK 18 W 44 FT S 50 FT LOT 9 BLK 18**

**WHEREAS**, Linda Carlson, is the titleholder of the aforementioned property have petitioned the Board of Supervisors for a suspension of taxes pursuant to the 2017 Iowa Code section 427.9, and

**WHEREAS**, the Board of Supervisors recognizes from documents provided that the petitioner is unable to provide to the public revenue; and

**NOW, THEREFORE, BE IT RESOLVED**, that the Woodbury County Board of Supervisors hereby grants the request for a suspension of taxes, and hereby directs the Woodbury County Treasurer to so record the approval of this tax suspension for this property.

**SO RESOLVED** this 2nd day of April, 2019.  
WOODBURY COUNTY BOARD OF SUPERVISORS  
Copy filed.

- 9. To approve the permit to work in the right of way for MidAmerican Energy. Copy filed.

Carried 5-0.

- 10. Presentation of Award Certificate to Mark Nahra. Copy filed.

- 11. Motion by Pottebaum second by Taylor approve and authorize the Chairperson to sign a Resolution opposing senate study bill 1045 and senate file 184 passed by the senate committee on transportation. Carried 5-0.

**WOODBURY COUNTY BOARD OF SUPERVISORS  
RESOLUTION #12,821  
A RESOLUTION OPPOSING SENATE STUDY BILL 1045 AND SENATE FILE 184 PASSED BY  
THE SENATE COMMITTEE ON TRANSPORTATION**

WHEREAS, the Transportation Committee in the Iowa Senate has passed House Study Bill 1045 (SF 184) which would amend and make changes to Iowa Code Chapter 321 related to transportation of indivisible loads and raw forestry products on primary and non-primary highways, and;

WHEREAS, Woodbury County owns and maintains nonprimary highways, and is fiscally and legally responsible for the nonprimary highways within the County, and;

WHEREAS, Woodbury County owns and maintains 300 structures classified as bridges by the National Bridge Inspection Standards, and;

WHEREAS, many of the bridges owned by Woodbury County are aging and structurally deficient or functionally obsolete, and;

WHEREAS, current funding is not adequate to replace or rehabilitate these bridges at the rate their conditions are deteriorating, and;

WHEREAS, the nonprimary roads and bridges owned by Woodbury County serve a critical need for residents, agricultural users, businesses, schools, post offices, and emergency responders, and;

WHEREAS, the proposed bill would allow the Iowa Department of Transportation to issue annual permits to forestry industry haulers for loads up to 130,000 pounds on nonprimary highways throughout Iowa, without knowledge of or notice given to the agencies which own these highways and the structures thereon, and;

WHEREAS, bridges within Woodbury County have been designed for loads that were legal on Iowa roads at the time of their construction, and bridges have only been rated or posted with weight restrictions for loads that are currently legal on roads, and;

WHEREAS, each bridge within Woodbury County is unique based on its age, design, and current condition, and;

WHEREAS, load rating to ensure safe passage of loads greater than 80,000 pounds would be unique for each load on each individual bridge, and;

WHEREAS, the traversing of Woodbury County bridges by loads up to 130,000 pounds without the County being afforded the knowledge of or the ability to restrict each occurrence, would result in gradual and possibly sudden failure of bridges within the County, and;

WHEREAS, Woodbury County would likely bear legal and financial liability for subsequent failure of its bridges, even if such failures are caused by loads they did not permit, and;

WHEREAS, Woodbury County is not financially able to repair or replace bridges which would be subject to accelerated deterioration by increased loads, and;

WHEREAS, Woodbury County and its residents, farmers, businesses, schools, post offices, and emergency responders, would be subjected to undue operational and economic hardships by further degradation of its road system and the structures thereon;

NOW THEREFORE BE IT RESOLVED, that the Woodbury County Board of Supervisors strongly urges all Iowa lawmakers to vote in opposition to this legislation.

Resolved this 4th day of April, 2019.

WOODBURY COUNTY BOARD OF SUPERVISORS  
Copy filed.

- 12a. Motion by De Witt second by Taylor to receive the Zoning Commission's recommendation from their 3/25/19 meeting to approve the final plat of Stubbs Addition Minor Subdivision. Carried 5-0. Copy filed.
- 12b. Motion by Ung second by Pottebaum to approve and authorize the Chairperson to sign a Resolution accepting and approving the final plat of Stubbs Addition, a Minor Subdivision. Carried 5-0.

**RESOLUTION ACCEPTING AND APPROVING THE FINAL PLAT OF STUBBS  
ADDITION, A MINOR SUBDIVISION TO WOODBURY COUNTY, IOWA  
RESOLUTION #12,822**

WHEREAS, THE OWNERS AND PROPRIETORS DID ON THE 25<sup>TH</sup> DAY OF MARCH, 2019, FILE WITH THE WOODBURY COUNTY ZONING COMMISSION A CERTAIN PLAT DESIGNATED AS STUBBS ADDITION, WOODBURY COUNTY, IOWA; AND

WHEREAS, IT APPEARS THAT SAID PLAT CONFORMS WITH ALL OF THE PROVISIONS OF THE CODE OF THE STATE OF IOWA AND ORDINANCES OF WOODBURY COUNTY, IOWA, WITH REFERENCE TO THE FILING OF SAME; AND

WHEREAS, THE ZONING COMMISSION OF WOODBURY COUNTY, IOWA HAS RECOMMENDED THE ACCEPTANCE AND APPROVAL OF SAID PLAT; AND

WHEREAS, THE COUNTY ENGINEER OF WOODBURY COUNTY, IOWA HAS RECOMMENDED THE ACCEPTANCE AND APPROVAL OF SAID PLAT.

NOW THEREFORE, BE, AND IT IS HEREBY RESOLVED BY THE WOODBURY COUNTY BOARD OF SUPERVISORS, WOODBURY COUNTY, STATE OF IOWA, THAT THE PLAT OF STUBBS ADDITION, WOODBURY COUNTY, IOWA BE, AND THE SAME IS HEREBY ACCEPTED AND APPROVED, AND THE CHAIRMAN AND SECRETARY OF THE WOODBURY

COUNTY BOARD OF SUPERVISORS, WOODBURY COUNTY, STATE OF IOWA, ARE HEREBY DIRECTED TO FURNISH TO THE OWNERS AND PROPRIETORS A CERTIFIED COPY OF THIS RESOLUTION AS REQUIRED BY LAW.

PASSED AND APPROVED THIS 2<sup>ND</sup> DAY APRIL, 2019.  
WOODBURY COUNTY BOARD OF SUPERVISORS  
Copy filed.

13. Information was presented by Michelle Skaff on Tyler Project update. Copy filed.
14. The Board heard reports on committee meetings.
15. There were no citizen concerns.
16. Board concerns were heard.

The Board adjourned the regular meeting until April 9, 2019.

Meeting sign in sheet. Copy filed.

HUMAN RESOURCES DEPARTMENT

MEMORANDUM OF PERSONNEL TRANSACTIONS

DATE: April 9, 2019

\* PERSONNEL ACTION CODE:  
A- Appointment                      R- Reclassification  
T - Transfer                           E- End of Probation  
P - Promotion                        S - Separation  
D - Demotion                         O - Other

TO: **WOODBURY COUNTY BOARD OF SUPERVISORS**

| NAME              | DEPARTMENT      | EFFECTIVE DATE | JOB TITLE             | SALARY REQUESTED | % INCREASE           | * | REMARKS                                                                       |
|-------------------|-----------------|----------------|-----------------------|------------------|----------------------|---|-------------------------------------------------------------------------------|
| Feiler, Mary      | County Sheriff  | 4-15-19        | Civilian Lieutenant   | \$73,137/year    | 3.25%=<br>\$2,302/yr | R | Per Wage Plan Matrix, 6 month Salary Increase.                                |
| Andresen, Michael | Secondary Roads | 4-24-19        | Motor Grader Operator | \$23.86/hour     | 3%=\$.71/hr          | E | Per CWA Secondary Roads Contract agreement, End of Probation Salary Increase. |
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APPROVED BY BOARD DATE: \_\_\_\_\_

MELISSA THOMAS, HR DIRECTOR:

*Melissa Thomas*

**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:** April 9, 2019

For the April 9, 2019 meeting of the Board of Supervisors and the Taxpayers of Woodbury County the Memorandum of Personnel Transactions will include:

1. County Sheriff Civilian Lieutenant, 6 month Salary Increase.
2. Secondary Roads Motor Grader Operator, End of Probation Salary Increase.

Thank you

HUMAN RESOURCES DEPARTMENT  
WOODBURY COUNTY, IOWA

DATE: April 9, 2019

REQUEST TO DEAUTHORIZE COUNTY POSITION(S)

| DEPARTMENT   | POSITION                      | APPROVED | DISAPPROVED |
|--------------|-------------------------------|----------|-------------|
| Sioux Rivers | P/T Aide<br>Effective 6-30-19 |          |             |
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\_\_\_\_\_  
Chairman, Board of Supervisors

**HUMAN RESOURCES DEPARTMENT  
WOODBURY COUNTY, IOWA**

DATE: April 9, 2019

**AUTHORIZATION TO INITIATE HIRING PROCESS**

| <b>DEPARTMENT</b> | <b>POSITION</b> | <b>ENTRY LEVEL</b>        | <b>APPROVED</b> | <b>DISAPPROVED</b> |
|-------------------|-----------------|---------------------------|-----------------|--------------------|
| Building Services | P/T Aide        | Wage Plan:<br>\$9.65/hour |                 |                    |
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\_\_\_\_\_  
Chairman, Board of Supervisors

**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:** April 3, 2019

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

Thank you.

kmj



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

#6b

Date: 4/3/19

Weekly Agenda Date: 4/9/19

**ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN:** Karen James - Admin. Assistant

**WORDING FOR AGENDA ITEM:**

Approval of lifting tax suspensions for petitioners who failed to re-certify their income or income does not qualify for continued tax suspension

**ACTION REQUIRED:**

Approve Ordinance

Approve Resolution

Approve Motion

Public Hearing

Other: Informational

Attachments

**EXECUTIVE SUMMARY:**

Annually, the Board of Supervisors requires those receiving tax suspensions to re-certify their income. Those petitioners who fail to re-certify their income by the deadline or if their income does not qualify for continued tax suspension, will be turned over to the Board of Supervisors for action on lifting the tax suspension.

**BACKGROUND:**

**FINANCIAL IMPACT:**

None

**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:**

To lift the tax suspension of the petitioners that are listed on the attachment.

**ACTION REQUIRED / PROPOSED MOTION:**

Approval of lifting tax suspensions for petitioners who failed to re-certify their income or income does not qualify for continued tax suspension.

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

#7

Date: 04/03/2019 Weekly Agenda Date: 04/12/2019

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

**WORDING FOR AGENDA ITEM:**

Consideration of 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:**

USCOC of Greater Iowa has requested a permit to work in the right of way to plow snow on a county right of way that is classified as legal, not open to traffic.

**BACKGROUND:**

Work in county ROW requires permit by Board of Supervisors per section 318.8 of the Code of Iowa. This road on the edge of Sloan is used only for land access. USCOC is opening a new cellular tower on this land, accessed through this county right of way and asks permission to be able to plow snow to access their tower and equipment.

**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?**

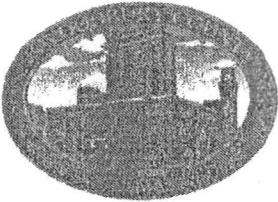
Yes       No

**RECOMMENDATION:**

Recommend approval of the permits for USCOC of Greater Iowa .

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to approve the permit to work in the right of way for USCOC of Greater Iowa and to direct the chair to sign the permits.



# 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@woodburycountyiowa.gov

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

SECRETARY  
Tish Brice  
tbrice@woodburycountyiowa.gov

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

Name of Permittee: USCOC of Greater Iowa, LLC Phone No.: 515-205-0037

Mailing Address: 12020 Ridgeman Dr, Urbandale, IA 50322

Township: 86 North Section: 29 and 30

Woodbury County, State of Iowa, and USCOC of Greater Iowa, LLC (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:

To plow snow on the frontage road to access tower site;  
as needed

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:

\_\_\_\_\_  
\_\_\_\_\_

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

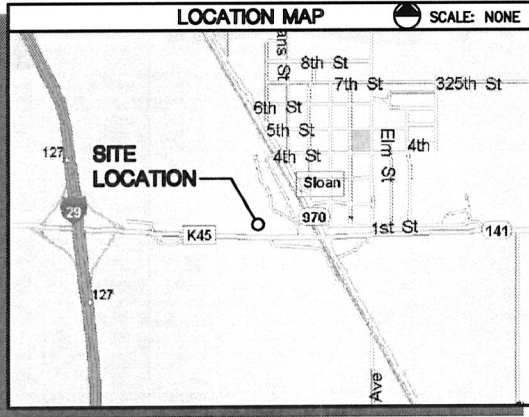
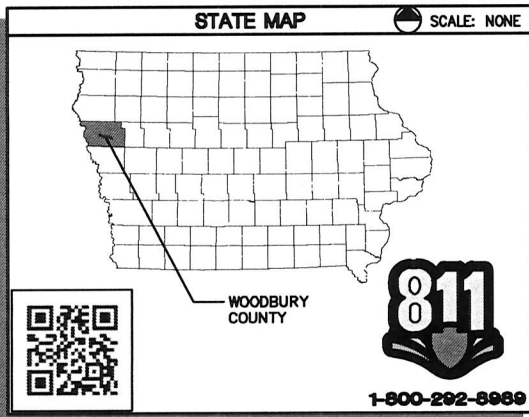
Entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

  
Signature of Property Owner or Authorized Representative

Sr. Project Mgr.

\_\_\_\_\_  
Woodbury County Engineer

\_\_\_\_\_  
Chair, Woodbury County Board of Supervisors



**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

(SIGNATURE) (DATE) 02/27/19

NAME: MICHAEL J. TRELLO  
 LICENSE NUMBER: 23325  
 MY LICENSE RENEWS DATE IS: 12/31/20

PAGES OR SHEETS COVERED BY THIS SEAL: T-1, N-1, THRU, N-7, C-1.0, C-1.1, C-2.0, C-3.0, C-4.0, C-4.1, C-4.2, C-4.3, C-4.4, C-4.5, C-4.6, C-4.7, C-5.0, C-5.1, C-5.2, C-6.0, C-7.0, C-8.0, C-9.0, C-10.0, C-10.1, C-10.2, C-11.0, C-12.0, C-13.0, C-14.0, C-15.0

**LICENSED PROFESSIONAL ENGINEER**  
 MICHAEL J. TRELLO  
 23325  
 IOWA

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGN FIRM IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



**809321**  
**SLOAN - CANDIDATE C**  
 NORTH SIDE OF FRONTAGE ROAD HWY-141 - (NOT E-911 ADDRESS)  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 PROJECT # 18-06-31-07  
 NEW SITE BUILD

**ACCESS AND LOCATION INFORMATION**

LATITUDE: N42° 13' 45.85" (42.229403°)  
 LONGITUDE: W96° 13' 54.75" (-96.231875°)  
 ELEVATION AT GRADE: 1069'  
 TOWER TYPE: SELF-SUPPORT TOWER  
 SPECIAL ACCESS ISSUES: N / A  
 GATE COMBO: N / A

**SCOPE OF WORK**

**TOWER SCOPE:**

PROPOSED U.S. CELLULAR TOWER EQUIPMENT:

- (3) FFHH-65C-R3 ANTENNAS
- (1) HYBRID CABLE
- (1) RAYCAP RUSDC-6267-PF-48
- (3) RRU-4449
- (3) SECTOR FRAMES

GROUNDING:

- TOP TOWER GROUND BAR
- MID-LEVEL GROUND BAR
- BOTTOM GROUND BAR

**GROUND LEVEL WORK:**

PROPOSED SELF-SUPPORT TOWER  
 PROPOSED GRAVEL COMPOUND WITH CHAIN LINK FENCE.  
 PROPOSED GRAVEL ACCESS DRIVE.  
 PROPOSED MULTI-TENANT UTILITY RACK WITHIN THE FENCED COMPOUND.

PROPOSED U.S. CELLULAR ELEVATED STEEL PLATFORM w/ OUTDOOR EQUIPMENT CABINETS.  
 PROPOSED U.S. CELLULAR ICE BRIDGE AND FRAMING.  
 PROPOSED U.S. CELLULAR ELECTRICAL SERVICE AS OUTLINED IN THE ATTACHED PLANS.  
 PROPOSED U.S. CELLULAR COMMUNICATION SERVICE AS OUTLINED IN THE ATTACHED PLANS.  
 PROJECT DESCRIPTION DOES NOT INCLUDE ALL EQUIPMENT & MATERIALS FOR A COMPLETE INSTALLATION.

**PROJECT TEAM**

PROPERTY OWNER:  
 JAMES AND JAY KIRKENDALL  
 210 BUCKLEY  
 SLOAN, IOWA 51055  
 CONTACT:  
 JAMES KIRKENDALL  
 (712) 420-0680

PROJECT CONTACT:  
 U.S. CELLULAR  
 12020 RIDGEMONT DR.  
 URBANDALE, IA 50323  
 DAN WHITE  
 (515) 205-0037

DESIGN FIRM:  
 PBM WIRELESS SERVICES  
 3620 DEVELOPERS ROAD  
 INDIANAPOLIS, IN 46227  
 (815) 931-5288  
 JEFF PFAFF

ELECTRIC PROVIDER:  
 MIDAMERICAN ENERGY  
 (712) 676-3910

FIBER PROVIDER:  
 T.B.D.

