

DRAFT ENVIRONMENTAL ASSESSMENT

for

Hardin County Radio Communications Tower Facility

Hardin County, Iowa

prepared for

Hardin County Sheriff's Department

PART 3

APPENDICES H - N

prepared by

Land Recyclers Inc.

4853 Lilac Place North

Lake Elmo, MN 55042

(651) 430 - 3854

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July 2011

PART 3

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Appendix H
SHPO Correspondence &
Supporting Section 106 Documentation

July 13, 2009

Sheriff Tim Smith
Hardin County Sheriff's Office
1116 - 14th Ave
Eldora, IA 50627

RE: New Radio Communications Tower
Eldora, Iowa

Dear Sheriff Smith:

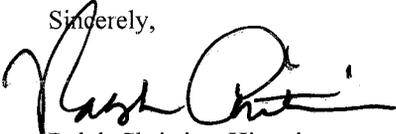
Thank you for the opportunity to review and comment on your proposed radio communications tower site near Eldora, IA. It has been reviewed pursuant to the responsibilities given the State Historical Preservation Office by the National Historic Preservation Act of 1966 and the Procedures of the Advisory Council on Historic Preservation (36CFR800).

Your review submittal concluded that the construction of this tower has a potential Visual Impact on the nearby County Home property, located directly west of the proposed tower site. It has been established by your historical consultant that this property is eligible for listing on the National Historic Register, although it is not currently listed on the Register.

However, your plan to prepare an application for the County Home property, and submit it to SHPO and the State Nomination Review Committee (SNRC) by February 2010, meets our mitigation criteria for this site. We have also received acknowledgement that you have retained the services of Rebecca Lawin McCarley, SPARK Consulting, to conduct this process for you.

We appreciate your efforts to assess potential effects on this historic property. Based on your proposed actions, we conclude that this serves as an appropriate mitigation process for this site, and therefore we have no objection to the construction of your new tower site.

Sincerely,



Ralph Christian, Historian
State Historic Preservation Office

Cc: Rey Freeman
Rebecca Lawin McCarley



REY FREEMAN, COMMUNICATIONS MANAGER

MINNEAPOLIS OFFICE: 13517 LARKIN DR., MINNETONKA, MN 55305
VOICE: 952.541.0747 • FAX: 952.541.0748 • E-MAIL: rfreeman@isd.net

Date: January 29, 2009

State of Iowa Historical Preservation Office
Attn: Richard Leopold
Wallace State Office Building
502 E. 9th
Des Moines, IA 50319-0034

Subject: FCC Form 620 Submission and Review
Eldora Tower Site,
Hardin County, Iowa

Dear Mr. Leopold:

The Hardin County, Iowa Sheriff's Office, in conjunction with the public safety agencies within Hardin County, is in the process of implementing major upgrades to their VHF public safety radio communications systems. These radio system upgrades will serve all Law Enforcement, Fire, and EMS/Ambulance services within the County, as well as the County Road & Bridge, and potentially other departments.

This project will result in the construction of a new radio communications tower to support the radio repeater and base station equipment, antennas and other network equipment included in the project. The construction of this tower, which will be located about 3 miles northwest of Eldora, has not yet been started. This Section 106 review filing is being sent to your agency for review and comment.

The property that is being planned for the construction of the new tower is the old "County Home" location, northwest of Eldora as noted. The County no longer owns the portion of the property where the old County Home building structures are located, but has retained ownership of the section of the property east of the buildings, and has been leasing the property to a local farmer for crop production.

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

To ensure the historic and archaeological issues are properly addressed, the services of an historical consultant have been enlisted:

SPARK Consulting
Rebecca Lawin McCarley
1138 Oneida Ave
Davenport, IA 52803

SPARK Consulting has prepared a comprehensive report for this project. The report has identified several properties in the area around the tower site that are considered eligible for listing in the historic register, and discusses the potential effect the tower might have on these properties.

Additionally, we are including the required FCC Form 620 documents, as follows:

1. FCC Form 620 document
2. Attachment 1: Resume(s)
 - Attachment 2: Additional Site Information
 - Attachment 3: Tribal and NHO Involvement
 - Attachment 4: Local Government
 - Attachment 5: Public Involvement
 - Attachment 6: Additional Consulting Parties
 - Attachment 7: Areas of Potential Effects
 - Attachment 8: Historic Properties Identified in the APE for Visual Effects
 - Attachment 9: Historic Properties Identified in the APE for Direct Effects
 - Attachment 10: Effects on Identified Properties
 - Attachment 11: Photographs
 - Attachment 12: Maps
 - Map #1: Local Plat Map
 - Map #2: USGS Topographic Map

The APE and properties information is contained within the SPARK Consulting document.

GeoComm has been tasked by the County to prepare and file this document for Hardin County, and is doing so by their authority.

We are requesting that the State of Iowa Historical Society conduct an assessment of this proposed tower site and other data provided herein to determine what effect the proposed tower site may have on the neighboring properties, as well as whether mitigation efforts will be required. Please also provide for us a written summary confirming your findings.

Thank you in advance for your assistance with this project.

Please contact us (GeoComm) directly with any questions if additional information is required.

Sincerely,

A handwritten signature in black ink that reads "Rey Freeman". The signature is written in a cursive style with a long horizontal flourish at the end.

Rey Freeman
GeoComm
952-541-0747
rfreeman@geo-comm.com

cc: Sheriff Tim Smith, Hardin County, Iowa

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation (“CO”) Submission Packet (FCC Form 621). Applicant Information

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below. Full Legal Name of

Applicant Hardin, County of

Name and Title of Contact Person: Sheriff Tim Smith

Address of Contact Person (including Zip Code): 1116 14th Avenue, Eldora, IA 50627

Phone: 641-939-8249 **Fax:** not required **E-mail address:** t.smith@co.hardin.ia.us

Applicant’s Consultant’s Information

Full Legal Name of Applicant’s Section 106 Consulting Firm: SPARK Consulting

Name of Principal Investigator: Rebecca Lawin McCarley

Title of Principal Investigator: Architectural Historian

Investigator’s Address: 1138 Oneida Avenue **City:** Davenport **State:** Iowa

Zip Code: 52803 **Phone:** 563-324-9767 **Email Address:** sparkconsulting@octaspark.com

Does the Principal Investigator satisfy the Secretary of the Interior’s Professional Standards?

YES[X]/ NO []

Areas in which the Principal Investigator meets the Secretary of the Interior’s Professional Qualification Standards¹: Architectural History, History

Other “Secretary of the Interior qualified” staff who worked on the Submission Packet (provide name(s) as well as the area(s) in which they are qualified:

Toby Morrow, Wapsi Valley Archaeology, Inc., Principal Investigator, Archaeology.

¹The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1 .d, VI.D.1.e, VI.D.2.b, VI.E.5.

Site Information

Site Name: Hardin County Tower Site Facility

Street Address of Site: In a property owned by Hardin County, 0.3 miles NW of the junction of County Roads D41 & S55, 3.5 mi NW of Eldora.

City or Township: Eldora **County / Parish:** Hardin County

State: Iowa **Zip Code:** 50627

Nearest Cross Roads: County Roads D41 & S55

NAD 83 Latitude/Longitude coordinates (to tenth of a second): N42° 23' 54.9"; W 093° 08' 38"

Tower height above ground level: 395 feet; 120.5 meters

Tower Type: Monopole Guyed lattice tower: Self Supporting: SST

Other (briefly describe tower): Include top-mounted attachments such as lightning rods

Project Status

Construction not yet commenced;

Construction commenced on [date]: ; or,

Construction commenced on [date]: and was completed on [date]:

Applicant’s Determination of Effect

Direct Effects (check one):

i. **No Historic Properties** in Area of Potential Effects (“APE”) for direct effects;

ii. **No Effect** on Historic Properties in APE for direct effects;

iii. **No Adverse Effect** on Historic Properties in APE for direct effects;

iv. **Adverse Effect** on one or more Historic Properties in APE for direct effects.

Visual Effects (check one):

i. **No Historic Properties** in Area of Potential Effects (“APE”) for visual effects;

ii. **No Effect** on Historic Properties in APE for visual effects;

iii. **No Adverse Effect** on Historic Properties in APE for visual effects;

iv. **Adverse Effect** on one or more Historic Properties in APE for visual effects.

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



Signature

January 19, 2009

Date

Rey Freeman

Printed Name

Communications Consultant
GeoComm

Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503

Attachment 1 – Resumes / Vitae

Rebecca Lawin McCarley – Principal Investigator for Architectural History

Rebecca Lawin McCarley, d.b.a. SPARK Consulting, has been based in Davenport, Iowa, since 2003. She meets the federal professional qualifications for an Architectural Historian as well as a Historian, and her qualifications have been reviewed by the State Historic Preservation Offices in Iowa and Illinois. She is included in both states on their list of pre-qualified professional consultants. As a consultant, she offers a variety of services, including architectural surveys, National Register of Historic Places nominations, grant applications, and historic preservation tax credit applications.

Education

Master of Science in Historic Preservation, Ball State University, Muncie, IN.
University Graduate Fellowship, David Hermansen Memorial Scholarship, University Research Grant for thesis entitled: The Octagon House in American Culture: The Influence of Orson S. Fowler in the Midwest.

Bachelor of Arts (Architecture and History, double major), Washington University, St. Louis, MO.
Magna Cum Laude. Millstone Scholarship, National Merit Scholar, Phi Beta Kappa, Phi Alpha Theta.

Professional Experience

Principal, Architectural Historian, SPARK Consulting, Davenport, IA, September 2003-present

- Responsible for project management, proposals, and budgeting
- Conducts architectural surveys to meet local planning needs and satisfy Section 106 requirements
- Researches and evaluates historic structures for National Register of Historic Places eligibility
- Prepares National Register of Historic Places nominations
- Completes other projects and consultation related to historic preservation – also see www.octaspark.com

Architectural Historian, Cultural Resource Analysts, Inc., Lexington, KY, May 2001-August 2003

- Served as Principal Investigator beginning in February 2003; supervised a staff of three architectural historians
- Responsible for project management, proposals, and budgeting for the architectural history department
- Reviewed and approved reports written by staff, serving as project manager
- Conducted architectural surveys in Kentucky, Indiana, and Ohio; wrote compliance reports to meet state guidelines
- Assessed historic building, structures, and sites for potential National Register of Historic Places eligibility
- Researched historic resources throughout Kentucky and completed state survey forms
- Completed other types of historic preservation projects, including historic documentation and rehabilitation tax credit applications

TOBY A. MORROW – Principal Investigator for Archaeology

Toby Morrow, Archaeologist/Principal Investigator of Wapsi Valley Archaeology, Inc., has more than 30 years experience as a field archaeologist.

Education

1990 Ph.D. Candidate, Anthropology, Minor: Geology, University of Wisconsin-Madison
(Qualifying Exams passed in 1985, coursework completed in 1990)
1984 M.A. Anthropology, University of Iowa, Iowa City
1982 B.A. Anthropology, Minor: Geology, University of Iowa, Iowa City

Professional Experience (Recent)

10/05-Present Archaeologist/Principal Investigator, Wapsi Valley Archaeology, Inc.
Anamosa, Iowa
2/01-11/05 Archaeology Consulting Services, Missouri and Arkansas. Missouri projects including archaeological investigations in Miller and Reynolds Counties.
2/99-2/01 Senior Archaeologist, Hemisphere Field Services – Arkansas Branch. Also conducted projects in Palaski County, Perry County, and central Missouri, Walnut Ridge, Arkansas.

Attachment 2 – Additional Site Information

Describe any additional structures, access roads, utility fences, easements, or other construction planned for the site in conjunction with the proposed facilities.

The Eldora tower site is on property owned by Hardin County, Iowa. The property, known as the “County Home” site, has in recent years been leased out to a local farmer for soybean and corn crops. The proposed tower is directly adjacent to County Road D41, and a short gravel driveway allows access into the site. A 32-ft x 12-ft prefabricated equipment shed will sit at the base of the tower.

Attachment 3 – Tribal and NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (“NHOs”) to assist in the identification of historic properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to historic properties that may be affected by the undertaking within the Areas of Potential Effects (“APE”) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by the FCC, the Applicant, or the Applicant’s representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

A – Measures taken to identify Indian tribes and NHOs

Notification to Native American tribes was submitted via the FCC's TCNS system. This notification was entered on 7/28/2008, and TCNS number of 42840 was assigned.

Date: 8-1-2008

Subject: Notice of Organization(s) which were sent proposed Tower Construction Notification Information – Email ID #1962018

From: towernotifyinfo@fcc.gov

To: rfreeman@isd.net

Cc: kim.pristello@fcc.gov diane.dupert@fcc.gov

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural

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disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Cultural Resources Director Scott Jones - Lower Brule Sioux Tribe - Lower Brule, SD - electronic mail and regular mail

Exclusions: The Lower Brule Sioux Tribe, Cultural Resources Office, does not subscribe to the 30-day deadline for tower notification responses. Under ordinary circumstances, the Tribe will respond within 7 days, but reserves the right to respond without prejudice more than 30 days after notification if made necessary by scheduling and workload contingencies. The process is greatly expedited if: a) documents are submitted via email in pdf format; and 2) the subject line contains the TCNS#.

The Tribe requests the following information from applicants proposing the construction of telecommunications towers and ancillary structures within our traditional territory.

IF THE PROJECT IS: a rebuild, co-locate, antenna on existing (non-tower) structure, is within a highway right-of-way, or within an urban (built-up) area, the applicant need only send an initial notification letter with a general description of the undertaking and at least one site photograph, showing the project site in its landscape setting.

ALL OTHER PROJECTS REQUIRE THE FOLLOWING DETAILS:

1. Color photographs towards the proposed locality, sufficient to show the topographic formation at a distance and the Area of Potential Effect. Each photograph should have the actual location of the tower marked.
2. A state-wide map showing the regional location (i.e. with towns, cities, roads and major geographic features).
3. A topographic map (derived from the USGS 7.5 Topographic Quadrangle series) zoomed out to a scale of about 1:20,000 to clearly show the landscape (i.e. with the location in a surrounding area of at least four square miles).
4. A map showing the locations of any known cultural sites of indigenous peoples (i.e., archaeological sites) within a half-mile of the APE.
5. If relevant, a map showing the location of any indigenous cultural site (i.e., archaeological site) within or adjacent to the APE in relation to the locations of proposed structures.
6. A succinct description of the site of the proposed undertaking with bulleted descriptions of local topography, typical vegetation, existing disturbances, archaeological survey results (i.e. as per Section 106, NHPA), and a characterization by the applicant's archaeologist of the potential for buried cultural resources or Traditional Cultural Properties.

Applicants should send this information in a pdf via email to Dr. Brian L. Molyneaux, Cultural Resources Office, Lower Brule Sioux Tribe (BrianMolyneaux@brule.bia.edu).

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2. THPO & Tribal Anthropologist Dianne Desrosiers - Sisseton-Wahpeton Oyate of the Lake Traverse Reservation - Sisseton, SD - electronic mail and regular mail

Exclusions: Please provide the Sisseton-Wahpeton Oyate of South Dakota with a topographical map reflecting the proposed site. Please mark the proposed location with an 'x' or an arrow on the map. Please also provide us with a street address for the proposed site. Please send the topo map via regular mail to: Dianne Desrosiers, THPO, at P.O. Box 717, Agency Village, S.D. 57262. If the Applicant receives no response from the Sisseton-Wahpeton Oyate of South Dakota within 30 days after a map has been sent to the Tribe, the Sisseton-Wahpeton Oyate Tribe has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law. If you have any questions, contact us at 605-698-4972. THANK YOU!

3. Director of Cultural Affairs Gary Robinette - Ponca Tribe of Nebraska - Niobrara, NE - electronic mail

Exclusions: If the Applicant receives no response from the Ponca Tribe of Nebraska within 30 days after notification through TCNS, the Ponca Tribe of Nebraska has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Ponca Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction.

4. Historical Preservation Officer Tony Provost - Omaha Tribe of Nebraska - Macy, NE - electronic mail and regular mail

Exclusions: If the Applicant receives no response from the Omaha Tribe of Nebraska within 30 days after notification through TCNS, the Omaha Tribe of Nebraska has no objection to project, however, the Omaha Tribe will show no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Omaha Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Land Manager Fay Houghton - Winnebago Tribal Council - Winnebago, NE - regular mail

6. TCNS Contact Person Rita Dorste - Iowa Tribe of Kansas & Nebraska - White Cloud, KS - regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Iowa Tribe of Kansas & Nebraska within 30 days after notification through TCNS, the Iowa Tribe of Kansas & Nebraska has no interest in participating in pre-construction review for the proposed site. The Applicant/tower constructor, however, must immediately notify the Iowa Tribe of Kansas & Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

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7. NAGPRA Rep. & Kanza Museum Director Crystal Douglass - Kaw Nation - Kaw City, OK - electronic mail and regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Kaw Nation within 30 days after notification through TCNS, the Kaw Nation has no interest in participating in pre-construction review for the site. The Applicant/tower constructor, however, must notify the Kaw Nation in the event archeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. NAGPRA Director Sandra Massey - Sac and Fox Nation of Oklahoma - Stroud, OK - regular mail**9. Historic Preservation Director Johnathan L Buffalo - Sac & Fox Tribe of the Mississippi in Iowa - Tama, IA - regular mail**

Exclusions: For the State of Missouri, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located north of the Missouri River. For the State of Illinois, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located west of the Illinois River.

10. THPO Pam Halverson - Lower Sioux Indian Community of Minnesota - Morton, MN - electronic mail

Exclusions: If the Applicant receives no response from the Lower Sioux Indian Community of Minnesota within 30 days after notification through TCNS, the Lower Sioux Indian Community of Minnesota has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Lower Sioux Indian Community of Minnesota in the event archaeological properties or human remains are discovered during construction.

11. Board Member at Large Scott Larsen - Upper Sioux Community of Minnesota - Granite Falls, MN - electronic mail and regular mail**12. Historic Preservation Officer Rhonda Dixon - Ottawa Tribe of Oklahoma - Miami, OK - electronic mail**

Exclusions: NEW INFORMATION: ALL FINAL COMMENTS ON TCNS TOWER SITES WILL BE IN WRITTEN FORM AND SIGNED INDIVIDUALLY BY RHONDA DIXON, WHICH WILL ALLOW FUTURE AUTHENTICATION BY COMPARING COPIES WITH THE SIGNED, FILED ORIGINALS. THE OTTAWA TRIBE DOES NOT PROVIDE VERBALFINAL COMMENTS. The Ottawa Tribe of Oklahoma has developed procedures for cell tower construction projects. Please contact Rhonda Dixon for a copy of those procedures at 918-540-1536 (phone) or 918-542-3214 (fax). As you will see when you obtain a copy of our procedures, we require photos and a topo map for EVERY proposed site. The Ottawa Tribe of Oklahoma has listed its geographic areas of interest on this web site. We consider this listing to be official notification to all those proposing to construct cell towers in those areas that you need to contact us. For those states where we are interested in all counties, we have listed just the state. For those states where we are interested in only certain counties, we have listed the counties. The Ottawa Tribe of Oklahoma, in concert with its historic preservation consultant

Algonquin Consultants, Inc., is pleased to assist you in complying with your Section 106 requirements. We do not handle any consultation or inquiries by e-mail.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

13. SHPO William L Wheeler - Illinois Historic Preservation Agency - Springfield, IL - regular mail

14. Chief of Staff, Deputy SHPO Theodore Hild - Illinois Historic Preservation Agency - Springfield, IL - electronic mail

15. Deputy SHPO Anne Haaker - Illinois Historic Preservation Agency - Springfield, IL - regular mail

16. SHPO Anita Walker - State Historical Society of Iowa - Des Moines, IA - electronic mail

17. Archaeologist Daniel Higginbottom - State Historical Society of Iowa - Des Moines, IA - electronic mail

18. SHPO Nina Archabal - Minnesota Historical Society - St. Paul, MN - regular mail

19. Deputy SHPO Ian Stewart - Minnesota Historical Society - St. Paul, MN - regular mail

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20. Deputy SHPO Britta L Bloomberg - Minnesota Historical Society - St. Paul, MN - electronic mail and regular mail

21. SHPO Stephen Mahfood - State Department of Natural Resources - Jefferson City, MO - regular mail

22. Deputy SHPO, Director Mark Miles - Historic Preservation Program, Division of State Parks - Jefferson City, MO - electronic mail

23. Deputy SHPO Sara Parker - State Department of Natural Resources - Jefferson City, MO - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/28/2008

Notification ID: 42840

Tower Owner Individual or Entity Name: Hardin, County of

Consultant Name: Rey Freeman

Street Address: 1116 - 14th Ave

City: Eldora

State: IOWA

Zip Code: 50627

Phone: 641-939-8189

Email: rfreeman@isd.net

Structure Type: GTOWER - Guyed Tower

Latitude: 42 deg 23 min 55.3 sec N

Longitude: 93 deg 8 min 36.8 sec W

Location Description: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles nw of

City: Eldora

State: IOWA

County: HARDIN

Ground Elevation: 329.2 meters

Support Structure: 100.6 meters above ground level

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Overall Structure: 106.7 meters above ground level
Overall Height AMSL: 435.9 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:
<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,

Twelve Native American Tribes were included in the automated distribution list generated by the FCC. Consultation was successfully completed for all 12 tribes in the manner that each respective tribe requested in the TCNS notification listed above. A summary of the correspondence with each Tribe with interest in the general project area is summarized below, in Table 1.

Listed below are the tribes that were automatically included in the distribution process, along with the status of their responses.

<u>Table 1: Hardin County Tower Project Tribal Consultation Summary</u>				
TCNS #42840, Notification sent by FCC to Tribes: August 1, 2008				
	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
1	Lower Brule Sioux Tribe	Yes- sent via mail project description	9/16/2008	Rec'd email from tribe 12/9/08 no interest
2	Sisseton-Whapeton Oyate of Lake Traverse Reservation	Yes- sent via mail project description, site & aerial	9/16/2008	Rec'd email from tribe 12/9/08 no interest
3	Ponca Tribe of Nebraska	No	n/a	Rec'd email from tribe 8/6/08 no interest
4	Omaha Tribe of Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

5	Winnebago Tribe of Nebraska	No	Left Voice Message 9/16/08	Rec'd email from tribe 4/4/09 no interest
6	Iowa Tribe of Kansas / Nebraska	No	n/a	No interest in project area if Tribe does not respond within 30 days after notification through TCNS
7	NAGPRA / Kanza Museum, Kaw Nation of Oklahoma	No	n/a	Rec'd email from tribe 11/14/08 no interest
8	Sac & Fox Nation of Oklahoma	No	Voice message 9/16/08	Rec'd email from tribe 9/17/08 no interest
9	Sac & Fox Tribe of Mississippi in Iowa	No	n/a	Rec'd email from tribe 8/14/08 no interest
10	Lower Sioux Indian Community of MN	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
11	Upper Sioux Community of MN	Yes- sent via mail project description, site & aerial	Email 9-16-08	No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.
12	Ottawa Tribe of Oklahoma	Yes- sent via mail project description, site & aerial	9/16/2008	Letter sent 9/16/08. Email sent 12/16/08. No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

Attachment 4 – Local Government

a. Has any local government agency been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Agreement? If so, list the local government agencies contacted.