**PROJECT SUMMARY**

JURISDICTION:  
 SLOAN CITY  
 CURRENT ZONING:  
 AP - AGRICULTURAL PRESERVATION DISTRICT  
 PARCEL NUMBER:  
 864630400006  
 864629351012

| SHEET INDEX |                                        |         |
|-------------|----------------------------------------|---------|
| SHT. NO.    | DESCRIPTION                            | REV NO. |
| T-1         | TITLE SHEET                            | 0       |
| N-1         | GENERAL NOTES                          | 0       |
| N-2         | GENERAL NOTES                          | 0       |
| N-3         | GENERAL NOTES                          | 0       |
| N-4         | GENERAL NOTES                          | 0       |
| N-5         | GENERAL NOTES                          | 0       |
| N-6         | GENERAL NOTES                          | 0       |
| N-7         | SYMBOLS & ABBREVIATIONS                | 0       |
| C-1.0       | PARTIAL SITE PLAN                      | 0       |
| C-1.1       | GRADING PLAN                           | 0       |
| C-2.0       | COMPOUND PLAN                          | 0       |
| C-3.0       | ELEVATION                              | 0       |
| C-4.0       | ANTENNA INFORMATION & DETAILS          | 0       |
| C-4.1       | RDP INFORMATION (REF ONLY)             | 0       |
| C-4.2       | RF PLUMBING DIAGRAM (REF ONLY)         | 0       |
| C-4.3       | RAYCAP INFORMATION (REF ONLY)          | 0       |
| C-4.4       | EQUIPMENT INFORMATION (REF ONLY)       | 0       |
| C-4.5       | HYBRID & CBL COLOR CODING (REF ONLY)   | 0       |
| C-4.6       | CABLING INFO. & DETAILS (REF ONLY)     | 0       |
| C-4.7       | COAX CABLE BANDINGS DETAILS (REF ONLY) | 0       |
| C-5.0       | PLATFORM LAYOUT                        | 0       |
| C-5.1       | PLATFORM & DETAILS                     | 0       |
| C-5.2       | PLATFORM DETAILS                       | 0       |
| C-6.0       | ICE BRIDGE & DETAILS                   | 0       |
| C-7.0       | FENCE DETAILS                          | 0       |
| C-8.0       | FENCE DETAILS                          | 0       |
| C-9.0       | CIVIL DETAILS                          | 0       |
| C-10.0      | UTILITY SITE PLAN                      | 0       |
| C-10.1      | ONE-LINE DIAGRAM                       | 0       |
| C-10.2      | EQUIPMENT SCHEMATIC                    | 0       |
| C-11.0      | ELECTRICAL DETAILS                     | 0       |
| C-12.0      | GROUNDING PLAN                         | 0       |
| C-13.0      | GROUNDING RISER                        | 0       |
| C-14.0      | GROUNDING DETAILS                      | 0       |
| C-15.0      | GROUNDING DETAILS                      | 0       |
| SUR-1       | SITE SURVEY                            | 0       |
| SUR-2       | SITE PLAN                              | 0       |
| SUR-3       | LEASE AREA & EASEMENTS                 | 0       |
| SUR-4       | DESCRIPTIONS                           | 0       |
| -           | -                                      | -       |
| -           | -                                      | -       |

**CODE COMPLIANCE**

WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY CITY OF SLOAN, WOODBURY COUNTY, STATE OF IOWA & OTHER GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  
 IBC (2015) IFC (2015) NEC (2017) IECC (2012) TIA/EIA-222G OR LATEST EDITION

U.S. Cellular  
 12020 RIDGEMONT DRIVE  
 URBANDALE, IA 50323



|                            |  |
|----------------------------|--|
| A 01/07/19 INTERNAL REVIEW |  |
| B 01/15/19 90% REVIEW      |  |
| C 02/11/19 BID/PERMIT      |  |

809321 - SLOAN - CANDIDATE C  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER

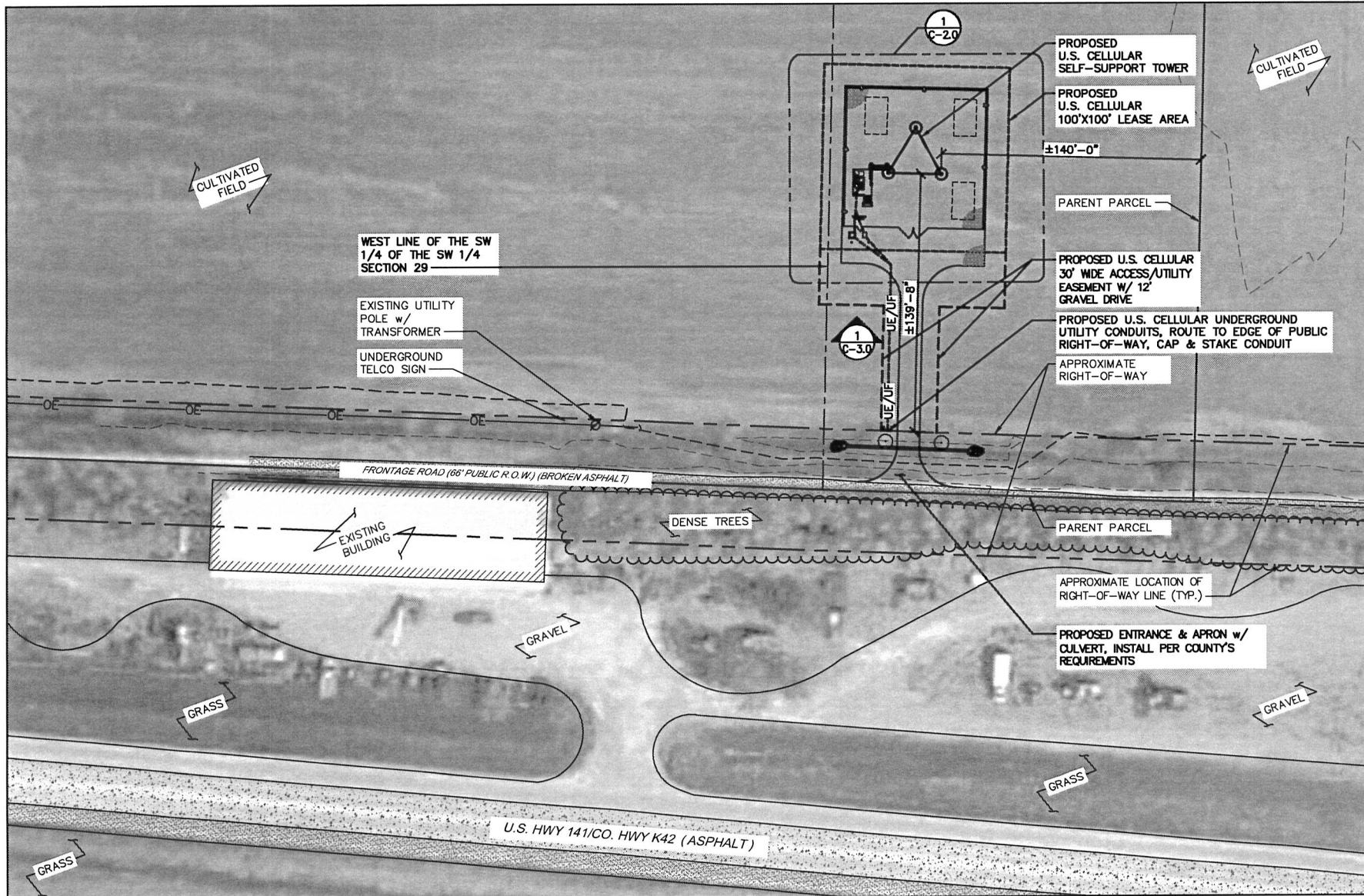
PROJ # 18-06-31-07

SHEET TITLE  
 TITLE SHEET

SHEET NUMBER  
 T-1

CHKD BY: JAP  
 DWG BY: ST





U.S. Cellular  
 12000 RIDGEMONT DRIVE  
 URBANDALE, IA 50023



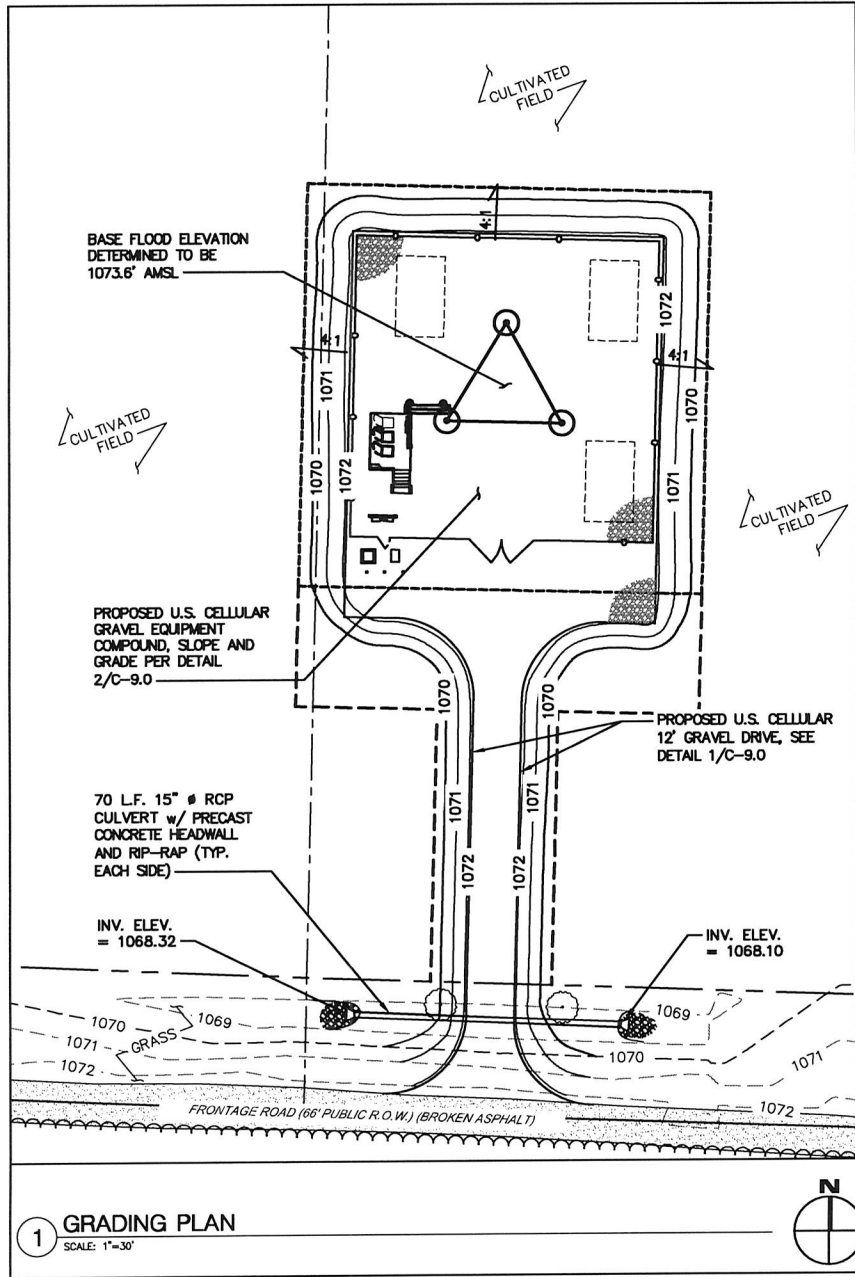
|   |          |                 |
|---|----------|-----------------|
| A | 01/07/19 | INTERNAL REVIEW |
| B | 01/15/19 | 90% REVIEW      |
| C | 02/11/19 | BID/PERMIT      |

809821 - SLOAN - CANDIDATE C  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER  
 PROJ # 18-06-31-07 DWG BY: ST CHKO BY: JAP

SHEET TITLE  
 PARTIAL  
 SITE PLAN

SHEET NUMBER  
 C-10

1 PARTIAL SITE PLAN  
 SCALE: 1"=50'

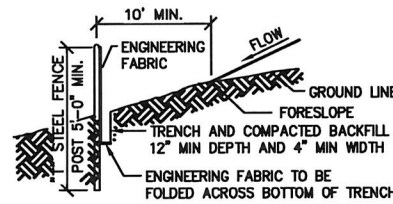


**GENERAL LEGEND**

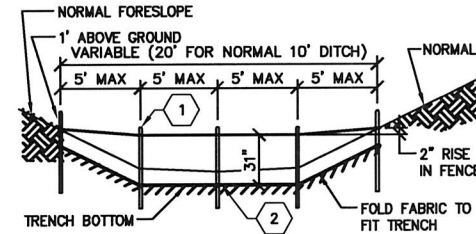
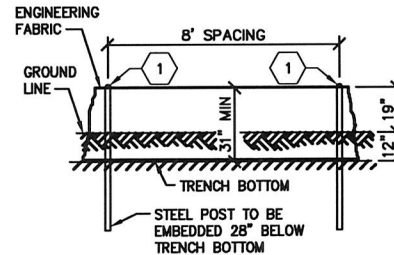
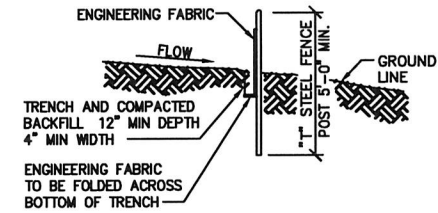
- 850 — MAJOR CONTOUR (NEW) SLOPE ARROW
- 851 — MINOR CONTOUR (NEW) ~~~~~ SILT FENCE
- - - 850 - - - MAJOR CONTOUR (EXISTING)
- - - 851 - - - MINOR CONTOUR (EXISTING)

**GRADING NOTES:**

- GROUND COVER SHALL BE ESTABLISHED WITHIN 30 DAYS AFTER A PHASE OF GRADING WORK IS COMPLETED OR BY APRIL 1 OF THE NEXT YEAR IF COMPLETION IS AFTER OCTOBER 1 IN ORDER TO PREVENT EROSION OF FINISHED GRADING. SUCH GROUND COVER MUST BE MAINTAINED IN SUCH A MANNER AS TO ASSURE THE LONG-TERM STABILITY OF THE GRADING.

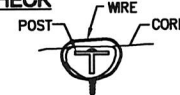
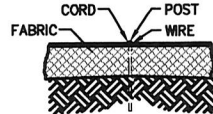


**TYPICAL SECTION DITCH CHECK**



**FRONT VIEW**

**POST TOP VIEW**



**NOTES:**

- SECURE TOP OF ENGINEERING FABRIC TO STEEL POST.
- ENGINEERING FABRIC TO BE PLACED TO BOTTOM OF TRENCH.
- ENGINEERING FABRIC SHALL HAVE A MINIMUM 36" WIDTH.

NOTE: TWIST CORD AND PLACE AROUND POST, SECURE WITH WIRE.

**SCALE: NONE**

**2 SILT FENCE DETAIL**

SILT FENCE DETAIL

**U.S. Cellular**  
13030 RIDGEMONT DRIVE  
URBANDALE, IA 50323

**PBM**  
Professional Business Management  
Services

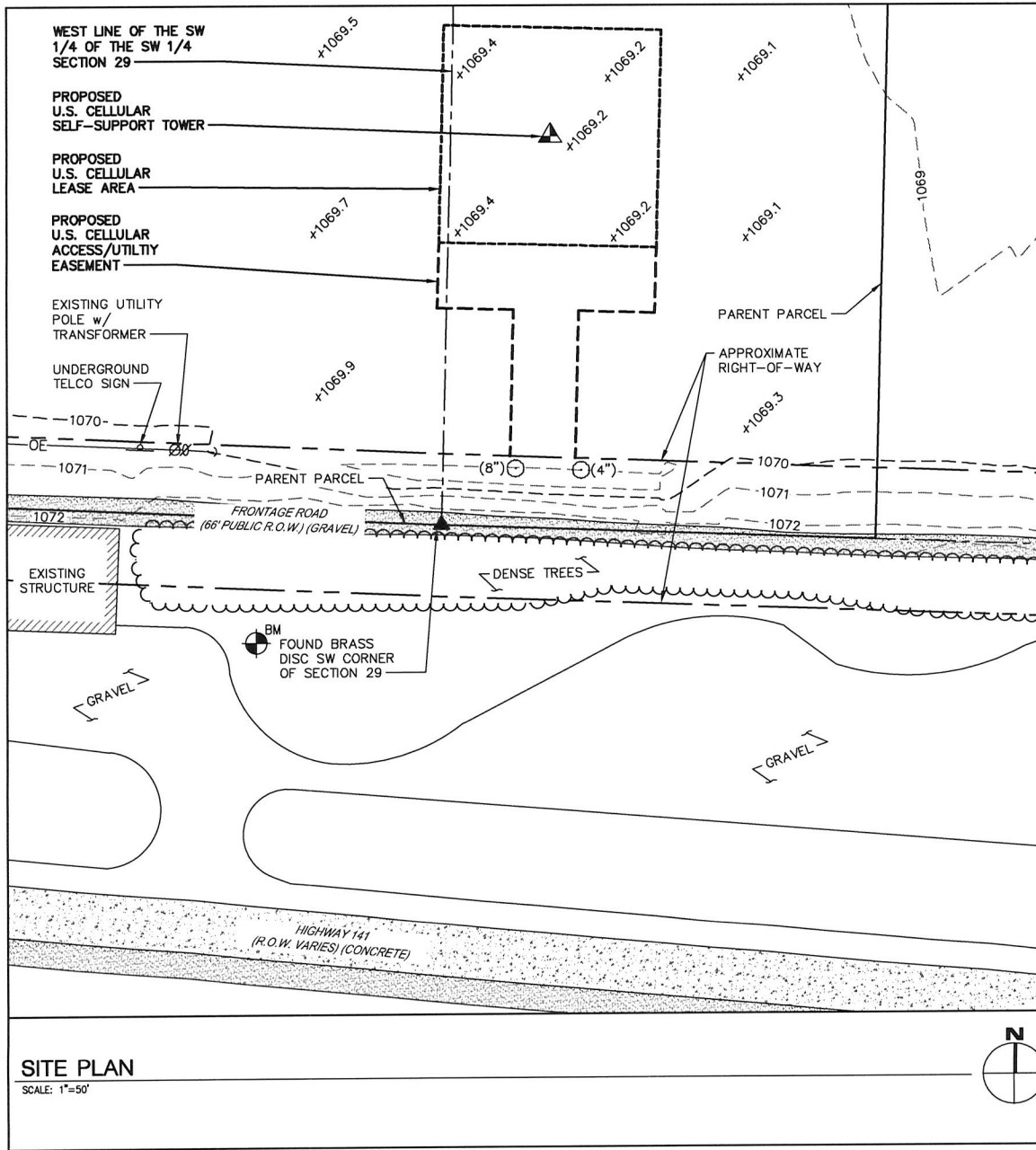
|                       |  |
|-----------------------|--|
| INTERNAL REVIEW       |  |
| A 01/07/19            |  |
| B 01/15/19 90% REVIEW |  |
| C 02/11/19 BID/PERMIT |  |

809821 - SLOAN - CANDIDATE C  
NORTH SIDE OF FRONTAGE ROAD HWY-141  
SLOAN, IA 51055 - WOODBURY COUNTY  
NEW SITE BUILD - SELF SUPPORT TOWER  
PROJ # 18-06-31-07 CHKD BY: JAP  
DWG BY: ST