All radio communications towers to be constructed in Hardin County are required to be reviewed and approved by Hardin County's Planning and Zoning Commission. The construction plans for the Eldora tower were presented at a meeting of the Hardin County Zoning Board of Adjustment on September 30, 2008, at 7:00 PM in the conference room of the Hardin County Engineer's Office, 708 16th Street, Eldora, Iowa. After this review of the Special Use application, the Board subsequently approved the Permit.

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

b. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices). If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.

Not Applicable.

Attachment 5 – Public Involvement

Describe measures taken to obtain public involvement in this project (e.g., notices, letters, or public meetings). Provide copies of relevant documentation.

Notices:

Public Notice of Radio Tower Construction, published in the Iowa Falls, Iowa, Times-Citizen of August 6 and August 13, 2008. Text as follows:

“The government entity of Hardin County, Iowa, is in the process of planning for upgrades to their public safety radio communications systems. This project will require the construction of a new 350-foot radio tower, to be located 3.5 miles northwest of Eldora, near the intersection of County Roads D41 and S55, on the old County Home property. The County requests comments from members of the public who believe this tower may have an adverse effect on historic properties, listed or eligible for listing in the National Register of Historic Places. Interested parties may obtain copies of relevant documents in the review process from the Hardin County Sheriff’s Department, Attention Sheriff Tim Smith, 1116 – 14th Ave, Eldora, Iowa, 50627, 641-939-8189. Any comments regarding this tower are to be submitted to the Hardin County Sheriff’s Department, Attention Sheriff Tim Smith, no later than Sept. 1, 2008 @ 4:00 p.m.”

No objections or concerns were received from any members of the public.

Letters:

Not applicable.

Public Meeting:

Notice of Public Hearing

Hardin County Zoning

Tues, Oct 28, 2008, 7:00 PM, in the conference room of the Hardin County Engineer’s Office, 708 16th Street, Eldora, Iowa. The purpose of the meeting was to consider the request of the Hardin County Sheriff for a conditional use permit for the new construction of a 350’ county communications tower and control structure.

Attachment 6 -Additional Consulting Parties

List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

The tower project plans were sent to the following state and federal agencies for review:

- U.S. Fish and Wildlife Service (see Correspondence with the USWFS in Appendix F of the Environmental Assessment)
- Iowa Department of Natural Resources (see Correspondence with the IDNR in Appendix G of the Environmental Assessment)

Attachment 7 - Areas of Potential Effects

a. Describe the APE for direct effects and explain how this APE was determined. The APE for direct effects is limited to the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed by the Undertaking (FCC04-22 pp 16 Section VI.C.1).

Surveyors based the APE - direct effects on maps and data provided by GeoComm, Inc. At the time of the survey, the tower site was staked; surveyors examined an area larger than the potentially disturbed areas, which included the tower base, transmitter building, tower anchors, entrance road, utility corridor, and other ground disturbances associated with construction.

b. Describe the APE for visual effects and explain how this was determined (FCC04-22 pp 17 S)

- a. Within ½ mile from tower site if proposed Tower height is 200 ft or less;
 b. Within ¾ mile from tower site if proposed Tower height >200 but less than 400 ft;
 c. Within 1 ½ miles from proposed tower site if proposed Tower height is >400 ft;

Attachment 8 -Historic Properties Identified in the APE for Visual Effects

a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement.²

² Section VI.D.1.a. of the Nationwide Agreement requires the Applicant to review publicly available records to identify within the APE for visual effects: i) properties listed in the National Register; ii) properties formally determined eligible for listing by the Keeper of the National Register; iii) properties that the SHPO/THPO certifies are in the process of being nominated to the National Register; iv) properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and, v) properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register criteria, and that are identified accordingly in the SHPO/THPO Inventory.

No such properties have been identified.

- b. **Provide name and address (including U.S.P.S. ZIP Code) of each Historic Property in the APE for visual effects, not listed in Attachment 8a, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).**

No such properties have been identified.

- c. **For any properties listed on Attachment 8a that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.**

Not Applicable.

Attachment 9 -Historic Properties Identified in the APE for Direct Effects

- a. **List all properties identified in Attachment 8a or 8b within the APE for direct effects.**

None present.

- b. **Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in Attachment 9a, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant’s research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.**

Hardin County Home (Hardin County Poor Farm, Hardin County Farm, Hardin County Care Facility), 28483 County Highway D41, Jackson Township (W ½ of SW & E ½ of SE, Section 26, T88N R20W).

The Hardin County Home property is eligible for listing on the National Register of Historic Places under Criterion A for its historic association with this aspect of the social history of Hardin County. The question of how to care for the less fortunate residents arose in the late 19th century, marked with the establishment of county homes throughout the state. The responsibility of the county to care for these residents continued through the 20th century, evolving to new profiles for residents by the middle of the 20th century. While the Hardin County Home continued to operate here until the late 1990s, the buildings and property features continue to reflect this significant history in Hardin County.

- c. **Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects.³ If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphologic evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.⁴**

Applicant’s Name: Hardin County Sheriff’s Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

Archaeological Survey

Wapsi Valley Archaeology, Inc. (Toby A. Morrow, Principal Investigator) conducted the archaeological survey. The Iowa site records search indicated that no archaeological sites had been recorded in or near the project area and that no archaeological surveys had been completed within one mile of the proposed project. An examination of several historical sources (Andreas 1970 [1875]; Harris and Warner 1875; North West 1892; Gardner Map and Atlas 1903; Midland Map 1918; Hixson 1930) showed no evidence of buildings or other structures within or adjacent to the APE (direct).

The archaeological surveyors explored the project area on October 2 and 3, 2008. The setting of this tower site is high, rolling uplands at the headwaters of small unnamed tributaries of Beaver Creek. At the time of the fieldwork, the project area was in mature soybeans that had largely defoliated. Ground surface visibility ranged from 25 to 80 percent.

Surveyors walked across the entire project area at 5 meter intervals. At the time of the survey there were stakes at the tower base and the three guy wire anchor positions. They conducted a subsurface auger test at each of these four staked locations to document the soil stratigraphy and sample the soils for the presence of buried cultural material. These tests extended well into subsoil in 10 cm arbitrary levels. They screened all sediments through 114 inch wire mesh.

These tests revealed a surficial plowzone from 20 to 25 cm thickness overlying a loamy and gravelly B horizon. On the most level ground, the area of the compound, they identified this soil profile as consistent with **Clarion loam, 2 to 5 percent slopes** (138B), and on the surrounding downslopes, the location of the anchors, they identified **Clarion loam, 5 to 9 percent slopes, moderately eroded** (138C2) (NRCS Official Soil Series). These determinations are consistent with the NRCS soil survey for Hardin County (Voy 1985). The surveyors observed no cultural material on the ground surface or in the spoils of these auger tests.

Wapsi Valley Archaeology’s Principal Investigator concluded that there was no evidence of cultural resources and, hence, no historic properties, within the APE (direct).

Auger Test Data

1. West Tower Anchor

0 – 20 cm	Very dark grayish brown	10 YR 3/2	loam
20 – 35 cm	Very dark gray	10 YR 3/1	loam
35 – 50 cm	Dark gray	10 YR 4/1	loam

3 Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological historic properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate.

4 Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if one of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.

2. Tower Base

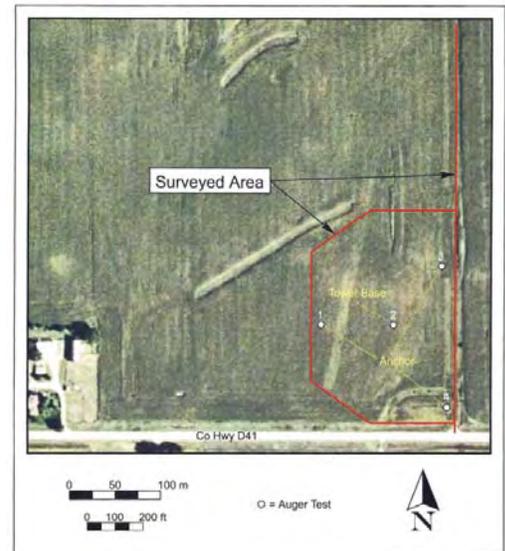
0 – 20 cm	Very dark gray	10 YR 3/1	loam
20 – 35 cm	Dark gray	10 YR 4/1	loam
35 – 50 cm	Grayish brown	10 YR 5/2	loam

3. North Tower Anchor

0 – 20 cm	Very dark grayish brown	10 YR 3/2	loam
20 – 30 cm	Yellowish brown	10 YR 5/4	loam

4. South Tower Anchor

0 – 20 cm	Very dark gray	10 YR 3/1	loam
20 – 35 cm	Dark gray	10 YR 4/1	loam
35 – 50 cm	Gray	10 YR 5/1	loam



Survey Area and Auger Tests
Extract from FSA 2006 Digital Color Orthophoto

Architectural Survey

Spark Architectural Consulting (Rebecca Lawin McCarley, Principal Investigator) conducted background and ground surveys of architectural resources within the APE of the proposed undertaking (direct and visual).

The background survey of Iowa architectural site records did not yield evidence of any architectural resources listed or eligible as historic properties, as defined within the NHPA.

The field survey identified one property with extant buildings within the APE (direct):

Hardin County Home (Hardin County Poor Farm, Hardin County Farm, Hardin County Care Facility), 28483 County Highway D41, Jackson Township (W ½ of SW & E ½ of SE, Section 26, T88N R20W).

Analysis of this structure resulted in its interpretation as eligible for listing in the National Register of Historic Places.

Hardin County Home

The buildings historically associated with the Hardin County Home are located about 1,250 feet to the west of the proposed tower site. The buildings are concentrated in the southeast corner of the east half of the southwest quarter, including the 1926 three-story brick Hardin County Home with 1953 two-story brick addition, the 1920s tile block pump house, 1920s gambrel-roof frame barn with tile block lower level, 1970s hip-roof one-story shop, and 1970s gable-roof metal equipment building.

The Hardin County Home was established through a land purchase about four miles northwest of the county seat of Eldora. A building was constructed in the southeast corner of the parcel (east half of the southwest quarter of Section 26), and a cemetery was established in the southwest corner. In the 1880s, the property was expanded to include the area to the east (west half of the southeast quarter of Section 26, south of the railroad). Maps from 1892, 1903, and 1918 show a building (home) facing the road, with

a building (likely a barn) immediately behind it. Drainage District No. 78 extended through the west half of the property in 1916, as depicted on the 1918 map. A fire destroyed the home in the early 1920s. A new brick “fire proof” County Home was built in 1926, along with new barns. The home served the needs of the county until the late 1940s. With changing conditions and a demand for new space, an addition was planned in 1950 and constructed in 1953 on the west side of the original building. The County Home began to serve more as a nursing home for county residents, and in the 1970s, it expanded with the addition of two new buildings. In the late 1990s, the County decided to close the home and move the residents into Eldora. In 2001, the county sold a 4-acre parcel with the remaining buildings to the current private owner. A grove of apple trees remains on the west side.

The County retained the lands outside the building cluster and leased them as cropland; the tower site is at the east edge of these fields. The Hardin County Home Cemetery remains in the southwest corner of the property.

The Hardin County Home property is eligible for listing on the National Register of Historic Places under Criterion A for its historic association with this aspect of the social history of Hardin County. The question of how to care for the less fortunate residents arose in the late 19th century, marked with the establishment of county homes throughout the state. The responsibility of the county to care for these residents continued through the 20th century, evolving to new profiles for residents by the middle of the 20th century. While the Hardin County Home continued to operate here until the late 1990s, the buildings and property features continue to reflect this significant history in Hardin County.

Additional research may reveal architectural significance as well. It does not appear to have any significance under Criterion B, association with significance persons.

The boundary for a Hardin County Home historic district encompasses the historic buildings, fields, and cemetery associated with the property (east half of the southwest quarter and west half of the southeast quarter south of the railroad of Section 26). Contributing buildings and sites include the Hardin County Home, pump house, barn, and Hardin County Home Cemetery.

Attachment 10 - Effects on Identified Properties

For each property identified as a Historic Property in Attachments 8 and 9: Indicate whether the Applicant believes the proposed undertaking would have a) no effect; b) no adverse effect; or, c) an adverse effect. Explain how each such assessment was made. Provide supporting documentation where necessary.

The boundary for a Hardin County Home historic district encompasses the historic buildings, fields, and cemetery associated with the property (east half of the southwest quarter and west half of the southeast quarter south of the railroad of Section 26). This area includes the location of the proposed communications tower, at the east edge of the west half of the southeast quarter of Section 26. The tower site is approximately 1,250 feet to the east-northeast of the buildings that contribute to the historic district. Generally open fields are located between these buildings and the tower site – fields that once provided sustenance for the residents of the Home. As the boundary includes the fields, the proposed tower will cause adverse effects, direct and visual, on this historic property.

Describe any alternatives that have been considered to avoid, minimize, or mitigate any adverse effects. Explain Applicant’s conclusion regarding feasibility of each alternative.

The Principal Investigator suggested that the Adverse Effect could be mitigated through one or several methods, upon concurrence with the Historic Preservation Office — State Historical Society of Iowa. Possible methods to mitigate the Adverse Effect included:

- a. Permitting co-locations so that additional towers need not be constructed nearby;
- b. Removing the tower when services are no longer needed via the tower; and
- c. Preparing a National Register of Historic Places nomination for the Hardin County Home Historic District, documenting the buildings, history of the property, and historic context on the significant association of the county home to social history of Hardin County and the relation of this County Home to others in the state.

The review by the Iowa State Historical Society’s State Historical Preservation Office (SHPO) of the recommendations above for the County Home property (letter, Ralph Christian, Historian, SHPO to Sheriff Tim Smith, Hardin County, July 13, 2009) stated: “your plan to prepare an application for the County Home property, and submit it to SHPO and the State Nomination Review Committee (SNRC) by February 2010, meets our mitigation criteria for this site.... Based on your proposed actions, we conclude that this serves as an appropriate mitigation process for this site, and therefore we have no objection to the construction of your new tower site”.

Attachment 11 -Photographs

Except in cases where no Historic Properties were identified within the APE, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map (see Item 12 below) or text, and dated; the focal length of the lens should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

- a. Photographs taken from the tower site showing views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the proposed tower.



View North to Tower Site

Photo: Spark Consulting



View North from Tower Site
Photo: Spark Consulting



View East from Tower Site
Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



View South from Tower Site
Photo: Spark Consulting



View West from Tower Site, showing Hardin County Home property
Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

b. Photographs of all listed and eligible properties within the Areas of Potential Effects.



Hardin County Home property (1971 Aerial Photograph – Spark Consulting)

c. Photographs of all listed and eligible properties within the Areas of Potential Effects. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.



View East to Tower Site from Hardin County Home property

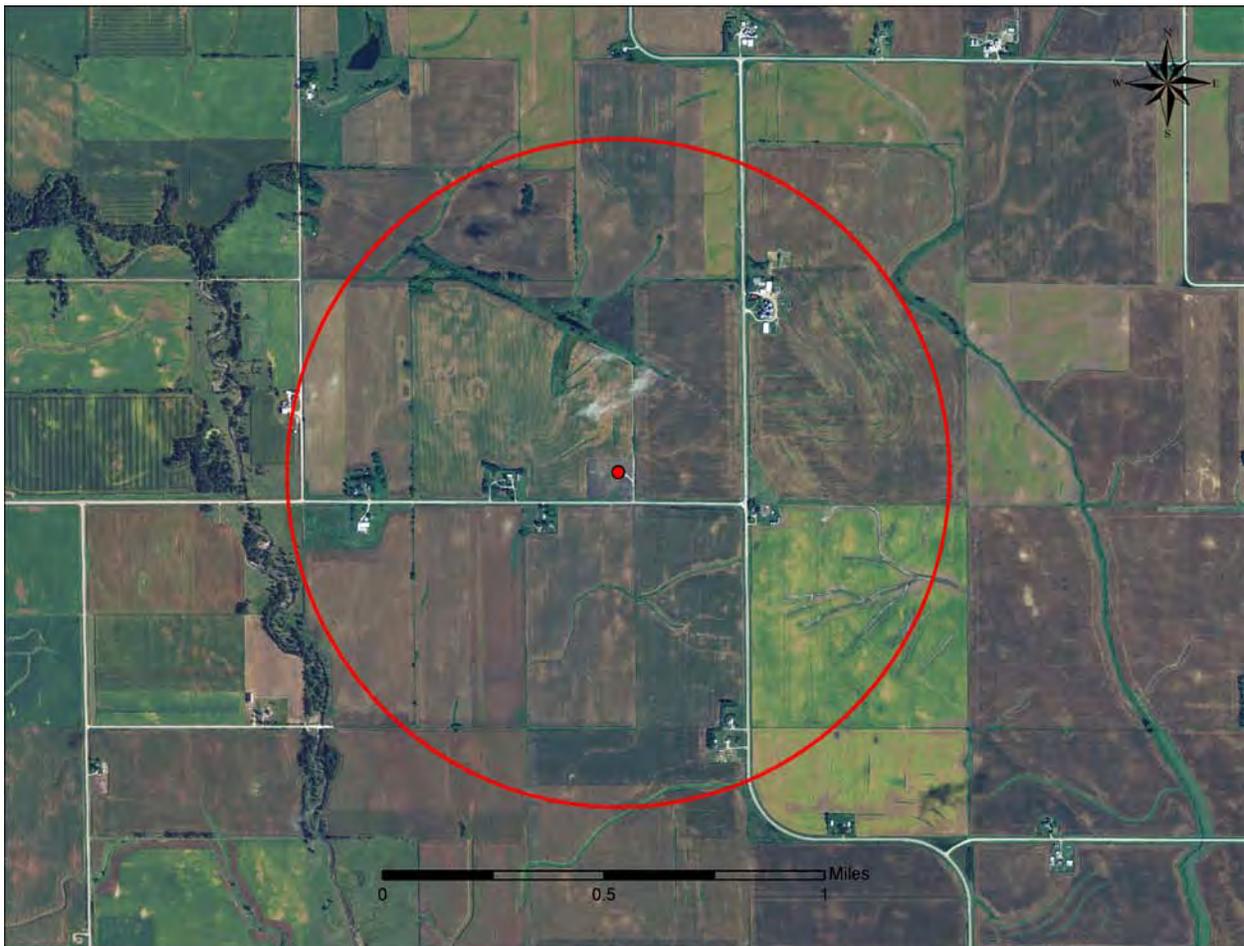
Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

- d. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.

Photograph of tower site from Hardin County Home

- e. Aerial photos of the APE for visual effects.



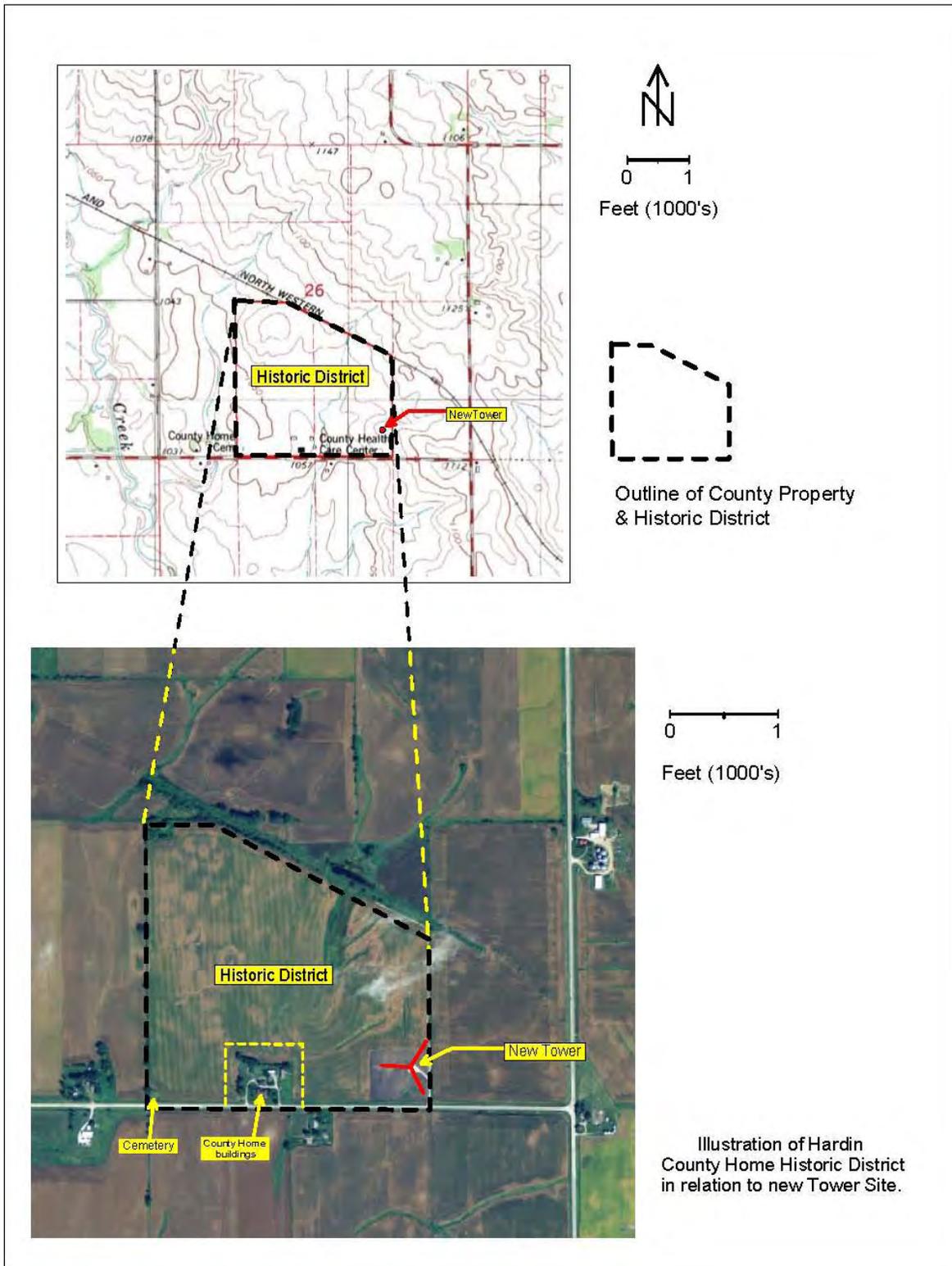
Eldora Tower Visual APE
FSA Digital Color Orthophoto