SHEET TITLE  
GRADING PLAN

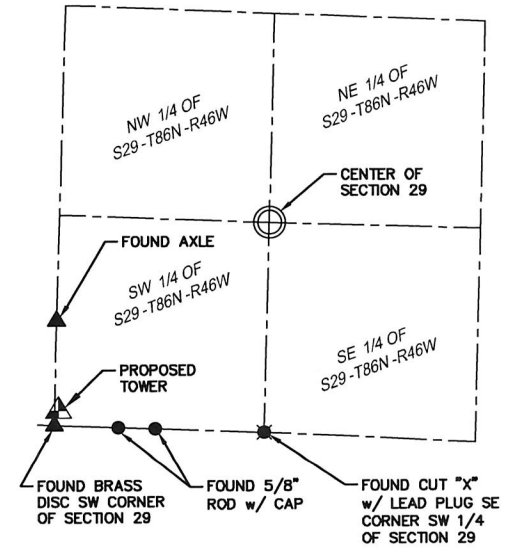
SHEET NUMBER  
C-11





**GENERAL LEGEND**

- FOUND SECTION CORNER (AS NOTED)
- TOWER CENTERLINE
- BM BENCHMARK
- UTILITY POLE W/ TRANSFORMER
- GUY ANCHOR
- DECIDUOUS TREE
- EXISTING STRUCTURE
- OE ELECTRIC - OVERHEAD



**U.S. Cellular**  
 12020 RIDGEMONT DRIVE  
 URBANDALE, IA 50323

**PBM**  
 Wireless Services  
 Think outside the tower.

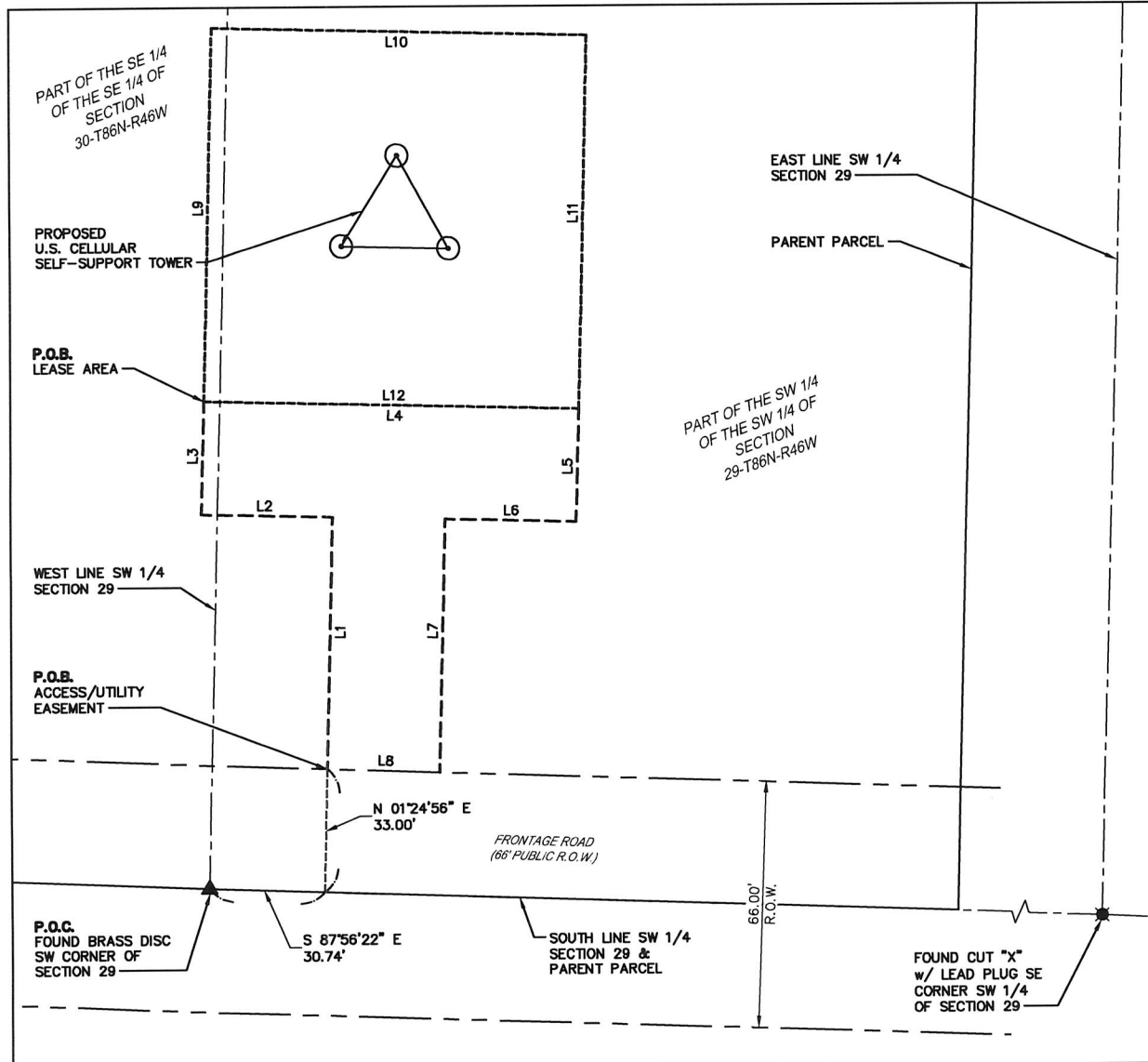
|   |          |                 |
|---|----------|-----------------|
| A | 01/07/19 | INTERNAL REVIEW |
| B | 01/15/19 | 90% REVIEW      |
| C | 02/11/19 | BID/PERMIT      |

**809921 - SLOAN - CANDIDATE C**  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER

PROJ #: 18-06-31-07    DWG BY: ST    CHKD BY: JAP

SHEET TITLE  
**SITE PLAN**

SHEET NUMBER  
**SUR-2**



**LEASE AREA & EASEMENTS**

SCALE: 1" = 30'

**BOUNDARY LEGEND**

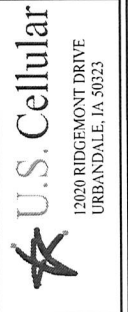
- ▲ FOUND SECTION CORNER (AS NOTED)
- ⊗ FOUND CUT "X" (AS NOTED)
- XX.XX' MEASURED DISTANCE
- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING

**PROPOSED ACCESS/UTILITY EASEMENT LINE TABLE**

| LINE | DIRECTION     | LENGTH  |
|------|---------------|---------|
| L1   | N 01°24'56" E | 67.59'  |
| L2   | N 88°35'04" W | 35.00'  |
| L3   | N 01°24'56" E | 30.00'  |
| L4   | S 88°35'04" E | 100.00' |
| L5   | S 01°24'56" W | 30.00'  |
| L6   | N 88°35'04" W | 35.00'  |
| L7   | S 01°24'56" W | 67.92'  |
| L8   | N 87°56'23" W | 30.00'  |

**PROPOSED LEASE AREA LINE TABLE**

| LINE | DIRECTION     | LENGTH  |
|------|---------------|---------|
| L9   | N 01°24'56" E | 100.00' |
| L10  | S 88°35'04" E | 100.00' |
| L11  | S 01°24'56" W | 100.00' |
| L12  | N 88°35'04" W | 100.00' |

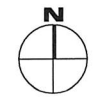


|   |          |                 |
|---|----------|-----------------|
| A | 01/07/19 | INTERNAL REVIEW |
| B | 01/15/19 | 90% REVIEW      |
| O | 02/11/19 | BID/PERMIT      |

809921 - SLOAN - CANDIDATE C  
 NORTH SIDE OF FRONTAGE ROAD HWY-141  
 SLOAN, IA 51055 - WOODBURY COUNTY  
 NEW SITE BUILD - SELF SUPPORT TOWER  
 PROJ. #: 18-06-31-07  
 CHKD BY: JAP  
 DMC BY: ST

SHEET TITLE  
**LEASE AREA & EASEMENTS**

SHEET NUMBER  
**SUR-3**



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

**#8**

Date: 4/4/2019 Weekly Agenda Date: 4/9/2019

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

**WORDING FOR AGENDA ITEM:**

Woodbury County Supervisors as Drainage District Trustees: Receive report of DD Watchman and consider requesting public assistance for damage repair

**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 checked="" type="checkbox"/>    |

**EXECUTIVE SUMMARY:**

The county board, as drainage district trustees, directed the drainage engineer to inspect drainage districts under board supervision. His report will be presented with a recommendation.

**BACKGROUND:**

ISG, serving as county drainage engineers, inspected board of supervisor managed drainage districts for damage following a flood event which began on March 12, 2019. He has prepared a report for presentation. The board will receive the report and make a determination as to whether to apply for public assistance for repairs to the drainage districts damaged by the flood event.

**FINANCIAL IMPACT:**

The repairs are eligible for FEMA and state funding for repairs following a successful application for assistance. The cost split is FEMA at 75% and the State of Iowa at 10%. The 15% balance, plus some engineering expenses, will be paid for by drainage district tax levies.

**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:**

- 1) Recommend that the trustees receive the report of the drainage engineer.
- 2) Recommend that the trustees direct the county engineer file an application for assistance with the state of Iowa for repairs.
- 3) Recommend that the trustees designate the county engineer the authorized agent and Brian Blomme of ISG as the authorized representative of the Board for the repair work.

**ACTION REQUIRED / PROPOSED MOTION:**

- 1) Motion for the trustees to receive the report of the drainage engineer.
- 2) Motion that the trustees direct the county engineer file an application for assistance with the state of Iowa for repairs.
- 3) Motion to designate the county engineer the authorized agent and Brian Blomme of ISG as the authorized representative of the trustees for repair work.

**WOLF CREEK DRAINAGE DISTRICT, WEBER CREEK  
 WOODBURY COUNTY, IOWA  
 2019 FLOOD DAMAGE REPAIRS, DR-4421-IA**



**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-35-14:** LOCATED IN THE SW-NE SECTION 35, WILLOW TOWNSHIP, 3200' SOUTHWEST HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 80 FT LEVY WASHOUT SOUTH SIDE OF DITCH

**RECOMMENDATION:** SHAPE SLOPE AND REPAIR WITH ONSITE SOIL

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40        |
|                          | 2. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00         |
|                          |                                       |            |                | <b>\$306.40</b> |

**SITE # WILLOW-35-15:** LOCATED IN THE SW-NE SECTION 35, WILLOW TOWNSHIP, 3900' SOUTHWEST HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 40 FT LEVY WASHOUT SOUTH SIDE OF DITCH

**RECOMMENDATION:** SHAPE SLOPE AND REPAIR WITH ONSITE SOIL

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF)                  | 40         | \$ 2.68        | \$107.20        |
|                          | 2. RESEEDING FOR EROSION CONTROL (LF) | 40         | \$ 1.15        | \$46.00         |
|                          |                                       |            |                | <b>\$153.20</b> |

**SITE # WILLOW-35-16:** LOCATED IN THE SW-NE SECTION 35, WILLOW TOWNSHIP, 4500' SOUTHWEST HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 60 FT LEVY WASHOUT SOUTH SIDE OF DITCH

**RECOMMENDATION:** SHAPE SLOPE AND REPAIR WITH ONSITE SOIL

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80        |
|                          | 2. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00         |
|                          |                                       |            |                | <b>\$229.80</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-35-1:** LOCATED IN THE NE-SW SECTION 35, WILLOW TOWNSHIP, 4150' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 100 FT BANK SLIDE BOTH SIDES OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>       |
|--------------------------|---------------------------------------|------------|----------------|--------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 200        | \$ 2.68        | \$536.00           |
|                          | 2. BANK SHAPING (LF)                  | 200        | \$ 2.68        | \$536.00           |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 200        | \$ 1.15        | \$230.00           |
|                          | 4. RIPRAP (TN)                        | 200        | \$ 50.00       | \$10,000.00        |
|                          |                                       |            |                | <b>\$11,302.00</b> |

**SITE # WILLOW-35-2:** LOCATED IN THE NE-SW SECTION 35, WILLOW TOWNSHIP, 4000' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 60 FT BANK SLIDE WEST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 60         | \$ 2.68        | \$160.80          |
|                          | 2. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00           |
|                          | 4. RIPRAP (TN)                        | 60         | \$ 50.00       | \$3,000.00        |
|                          |                                       |            |                | <b>\$3,390.60</b> |

**SITE # WILLOW-35-3:** LOCATED IN THE NE-SW SECTION 35, WILLOW TOWNSHIP, 4000' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 100 FT BANK SLIDE EAST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 100        | \$ 2.68        | \$268.00          |
|                          | 2. BANK SHAPING (LF)                  | 100        | \$ 2.68        | \$268.00          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 100        | \$ 1.15        | \$115.00          |
|                          | 4. RIPRAP (TN)                        | 100        | \$ 50.00       | \$5,000.00        |
|                          |                                       |            |                | <b>\$5,651.00</b> |

**SITE # WILLOW-35-4:** LOCATED IN THE NE-SW SECTION 35, WILLOW TOWNSHIP, 4000' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS IN DITCH CHANNEL

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.00       | \$ 150.00      | \$150.00        |
|                          |                    |            |                | <b>\$150.00</b> |

**SITE # WILLOW-35-5:** LOCATED IN THE NE-SW SECTION 35, WILLOW TOWNSHIP, 3500' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 400 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 400        | \$ 2.68        | \$1,072.00        |
|                          | 2. BANK SHAPING (LF)                  | 400        | \$ 2.68        | \$1,072.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 400        | \$ 1.15        | \$460.00          |
|                          |                                       |            |                | <b>\$2,604.00</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-35-6:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 1800' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 50 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 50         | \$ 2.68        | \$134.00        |
|                          | 2. BANK SHAPING (LF)                  | 50         | \$ 2.68        | \$134.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 50         | \$ 1.15        | \$57.50         |
|                          |                                       |            |                | <b>\$325.50</b> |

**SITE # WILLOW-35-7:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 1700' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 70 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 70         | \$ 2.68        | \$187.60        |
|                          | 2. BANK SHAPING (LF)                  | 70         | \$ 2.68        | \$187.60        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 70         | \$ 1.15        | \$80.50         |
|                          |                                       |            |                | <b>\$455.70</b> |

**SITE # WILLOW-35-8:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 1300' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =



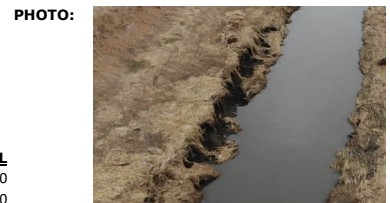
**DESCRIPTION OF DAMAGE:** 110 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 110        | \$ 2.68        | \$294.80        |
|                          | 2. BANK SHAPING (LF)                  | 110        | \$ 2.68        | \$294.80        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 110        | \$ 1.15        | \$126.50        |
|                          |                                       |            |                | <b>\$716.10</b> |

**SITE # WILLOW-35-9:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 1200' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 40 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 50         | \$ 2.68        | \$134.00        |
|                          | 2. BANK SHAPING (LF)                  | 50         | \$ 2.68        | \$134.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 50         | \$ 1.15        | \$57.50         |
|                          |                                       |            |                | <b>\$325.50</b> |

**SITE # WILLOW-35-10:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 1100' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 40 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 40         | \$ 2.68        | \$107.20        |
|                          | 2. BANK SHAPING (LF)                  | 40         | \$ 2.68        | \$107.20        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 40         | \$ 1.15        | \$46.00         |
|                          |                                       |            |                | <b>\$260.40</b> |



**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-35-11:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 800' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 175 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 175        | \$ 2.68        | \$469.00          |
|                          | 2. BANK SHAPING (LF)                  | 175        | \$ 2.68        | \$469.00          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 175        | \$ 1.15        | \$201.25          |
|                          |                                       |            |                | <b>\$1,139.25</b> |

**SITE # WILLOW-35-12:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 500' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 60 FT TOE WASHOUT EAST SIDE OF DITCH

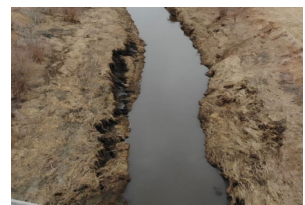
**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 60         | \$ 2.68        | \$160.80        |
|                          | 2. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00         |
|                          |                                       |            |                | <b>\$390.60</b> |

**SITE # WILLOW-35-13:** LOCATED IN THE NW-NW SECTION 35, WILLOW TOWNSHIP, 80' SOUTH HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 100 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 100        | \$ 2.68        | \$268.00        |
|                          | 2. BANK SHAPING (LF)                  | 100        | \$ 2.68        | \$268.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 100        | \$ 1.15        | \$115.00        |
|                          |                                       |            |                | <b>\$651.00</b> |

**SITE # WILLOW-26-1:** LOCATED IN THE SW-NW SECTION 26, WILLOW TOWNSHIP, 2300' SOUTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 40 FT BANK SLIDE EAST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 40         | \$ 2.68        | \$107.20          |
|                          | 2. BANK SHAPING (LF)                  | 40         | \$ 2.68        | \$107.20          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 40         | \$ 1.15        | \$46.00           |
|                          | 4. RIPRAP (TN)                        | 40         | \$ 50.00       | \$2,000.00        |
|                          |                                       |            |                | <b>\$2,260.40</b> |

**SITE # WILLOW-26-2:** LOCATED IN THE SW-NW SECTION 26, WILLOW TOWNSHIP, 1500' SOUTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 100 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 100        | \$ 2.68        | \$268.00        |
|                          | 2. BANK SHAPING (LF)                  | 100        | \$ 2.68        | \$268.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 100        | \$ 1.15        | \$115.00        |
|                          |                                       |            |                | <b>\$651.00</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-27-1:** LOCATED IN THE NE-SE SECTION 27, WILLOW TOWNSHIP, 1450' SOUTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**SITE # WILLOW-26-3:** LOCATED IN THE SW-NW SECTION 26, WILLOW TOWNSHIP, 1400' SOUTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 100 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 100        | \$ 2.68        | \$268.00        |
|                          | 2. BANK SHAPING (LF)                  | 100        | \$ 2.68        | \$268.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 100        | \$ 1.15        | \$115.00        |
|                          |                                       |            |                | <b>\$651.00</b> |

**SITE # WILLOW-26-4:** LOCATED IN THE SW-NW SECTION 26, WILLOW TOWNSHIP, 1300' SOUTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 150 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 150        | \$ 2.68        | \$402.00        |
|                          | 2. BANK SHAPING (LF)                  | 150        | \$ 2.68        | \$402.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 150        | \$ 1.15        | \$172.50        |
|                          |                                       |            |                | <b>\$976.50</b> |