Attachment 12 –Maps



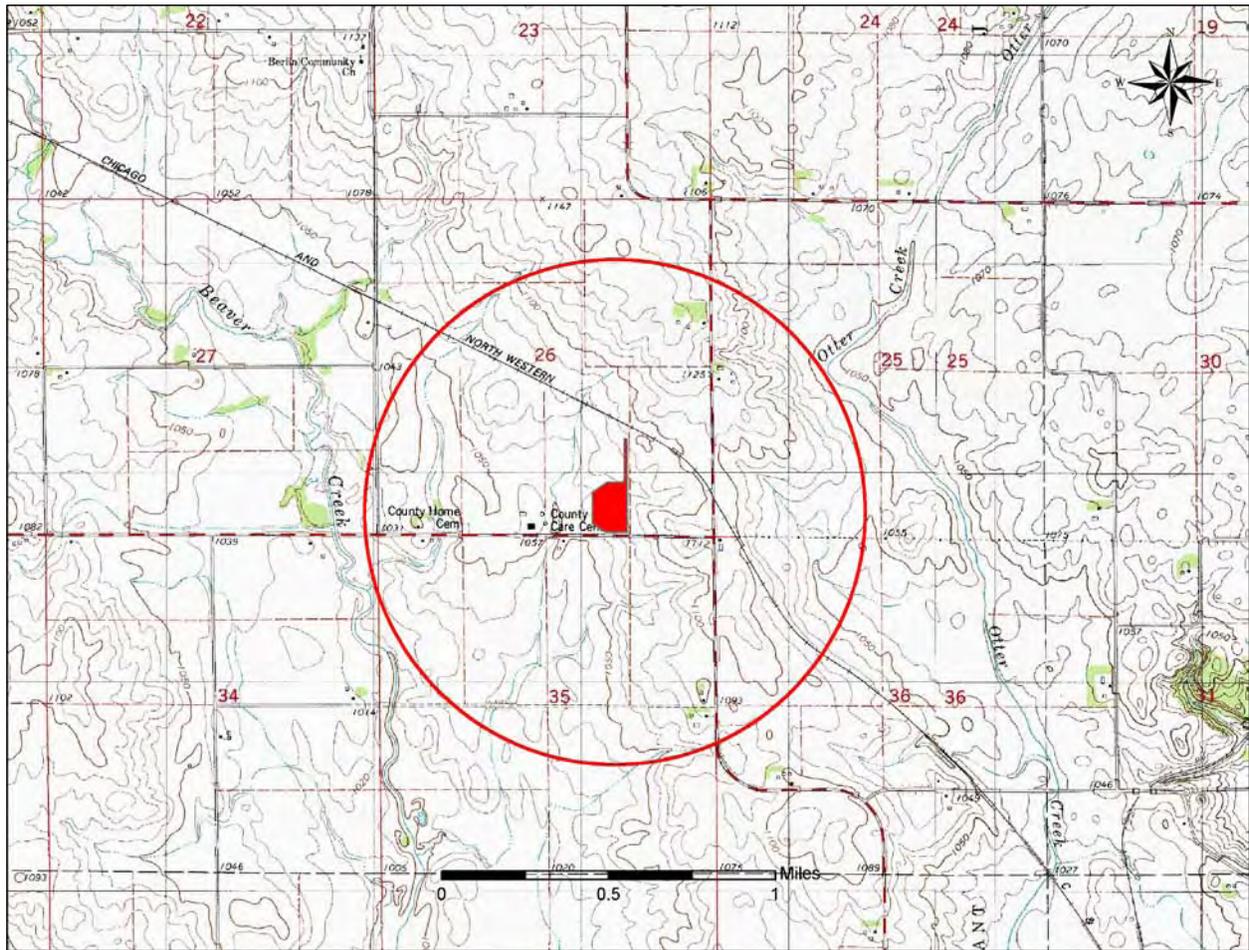
Tower Site in Rural Area Northwest of Eldora, Iowa

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



Eldora Tower Project Area, with Proposed Historic District

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



Archaeological Survey Location (APE Direct)
and ¾ mile APE (Visual)
USGS 7.5' Topographic Quadrangle, Eldora, IA (1979)
Scale: 1:24000

Bibliography and References Cited

All reports included in the Submission Packet should be footnoted and contain a bibliography of the sources consulted.

Footnotes may be in a form generally accepted in the preparer's profession so long as they identify the author, title, publisher, date of publication, and pages referenced for published materials. For archival materials/documents/letters, the citation should include author, date, title or description and the name of the archive or other agency holding the document.

A bibliography should be appended to each report listing the sources of information consulted in the preparation of the report. The bibliography may be in a form generally accepted in the preparer's profession.

Note: All references or footnotes are included in the text above.

Appendix I

Tribal Consultation Documentation

Table 3-2: Hardin County Tower Project Tribal Consultation Summary

TCNS #42840, Notification sent by FCC to Tribes: August 1, 2008

	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
1	Lower Brule Sioux Tribe	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Rec'd email 12/9/08 no interest
2	Sisseton-Whapeton Oyate of Lake Traverse Reservation	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Rec'd email 12/9/08 no interest
3	Ponca Tribe of Nebraska	No	n/a	Rec'd email 8/6/08 no interest
4	Omaha Tribe of Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
5	Winnebago Tribe of Nebraska	No	Left Voice Message 9/16/08	Rec'd email 4/4/09 no interest
6	Iowa Tribe of Kansas / Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
7	NAGPRA / Kanza Museum, Kaw Nation of Oklahoma	No	n/a	Rec'd email 11/14/08 no interest
8	Sac & Fox Nation of Oklahoma	No	Voice message 9/16/08	Rec'd email 9/17/08 no interest
9	Sac & Fox Tribe of Mississippi in Iowa	No	n/a	Rec'd email 8/14/08 no interest
10	Lower Sioux Indian Community of MN	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
11	Upper Sioux Community of MN	Yes- sent via mail project description, site & aerial photos, site topo map	Email 9-16-08	No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
12	Ottawa Tribe of Oklahoma	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Letter sent 9/16/08. Email sent 12/16/ 08. No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

TCNS Item #1: Automated Response from FCC TCNS Web Site after online filing for Hardin County tower site

Date: 7-28-2008
Subject: Proposed Tower Structure Info - Email ID #1960309
From: towernotifyinfo@fcc.gov
To: rfreeman@isd.net

Dear Rey Freeman,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the tower you have proposed to construct:

Notification Received: 07/28/2008

Notification ID: 42840
Tower Owner Individual or Entity Name: Hardin, County of
Consultant Name: Rey Freeman
Street Address: 1116 - 14th Ave
City: Eldora
State: IOWA
Zip Code: 50627
Phone: 641-939-8189
Email: rfreeman@isd.net

Structure Type: GTOWER - Guyed Tower
Latitude: 42 deg 23 min 55.3 sec N
Longitude: 093 deg 08 min 36.8 sec W
Location Description: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles
nw of
City: Eldora
State: IOWA
County: HARDIN
Ground Elevation: 329.2 meters
Support Structure: 100.6 meters above ground level
Overall Structure: 106.7 meters above ground level
Overall Height AMSL: 435.9 meters above mean sea level

TCNS Item #2: Automated Response from FCC TCNS Web Site after online filing for Hardin County tower site

Date: 8-1-2008

Subject: Notice of Organization(s) which were sent proposed Tower Construction Notification Information - Email ID #1962018

From: towernotifyinfo@fcc.gov

To: rfreeman@isd.net

Cc: kim.pristello@fcc.gov diane.dupert@fcc.gov

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Cultural Resources Director Scott Jones - Lower Brule Sioux Tribe - Lower Brule, SD - electronic mail and regular mail

Exclusions: The Lower Brule Sioux Tribe, Cultural Resources Office, does not subscribe to the 30-day deadline for tower notification responses. Under ordinary circumstances, the Tribe will respond within 7 days, but

reserves the right to respond without prejudice more than 30 days after notification if made necessary by scheduling and workload contingencies. The process is greatly expedited if: a) documents are submitted via email in pdf format; and 2) the subject line contains the TCNS#.

The Tribe requests the following information from applicants proposing the construction of telecommunications towers and ancillary structures within our traditional territory.

IF THE PROJECT IS: a rebuild, co-locate, antenna on existing (non-tower) structure, is within a highway right-of-way, or within an urban (built-up) area, the applicant need only send an initial notification letter with a general description of the undertaking and at least one site photograph, showing the project site in its landscape setting.

ALL OTHER PROJECTS REQUIRE THE FOLLOWING DETAILS:

1. Color photographs towards the proposed locality, sufficient to show the topographic formation at a distance and the Area of Potential Effect. Each photograph should have the actual location of the tower marked.
2. A state-wide map showing the regional location (i.e. with towns, cities, roads and major geographic features).
3. A topographic map (derived from the USGS 7.5' Topographic Quadrangle series) zoomed out to a scale of about 1:20,000 to clearly show the landscape (i.e. with the location in a surrounding area of at least four square miles).
4. A map showing the locations of any known cultural sites of indigenous peoples (i.e., archaeological sites) within a half-mile of the APE.
5. If relevant, a map showing the location of any indigenous cultural site (i.e., archaeological site) within or adjacent to the APE in relation to the locations of proposed structures.
6. A succinct description of the site of the proposed undertaking with bulleted descriptions of local topography, typical vegetation, existing disturbances, archaeological survey results (i.e. as per Section 106, NHPA), and a characterization by the applicant's archaeologist of the potential for buried cultural resources or Traditional Cultural Properties.

Applicants should send this information in a pdf via email to Dr. Brian L. Molyneaux, Cultural Resources Office, Lower Brule Sioux Tribe (BrianMolyneaux@brule.bia.edu).

2. THPO & Tribal Anthropologist Dianne Desrosiers - Sisseton-Wahpeton Oyate of the Lake Traverse Reservation - Sisseton, SD - electronic mail and regular mail

Exclusions: Please provide the Sisseton-Wahpeton Oyate of South Dakota with a topographical map reflecting the proposed site. Please mark the proposed location with an 'x' or an arrow on the map. Please also provide us with a street address for the proposed site. Please send the topo map via regular mail to: Dianne Desrosiers, THPO, at P.O. Box 717, Agency Village, S.D. 57262. If the Applicant receives no response from the Sisseton-Wahpeton Oyate of South Dakota within 30 days after a map has been sent to the

Tribe, the Sisseton-Wahpeton Oyate Tribe has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law. If you have any questions, contact us at 605-698-4972. THANK YOU!

3. Director of Cultural Affairs Gary Robinette - Ponca Tribe of Nebraska - Niobrara, NE - electronic mail

Exclusions: If the Applicant receives no response from the Ponca Tribe of Nebraska within 30 days after notification through TCNS, the Ponca Tribe of Nebraska has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Ponca Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction.

4. Historical Preservation Officer Tony Provost - Omaha Tribe of Nebraska - Macy, NE - electronic mail and regular mail

Exclusions: If the Applicant receives no response from the Omaha Tribe of Nebraska within 30 days after notification through TCNS, the Omaha Tribe of Nebraska has no objection to project, however, the Omaha Tribe will show no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Omaha Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Land Manager Fay Houghton - Winnebago Tribal Council - Winnebago, NE - regular mail

6. TCNS Contact Person Rita Dorste - Iowa Tribe of Kansas & Nebraska - White Cloud, KS - regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Iowa Tribe of Kansas & Nebraska within 30 days after notification through TCNS, the Iowa Tribe of Kansas & Nebraska has no interest in participating in pre-construction review for the proposed site. The Applicant/tower constructor, however, must immediately notify the Iowa Tribe of Kansas & Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

7. NAGPRA Rep. & Kanza Museum Director Crystal Douglass - Kaw Nation - Kaw City, OK - electronic mail and regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Kaw Nation within 30 days after notification through TCNS, the Kaw Nation has no interest in participating in pre-construction review for the site. The Applicant/tower constructor, however, must notify the Kaw Nation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. NAGPRA Director Sandra Massey - Sac and Fox Nation of Oklahoma - Stroud, OK - regular mail

9. Historic Preservation Director Johnathan L Buffalo - Sac & Fox Tribe of the Mississippi in Iowa - Tama, IA - regular mail

Exclusions: For the State of Missouri, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located north of the Missouri River. For the State of Illinois, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located west of the Illinois River.

10. THPO Pam Halverson - Lower Sioux Indian Community of Minnesota - Morton, MN - electronic mail

Exclusions: If the Applicant receives no response from the Lower Sioux Indian Community of Minnesota within 30 days after notification through TCNS, the Lower Sioux Indian Community of Minnesota has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Lower Sioux Indian Community of Minnesota in the event archaeological properties or human remains are discovered during construction.

11. Board Member at Large Scott Larsen - Upper Sioux Community of Minnesota - Granite Falls, MN - electronic mail and regular mail

12. Historic Preservation Officer Rhonda Dixon - Ottawa Tribe of Oklahoma - Miami, OK - electronic mail

Exclusions: NEW INFORMATION: ALL FINAL COMMENTS ON TCNS TOWER SITES WILL BE IN WRITTEN FORM AND SIGNED INDIVIDUALLY BY RHONDA DIXON, WHICH WILL ALLOW FUTURE AUTHENTICATION BY COMPARING COPIES WITH THE SIGNED, FILED ORIGINALS. THE OTTAWA TRIBE DOES NOT PROVIDE VERBALFINAL COMMENTS. The Ottawa Tribe of Oklahoma has developed procedures for cell tower construction projects. Please contact Rhonda Dixon for a copy of those procedures at 918-540-1536 (phone) or 918-542-3214 (fax). As you will see when you obtain a copy of our procedures, we require photos and a topo map for EVERY proposed site. The Ottawa Tribe of Oklahoma has listed its geographic areas of interest on this web site. We consider this listing to be official notification to all those proposing to construct cell towers in those areas that you need to contact us. For those states where we are interested in all counties, we have listed just the state. For those states where we are interested in only certain counties, we have listed the counties. The Ottawa Tribe of Oklahoma, in concert with its historic preservation consultant Algonquin Consultants, Inc., is pleased to assist you in complying with your Section 106 requirements. We do not handle any consultation or inquiries by e-mail.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from

the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

13. SHPO William L Wheeler - Illinois Historic Preservation Agency - Springfield, IL - regular mail
14. Chief of Staff, Deputy SHPO Theodore Hild - Illinois Historic Preservation Agency - Springfield, IL - electronic mail
15. Deputy SHPO Anne Haaker - Illinois Historic Preservation Agency - Springfield, IL - regular mail
16. SHPO Anita Walker - State Historical Society of Iowa - Des Moines, IA - electronic mail
17. Archaeologist Daniel Higginbottom - State Historical Society of Iowa - Des Moines, IA - electronic mail
18. SHPO Nina Archabal - Minnesota Historical Society - St. Paul, MN - regular mail
19. Deputy SHPO Ian Stewart - Minnesota Historical Society - St. Paul, MN - regular mail
20. Deputy SHPO Britta L Bloomberg - Minnesota Historical Society - St. Paul, MN - electronic mail and regular mail
21. SHPO Stephen Mahfood - State Department of Natural Resources - Jefferson City, MO - regular mail
22. Deputy SHPO, Director Mark Miles - Historic Preservation Program, Division of State Parks - Jefferson City, MO - electronic mail
23. Deputy SHPO Sara Parker - State Department of Natural Resources - Jefferson City, MO - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs

that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/28/2008
Notification ID: 42840
Tower Owner Individual or Entity Name: Hardin, County of
Consultant Name: Rey Freeman
Street Address: 1116 - 14th Ave
City: Eldora
State: IOWA
Zip Code: 50627
Phone: 641-939-8189
Email: rfreeman@isd.net

Structure Type: GTOWER - Guyed Tower
Latitude: 42 deg 23 min 55.3 sec N
Longitude: 93 deg 8 min 36.8 sec W
Location Description: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles
nw of
City: Eldora
State: IOWA
County: HARDIN
Ground Elevation: 329.2 meters
Support Structure: 100.6 meters above ground level
Overall Structure: 106.7 meters above ground level
Overall Height AMSL: 435.9 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,

Attachment 3: Tribal Concurrence via TCNS

Subject: FW: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #2016794
From: "Brian L. Molyneaux" <BrianMolyneaux@brule.bia.edu>
Date: Wed, 10 Dec 2008 10:10:46 -0600
To: "Rey Freeman" <rffreeman@geo-comm.com>

Rey, here is a copy of the letter we sent you via the NTCS back in September. It must be lost in your system (happens here too).

Brian

-----Original Message-----

From: towernotifyinfo@fcc.gov [mailto:towernotifyinfo@fcc.gov]
Sent: Monday, September 22, 2008 6:05 PM
To: rffreeman@isd.net
Cc: towernotifyinfo@fcc.gov; Brian L. Molyneaux
Subject: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #2016794

Dear Rey Freeman,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cultural Resources Director Scott Jones of the Lower Brule Sioux Tribe in reference to Notification ID #42840:

After careful consideration of the information you provided, we will not require any additional representations from you on this matter. While our direct concern ends with this letter, we remain committed to the protection and preservation of the natural and cultural resources of all the lands that we share. If project plans include ground disturbance and the applicant discovers cultural material that may call into question the original archaeological, ethnological, or historical evaluation of the project area, or inadvertently exposes human remains, they must cease all planning or construction work and notify the FCC and the Tribe, as per 47 CFR Sec. 1.1312 of the Commission's rules, and abide by other relevant federal or state regulations.

Attachment 3: Tribal and NHO Involvement

Subject: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #1972109
From: towernotifyinfo@fcc.gov
Date: Wed, 6 Aug 2008 13:26:52 -0400 (EDT)
To: rfreeman@isd.net
CC: towernotifyinfo@fcc.gov

Dear Rey Freeman,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Director of Cultural Affairs Gary Robinette of the Ponca Tribe of Nebraska in reference to Notification ID #42840:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the FCC and the Tribe, pursuant to 47 C.F.R Sec. 1.1312 of the Commission's rules.

Subject: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #2067526
From: towernotifyinfo@fcc.gov
Date: Fri, 14 Nov 2008 10:49:41 -0500 (EST)
To: rfreeman@isd.net
CC: towernotifyinfo@fcc.gov, cdouglass@kawnation.com

Dear Rey Freeman,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from NAGPRA Rep. & Kanza Museum Director Crystal Douglass of the Kaw Nation in reference to Notification ID #42840:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the FCC and the Tribe, pursuant to 47 C.F.R Sec. 1.1312 of the Commission's rules.

Attachment 3: Tribal and NHO Involvement

Subject: TCNS #42840
From: "Sandra Massey" <smassey@sacandfoxnation-nsn.gov>
Date: Wed, 17 Sep 2008 11:23:01 -0500
To: <rffreeman@geo-comm.com>

Dear Mr. Freeman:

As the Historic Preservation Officer of the Sac and Fox Nation of Oklahoma I thank you for contacting me in regard to the project in Eldora, Iowa under TCNS #42840.

Mr. Johnathan Buffalo, Historic Preservation Officer for the Sac and Fox Tribe of the Mississippi in Iowa (the Meskwaki Nation), is our representative in Iowa and this office defers to him concerning any project there.

In the event that your company has not received communication from Mr. Buffalo, the Sac and Fox Nation of Oklahoma then concurs with the opinion of the State Historic Preservation Office of Iowa.

Thank you!

Sincerely,

Sandra Kaye Massey
Historic Preservation Officer
Sac and Fox Nation of Oklahoma
Rt. 2, Box 246
Stroud, Oklahoma 74079
(918) 968-3526 x 1048

Attachment 3: Tribal and NHO Involvement

Subject: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #1981895
From: towernotifyinfo@fcc.gov
Date: Thu, 14 Aug 2008 16:31:56 -0400 (EDT)
To: rfreeman@isd.net
CC: towernotifyinfo@fcc.gov, jlbuffalo@meskwaki.org

Dear Rey Freeman,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Historic Preservation Director Johnathan L Buffalo of the Sac & Fox Tribe of the Mississippi in Iowa in reference to Notification ID #42840:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the FCC and the Tribe, pursuant to 47 C.F.R Sec. 1.1312 of the Commission's rules.

Subject: Re: [Fwd: TCNS #42840 Eldora Iowa]
From: James Whitted <jmswhitted@yahoo.com>
Date: Mon, 8 Dec 2008 11:41:05 -0800 (PST)
To: rfreeman@geo-comm.com

Dear Rey,

Thank you for giving the Sisseton Wahpeton Oyate THPO the opportunity to comment on your proposed project. Our office responds to requests for comment on tower projects in SD, ND, Mn. and Iowa on a weekly basis, which amounts to roughly 30 projects per week. If we do not comment on your project or request additional information, within the 30 day comment period set by the FCC, we have no concern with that particular project.

Thank You.

Jim Whitted
Tribal Historic Preservation Office Coordinator
205 Oak Street East Suite 207
P.O. Box 907
Sisseton, SD 57262
Phone: 605-698-4972
Fax: 605-698-7054
jmswhitted@yahoo.com

Barry Harrison

From: Rey Freeman [rfreeman@isd.net]
Sent: Saturday, June 11, 2011 8:54 AM
To: Barry Harrison
Subject: [Fwd: Reply to Proposed Tower Structure (Notification ID #42840)]

Here you go.....

----- Original Message -----

Subject: Reply to Proposed Tower Structure (Notification ID #42840) - Email ID #2191079

Date: Mon, 4 May 2009 15:11:58 -0400 (EDT)

From: towernotifyinfo@fcc.gov

To: rfreeman@isd.net

CC: towernotifyinfo@fcc.gov, theking@huntel.net

Dear Rey Freeman,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS).

The following message has been sent to you from Repatriation Director David Smith of the Winnebago Tribe of Nebraska in reference to Notification ID #42840:

We have no interest in this site. However, if the Applicant discovers

archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the FCC and the Tribe, pursuant to 47 C.F.R. Sec. 1.1312 of the Commission's rules.

For your convenience, the information you submitted for this notification is detailed below

Notification Received: 07/28/2008
Notification ID: 42840
Tower Owner Individual or Entity Name: Hardin, County of
Consultant Name: Rey Freeman
Street Address: 1116 - 14th Ave
City: Eldora
State: IOWA
Zip Code: 50627
Phone: 641-939-8189
Email: rfreeman@isd.net

Structure Type: GTOWER - Guyed Tower
Latitude: 42 deg 23 min 55.3 sec N
Longitude: 93 deg 8 min 36.8 sec W
Location Description: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles nw of
City: Eldora
State: IOWA
County: HARDIN
Ground Elevation: 329.2 meters
Support Structure: 100.6 meters above ground level
Overall Structure: 106.7 meters above ground level
Overall Height AMSL: 435.9 meters above mean sea level

6/11/2011

Subject: Proposed Construction of Communications Facilities Notification of Final Contacts -
Email ID #6472
From: towernotifyinfo@fcc.gov
Date: 16 Apr 2009 09:06:12 -0400
To: rfreeman@isd.net
CC: Diane.Dupert@fcc.gov, Kim.Pristello@fcc.gov

Hardin, County of
Rey Freeman
1116 - 14th Ave
Eldora, IA 50627

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's recent Declaratory Ruling (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 04/09/2009 and 04/16/2009. Our contact with these Indian Tribes or NHOs was sent on 04/16/2009.