**SITE # WILLOW-26-5:** LOCATED IN THE SW-NW SECTION 26, WILLOW TOWNSHIP, 1200' SOUTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**SITE # WILLOW-26-6:** LOCATED IN THE NW-NW SECTION 26, WILLOW TOWNSHIP, 500' SOUTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 80 FT BANK SLIDE EAST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 80         | \$ 2.68        | \$214.40          |
|                          | 2. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00           |
|                          | 4. RIPRAP (TN)                        | 80         | \$ 50.00       | \$4,000.00        |
|                          |                                       |            |                | <b>\$4,520.80</b> |



**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-27-2:** LOCATED IN THE NE-NE SECTION 27, WILLOW TOWNSHIP, 80' SOUTH 320TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 60 FT BANK SLIDE WEST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 60         | \$ 2.68        | \$160.80          |
|                          | 2. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00           |
|                          | 4. RIPRAP (TN)                        | 60         | \$ 50.00       | \$3,000.00        |
|                          |                                       |            |                | <b>\$3,390.60</b> |

**SITE # WILLOW-26-7:** LOCATED IN THE NW-NW SECTION 26, WILLOW TOWNSHIP, 80' SOUTH 320TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 60 FT BANK SLIDE EAST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 60         | \$ 2.68        | \$160.80          |
|                          | 2. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00           |
|                          | 4. RIPRAP (TN)                        | 60         | \$ 50.00       | \$3,000.00        |
|                          |                                       |            |                | <b>\$3,390.60</b> |

**SITE # WILLOW-26-8:** LOCATED IN THE NW-NW SECTION 26, WILLOW TOWNSHIP, IN 320TH ST ROW

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**SITE # WILLOW-22-1:** LOCATED IN THE SE-SE SECTION 22 & SW-SW SECTION 23, WILLOW TOWNSHIP, 500' NORTH 320TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 40 FT BANK SLIDE BOTH SIDES OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 80         | \$ 2.68        | \$214.40          |
|                          | 2. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00           |
|                          | 4. RIPRAP (TN)                        | 80         | \$ 50.00       | \$4,000.00        |
|                          |                                       |            |                | <b>\$4,520.80</b> |

**SITE # WILLOW-22-2:** LOCATED IN THE SE-SE SECTION 22, WILLOW TOWNSHIP, 900' NORTH OF 320TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH AND IN CHANNEL

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.25       | \$ 150.00      | \$187.50        |
|                          |                    |            |                | <b>\$187.50</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-22-3:** LOCATED IN THE NE-SE SECTION 22 & NW-SW SECTION 23, WILLOW TOWNSHIP, 1300' NORTH 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 150 FT BANK SLIDE BOTH SIDES OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>       |
|--------------------------|---------------------------------------|------------|----------------|--------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 300        | \$ 2.68        | \$804.00           |
|                          | 2. BANK SHAPING (LF)                  | 300        | \$ 2.68        | \$804.00           |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 300        | \$ 1.15        | \$345.00           |
|                          | 4. RIPRAP (TN)                        | 300        | \$ 50.00       | \$15,000.00        |
|                          |                                       |            |                | <b>\$16,953.00</b> |

**SITE # WILLOW-23-1:** LOCATED IN THE NW-SW SECTION 23, WILLOW TOWNSHIP, 1300' NORTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH AND IN CHANNEL

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.50       | \$ 150.00      | \$225.00        |
|                          |                    |            |                | <b>\$225.00</b> |

**SITE # WILLOW-22-4:** LOCATED IN THE NE-SE SECTION 22, WILLOW TOWNSHIP, 1300' TO 1800' NORTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH AND IN CHANNEL

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION BETWEEN

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 2.50       | \$ 150.00      | \$375.00        |
|                          |                    |            |                | <b>\$375.00</b> |

**SITE # WILLOW-22-5:** LOCATED IN THE NE-SE SECTION 22, WILLOW TOWNSHIP, 1800' NORTH 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 40 FT LEVY WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** SHAPE SLOPE AND REPAIR WITH ONSITE SOIL

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF)                  | 40         | \$ 2.68        | \$107.20        |
|                          | 2. RESEEDING FOR EROSION CONTROL (LF) | 40         | \$ 1.15        | \$46.00         |
|                          |                                       |            |                | <b>\$153.20</b> |

**SITE # WILLOW-22-6:** LOCATED IN THE NE-SE SECTION 22, WILLOW TOWNSHIP, 1900' NORTH 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 60 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 60         | \$ 2.68        | \$160.80        |
|                          | 2. BANK SHAPING (LF)                  | 60         | \$ 2.68        | \$160.80        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 60         | \$ 1.15        | \$69.00         |
|                          |                                       |            |                | <b>\$390.60</b> |

**SITE # WILLOW-23-2:** LOCATED IN THE NW-SW SECTION 23, WILLOW TOWNSHIP, 2000' NORTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-22-7:** LOCATED IN THE SE-NE SECTION 22, WILLOW TOWNSHIP, 3200' NORTH 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 30 FT LEVY WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** SHAPE SLOPE AND REPAIR WITH ONSITE SOIL

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF)                  | 30         | \$ 2.68        | \$80.40         |
|                          | 2. RESEEDING FOR EROSION CONTROL (LF) | 30         | \$ 1.15        | \$34.50         |
|                          |                                       |            |                | <b>\$114.90</b> |

**SITE # WILLOW-22-8:** LOCATED IN THE SE-NE SECTION 22, WILLOW TOWNSHIP, 3300' NORTH OF 320TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.25       | \$ 150.00      | \$187.50        |
|                          |                    |            |                | <b>\$187.50</b> |

**SITE # WILLOW-23-3:** LOCATED IN THE NW-NW SECTION 23, WILLOW TOWNSHIP, 4800' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 75 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 75         | \$ 2.68        | \$201.00        |
|                          | 2. BANK SHAPING (LF)                  | 75         | \$ 2.68        | \$201.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 75         | \$ 1.15        | \$86.25         |
|                          |                                       |            |                | <b>\$488.25</b> |

**SITE # WILLOW-23-4:** LOCATED IN THE NW-NW SECTION 23, WILLOW TOWNSHIP, 3800' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**SITE # WILLOW-23-5:** LOCATED IN THE NW-NW SECTION 23, WILLOW TOWNSHIP, 3300' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**SITE # WILLOW-23-6:** LOCATED IN THE NW-NW SECTION 23, WILLOW TOWNSHIP, 3200' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 250 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 250        | \$ 2.68        | \$670.00          |
|                          | 2. BANK SHAPING (LF)                  | 250        | \$ 2.68        | \$670.00          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 250        | \$ 1.15        | \$287.50          |
|                          |                                       |            |                | <b>\$1,627.50</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-14-1:** LOCATED IN THE SE-SW SECTION 14, WILLOW TOWNSHIP, 3100' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 450 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 450        | \$ 2.68        | \$1,206.00        |
|                          | 2. BANK SHAPING (LF)                  | 450        | \$ 2.68        | \$1,206.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 450        | \$ 1.15        | \$517.50          |
|                          |                                       |            |                | <b>\$2,929.50</b> |

**SITE # WILLOW-14-2:** LOCATED IN THE SW-NW SECTION 14, WILLOW TOWNSHIP, 3100' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u> |
|--------------------------|--------------------|------------|----------------|--------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00      |
|                          |                    |            | <b>\$75.00</b> |              |

**SITE # WILLOW-14-3:** LOCATED IN THE SE-SW SECTION 14, WILLOW TOWNSHIP, 3100' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 90 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 90         | \$ 2.68        | \$241.20        |
|                          | 2. BANK SHAPING (LF)                  | 90         | \$ 2.68        | \$241.20        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 90         | \$ 1.15        | \$103.50        |
|                          |                                       |            |                | <b>\$585.90</b> |

**SITE # WILLOW-14-4:** LOCATED IN THE SW-SW SECTION 14, WILLOW TOWNSHIP, 2800' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u> |
|--------------------------|--------------------|------------|----------------|--------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.50       | \$ 150.00      | \$75.00      |
|                          |                    |            | <b>\$75.00</b> |              |

**SITE # WILLOW-14-5:** LOCATED IN THE SE-SW SECTION 14, WILLOW TOWNSHIP, 2750' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 200 FT TOE WASHOUT EAST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 200        | \$ 2.68        | \$536.00          |
|                          | 2. BANK SHAPING (LF)                  | 200        | \$ 2.68        | \$536.00          |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 200        | \$ 1.15        | \$230.00          |
|                          |                                       |            |                | <b>\$1,302.00</b> |

**SITE # WILLOW-14-6:** LOCATED IN THE SW-SW SECTION 14, WILLOW TOWNSHIP, 2700' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 80 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 80         | \$ 2.68        | \$214.40        |
|                          | 2. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00         |
|                          |                                       |            |                | <b>\$520.80</b> |



**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-14-7:** LOCATED IN THE NW-SW SECTION 14, WILLOW TOWNSHIP, 1300' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.25       | \$ 150.00      | \$187.50        |
|                          |                    |            |                | <b>\$187.50</b> |

**SITE # WILLOW-14-8:** LOCATED IN THE NE-SW SECTION 14, WILLOW TOWNSHIP, 1200' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.25       | \$ 150.00      | \$187.50        |
|                          |                    |            |                | <b>\$187.50</b> |

**SITE # WILLOW-14-9:** LOCATED IN THE NW-SW SECTION 14, WILLOW TOWNSHIP, 750' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 400 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|---------------------------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 400        | \$ 2.68        | \$1,072.00        |
|                          | 2. BANK SHAPING (LF)                  | 400        | \$ 2.68        | \$1,072.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 400        | \$ 1.15        | \$460.00          |
|                          |                                       |            |                | <b>\$2,604.00</b> |

**SITE # WILLOW-14-10:** LOCATED IN THE NW-SW SECTION 14, WILLOW TOWNSHIP, 650' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.75       | \$ 150.00      | \$112.50        |
|                          |                    |            |                | <b>\$112.50</b> |

**SITE # WILLOW-14-11:** LOCATED IN THE NW-SW SECTION 14, WILLOW TOWNSHIP, 600' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** 80 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 80         | \$ 2.68        | \$214.40        |
|                          | 2. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00         |
|                          |                                       |            |                | <b>\$520.80</b> |

**SITE # WILLOW-14-12:** LOCATED IN THE SE-NW SECTION 14, WILLOW TOWNSHIP, 120' SOUTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>   |
|--------------------------|--------------------|------------|----------------|----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.5        | \$ 150.00      | \$75.00        |
|                          |                    |            |                | <b>\$75.00</b> |

**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE # WILLOW-14-13:** LOCATED IN THE SW-NW SECTION 14, WILLOW TOWNSHIP, 80' SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 75 FT TOE WASHOUT WEST SIDE OF DITCH

**RECOMMENDATION:** EXCAVATE CHANNEL AND SHAPE SLOPE

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|---------------------------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 75         | \$ 2.68        | \$201.00        |
|                          | 2. BANK SHAPING (LF)                  | 75         | \$ 2.68        | \$201.00        |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 75         | \$ 1.15        | \$86.25         |
|                          |                                       |            |                | <b>\$488.25</b> |

**SITE # WILLOW-14-14:** LOCATED IN THE SW SECTION 14, WILLOW TOWNSHIP, IMMEDIATELY SOUTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** RILLING FROM OVERTOPPING OF THE WEST BANK EXTENDING APPROXIMATELY 2,800 FT

**RECOMMENDATION:** LEVEL SPOIL BANK

|                          | <u>DESCRIPTION</u>   | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|----------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF) | 2800       | \$ 2.68        | \$7,504.00        |
|                          |                      |            |                | <b>\$7,504.00</b> |

**SITE # WILLOW-14-15:** LOCATED IN THE SE-NW SECTION 14, WILLOW TOWNSHIP, IMMEDIATELY NORTH OF OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 1.0        | \$ 150.00      | \$150.00        |
|                          |                    |            |                | <b>\$150.00</b> |

**SITE # WILLOW-14-16:** LOCATED IN THE SE-NW SECTION 14, WILLOW TOWNSHIP, IMMEDIATELY NORTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** RILLING FROM OVERTOPPING OF THE EAST BANK EXTENDING APPROXIMATELY 800 FEET

**RECOMMENDATION:** LEVEL SPOIL BANK

|                          | <u>DESCRIPTION</u>   | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>      |
|--------------------------|----------------------|------------|----------------|-------------------|
| <b>ESTIMATE OF COST:</b> | 1. BANK SHAPING (LF) | 800        | \$ 2.68        | \$2,144.00        |
|                          |                      |            |                | <b>\$2,144.00</b> |

**SITE #: WILLOW-11-1:** LOCATED IN THE SE-SW SECTION 11, WILLOW TOWNSHIP, 2100' NORTH OLD HWY 141

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

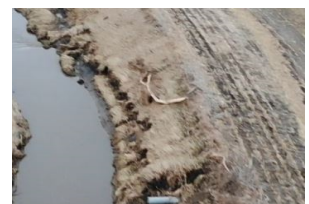
**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.75       | \$ 150.00      | \$112.50        |
|                          |                    |            |                | <b>\$112.50</b> |

**SITE #: WILLOW-11-2:** LOCATED IN THE NW-SW SECTION 11, WILLOW TOWNSHIP, 4500' SOUTH 290TH ST

**LAT/LONG:** LAT =  
LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.75       | \$ 150.00      | \$112.50        |
|                          |                    |            |                | <b>\$112.50</b> |

**WOLF CREEK DRAINAGE DISTRICT  
 WOODBURY COUNTY, IOWA  
 2019 FLOOD DAMAGE REPAIRS, DR-4421-IA**



**WILLOW TOWNSHIP, WOODBURY COUNTY, IOWA**

**SITE #: WILLOW-11-3:** LOCATED IN THE SE-NW SECTION 11, WILLOW TOWNSHIP, 2800' SOUTH 290TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS EAST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.75       | \$ 150.00      | \$112.50        |
|                          |                    |            |                | <b>\$112.50</b> |

**SITE #: WILLOW-11-4:** LOCATED IN THE NW-NE SECTION 11, WILLOW TOWNSHIP, 1000' SOUTH 290TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** DEBRIS DEPOSITED BY FLOOD WATERS WEST SIDE OF DITCH

**RECOMMENDATION:** BURN AND BURY WOODY VEGETATION

|                          | <u>DESCRIPTION</u> | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>    |
|--------------------------|--------------------|------------|----------------|-----------------|
| <b>ESTIMATE OF COST:</b> | 1. EXCAVATOR (HR)  | 0.75       | \$ 150.00      | \$112.50        |
|                          |                    |            |                | <b>\$112.50</b> |

**SITE # WILLOW-11-5:** LOCATED IN THE NW-NE SECTION 11, WILLOW TOWNSHIP, 650' SOUTH 290TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 80 FT BANK SLIDE EAST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>       |
|--------------------------|---------------------------------------|------------|----------------|--------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 80         | \$ 2.68        | \$214.40           |
|                          | 2. BANK SHAPING (LF)                  | 80         | \$ 2.68        | \$214.40           |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 80         | \$ 1.15        | \$92.00            |
|                          | 4. RIPRAP (TN)                        | 80         | \$ 50.00       | \$4,000.00         |
|                          |                                       |            |                | <b>\$ 4,520.80</b> |

**SITE # WILLOW-11-6:** LOCATED IN THE NW-NE SECTION 11, WILLOW TOWNSHIP, 600' SOUTH 290TH ST

**LAT/LONG:** LAT =  
 LONG =

**PHOTO:**



**DESCRIPTION OF DAMAGE:** 40 FT BANK SLIDE WEST SIDE OF DITCH

**RECOMMENDATION:** BANK STABILIZATION AND CHANNEL EXCAVATION

|                          | <u>DESCRIPTION</u>                    | <u>QTY</u> | <u>\$/UNIT</u> | <u>TOTAL</u>       |
|--------------------------|---------------------------------------|------------|----------------|--------------------|
| <b>ESTIMATE OF COST:</b> | 1. CHANNEL EXCAVATION (LF)            | 40         | \$ 2.68        | \$107.20           |
|                          | 2. BANK SHAPING (LF)                  | 40         | \$ 2.68        | \$107.20           |
|                          | 3. RESEEDING FOR EROSION CONTROL (LF) | 40         | \$ 1.15        | \$46.00            |
|                          | 4. RIPRAP (TN)                        | 40         | \$ 50.00       | \$2,000.00         |
|                          |                                       |            |                | <b>\$ 2,260.40</b> |

|                          |    |                  |
|--------------------------|----|------------------|
| <b>WOLF CREEK TOTAL</b>  | \$ | 95,456.25        |
| <b>WEBER CREEK TOTAL</b> | \$ | 689.40           |
| <b>GRAND TOTAL</b>       | \$ | <b>96,145.65</b> |

WOODBURY COUNTY, IOWA

RESOLUTION NO. \_\_\_\_\_

**PROCLAMATION**

**National Crime Victims' Rights Week, April 7-13, 2019**

**WHEREAS**, Americans are the victims of approximately 20 million crimes each year, affecting individuals and communities; and

**WHEREAS**, reaching and serving all victims of crime is essential to a thriving community, because those who receive holistic services and support are more likely to remain invested in their communities; and

**WHEREAS**, we must make a dedicated effort to expand the circle of those prepared to respond to victims and link them to the resources that can help them recover; and

**WHEREAS**, engaging a broader array of healthcare providers, community leaders, faith organizations, educators, and businesses can provide new links between victims and services that improve their safety, healing, and access to justice; and

**WHEREAS**, National Crime Victims' Rights Week provides an opportunity to recommit to ensuring that all victims of crime, especially those who are challenging to reach or serve, are afforded their rights and receive a trauma-informed response; and

**WHEREAS**, the Woodbury County Domestic Violence Workgroup is hereby dedicated to strengthening victims and survivors in the aftermath of crime, building resilience in our communities and our victim responders, and working for justice for all victims and survivors.

**NOW, THEREFORE, BE IT RESOLVED THAT** the Woodbury County Board of Supervisors does hereby proclaim the week of April 7-13, 2019, as Crime Victims' Rights Week and reaffirm this county's commitment to creating a victim service and criminal justice response that assists all victims of crime; and to express our sincere gratitude and appreciation for those community members, victim service providers, and criminal justice professionals who are committed to improving our response to all victims of crime so that they may find relevant assistance, support, justice, and peace.

**DATED** this 9<sup>th</sup> day of April 2019.

\_\_\_\_\_  
Keith Radig, Chairperson

\_\_\_\_\_  
Jeremy Taylor, Member

\_\_\_\_\_  
Matthew Ung, Member

\_\_\_\_\_  
Marty Pottebaum, Member

\_\_\_\_\_  
Rocky Dewitt, Member

\_\_\_\_\_  
Attest: Patrick F. Gill, Woodbury County Auditor



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

**#10**

Date: 4/2/2019 Weekly Agenda Date: 04/09/2019

**ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN:** John Malloy, WCICC-IT

**WORDING FOR AGENDA ITEM:**

Approval to Upgrade Current Door Security Controllers and Millennium Enterprise Software

**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 checked="" type="checkbox"/>    |

**EXECUTIVE SUMMARY:**

WCICC-IT is requesting funding to upgrade all of the current door security controller hardware and Millennium Enterprise Software that is no longer supported by the manufacturer.

**BACKGROUND:**

The door security controllers and Millennium software being utilized at The Security Institute, Trospen Hoyt, Courthouse and Law Enforcement Center are no longer supported by the manufacturer. Therefore, an upgrade to the door controllers and new Millennium Ultra software is needed. The attached quote from Thompson Innovation include the following upgrades for each location: Door Control Device, Millennium Ultra Software, Database Conversion, Compatibility Kit, Add-On Readers and Software Maintenance.

**FINANCIAL IMPACT:**

\$16,092.20 - funding is allocated from 2019 CIP 9102-19 BREAK

**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:**

WCICC-IT recommends the approval to upgrade all of the current door security controller hardware and Millennium Enterprise Software that is no longer supported by the manufacturer.

**ACTION REQUIRED / PROPOSED MOTION:**

Discussion and action to approve the upgrade to all current door security controller hardware and Millennium Enterprise Software.



866.258.8462  
 2300 7th St.  
 Sioux City, IA 51105  
 www.thompsoninnovation.com

|         |                         |
|---------|-------------------------|
| Date:   | Tuesday, April 02, 2019 |
| Attn:   | Bob Heien               |
| Phone:  |                         |
| E-Mail: | bheien@wcicc.com        |
| Fax:    |                         |

|                                     |                                                      |
|-------------------------------------|------------------------------------------------------|
| Ship To: Woodbury County Courthouse | Bill To: Woodbury County Court House                 |
| Street: 620 Douglas Street          | Street: Woodbury County Bldg Services- Kenny Schmitz |
| Street 2:                           | Street 2: 620 Douglas St                             |
| City: Sioux City                    | City: Sioux City                                     |
| State: IA Zip: 51101                | State: IA Zip: 51101                                 |

| Qty | Material Description                                                                         |
|-----|----------------------------------------------------------------------------------------------|
| 1   | Software Upgrade to Ultra for 64 Door with Software Maintenance Support Agreement for 1 year |
| 1   | Database Conversion                                                                          |
| 4   | Millennium Enhanced Site Control Unit (ESCU)                                                 |
| 41  | Millennium Eprom/Firmware for Door Control Device                                            |

|                   |                    |
|-------------------|--------------------|
| Total Sales Price | \$16,092.20        |
| Sales Tax         | \$0.00             |
| <b>Total</b>      | <b>\$16,092.20</b> |

**Description of Installation Services**  
 Proposal to upgrade current Millennium Enterprise software that will no longer be supported by Manufacturer to new Millennium Ultra software with upgraded features for existing sites Courthouse 18 Doors, LEC 19 Doors, Trospen Hoyt 2 Doors and Security Institute 2 Doors. Includes listed material for upgrade, 1 year of software support, and labor to get new software loaded.

I have reviewed the above estimate and am authorizing purchase of said services and / or products. Labor costs are estimates assuming normal installation. Should issues arise requiring significant additional labor, it will be billed at Thompson Innovation's normal hourly rate.

|                                   |             |
|-----------------------------------|-------------|
| Client Approval Signature         | Date        |
| <br>                              | <br>        |
| Karen Kuehl - Thompson Innovation | Date 4.2.19 |

Any use tax due on materials purchased by Thompson Innovation is included in the price above. **Applicable sales tax will be added to invoices as issued.** This quotation constitutes an offer to sell which expressly limits acceptance to the terms of this offer accompanying this quotation. This offer shall be valid for a period of thirty (30) days from the date of this offer. All invoices are Net 30 Days from date of invoice with an active credit account. Past due invoices will be assessed 1.5% interest per month on the unpaid balance. Thompson Innovation reserves the right to withhold services when an account is past due. Changes to the scope of work require agreement by the customer and Thompson Innovation. A minimum of 25% restocking fee will be charged on returnable material. Material must be returned within 15 days of installation.

**WARRANTY**  
 Thompson Innovation facilitates a manufacturer's warranty of hardware or software for one year from installation unless otherwise specified. After 90 days, labor to replace defective hardware or software during the manufacturer's warranty will be billed out at normal rates. Equipment not installed by Thompson Innovation is not covered under this warranty. Acts of God, fire, violence, abuse, negligence, and intrusion of equipment or software are not covered by Thompson Innovation's warranty.

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

Date: 4/03/2019 Weekly Agenda Date: 4/12/2019

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

**WORDING FOR AGENDA ITEM:**

Consider approval of a detour agreement with the Iowa Department of Transportation for the Iowa Highway 141 Bridge Replacement Project

**ACTION REQUIRED:**

Approve Ordinance       Approve Resolution       Approve Motion

Public Hearing       Other: Informational       Attachments

**EXECUTIVE SUMMARY:**

The Iowa DOT has requested to use county routes K67, D25, and K64 as a detour for a bridge replacement project on Iowa Highway 141 during the 2020 construction year.

**BACKGROUND:**

The DOT has programmed the replacement of the Iowa 141 bridge over Wolf Creek in 2020. The highway will be closed to through traffic during construction. The Iowa DOT will make the intersection of K67 and D25 (Old 141) a temporary 4 way stop intersection to promote safety during the use of the detour route. Construction is estimated to take from March 1 to November 30, 2020.

**FINANCIAL IMPACT:**

There is no cost to the county. The county will receive a damage payment for use of the road as a detour at the completion of the project per Iowa DOT detour policy.

**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 approve the detour agreement with the Iowa DOT for the Highway 141 bridge project and direct the chair to sign the agreement.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion that the board approve the project agreement with Iowa DOT for the Highway 141 bridge project and direct the chair to sign the agreement.



### AGREEMENT FOR USE OF LOCAL AGENCY ROADS AS DETOURS

This Agreement is entered into by and between the Iowa Department of Transportation, hereinafter known as the Department; and the Woodbury County , hereinafter known as the Local Public Agency (LPA).

WHEREAS, the Department has determined the necessity to temporarily close primary highway IA141 from K-64/Hornick to K-67/Hancock Ave. for the purpose of construction, reconstruction, maintenance, natural disasters, or other emergencies; and

WHEREAS, it is necessary to provide a detour for the primary highway closure period; and

WHEREAS, the LPA agrees to permit the use of its roads as a detour, more particularly described as follows:

Beginning at the intersection of IA141 and K-64/Hornick; thence north 3.6 miles on K-64 (Grundy Ave. & 300<sup>th</sup> St.) to the intersection of K-64 and D-25/old IA141; thence east 2.25 miles on D-25/old IA141 to the intersection of D-25/old IA141 and K-67/Hancock Ave.; thence south 2.3 miles on K-67/Hancock Ave to the intersection of K-67/Hancock Ave. and IA141. project # BRFN-141-1(40)--39-97 ; and

WHEREAS, Authorized representatives of both the Department and the LPA shall jointly execute and sign a written report concerning the condition of the proposed detour, after jointly inspecting said road, the subject of the proposed detour; said report to be in sufficient detail as to reasonably reflect the condition of the roadway base, surface, shoulders and bridges; and

WHEREAS, the Department will inspect the bridges on the detour route and determine the maximum vehicle weight (up to 156,000 pounds) that can be safely carried on these bridges and submit this information to the LPA for its review. The LPA may choose to restrict detour traffic to only vehicles of legal weight or size. If the LPA allows oversize or overweight loads, it shall notify the Department in writing. The Department shall approve the routing of overweight vehicles on the detour route, up to the limits specified by the LPA; and

WHEREAS, the Department agrees to perform the following pre-detour maintenance, if any: detour signing and paint markings, per MUTCD ; and

WHEREAS, the Department agrees to maintain the detour and provide all traffic control devices required by the Manual of Uniform Traffic Control Devices (MUTCD), as adopted by the Department pursuant to 761 IAC 130, including the marking of no-passing zones during the period the local agency road(s) and structure(s) are being utilized as a primary road detour; and

WHEREAS, Prior to revocation of the detour, the Department shall restore the local agency road to as good condition as it was prior to its designation as a temporary primary road, or adequately compensate the local agency for excessive traffic upon the local agency road during the period it was used as a temporary primary road, in accordance with Section 313.28 or Section 313.29 of the Iowa Code and Iowa DOT Policy 600.05; and

WHEREAS, The detour period is estimated to begin March 1, 2020 and end November 30, 2020 ; and  
(date) (date)

WHEREAS, the parties agree to the following additional provisions, if any: \_\_\_\_\_

NOW, THEREFORE, BE IT AGREED that the described road be used as a detour under stipulations outlined above.

IN WITNESS WHEREOF, The parties hereto have caused this agreement to be executed by proper officers thereunto duly authorized as of the dates below indicated.

\_\_\_\_\_  
District Engineer Date  
Iowa Department of Transportation

\_\_\_\_\_  
City representative Date

\_\_\_\_\_  
Printed name and title of city representative

\_\_\_\_\_  
County representative Date

\_\_\_\_\_  
Printed name and title of county representative



**AGREEMENT FOR USE OF LOCAL AGENCY ROADS AS DETOURS**

This Agreement is entered into by and between the Iowa Department of Transportation, hereinafter known as the Department; and the Woodbury County, hereinafter known as the Local Public Agency (LPA).

WHEREAS, the Department has determined the necessity to temporarily close primary highway IA141 from K-64/Hornick to K-67/Hancock Ave. for the purpose of construction, reconstruction, maintenance, natural disasters, or other emergencies; and

WHEREAS, it is necessary to provide a detour for the primary highway closure period; and

WHEREAS, the LPA agrees to permit the use of its roads as a detour, more particularly described as follows:

Beginning at the intersection of IA141 and K-64/Hornick; thence north 3.6 miles on K-64 (Grundy Ave. & 300<sup>th</sup> St.) to the intersection of K-64 and D-25/old IA141; thence east 2.25 miles on D-25/old IA141 to the intersection of D-25/old IA141 and K-67/Hancock Ave.; thence south 2.3 miles on K-67/Hancock Ave to the intersection of K-67/Hancock Ave. and IA141. project # BRFN-141-1(40)--39-97 ; and

WHEREAS, Authorized representatives of both the Department and the LPA shall jointly execute and sign a written report concerning the condition of the proposed detour, after jointly inspecting said road, the subject of the proposed detour; said report to be in sufficient detail as to reasonably reflect the condition of the roadway base, surface, shoulders and bridges; and

WHEREAS, the Department will inspect the bridges on the detour route and determine the maximum vehicle weight (up to 156,000 pounds) that can be safely carried on these bridges and submit this information to the LPA for its review. The LPA may choose to restrict detour traffic to only vehicles of legal weight or size. If the LPA allows oversize or overweight loads, it shall notify the Department in writing. The Department shall approve the routing of overweight vehicles on the detour route, up to the limits specified by the LPA; and

WHEREAS, the Department agrees to perform the following pre-detour maintenance, if any: detour signing and paint markings, per MUTCD ; and

WHEREAS, the Department agrees to maintain the detour and provide all traffic control devices required by the Manual of Uniform Traffic Control Devices (MUTCD), as adopted by the Department pursuant to 761 IAC 130, including the marking of no-passing zones during the period the local agency road(s) and structure(s) are being utilized as a primary road detour; and

WHEREAS, Prior to revocation of the detour, the Department shall restore the local agency road to as good condition as it was prior to its designation as a temporary primary road, or adequately compensate the local agency for excessive traffic upon the local agency road during the period it was used as a temporary primary road, in accordance with Section 313.28 or Section 313.29 of the Iowa Code and Iowa DOT Policy 600.05; and

WHEREAS, The detour period is estimated to begin March 1, 2020 and end November 30, 2020 ; and  
(date) (date)

WHEREAS, the parties agree to the following additional provisions, if any: \_\_\_\_\_

NOW, THEREFORE, BE IT AGREED that the described road be used as a detour under stipulations outlined above.

IN WITNESS WHEREOF, The parties hereto have caused this agreement to be executed by proper officers thereunto duly authorized as of the dates below indicated.

\_\_\_\_\_  
District Engineer Date  
Iowa Department of Transportation

\_\_\_\_\_  
City representative Date

\_\_\_\_\_  
Printed name and title of city representative

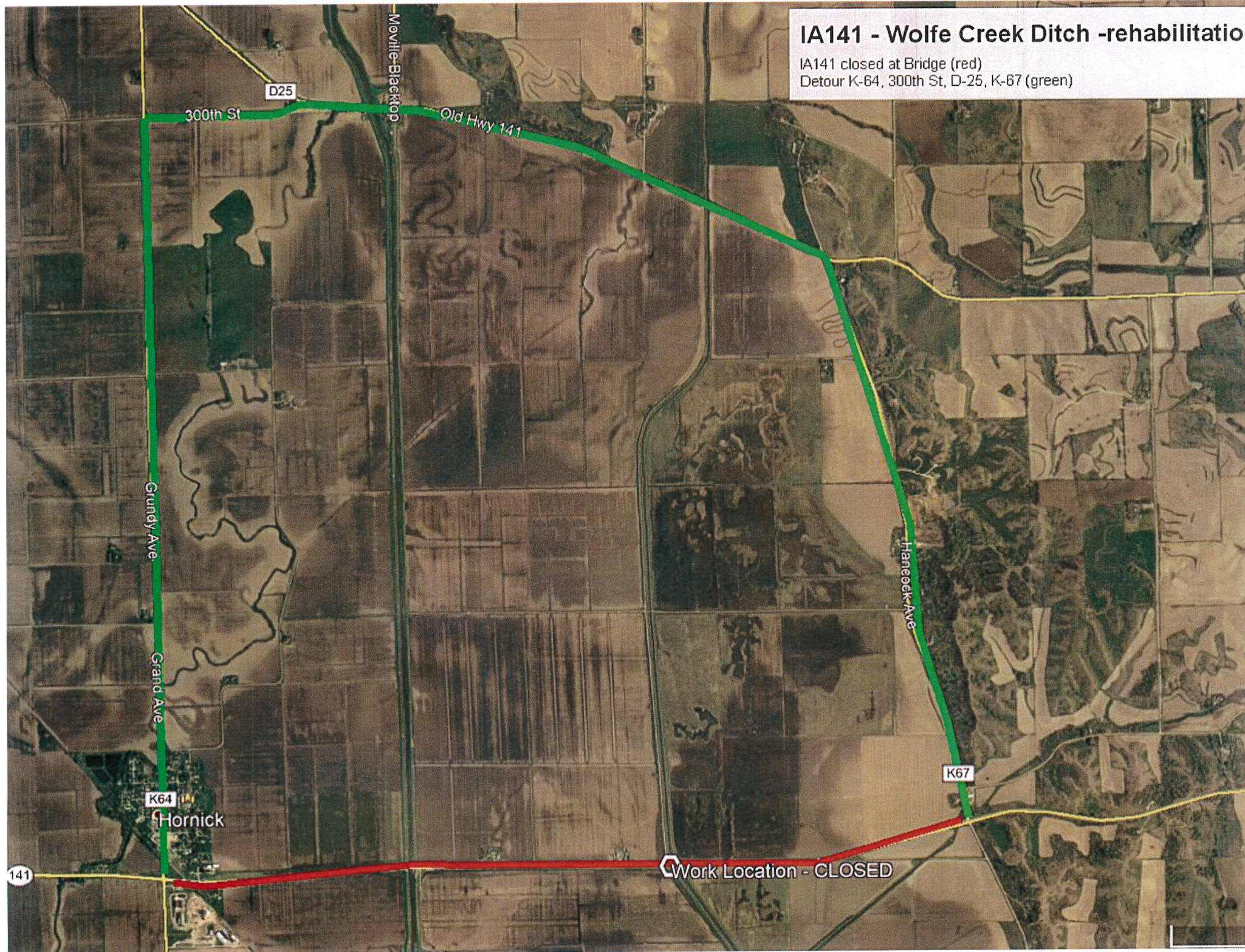
\_\_\_\_\_  
County representative Date

\_\_\_\_\_  
Printed name and title of county representative



# IA141 - Wolfe Creek Ditch -rehabilitation

IA141 closed at Bridge (red)  
Detour K-64, 300th St, D-25, K-67 (green)



141

D25

300th St

Meville-Blacktop

Old Hwy 141

Gundy Ave

Grand Ave

K64

Hornick

Haneek Ave

K67

Work Location - CLOSED



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

**#11b**

Date: 4/03/2019 Weekly Agenda Date: 4/12/2019

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

**WORDING FOR AGENDA ITEM:**

Approve contract for CP-2019, Annual Corrugated Metal Pipe Purchases

**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 checked="" type="checkbox"/>    |

**EXECUTIVE SUMMARY:**

The county requested quotes for a supply of corrugated metal pipes for stock and projects. Quotes were received and awarded to the low bidder. Contracts have been returned for board approval.

**BACKGROUND:**

The secondary road department annually requests quotes for corrugated metal pipes for use in driveways and under county roads. The board awarded to the low quote to Metal Culverts of Jefferson City, MO on March 26, 2019.

**FINANCIAL IMPACT:**

The rehabilitation project is paid for with Woodbury County local secondary road funds.

**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 approve the contract with Metal Culverts for \$116,239.61.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion that the board approve the contract with Metal Culverts for \$116,239.61.

Project No. CP-2019  
County Woodbury

## MATERIAL CONTRACT

THIS AGREEMENT made and entered into by and between Woodbury County, by its Board of Supervisors, consisting of the following members: Keith Radig, Rocky DeWitt, Matthew Ung, Jeremy Taylor, and Marty Pottebaum,

party of the first part, and Metal Culverts Inc.  
of Jefferson City, MO, party of the second part.