Thus, as described in the Declaratory Ruling (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 20 calendar days of 04/16/2009, your obligations under Section IV of the NPA with respect to these Indian Tribes or NHOs are complete(3). If an Indian Tribe or NHO responds that it is interested in participating within the 20 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review(4). In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Indian Tribe or NHO. An Indian Tribe's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Indian Tribe or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Dan Abeyta
Assistant Chief
Spectrum and Competition Policy Division
Wireless Telecommunications Bureau

1) See Clarification of Procedures for Participation of Federally Recognized Indian Tribes and Native Hawaiian Organizations Under the Nationwide Programmatic Agreement, Declaratory Ruling, FCC 05-176 (released October 6, 2005) (Declaratory Ruling).

2) Id S 8-10.

3) We note that, under the Declaratory Ruling, an expression of interest by an Indian Tribe or NHO addressed solely to the Commission staff during the 20-day period is sufficient even if it does not contact the Applicant.

4) Id at S 11.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 42840 Referred Date: 04/14/2009 Location: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles nw of, Eldora, IA

Tribe Name: Ottawa Tribe of Oklahoma

Tribe Name: Upper Sioux Community of Minnesota

LEGEND:

* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.

Appendix J
PSIC Grant Environmental Land Use
Compliance Checklist

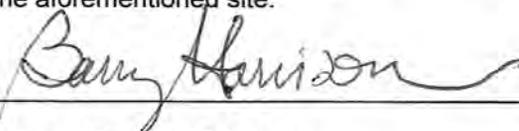
Hardin County Sheriff's Department
PSIC GRANT ENVIRONMENTAL LAND USE COMPLIANCE CHECKLIST

Site Name: Hardin County Tower Site Facility Site Number: NA

Site Location: SW/4, SE/4, S26, T88N, R20W, Hardin County, IA 50627

	PSIC Grant – NEPA Category	No Impact	No Significant Impact	Significant Impact
1	Is the proposed action likely to cause significant noise impacts?		X	
2	Is the proposed action likely to cause significant air quality impacts?		X	
3	Will the proposed action likely adversely affect geologic and soil resources?		X	
4	Will the proposed action likely adversely affect water resources such as surface water, sole source aquifers, coastal zones, floodplains, and wild and scenic rivers?		X	
5	Will the proposed action likely adversely affect biological resources such as wildlife, vegetation, wetlands, threatened and endangered species or designated critical habitats?		X	
6	Will the proposed action affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed (or eligible for listing) in the National Register of Historic Places or Indian Religious sites?		X	
7	Is the proposed action likely to cause significant aesthetic and visual impacts?		X	
8	Will the proposed action involve significant impacts in land use?		X	
9	Is the proposed action likely to significantly impact infrastructure?		X	
10	Is the proposed action likely to significantly impact socioeconomic resources?		X	
11	Is the proposed action likely to significantly impact human health and safety?		X	

The undersigned has reviewed and approved the completion of this PSIC Grant Environmental Land Use Compliance Checklist for the aforementioned site.

Preparer's Signature:  Date: June 9, 2011

Printed Name and Title: Barry Harrison, Principal

Company Name: Land Recyclers, Inc

Appendix K
FCC NEPA Land Use Compliance Checklist &
Summary Report

FCC NEPA COMPLIANCE CHECKLIST
& SUMMARY REPORT

INCLUDING TRIBAL CONSULTATION

for

Hardin County Radio Communications Tower Facility
Hardin County, Iowa

prepared for

Hardin County Sheriff's Department
1116 – 14th Ave
Eldora, Iowa 50627

prepared by

Land Recyclers Inc.



4853 Lilac Place North

Lake Elmo, MN 55042

(651) 430 - 3854

landrecycle@comcast.net

June 2011

Hardin County Sheriff's Department
FCC NEPA Land Use Compliance Checklist
(47 CFR Subpart 1, Chapter 1, Sections 1.1301-1.1319)

Site Name: Hardin County Tower Site Facility Site Number: NA

Site Address: SW/4, SE/4, S26, T88N, R20W, Hardin County, IA 50627

Category	Special Interest Item	Potential Effect	
		Yes	No
1	Is the antenna structure located in an officially designated wilderness area?		X
2	Is the antenna structure located in an officially designated wildlife preserve?		X
3	Will the antenna structure likely affect threatened or endangered species or designated critical habitats? (Ref. 50 CFR Part 402)		X
4	Will the antenna structure affect districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? (Ref. 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act)		X
5	Will the antenna structure affect Indian religious site(s)?		X
6	Will the antenna structure be located in a flood plain? (Ref. Executive Order 11988 and 40 CFR Part 6, Appendix A)		X
7	Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? (Ref. Executive Order 11990 and 40 CFR Part 6, Appendix A)		X
8	Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?		X
9	a) Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above ground level?		X
	b) Will the rooftop antenna project equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP)?		X

Attach this Checklist to the NEPA Summary Report along with relevant regulatory correspondence documenting No. 3 and No. 4

If any of the above responses is "yes", an Environmental Assessment must be prepared and filed with FCC Form 854. Construction can not start until FCC issues a "Finding of No Significant Impact" (FONSI)

Preparer's Signature: Rey Freeman Date: July 13, 2009

Printed Name and Title: Rey Freeman, Communications Consultant

Company Name: GeoComm

APPENDIX K: FCC NEPA SUMMARY REPORT

Hardin County Tower Site Facility FCC NEPA Summary Report (47 CFR Subpart 1, Chapter 1, Sections 1.1301-1.1319)

Site Name: Hardin County Tower Site Facility Site Number: NA

Site Address: SW/4, SE/4, S26, T88N, R20W, Hardin County, IA 50627

City/County: Eldora / Hardin County State: Iowa

1. Is the antenna structure located in an officially designated wilderness area?

The location of the Proposed (and since completed) Project is shown on Figures 1 through 3 (please see Section 1: MAPS & FIGURES of this FCC NEPA Summary Report). Photographs showing the Proposed (and since completed) Tower location and surrounding land use is shown in Figures 5 through 15. As depicted in Figure 16, a Designated Land Use Map and as indicated on the Department of Agriculture's list of wilderness areas (available at <http://www.wilderness.net/index.cfm?fuse=NWPS>), the Project Site was not located in an officially designated wilderness area. In addition, according to Land Recycler's Inc (LRI's) review of available on-line resources, the Project Site was not located in: a National Park (list available at www.nps.gov/gis, NPS Interactive Map Center), a designated Scenic and Wild River (available at <http://www.rivers.gov/wildriverslist.html>), a land area managed by the Bureau of Land Management (available at www.blm.gov/nhp/facts/index.htm), or within 1 mile of a National Scenic Trail as identified by the National Park Service (available at http://www.nps.gov/ncrc/programs/nts/nts_trails.html). At the time of tower construction in 2009, and at the time of writing this report, July 4, 2011, the Tower and parent properties were owned by Hardin County.

2. Is the antenna structure located in an officially designated wildlife preserve?

As depicted in Figure 16, Designated Land Use Map, the Project Site was not located in an officially designated wildlife preserve. In addition, according to LRI's review of available on-line resources, the Project Site was not located in a US Fish and Wildlife Service National Wildlife Refuge (available at <http://www.fws.gov/refuges/refugeLocatorMaps/index.html>).

3. Will the antenna structure likely affect threatened or endangered species or designated critical habitats? (Ref. 50 CFR Part 402)

The Iowa Department of Natural Resources was queried (review request dated September 26, 2008 – see Environmental Assessment, APPENDIX G) to determine if their records of the project area indicated the proposed telecommunications project would have any impacts on rare species or significant natural communities. In a response letter dated October 17, 2008 (APPENDIX G) the IDNR did reply that they have searched their records of the project area and found no site-specific records of rare species or other significant natural communities that would have been impacted by this project. The letter did say that it was a record of review for protected species, rare natural communities, state lands and waters in the project area, including review by personnel representing state parks, preserves, recreation areas, fisheries and wildlife.

Based on the information currently available on the U.S. Fish and Wildlife Service (USFWS) website for the Midwest (available at <http://www.fws.gov/midwest/endangered/lists/state->

APPENDIX K: FCC NEPA SUMMARY REPORT

[ia.html](#), revised January 2011) and a review by the Iowa DNR of the listed threatened or endangered species for Iowa, three federally listed threatened (and no endangered) species were identified in Hardin County. The following table compares the species habitat and the conditions at the Project Site and vicinity:

Listing	Federal Status	Suitable Habitat	Project Site Habitat
Western prairie fringed orchid (<i>Platanthera praeclara</i>)	Threatened	Wet prairies and sedge meadows; mesic to wet unplowed tallgrass prairies and meadows (USFWS, 2011a).	The Tower Site is located in cultivated prime farmland & farmland of statewide importance. The surrounding lands are also similar cultivated farmland. The Tower Site lacks any native vegetation.
Prairie bush clover (<i>Lespedeza eptostachya</i>)	Threatened	Dry to mesic prairies with gravelly soil; Prairie with moderately damp to dry soils (USFWS, 2011b).	
Northern monkshood (<i>Aconitum ovaaboracense</i>)	Threatened	Typically found on shaded to partially shaded cliffs, algific talus slopes, or on cool, streamside sites. These areas have cool soil conditions, cold air drainage, or cold groundwater flowage (USFWS, 2011c).	

Reference Notes:

(USFWS, 2011a) <http://www.fws.gov/midwest/endangered/plants/prairief.html>, Western prairie fringed orchid Fact Sheet created 12/2004, last updated May 9, 2011.

(USFWS, 2011b) <http://www.fws.gov/midwest/endangered/plants/prairieb.html>, Prairie bush clover Fact Sheet revised November 2009, last updated May 9, 2011.

(USFWS, 2011c) <http://www.fws.gov/midwest/endangered/plants/pdf/acnofctsht.pdf>, Northern monkshood Fact Sheet revised November 2007, last updated May 9, 2011.

Construction-Related Impacts – As indicated in the table above, the Tower Site is located in cultivated prime farmland & farmland of statewide importance (see Environmental Assessment, APPENDIX D). The site lacks any native vegetation and habitat for these three plant species is lacking on the Tower Site and in the vicinity. The **construction** of the Hardin County Tower had “**no effect**” on any federally listed species.

Operations-Related Impacts – Following the completion of site development, operations-related impacts from the tower site were not expected to occur due to the lack of threatened or endangered species on the site or in the vicinity. Overall, **operations-related impacts** have had “**no effect**” on threatened or endangered species or their designated critical habitat.

Short and long term minor impacts on migratory birds would be expected as a result of construction-related activities at the Tower Site. Impacts to migratory birds might have occurred during construction of the tower and facility, but these would have been limited to temporary displacement. These impacts would have been minimal due to the existing frequent

APPENDIX K: FCC NEPA SUMMARY REPORT

disturbances related to cultivation – tower construction would have had no significant impact on migratory birds.