WITNESSETH: That the party of the second part, for and in consideration of -----  
One Hundred Sixteen Thousand Two Hundred Thirty Nine Dollars and 61/100 Dollars  
(\$116,239.61) payable as set forth in the specifications constituting a part of this contract, hereby agrees to furnish f.o.b. the locations as designated in the Instruction to Bidders, and within the time specified therein the various items of material listed below as follows: Complete delivery of all materials on or before the 1st day of June 2019 (Corrugated metal culvert pipe per letting date March 26, 2019).

| Item No. | Description                      | Quantities Total Lin. Ft. | Unit Price Dollars   | Dollar Amount       |
|----------|----------------------------------|---------------------------|----------------------|---------------------|
| 1.       | 24" Culvert Pipe                 | 2,236 L.F.                | \$22.62 Per Lin. Ft. | \$ 50,578.32        |
| 2.       | 30" Culvert Pipe                 | 434 L.F.                  | \$27.78 Per Lin Ft.  | \$ 12,056.52        |
| 3.       | 36" Culvert Pipe                 | 320 L. F.                 | \$33.13 Per Lin Ft.  | \$ 10,601.60        |
| 4.       | Safety Aprons 6:1 Slope 24" Diam | 8 Each                    | \$799.50 each        | \$ 6,396.00         |
| 5.       | Special Pipe 2019-1              | 1 L. S.                   | \$1,262.50           | \$ 1,262.50         |
| 6.       | Special Pipe 2019-2              | 1 L. S.                   | \$2,552.02           | \$ 2,552.02         |
| 7.       | Special Pipe 2019-3              | 1 L. S.                   | \$ 954.05            | \$ 954.05           |
| 8.       | Special Pipe 2019-4              | 1 L. S.                   | \$3,690.00           | \$ 3,690.00         |
| 9.       | Special Pipe 2019-5              | 1 L. S.                   | \$7,520.00           | \$ 7,520.00         |
| 10.      | Special Pipe 2019-6              | 1 L. S.                   | \$18,051.80          | \$ 18,051.80        |
| 11.      | Special Pipe 2019-7              | 1 L. S.                   | \$1,649.00           | \$ 1,649.00         |
| 12.      | Special Pipe 2019-8              | 1 L. S.                   | \$ 927.80            | \$ 927.80           |
|          |                                  |                           | <b>TOTAL</b>         | <b>\$116,239.61</b> |

NOTE: Fabricated lengths and delivery sites will be per LETTING NOTICE Sheets 4 through 12

That at the option of the Party of the First Part, the amounts of materials may be increased or decrease within thirty (30) days from date thereof, not to exceed ten (10) per cent, without invalidating this contract. Department of Transportation

That the Proposal, Instructions to Bidders, specific Contract and the Specifications of the Iowa Department of Transportation date of Series, 2015 covering the various kinds or classes of material herein specified, are and constitute the contract between the parties hereto, and that all material furnished shall comply with requirements thereof.

That the dates of delivery specified in the Proposal are of the essence of this contract and a failure to make delivery by the specified date of delivery shall constitute a breach of this contract, and the Party of the First Part may thereafter purchase such material at its option, and the difference in cost, if any, between the amounts so paid for the material and the contract price for the same shall constitute the measure of damage to be paid by the Party of the Second Part to the Party of the First Part for such breach.

That in consideration of the foregoing, the Party of the First Part agrees to inspect all material promptly upon delivery and to pay to the Party of the Second Part the sums as set forth in the contract promptly after the inspection and acceptance of the material.

In WITNESS WHEREOF, the parties hereto have set their hands for the purpose herein expressed, to this and three other instruments of like tenor, this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

Woodbury County, Iowa  
Party of the First Part

By \_\_\_\_\_  
Keith Radig, Chairman  
Metal Culverts Inc.

By Kevin Bailey - Sales Rep.



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

**#11c**

Date: 4/3/2018 Weekly Agenda Date: 4/9/2018

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

**WORDING FOR AGENDA ITEM:**

Consider approval of Iowa DOT Budget for FY 2020

**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 checked="" type="checkbox"/>    |

**EXECUTIVE SUMMARY:**

Annually the Board of Supervisors, in consultation with the county engineer, is required to file a budget for secondary road fund expenditures.

**BACKGROUND:**

The Board of Supervisors approved the county budget on March 12, 2019. The secondary road budget was approved as part of this process. The fiscal year budget is required by the Code of Iowa to be submitted to the Iowa DOT for approval.

**FINANCIAL IMPACT:**

This budget reports to the Iowa DOT planned expenditures and income for the secondary road department.

**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:**

I recommend approval of the FY 2020 Woodbury County Secondary Road Department Budget to be submitted to the Iowa DOT.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to approve the FY 2020 Woodbury County Secondary Road Department Budget.

# Iowa Department of Transportation

|  |                                  |                     |                        |
|--|----------------------------------|---------------------|------------------------|
|  | <b>SECONDARY ROAD<br/>BUDGET</b> | <b>County:</b>      | <b>Woodbury County</b> |
|  |                                  | <b>Fiscal Year:</b> | <b>2020</b>            |
|  |                                  | <b>Version:</b>     | <b>Original</b>        |

|                                                                                                                            |                                   |       |  |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------|--|
| <b>COUNTY CERTIFICATION</b>                                                                                                |                                   |       |  |
| This Secondary Road Budget was adopted by the Board of Supervisors on _____<br><div style="text-align: center;">Date</div> |                                   |       |  |
| <b>ATTESTED</b>                                                                                                            |                                   |       |  |
| _____                                                                                                                      |                                   | _____ |  |
| County Auditor                                                                                                             |                                   | Date  |  |
| _____                                                                                                                      |                                   | _____ |  |
| County Engineer                                                                                                            |                                   | Date  |  |
| _____                                                                                                                      |                                   | _____ |  |
| Chairperson, Board of Supervisors                                                                                          |                                   | Date  |  |
| <b>IOWA DOT BUDGET APPROVALS</b>                                                                                           |                                   |       |  |
| Recommended Approval:                                                                                                      | _____                             | _____ |  |
|                                                                                                                            | OLS Reviewer                      | Date  |  |
| Approved:                                                                                                                  | _____                             | _____ |  |
|                                                                                                                            | Director, Office of Local Systems | Date  |  |

F. Y. **2020** SECONDARY ROAD BUDGET for **Woodbury County**  
Original

|                                                                                                                             |                                                                                                                          | Actual Receipts Prior Years |                       | Estimated Receipts  |                     |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|---------------------|---------------------|
|                                                                                                                             |                                                                                                                          | 2 <sup>nd</sup> Prior       | 1 <sup>st</sup> Prior | Current             | Next                |
|                                                                                                                             |                                                                                                                          | From: 01-Jul-2016           | From: 01-Jul-2017     | From: 01-Jul-2018   | From: 01-Jul-2019   |
|                                                                                                                             |                                                                                                                          | To: 30-Jun-2017             | To: 30-Jun-2018       | To: 30-Jun-2019     | To: 30-Jun-2020     |
| 1. County Auditor's Secondary Road Fund Beginning Balance                                                                   |                                                                                                                          | \$3,507,981                 | \$5,051,987           | \$6,055,688         | \$4,850,085         |
| 2. Receipts from Property Tax Levies                                                                                        | <b>1.13614</b> Dollars on all taxable property in county except on that within cities and towns. (Rural Basic levy rate) | \$2,475,381                 | \$2,328,000           | \$1,100,000         | \$1,450,000         |
|                                                                                                                             | <b>0.00000</b> Dollars on all taxable property in (General Basic levy rate)                                              |                             |                       |                     |                     |
| 2A. Local Option Sales Tax                                                                                                  |                                                                                                                          | \$2,364,743                 | \$2,063,694           | \$2,065,000         | \$2,056,000         |
| 3. Regular Road Use Tax Received                                                                                            |                                                                                                                          | \$5,482,082                 | \$5,241,381           | \$5,159,439         | \$5,079,068         |
| (Don't include transfer of local R.U.T. to FM account for const. on FM routes)                                              |                                                                                                                          |                             |                       |                     |                     |
| 3b. Amount for 306.4(a3)                                                                                                    |                                                                                                                          | \$58,409                    | \$60,031              | \$57,165            | \$57,165            |
| (Senate File 451 - FM Ext. in City <=500)                                                                                   |                                                                                                                          |                             |                       |                     |                     |
| 3c. Time 21                                                                                                                 |                                                                                                                          | \$531,855                   | \$799,872             | \$647,005           | \$703,191           |
| 4. RISE Funds                                                                                                               |                                                                                                                          | \$493,770                   | \$711,503             | \$0                 | \$0                 |
| 5. Bridge Replacement Funds                                                                                                 |                                                                                                                          | \$36,732                    | \$94,522              | \$0                 | \$750,000           |
| 6. Proposed transfer of FM funds to Local Secondary Fund. (Section 309.10 - Code of Iowa)                                   |                                                                                                                          | \$0                         | \$0                   | \$0                 | \$0                 |
| 7. Tax Refunds (-) and/or Credits (+). (Section 309.10 - Code of Iowa)                                                      |                                                                                                                          | \$6,315                     | \$0                   | \$0                 | \$0                 |
| 8. Miscellaneous Receipts                                                                                                   | FEMA                                                                                                                     | \$1,770,849                 | \$211,911             | \$30,000            | \$310,500           |
|                                                                                                                             | Permits                                                                                                                  | \$0                         | \$0                   | \$30,000            | \$33,000            |
| Donations, sale of used materials, Special Assessments, etc.                                                                | Used materials                                                                                                           | \$0                         | \$0                   | \$100,000           | \$11,000            |
|                                                                                                                             | Reimbursement                                                                                                            | \$0                         | \$0                   | \$150,000           | \$120,000           |
|                                                                                                                             | UST/Misc.                                                                                                                | \$0                         | \$0                   | \$90,000            | \$30,000            |
| Itemize for Next Year                                                                                                       |                                                                                                                          | \$0                         | \$0                   | \$30,000            | \$0                 |
| 9. Total of Miscellaneous Receipts (Sum of 7a through 7f)                                                                   |                                                                                                                          | \$1,770,849                 | \$211,911             | \$430,000           | \$504,500           |
| 10. TOTAL RECEIPTS (Add Lines 1, 2, 3, 4, 5, 6, & 8)                                                                        |                                                                                                                          | <b>\$16,728,117</b>         | <b>\$16,562,901</b>   | <b>\$15,514,297</b> | <b>\$15,450,009</b> |
| 11. Road Use Tax Funds transferred or to be transferred by State Treasurer, at county request, to FM fund for construction. |                                                                                                                          | \$0                         | \$0                   | \$0                 | \$0                 |

F. Y. **2020** SECONDARY ROAD BUDGET for **Woodbury County** COUNTY  
**Original**

| Summary of Actual and Proposed Expenditures       | Actual Expenditures Prior Years      |                                      | Estimated Expenditures               |                                      |
|---------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|                                                   | 2 <sup>nd</sup> Prior                | 1 <sup>st</sup> Prior                | Current                              | Next                                 |
|                                                   | From: 01-Jul-2016<br>To: 30-Jun-2017 | From: 01-Jul-2017<br>To: 30-Jun-2018 | From: 01-Jul-2018<br>To: 30-Jun-2019 | From: 01-Jul-2019<br>To: 30-Jun-2020 |
| <b>70X * Administration and Engineering</b>       |                                      |                                      |                                      |                                      |
| 700 Administration Expenditures (100)             | \$274,910                            | \$272,661                            | \$298,909                            | \$312,500                            |
| 701 Engineering Expenditures (100)                | \$746,501                            | \$751,515                            | \$869,660                            | \$863,300                            |
| <b>TOTAL - ADMINISTRATION &amp; ENGINEERING :</b> | <b>\$1,021,411</b>                   | <b>\$1,024,176</b>                   | <b>\$1,168,569</b>                   | <b>\$1,175,800</b>                   |

**020 \* Construction**

|                                                                                                                                               |                    |                    |                    |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
| Adjusted Construction Program Expenditures (300) on FM and Local Sec. Roads<br>(With other than FM funds ---See Accomplishment Year projects) | <b>\$3,796,741</b> | <b>\$1,733,469</b> | <b>\$2,200,000</b> | <b>\$4,750,000</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|

**71X \* Roadway Maintenance**

|                                      |                    |                    |                    |                    |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|
| 710 Bridges and Culverts (420, 430)  | \$0                | \$376,307          | \$265,215          | \$319,800          |
| 711 Roads (4250, 460, 480)           | \$3,255,402        | \$3,542,508        | \$3,029,768        | \$3,032,500        |
| 712 Snow and Ice Control (520)       | \$340,266          | \$533,302          | \$441,324          | \$458,700          |
| 713 Traffic Controls (590)           | \$323,653          | \$256,782          | \$332,564          | \$337,400          |
| 714 Road Clearing (490)              | \$289,776          | \$244,865          | \$274,259          | \$285,100          |
| <b>TOTAL - ROADWAY MAINTENANCE :</b> | <b>\$4,209,097</b> | <b>\$4,953,764</b> | <b>\$4,343,130</b> | <b>\$4,433,500</b> |

**72X \* General Roadway**

|                                                             |                    |                    |                    |                    |
|-------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
| 720 New Equipment (610)                                     | \$826,134          | \$812,369          | \$801,000          | \$962,000          |
| 721 Equipment Operations (620, 630, 650)                    | \$1,605,345        | \$1,665,767        | \$1,779,513        | \$1,806,200        |
| 722 Tools, Materials and Supplies (655, 660, 670, 680, 690) | \$129,859          | \$97,024           | \$192,000          | \$142,000          |
| 723 Real Estate and Buildings (800)                         | \$87,543           | \$220,644          | \$180,000          | \$180,000          |
| <b>TOTAL - GENERAL ROADWAY :</b>                            | <b>\$2,648,881</b> | <b>\$2,795,804</b> | <b>\$2,952,513</b> | <b>\$3,090,200</b> |

|                                                                                           |                     |                     |                     |                     |
|-------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|
| <b>TOTAL EXPENDITURES (70X + 020 + 71X + 72X)</b>                                         | <b>\$11,676,130</b> | <b>\$10,507,213</b> | <b>\$10,664,212</b> | <b>\$13,449,500</b> |
| County Auditor's Bal. of Sec. Road Fund at end of Fiscal Year                             | \$5,051,987         | \$6,055,688         | \$4,850,085         | \$2,000,509         |
| <b>TOTAL (Must equal receipts) [Does not include transfer of Road Use Tax to FM Fund]</b> | <b>\$16,728,117</b> | <b>\$16,562,901</b> | <b>\$15,514,297</b> | <b>\$15,450,009</b> |

\* Control items

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

#11d

Date: 4/3/2018 Weekly Agenda Date: 4/9/2018

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

**WORDING FOR AGENDA ITEM:**

Consider approval of FY 2020 Woodbury County Five Year Construction Program

**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 checked="" type="checkbox"/>    |

**EXECUTIVE SUMMARY:**

Annually the Board of Supervisors, in consultation with the county engineer, is required to file a five year construction program for the secondary road department.

**BACKGROUND:**

The county construction program lays out projects for fiscal years 2020 through 2024. The projects include federal aid, farm to market and locally funded road construction, paving, bridge and culvert projects.

**FINANCIAL IMPACT:**

This program reports to the Iowa DOT planned projects for the secondary road department.

**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:**

I recommend approval of the FY 2020 Woodbury County Secondary Road Department Five Year Construction Program to be submitted to the Iowa DOT.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to approve the FY 2020 Woodbury County Secondary Road Department Five Year Construction Program.

Iowa Department of Transportation  
**SECONDARY ROAD  
CONSTRUCTION PROGRAM**

County: Woodbury County

Fiscal Year: 2020

Version: Original

| COUNTY CERTIFICATION                                                                                              |               |
|-------------------------------------------------------------------------------------------------------------------|---------------|
| The detailed construction program for the secondary road system was adopted by the Board of Supervisors on _____. |               |
|                                                                                                                   | Date          |
| ATTESTED                                                                                                          |               |
| _____<br>County Auditor                                                                                           | _____<br>Date |
| _____<br>County Engineer                                                                                          | _____<br>Date |
| _____<br>Chairperson, Board of Supervisors                                                                        | _____<br>Date |
| IOWA DOT PROGRAM APPROVALS                                                                                        |               |
| Recommend Approval: _____<br>OLS Reviewer                                                                         | _____<br>Date |
| Approval: _____<br>Director of Local Systems                                                                      | _____<br>Date |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                                                        | Location<br>Description of Work<br>Section-Town-Range                                                                                                                                                                                  | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund     | Accomp<br>Year | Priority Years |             |             |             | \$ Total<br>Notes: |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|----------|----------------|----------------|-------------|-------------|-------------|--------------------|
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           |          | FY:<br>2020    | FY:<br>2021    | FY:<br>2022 | FY:<br>2023 | FY:<br>2024 |                    |
| BROS-SWAP-C097(135)--<br>FE-97<br>Hancock Avenue H266<br>Bridge Replacement<br><br>TPMS ID: 32651 | On K67, Over WOLF CREEK, from 210th<br>Street south 0.2 Miles to 220th Street,<br>on WLINE S36 T88 R45<br>Replace existing bridge with a new CCS<br>Bridge. Bridge H266.<br>S36-T88-R45                                                | 60 - 60<br>0<br>353910   | FM<br>Previous             | \$0<br>320 - Bridges                      | LCL      |                |                |             |             |             | \$700              |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FM       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SPC      |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FA       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SWAP-HBP | SWAP           | 700            |             |             |             |                    |
| BROS-SWAP-C097(H203)--<br>SE-97<br>200th Street Bridge over<br>West Fork<br><br>TPMS ID: 35105    | On 200TH ST, Over WEST FORK LITTLE<br>SIOUX, from Grundy Avenue East to<br>Moville Blacktop, in NE S28 T88 R45<br><br>S28-T88-R45                                                                                                      | 50 - 50<br>0.1<br>353851 | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL      |                |                |             |             |             | \$750              |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FM       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SPC      |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FA       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SWAP-HBP | SWAP           | 750            |             |             |             |                    |
| FM-C097(136)--55-97<br>FM-C097(B)<br><br>TPMS ID: 14260                                           | D-38: From K-42 to K-64<br>Resurface D-28<br>S28-T88-R45                                                                                                                                                                               | 600 - 620<br>7.3         | Local<br>Previous          | \$0<br>366 - HMA Paving                   | LCL      |                |                |             |             |             | \$1,400            |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FM       | 1,400          |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SPC      |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FA       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SWAP     |                |                |             |             |             |                    |
| L-(2018)--73-97<br>Intersection Fillets<br><br>TPMS ID: 36382                                     | On HWY 20 Intersections, from Jasper<br>Avenue and Hwy 20 east 18 Miles to<br>Woodbury Ida County Line Road and<br>Hwy 20<br>Adding paved fillets to gravel road<br>intersections of Hwy 20 and assorted<br>county roads.<br>S--T--R-- |                          | Local<br>Previous          | \$0<br>359 - Miscellaneous                | LCL      | 150            |                |             |             |             | \$150              |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FM       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SPC      |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FA       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SWAP     |                |                |             |             |             |                    |
| L-B(C274)--73-97<br>Jewell Ave. Bridge C274<br><br>TPMS ID: 20705                                 | JEWELL AVE: From 110th Street to<br>120th Street<br><br>S7-T89-R43                                                                                                                                                                     | 50 - 50<br><br>354750    | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL      | 450            |                |             |             |             | \$450              |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FM       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SPC      |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | FA       |                |                |             |             |             |                    |
|                                                                                                   |                                                                                                                                                                                                                                        |                          |                            |                                           | SWAP     |                |                |             |             |             |                    |



## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           |      | Accomp<br>Year | Priority Years |             |             |             | \$ Total<br>Notes: |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|------|----------------|----------------|-------------|-------------|-------------|--------------------|
| Project Number<br>Local ID<br>Project Name                                        | Location<br>Description of Work<br>Section-Town-Range                                                                                                                                                        | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund |                | FY:<br>2020    | FY:<br>2021 | FY:<br>2022 | FY:<br>2023 |                    |
| L-B(C278)--73-97<br>Bridge C278 Replacement<br><br>TPMS ID: 36087                 | On JEWELL AVE, Over STREAM, from<br>110th Street South 0.7 Miles to 120th<br>Street, on WLINE S7 T89 R43<br>Replace existing bridge C278 with RCB<br>Culvert<br>S7-T89-R43                                   | 50 - 50<br>0<br>354740   | Local<br>Previous          | \$0<br>332 - Box Culverts                 | LCL  | 300            |                |             |             |             | \$300              |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FM   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SPC  |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FA   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SWAP |                |                |             |             |             |                    |
| L-B(K46)--73-97<br><br>TPMS ID: 38727                                             | On Mason Avenue, Over LITTLE SIOUX<br>RIVER, from Hwy 31 east 0.1 Miles to<br>200th Street, in NE S22 TT88N RR43W<br><br>S22-TT88N-RR43W                                                                     | 21 - 21<br>0<br>353281   | Local<br>New               | \$0<br>320 - Bridges                      | LCL  | 480            |                |             |             |             | \$800              |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FM   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FEMA | 320            |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FA   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SWAP |                |                |             |             |             |                    |
| L-B(M66)--73-97<br>Bridge M66 replacement<br><br>TPMS ID: 29464                   | On 240TH ST, Over STREAM, from<br>Taylor Avenue East 0.8 Miles to Union<br>Avenue, on NLINE S14 T87 R42<br><br>S14-T87-R42                                                                                   | 20<br>0<br>351430        | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL  | 500            |                |             |             |             | \$500              |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FM   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SPC  |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FA   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SWAP |                |                |             |             |             |                    |
| L-C(N206)--73-97<br>Replace Michigan Avenue<br>Culvert N206<br><br>TPMS ID: 32654 | On MICHIGAN AVE, Over unnamed<br>creek, from Mason Avenue northeasterly<br>1.0 Miles to 250th Street, in NW S23 T87<br>R43<br>Replace existing box culvert on Michigan<br>Avenue number N-206<br>S23-T87-R43 | 5 - 5<br>0               | Local<br>Previous          | \$80<br>332 - Box Culverts                | LCL  | 80             |                |             |             |             | \$80               |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FM   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SPC  |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FA   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SWAP |                |                |             |             |             |                    |
| L-Gravel--73-97<br>Granular Resurfacing<br><br>TPMS ID: 32611                     | On Countywide, NA, from Various<br>locations countywide<br>Granular Surfacing in all districts<br>S--T--R--                                                                                                  |                          | Local<br>Previous          | \$0<br>361 - Granular                     | LCL  | 300            | 300            | 300         | 300         | 300         | \$1,500            |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FM   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SPC  |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | FA   |                |                |             |             |             |                    |
|                                                                                   |                                                                                                                                                                                                              |                          |                            |                                           | SWAP |                |                |             |             |             |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                             | Location<br>Description of Work<br>Section-Town-Range                                                                             | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund     | Accomp<br>Year | Priority Years     |                    |                    |                    | \$ Total<br>Notes: |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|----------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                                                        |                                                                                                                                   |                          |                            |                                           |          | FY:<br>2020    | 1st<br>FY:<br>2021 | 2nd<br>FY:<br>2022 | 3rd<br>FY:<br>2023 | 4th<br>FY:<br>2024 |                    |
| LFM-(D50)--7X-97<br>L-FM-CO97(D50)<br><br>TPMS ID: 12778               | D-50: From Iowa Hwy 31 to L27<br>Grade for future paving<br>S20-T87-R43                                                           | 60<br>2.5                | Local<br>Previous          | \$0<br>352 - Excavation                   | LCL      |                |                    |                    |                    |                    | \$1,800            |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | OTHER    | 1,800          |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| BRS-SWAP-C097(H29)--FF-97<br><br>TPMS ID: 33890                        | On K64, Over unnamed creek, from<br>160th St n 0.1 Miles to US 20, at NW<br>S32 T89 R44<br>Replace existing bridge<br>S32-T89-R44 | 960 - 960<br>0<br>353630 | Previous                   | \$0<br>320 - Bridges                      | LCL      |                |                    |                    |                    |                    | \$600              |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SWAP-HBP |                | 600                |                    |                    |                    |                    |
| FM-C097(K203)--55-97<br>K 203 bridge replacement<br><br>TPMS ID: 12827 | O'Brien Ave.: From D38 to 210th Street<br>Bridge Replacement<br>S36-T88-R43                                                       | 210<br>0.1<br>353400     | FM<br>Previous             | \$0<br>320 - Bridges                      | LCL      |                |                    |                    |                    |                    | \$600              |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FM       |                | 600                |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| L-B(0102)--73-97<br>Bridge O102 Replacement<br><br>TPMS ID: 24852      | 260TH ST: Over STREAM<br><br>S28-T87-R44                                                                                          | 25 - 25<br>0<br>352210   | FA<br>Previous             | \$0<br>320 - Bridges                      | LCL      |                | 280                |                    |                    |                    | \$280              |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| L-B(J178)--73-97<br>Jewell Ave J178<br><br>TPMS ID: 21789              | Jewell Ave: From 170th Street to 180th<br>Street<br>Estimated 100' x 30' CCS<br>S9-T88-R44                                        | 20<br>0.1<br>353490      | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL      |                | 420                |                    |                    |                    | \$420              |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                   |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

|                                                                                |                                                                                                                                              |                          |                            |                                           |           | Accomp<br>Year | Priority Years |             |             |             | \$ Total<br>Notes: |
|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|-----------|----------------|----------------|-------------|-------------|-------------|--------------------|
| Project Number<br>Local ID<br>Project Name                                     | Location<br>Description of Work<br>Section-Town-Range                                                                                        | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund      |                | 1st            | 2nd         | 3rd         | 4th         |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           |           | FY:<br>2020    | FY:<br>2021    | FY:<br>2022 | FY:<br>2023 | FY:<br>2024 |                    |
| L-B(M299)--73-97<br>Taylor Ave Bridge M299<br><br>TPMS ID: 35165               | On TAYLOR AVE, Over STREAM, from<br>230th St North 0.8 Miles to 220th St., on<br>WLINE S2 T87 R42<br><br>S2-T87-R42                          | 5 - 5<br>0<br>351220     | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL       | 550            |                |             |             |             | \$550              |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| LFM-(D50)--7X-97<br>L-FM(D50)<br><br>TPMS ID: 12832                            | D50: From Hwy 31 to L27<br>PCC Paving<br>S19-T87-R43                                                                                         | 40 - 150<br>2.34         | FA and FM<br>Previous      | \$0<br>367 - PCC Paving                   | LCL       |                |                |             |             | \$1,000     |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | OTHER     | 1,000          |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| LFM-B(U138)--7X-97<br>Bridge U138<br><br>TPMS ID: 29450                        | On Hancock Avenue - K67, Over Wolf<br>Creek, from 280th Street to 290th<br>Street, along WLINE S1 T86 R45<br><br>S1-T86-R45                  | 0.2<br>350910            | FM<br>Previous             | \$0<br>320 - Bridges                      | LCL       | 750            |                |             |             | \$750       |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| STBG-SWAP-C097(K64)--<br>FG-97<br>K64 PCC Rehabilitation<br><br>TPMS ID: 36085 | On K64, from Intersection of IA 141<br>North and East 3.6 Miles to County<br>Route D25<br>K 64 Pavement Rehabilitation<br>S--T--R--          | 350 - 530<br>3.6         | FA and FM<br>Previous      | \$0<br>367 - PCC Paving                   | LCL       |                |                |             |             | \$1,800     |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FM        | 600            |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SWAP-STBG | 1,200          |                |             |             |             |                    |
| FM-C097((B249-1))--55-97<br>B249-1 Bridge<br>Replacement<br><br>TPMS ID: 36173 | On L25, Over STREAM, from 120th<br>Street north 0.50 Miles to 110th Street,<br>on WLINE S7 T89 R42<br>Replace corp line bridge<br>S7-T89-R42 | 270 - 270<br>0<br>354551 | FM<br>Previous             | \$0<br>320 - Bridges                      | LCL       |                |                |             |             | \$1,000     |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FM        |                | 1,000          |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                |                                                                                                                                              |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                                            | Location<br>Description of Work<br>Section-Town-Range                                                                                                              | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund      | Accomp<br>Year | Priority Years |             |             |             | \$ Total<br>Notes: |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|-----------|----------------|----------------|-------------|-------------|-------------|--------------------|
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           |           | FY:<br>2020    | FY:<br>2021    | FY:<br>2022 | FY:<br>2023 | FY:<br>2024 |                    |
| L-B(B110)--73-97<br>Bridge B110 replacement<br><br>TPMS ID: 35164                     | On 150TH ST, Over STREAM, from<br>Jewell Ave east 0.3 Miles to Knox Ave.,<br>on NLINE S31 T89 R43<br><br>S31-T89-R43                                               | 20 - 20<br>0<br>354900   | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL       |                |                | 650         |             |             | \$650              |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| L-B(D42)--73-97<br>120th Street Bridge<br>Replacement D42<br><br>TPMS ID: 32653       | On 120TH ST, Over MUDDY CREEK, from<br>Eastland Ave east 0.8 Miles to Emmett<br>Avenue, on NLINE S17 T89 R45<br>Replace existing Bridge D42<br>S17-T89-R45         | 60 - 60<br>0<br>355137   | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL       |                |                | 500         |             |             | \$500              |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| L-B(E66)--73-97<br>E66 Bridge Replacement<br><br>TPMS ID: 36174                       | On 120TH ST, Over BIG WHISKEY<br>CREEK, from Dallas Avenue East 0.5<br>Miles to Eastland Avenue, on NLINE S13<br>T89 R46<br>Replace existing bridge<br>S13-T89-R46 | 40 - 40<br>0<br>355250   | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL       |                |                | 500         |             |             | \$500              |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| L-B(K103)--73-97<br>Bridge K103 Replacement<br><br>TPMS ID: 36171                     | On 210TH ST, Over WRIGHT CREEK,<br>from County Rte L36 east 0.4 Miles to<br>Dead end, on NLINE S36 T88 R43<br>Replace existing bridge<br>S36-T88-R43               | 20 - 20<br>0.1<br>353391 | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL       |                |                | 500         |             |             | \$500              |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FM        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SWAP      |                |                |             |             |             |                    |
| STBG-SWAP-C097(K25)--<br>FG-97<br>Port Neal Road<br>Improvement<br><br>TPMS ID: 32763 | On K25, from Relocated Port Neal Road<br>South 1.8 Miles to Gelita Plant Entrance,<br>Sec 7 and 18 T87 R47<br><br>S17-T87-R47                                      | 1700 - 1700<br>1.8       | FA and FM<br>Previous      | \$0<br>367 - PCC Paving                   | LCL       |                |                |             |             | \$2,887     |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FM        |                |                | 762         |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SPC       |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | FA        |                |                |             |             |             |                    |
|                                                                                       |                                                                                                                                                                    |                          |                            |                                           | SWAP-STBG | SWAP           |                | 2,125       |             |             |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                             | Location<br>Description of Work<br>Section-Town-Range                                                                                           | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund     | Accomp<br>Year | Priority Years     |                    |                    |                    | \$ Total<br>Notes: |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|----------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                                                        |                                                                                                                                                 |                          |                            |                                           |          | FY:<br>2020    | 1st<br>FY:<br>2021 | 2nd<br>FY:<br>2022 | 3rd<br>FY:<br>2023 | 4th<br>FY:<br>2024 |                    |
| BROS-SWAP-C097(E-299-1)--FE-97<br>Bridge E-299-1<br><br>TPMS ID: 14259 | Correctionville Road: From Charles Ave. to Dallas Ave.<br>Bridge Replacement<br>S35-T89-R46                                                     | 150 - 150<br>0<br>355450 | FM<br>Previous             | \$0<br>320 - Bridges                      | LCL      |                |                    |                    |                    |                    | \$800              |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SWAP-HBP | SWAP           |                    |                    | 800                |                    |                    |
| FM-C097(D25)--55-97<br>Old Hwy 141 Resurfacing<br><br>TPMS ID: 35161   | On D25, from K67 Intersection Easterly 6.825 Miles to Hwy 141 intersection<br><br>S--T--R--                                                     | 450 - 570<br>6.825       | FA and FM<br>Previous      | \$0<br>366 - HMA Paving                   | LCL      |                |                    |                    |                    | \$1,200            |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FM       |                |                    | 1,200              |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| FM-C097(D38)--55-97<br>D38 HMA Resurfacing<br><br>TPMS ID: 32655       | On D38, from County Route K64 East 10.3 Miles to IA Hwy 31, S1 T87 R45<br>HMA Resurfacing on D38 from Merville Blacktop to Hwy 31<br>S1-T87-R45 | 410 - 480<br>10.317      | Previous                   | \$0<br>366 - HMA Paving                   | LCL      |                |                    |                    |                    | \$2,000            |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FM       |                |                    | 2,000              |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| L-B(A225)--73-97<br>Mason Ave Bridge A225<br><br>TPMS ID: 35166        | On MASON AVE, Over STREAM, from 120th St North 0.4 Miles to 110th St. , on WLINE S8 T89 R42<br><br>S8-T89-R42                                   | 10 - 10<br>0<br>354570   | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL      |                |                    | 450                |                    | \$450              |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |
| L-B(B64)--73-97<br>Bridge B64 Replacement<br><br>TPMS ID: 25005        | 130TH ST: Over STREAM<br><br>S20-T89-R43                                                                                                        | 10 - 10<br>0<br>354810   | FA<br>Previous             | \$0<br>320 - Bridges                      | LCL      |                |                    | 220                |                    | \$220              |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FM       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SPC      |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | FA       |                |                    |                    |                    |                    |                    |
|                                                                        |                                                                                                                                                 |                          |                            |                                           | SWAP     |                |                    |                    |                    |                    |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                                     | Location<br>Description of Work<br>Section-Town-Range                                                                                                 | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund | Accomp<br>Year | Priority Years     |                    |                    |                    | \$ Total<br>Notes: |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                                                                |                                                                                                                                                       |                          |                            |                                           |      | FY:<br>2020    | 1st<br>FY:<br>2021 | 2nd<br>FY:<br>2022 | 3rd<br>FY:<br>2023 | 4th<br>FY:<br>2024 |                    |
| L-B(K20)--73-97<br>Bridge K20 Replacement<br><br>TPMS ID: 25004                | 180TH ST: Over STREAM<br><br>S14-T88-R43                                                                                                              | 30 - 30<br>0<br>353240   | FA<br>Previous             | \$0<br>320 - Bridges                      | LCL  |                |                    |                    | 480                |                    | \$480              |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| L-C(X116)--73-97<br>Culvert X116 replacement<br><br>TPMS ID: 35167             | On 335TH ST, Over Unnamed stream,<br>from Osceola Ave east 0.5 Miles to Ozark<br>Ave, in SW S31 T86 R42<br><br>S31-T86-R42                            | 10 - 10<br>0             | Local<br>Previous          | \$0<br>332 - Box Culverts                 | LCL  |                |                    |                    | 250                |                    | \$250              |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| FM-C097(A-24)--55-97<br>110th Street Bridge A24<br><br>TPMS ID: 18344          | D12: Over Pierson Creek<br><br>S9-T89-R42                                                                                                             | 160 - 160<br>354580      | FA and FM<br>Previous      | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    |                    | \$800              |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FM   |                |                    |                    | 800                |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| FM-C097(K-14-10)--55-97<br>K-14-10 Bridge<br>replacement<br><br>TPMS ID: 38732 | On D 22, Over ROCK CREEK, from Lucas<br>Ave east 0.2 Miles to Lenox Ave, on<br>NLINE S6 TT88N RR43W<br><br>S6-TT88N-RR43W                             | 240 - 240<br>0<br>353155 | FM<br>New                  | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    |                    | \$350              |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FM   |                |                    |                    | 350                |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| L-B(B213)--73-97<br>Bridge B213 Replacement<br><br>TPMS ID: 36086              | On LENOX AVE, Over STREAM, from<br>120th Street South 0.80 Miles to 130th<br>St., in SW S13 T89 R43<br>Replace bridge with RCB culvert<br>S13-T89-R43 | 15 - 15<br>0<br>354770   | Local<br>Previous          | \$0<br>332 - Box Culverts                 | LCL  |                |                    |                    |                    | 300                | \$300              |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                                |                                                                                                                                                       |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |

## FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM

| Project Number<br>Local ID<br>Project Name                        | Location<br>Description of Work<br>Section-Town-Range                                                                                                                                     | AADT<br>Length<br>FHWA # | System<br>Status<br>FM-Xfr | \$ Day Labor<br>Type Work<br>SPC/FA Types | Fund | Accomp<br>Year | Priority Years     |                    |                    |                    | \$ Total<br>Notes: |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------------------|------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           |      | FY:<br>2020    | 1st<br>FY:<br>2021 | 2nd<br>FY:<br>2022 | 3rd<br>FY:<br>2023 | 4th<br>FY:<br>2024 |                    |
| L-B(K19)--73-97<br>K19 Bridge Replacement<br><br>TPMS ID: 38730   | On Michigan Avenue, Over STREAM,<br>from County Road D22 South 1.6 Miles<br>to Iowa Hwy 31, on ELINE S11 TT88N<br>RR43W<br><br>S11-TT88N-RR43W                                            | 26 - 26<br>0<br>353170   | Local<br>New               | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    | 350                | \$350              |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| L-B(K23)--73-97<br>Bridge K23 Replacement<br><br>TPMS ID: 18347   | 180TH ST: From Lucas Ave. to Lenox<br>Ave.<br><br>S17-T88-R43                                                                                                                             | 25 - 25<br>0.1<br>353260 | FA<br>Previous             | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    | 430                | \$430              |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| L-B(N191)--73-97<br>Mason Avenue Bridge<br><br>TPMS ID: 37716     | On MASON AVE, Over MILLER CREEK,<br>from 270th Street South 0.25 Miles to<br>Liston Blvd, on NLINE S34 T87 R43<br>Bridge Replacement of N-191 120' CCS<br>estimated<br>S34-T87-R43        | 15 - 15<br>0<br>351840   | Local<br>Previous          | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    | 500                | \$500              |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |
| L-B(U155)--73-97<br>U155 Bridge Replacement<br><br>TPMS ID: 38731 | On 325th Street Bridge, Over STREAM,<br>from County Route K67 east 0.1 Miles to<br>Ida Avenue, in SW S25 TT86N RR45W<br>Bridge replacement project - locally<br>funded<br>S25-TT86N-RR45W | 47 - 47<br>0<br>351030   | Local<br>New               | \$0<br>320 - Bridges                      | LCL  |                |                    |                    |                    | 500                | \$500              |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FM   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SPC  |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | FA   |                |                    |                    |                    |                    |                    |
|                                                                   |                                                                                                                                                                                           |                          |                            |                                           | SWAP |                |                    |                    |                    |                    |                    |



**FIVE YEAR SECONDARY ROADS CONSTRUCTION PROGRAM SUMMARY**  
**For**

Woodbury County

| In thousands of dollars |             |             |             |             |             |              |
|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>Year</b>             | <b>2020</b> | <b>2021</b> | <b>2022</b> | <b>2023</b> | <b>2024</b> | <b>Total</b> |
| LCL                     | 2,260       | 2,300       | 2,450       | 1,700       | 2,380       | 11,090       |
| FM                      | 1,400       | 1,200       | 1,762       | 3,200       | 1,150       | 8,712        |
| SPC                     | 2,120       | 1,000       | 0           | 0           | 0           | 3,120        |
| FA                      | 0           | 0           | 0           | 0           | 0           | 0            |
| SWAP                    | 1,450       | 1,800       | 2,125       | 800         | 0           | 6,175        |
|                         |             |             |             |             |             |              |
| <b>Totals:</b>          | 7,230       | 6,300       | 6,337       | 5,700       | 3,530       | 29,097       |

**PAVING POINT COMPUTATIONS**

|                      |
|----------------------|
| <b>Program Year:</b> |
| 2020                 |

Woodbury County

| Local or FM Route | Project Number                   | Description/Location                                                    | Grade For Pave or Pave | Proposed Program Year | County/District Computations | Funct. Class | Current AADT | Closest Paved Parallel Route | Percent Trucks | Bonus Points | Total Points |
|-------------------|----------------------------------|-------------------------------------------------------------------------|------------------------|-----------------------|------------------------------|--------------|--------------|------------------------------|----------------|--------------|--------------|
| Local             | LFM-(D50)--7X-97<br>TPMS#: 12778 | D-50: From Iowa Hwy 31 to L27<br>Grade for future paving<br>S20-T87-R43 | Grade for Pave         | 2020                  | County Computation           | 25           | 6            | 10                           | 15             | 0            | 56           |
|                   |                                  |                                                                         |                        |                       | OLS Review                   |              |              |                              |                |              |              |
| FA and FM         | LFM-(D50)--7X-97<br>TPMS#: 12832 | D50: From Hwy 31 to L27<br>PCC Paving<br>S19-T87-R43                    | Pave                   | 2021                  | County Computation           | 25           | 6            | 10                           | 15             | 0            | 56           |
|                   |                                  |                                                                         |                        |                       | OLS Review                   |              |              |                              |                |              |              |

**Notes:** 1. Bonus points must be accompanied by letter of documentation.  
 2. Do not list bridge, culvert and 3R projects.

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

Date: 4/03/2019 Weekly Agenda Date: 4/12/2019

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

**WORDING FOR AGENDA ITEM:**

Consider approval of a detour agreement with the Iowa Department of Transportation for the Iowa Highway 31 Paving Project

**ACTION REQUIRED:**

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

**EXECUTIVE SUMMARY:**

The Iowa DOT has requested to use county routes D12 and L36 as a detour for a paving project on Iowa Highway 31 during the 2020 construction year.

**BACKGROUND:**

The DOT has programmed paving of Iowa 31 north of Correctionville in 2020. The highway will be closed to through traffic during construction. Construction is estimated to take from March 1 to November 30, 2020.

**FINANCIAL IMPACT:**

There is no cost to the county. The county will receive a damage payment for use of the road as a detour at the completion of the project per Iowa DOT detour policy.

**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 approve the detour agreement with the Iowa DOT for the Highway 31 paving project and direct the chair to sign the agreement.

**ACTION REQUIRED / PROPOSED MOTION:**

Motion that the board approve the project agreement with Iowa DOT for the Highway 31 paving project and direct the chair to sign the agreement.



### AGREEMENT FOR USE OF LOCAL AGENCY ROADS AS DETOURS

This Agreement is entered into by and between the Iowa Department of Transportation, hereinafter known as the Department; and the Woodbury County \_\_\_\_\_, hereinafter known as the Local Public Agency (LPA).

WHEREAS, the Department has determined the necessity to temporarily close primary highway IA31 from East junction of IA31/US20 in Correctionville to C-66 / Washta for the purpose of construction, reconstruction, maintenance, natural disasters, or other emergencies; and

WHEREAS, it is necessary to provide a detour for the primary highway closure period; and

WHEREAS, the LPA agrees to permit the use of its roads as a detour, more particularly described as follows:

Beginning at the east junction of IA31/US20; thence west .25 miles on IA31/US20 to the west junction of IA31/ US20 and L-36 in Correctionville;  
thence north 7.0 miles on L-36 to the intersection of L-36 and C-66; thence east 4.5 miles on C-66 to the intersection of C-66 and IA31 in Washta.

Project # STP-031-1(43)--2C-97 ; and

WHEREAS, Authorized representatives of both the Department and the LPA shall jointly execute and sign a written report concerning the condition of the proposed detour, after jointly inspecting said road, the subject of the proposed detour; said report to be in sufficient detail as to reasonably reflect the condition of the roadway base, surface, shoulders and bridges; and

WHEREAS, the Department will inspect the bridges on the detour route and determine the maximum vehicle weight (up to 156,000 pounds) that can be safely carried on these bridges and submit this information to the LPA for its review. The LPA may choose to restrict detour traffic to only vehicles of legal weight or size. If the LPA allows oversize or overweight loads, it shall notify the Department in writing. The Department shall approve the routing of overweight vehicles on the detour route, up to the limits specified by the LPA; and

WHEREAS, the Department agrees to perform the following pre-detour maintenance, if any: Paint Markings and Detour Signing ; and

WHEREAS, the Department agrees to maintain the detour and provide all traffic control devices required by the Manual of Uniform Traffic Control Devices (MUTCD), as adopted by the Department pursuant to 761 IAC 130, including the marking of no-passing zones during the period the local agency road(s) and structure(s) are being utilized as a primary road detour; and

WHEREAS, Prior to revocation of the detour, the Department shall restore the local agency road to as good condition as it was prior to its designation as a temporary primary road, or adequately compensate the local agency for excessive traffic upon the local agency road during the period it was used as a temporary primary road, in accordance with Section 313.28 or Section 313.29 of the Iowa Code and Iowa DOT Policy 600.05; and

WHEREAS, The detour period is estimated to begin March 1, 2020 and end November 30, 2020 ; and  
(date) (date)

WHEREAS, the parties agree to the following additional provisions, if any: \_\_\_\_\_

NOW, THEREFORE, BE IT AGREED that the described road be used as a detour under stipulations outlined above.

IN WITNESS WHEREOF, The parties hereto have caused this agreement to be executed by proper officers thereunto duly authorized as of the dates below indicated.

\_\_\_\_\_  
District Engineer Date  
Iowa Department of Transportation

\_\_\_\_\_  
City representative Date

\_\_\_\_\_  
Printed name and title of city representative

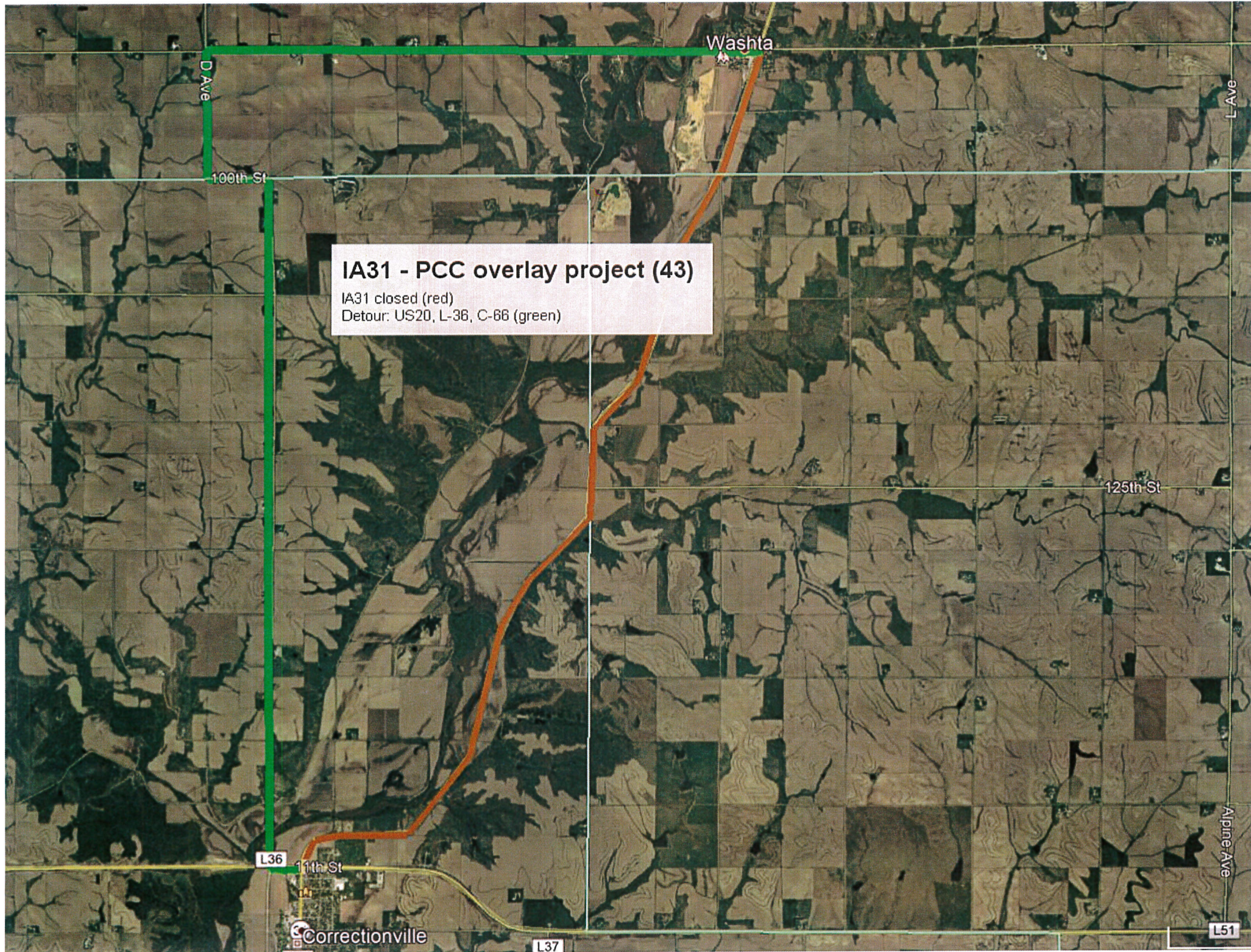
\_\_\_\_\_  
County representative Date

\_\_\_\_\_  
Printed name and title of county representative



### IA31 - PCC overlay project (43)

IA31 closed (red)  
Detour: US20, L-36, C-66 (green)





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

**#12**

Date: 04/04/2019 Weekly Agenda Date: 04/09/2019

**ELECTED OFFICIAL / DEPARTMENT HEAD / CITIZEN:** Keith Radig/Siouxland Mental Health

**WORDING FOR AGENDA ITEM:**

Mental health outreach to flood victims

**ACTION REQUIRED:**

Approve Ordinance

Approve Resolution

Approve Motion

Public Hearing

Other: Informational

Attachments

**EXECUTIVE SUMMARY:**

Siouxland Mental Health is requesting funds to develop and to revise disaster outreach and psycho-educational support materials for Woodbury County flood victims.

**BACKGROUND:**

Outreach and educational materials include flyers, brochures, website content, and tip sheets and will cover key concepts of disaster behavioral health, disaster reactions and coping skills, and stress management. Siouxland Mental Health Center wants to engage in community networking, particularly in Hornick, to gain visibility to assist in the healing process.

**FINANCIAL IMPACT:**

\$2500.00 gaming or LOST

**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:**

Discuss and approve motion

**ACTION REQUIRED / PROPOSED MOTION:**

Motion to provide \$2500 in funding to support SMH in disaster outreach

*Approved by Board of Supervisors April 5, 2016.*





# Woodbury County Sheriff's Office

DAVID A. DREW, SHERIFF

WOODBURY COUNTY JAIL WEEKLY POPULATION REPORT AT 0600 HRS.

LEC 24 HOUR DAILY COUNT

| DATE    | DAILY TOTAL | LEC         | ELECTRONIC MONITORING | JUVENILE  | FEDERAL PRISONERS | RELEASED   |
|---------|-------------|-------------|-----------------------|-----------|-------------------|------------|
| 3/1/19  | 234         | 210         | 24                    | 0         | 10                | 18         |
| 3/2/19  | 236         | 212         | 24                    | 0         | 7                 | 27         |
| 3/3/19  | 227         | 203         | 24                    | 0         | 7                 | 16         |
| 3/4/19  | 226         | 202         | 24                    | 0         | 7                 | 8          |
| 3/5/19  | 234         | 211         | 23                    | 0         | 10                | 14         |
| 3/6/19  | 239         | 214         | 25                    | 0         | 10                | 12         |
| 3/7/19  | 229         | 202         | 27                    | 0         | 11                | 28         |
| 3/8/19  | 217         | 189         | 28                    | 0         | 11                | 24         |
| 3/9/19  | 210         | 182         | 28                    | 0         | 8                 | 25         |
| 3/10/19 | 209         | 177         | 32                    | 0         | 11                | 12         |
| 3/11/19 | 211         | 183         | 28                    | 0         | 11                | 14         |
| 3/12/19 | 224         | 196         | 28                    | 0         | 7                 | 16         |
| 3/13/19 | 223         | 195         | 28                    | 0         | 8                 | 16         |
| 3/14/19 | 216         | 188         | 28                    | 0         | 8                 | 28         |
| 3/15/19 | 211         | 182         | 29                    | 0         | 8                 | 18         |
| 3/16/19 | 219         | 190         | 28                    | 1         | 8                 | 13         |
| 3/17/19 | 228         | 199         | 28                    | 1         | 8                 | 8          |
| 3/18/19 | 226         | 197         | 28                    | 1         | 8                 | 19         |
| 3/19/19 | 222         | 193         | 28                    | 1         | 15                | 26         |
| 3/20/19 | 218         | 189         | 28                    | 1         | 14                | 17         |
| 3/21/19 | 219         | 189         | 29                    | 1         | 8                 | 29         |
| 3/22/19 | 221         | 193         | 27                    | 1         | 8                 | 20         |
| 3/23/19 | 217         | 190         | 26                    | 1         | 7                 | 24         |
| 3/24/19 | 216         | 189         | 26                    | 1         | 7                 | 20         |
| 3/25/19 | 223         | 196         | 26                    | 1         | 7                 | 11         |
| 3/26/19 | 226         | 198         | 27                    | 1         | 9                 | 14         |
| 3/27/19 | 225         | 196         | 28                    | 1         | 9                 | 15         |
| 3/28/19 | 225         | 196         | 28                    | 1         | 10                | 24         |
| 3/29/19 | 232         | 202         | 29                    | 1         | 12                | 12         |
| 3/30/19 | 242         | 213         | 28                    | 1         | 8                 | 20         |
| 3/31/19 | 237         | 208         | 28                    | 1         | 8                 | 18         |
|         | <b>6942</b> | <b>6084</b> | <b>842</b>            | <b>16</b> | <b>280</b>        | <b>566</b> |

| TOTAL       | MALE        | FEMALE      |
|-------------|-------------|-------------|
| 228         | 182         | 46          |
| 239         | 197         | 42          |
| 219         | 181         | 38          |
| 210         | 173         | 37          |
| 225         | 185         | 40          |
| 226         | 187         | 39          |
| 230         | 191         | 39          |
| 213         | 177         | 36          |
| 207         | 170         | 37          |
| 189         | 155         | 34          |
| 197         | 161         | 36          |
| 212         | 173         | 39          |
| 211         | 172         | 39          |
| 216         | 179         | 37          |
| 200         | 170         | 30          |
| 203         | 161         | 42          |
| 207         | 163         | 44          |
| 216         | 171         | 45          |
| 219         | 175         | 44          |
| 206         | 167         | 39          |
| 218         | 170         | 48          |
| 213         | 171         | 42          |
| 214         | 168         | 46          |
| 209         | 160         | 49          |
| 207         | 159         | 48          |
| 212         | 160         | 52          |
| 211         | 159         | 52          |
| 220         | 168         | 52          |
| 214         | 160         | 54          |
| 233         | 177         | 56          |
| 226         | 169         | 57          |
| <b>6650</b> | <b>5311</b> | <b>1339</b> |

\*Highest population count each day

|                   |            |
|-------------------|------------|
| LEC TOTAL AVG:    | <b>214</b> |
| TOTAL INMATE AVG: | <b>242</b> |