Long-term impacts on migratory birds may occur as a result of the tower due primarily to possible collisions with the guylines. While such collisions are possible, the tower location does not appear to be within any notable avian flight corridors. The area lacks wetlands that might attract waterfowl and shorebirds and there are no trees in the immediate vicinity where birds are likely to nest and roost. While there are trees in the surrounding area, they are scattered and are primarily associated with farm houses and outbuildings and are not concentrated in any one location. As a result of the site lacking any unique habitat characteristics that would attract avian species, impacts were not expected to be significant.

Based upon best available information, the proposed undertaking is not anticipated to result in significant impacts to federal listed or state listed threatened or endangered species and/or critical habitats. These findings are supported by a Threatened and Endangered Species and Environmental Review conducted by Real West Natural Resource Consulting, and guidance and correspondence provided by the USFWS (see EA, APPENDIX F) and Iowa DNR (see EA, APPENDIX G).

4. Will the antenna structure affect districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? (Ref. 36 CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act)

Wapsi Valley Archaeology (Anamosa, Iowa) and Spark Architectural Consulting (Davenport, Iowa) were enlisted to review existing archaeological and architectural history resources and to conduct field surveys within the Areas of Potential Effect at the Hardin County Tower Site Facility. These areas were the APE (direct), consisting of the Tower property; and the APE (visual), which are the lands within a ¾ mile radius circle centered on the Tower location.

Following Iowa SHPO guidelines, these consultants identified all cultural resources in the Visual and Direct APEs. (Note: The APEs are displayed in APPENDIX N of the EA, and further discussed in ATTACHMENT 1 [the Archaeological Survey Report] and ATTACHMENT 2 [Architectural Historic Report] of the EA).

Wapsi Valley Archaeology, Inc. conducted an archaeological survey. After completing the research and ground survey, the Principal Investigator concluded that there was no evidence of cultural resources within the APE (direct), no historic properties and, therefore, no visual resources to impact.

Spark Architectural Consulting conducted background and ground surveys of architectural resources within the APE of the proposed undertaking (direct and visual – see APPENDIX N). The background survey of Iowa architectural site records did not yield evidence of any architectural resources listed or eligible as historic properties, as defined within the NHPA. The field survey identified one property with lands in the APE (direct) and extant buildings in the larger APE (visual), and an additional seven properties with extant buildings within the APE (visual). Analysis and interpretation of these structures resulted in the identification of three sites as eligible for listing in the NRHP: the Hardin County Home; the Ed and Christine Zielske Farm; and the Green Lawn Farm.

APPENDIX K: FCC NEPA SUMMARY REPORT

As a result of further analysis, the Principal Investigator determined that two of these properties within the APE (visual) would not be adversely affected by the Eldora Tower: the Ed and Christine Zielske Farm; and the Green Lawn Farm. The Harding County Home property, however, would be adversely affected by the construction of the Tower.

The Hardin County Home property is eligible for listing on the National Register of Historic Places under Criterion A for its historic association with this aspect of the social history of Hardin County. The boundary for the Hardin County Home historic district encompasses the historic buildings, fields, and cemetery associated with the property (east half of the southwest quarter and west half of the southeast quarter south of the railroad of Section 26). This area includes the location of the Hardin County communications tower, at the east edge of the west half of the southeast quarter of Section 26. The Tower Site is approximately 1,250 feet to the east of the buildings that contribute to the historic district (see Figure 17). Generally open fields are located between these buildings and the tower site – fields that once provided sustenance for the residents of the Home. As the County Home boundary includes both the tower property and these fields, the tower has direct and visual adverse effects on this historic property.

The Principal Investigator suggested that the Adverse Effect could be mitigated through one or several methods, upon concurrence with the Historic Preservation Office — State Historical Society of Iowa. Possible methods to mitigate the Adverse Effect included:

1. Permitting co-locations so that additional towers need not be constructed nearby;
2. Removing the tower when services are no longer needed via the tower; and
3. Preparing a National Register of Historic Places nomination for the Hardin County Home Historic District, documenting the buildings, history of the property, and historic context on the significant association of the county home to social history of Hardin County and the relation of this County Home to others in the state.

The review by the Iowa State Historical Society's State Historical Preservation Office (SHPO) of the recommendations above for the County Home property (letter, Ralph Christian, Historian, SHPO, to Sheriff Tim Smith, Hardin County, July 13, 2009) stated: "your plan to prepare an application for the County Home property, and submit it to SHPO and the State Nomination Review Committee (SNRC) by February 2010, meets our mitigation criteria for this site.... Based on your proposed actions, we conclude that this serves as an appropriate mitigation process for this site, and therefore we have no objection to the construction of your new tower site". The letter from SHPO Christian to Sheriff Smith is included in Section 2: CULTURAL RESOURCES DOCUMENTATION of this FCC NEPA Summary Report. No unique viewsheds related to national or state designated scenic byways or National Historic Landmarks were identified for the project.

Maps, photographs and detailed information relating to all architectural properties within the direct and visual APEs are contained in the report by Spark Consulting attached to the EA (see ATTACHMENT 2, McCarley, Rebecca L. 2008. Architectural Survey for the Proposed Communications Tower on County Road D41 in Section 26, Jackson Township, Hardin County, Iowa).

APPENDIX K: FCC NEPA SUMMARY REPORT

5. Will the antenna affect Indian religious site(s)?

The location and significance of cultural resources associated with Native American tribes within the APE of the tower site was determined through tribal consultation, as per FCC 04-222, Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission (2004). The tribal notification process, accomplished through the FCC's online TCNS (Tower Construction Notification System), involved consultation with the twelve Tribes who indicated through the TCNS that they had cultural or territorial interests in the area that includes the site of the tower. After due notification, all twelve Tribes either supplied responses of "No Interest" in this particular project location or had elected not to respond to the two contacts by the project proponent followed by a "20-day" letter issued by the FCC. Thus the obligations of the project proponent under Section IV of the NPA with respect to these Indian Tribes were completed.

A tabulation and summary of tribal contacts may be found in Table 3-2: Tribal Consultation Summary Spreadsheet, Hardin County, IA Tower Site Facility, Eldora, IA, TCNS# 42840, Notification Date: July 28, 2008, which has been inserted in APPENDIX I: TRIBAL CONSULTATION DOCUMENTATION of the EA. A copy of the listing generated by TCNS screening of Tribes with cultural or territorial interests in the area that includes the Tower Site and Tribal correspondence is also included in APPENDIX I of the EA. The complete record of tribal correspondence is maintained in the Project File.

6. Will the antenna structure be located in a floodplain? (Ref. Executive Order 11988 and 40 CFR Part 6, APPENDIX A)

There currently are no Flood Hazard Maps for all unincorporated parts of Hardin County. The Hardin County Tower Site falls within Community ID 190874, an unmapped community (FEMA, 2011). As seen in Figure 18, there is no Flood Insurance Rate Map (FIRM) available. However, since the Tower Site is in an uplands location (see Figures 3 and 13), there would be no floodplains in the vicinity of the Tower Site.

7. Will construction of the antenna structure involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? (Ref. Executive Order 11990 and 40 CFR Part 6, APPENDIX A)

As shown in Figure 19, National Wetland Inventory (NWI) map for the Tower Site, there are no wetlands in the vicinity of the Tower Site and the closest wetlands are about 700 ft to the northwest. The proposed (and since completed) undertaking will not result in any significant impacts or change in surface features (e.g. wetlands, deforestation, or water diversion), to the building or surrounding properties.

8. Is the antenna structure located in a residential neighborhood and required to be equipped with high intensity white lights?

The Proposed (and since completed) antenna structure will not be located in a residential area.

APPENDIX K: FCC NEPA SUMMARY REPORT

- 9a. Will the antenna structure equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP) and have antenna located less than 10 meters above the ground?**

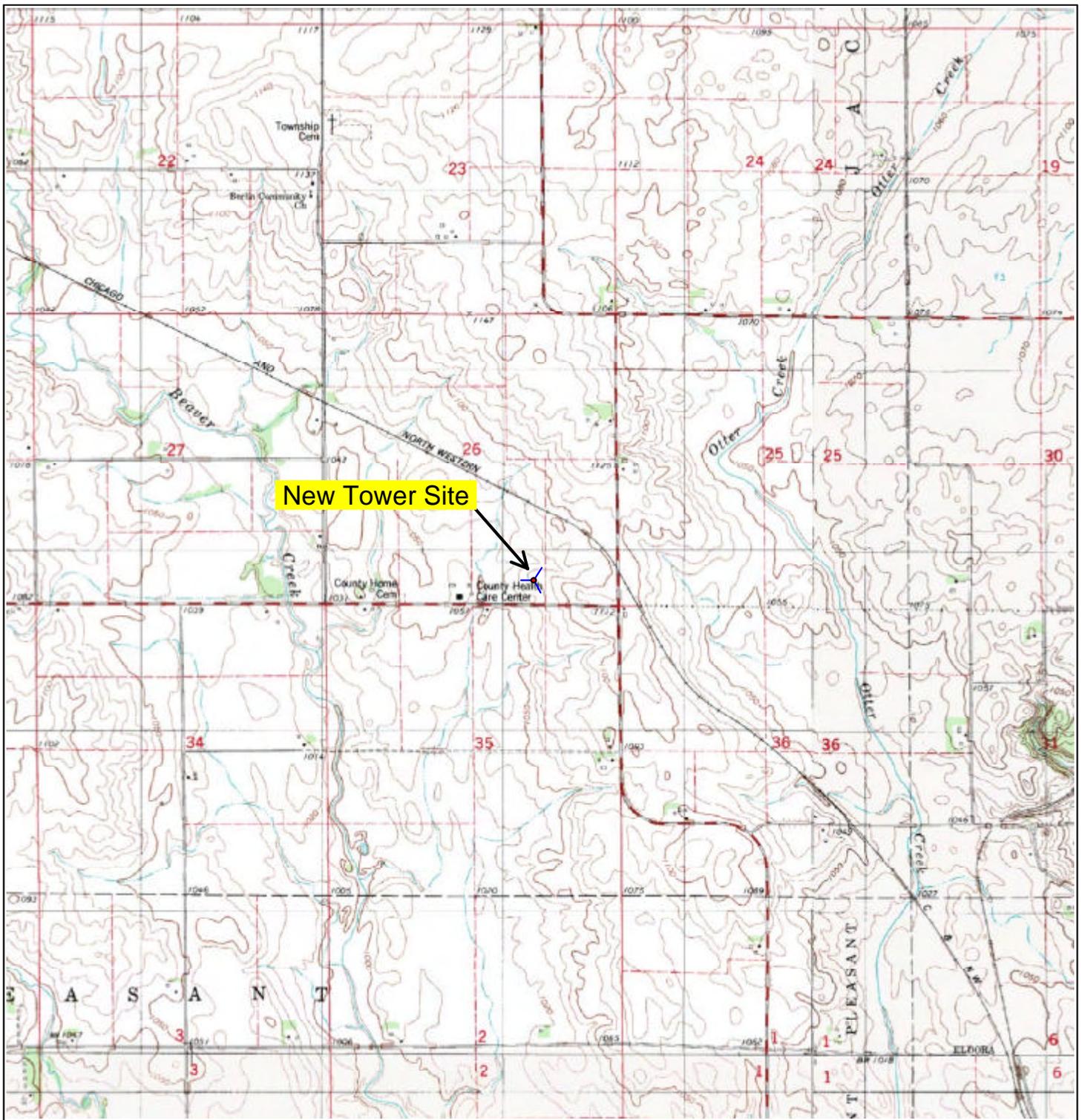
The Proposed (and since completed) antenna structure will not exceed a total power of 2000 watts ERP (3280 EIRP) nor be located less than 10 meters above the ground.

- 9b. Will the rooftop antenna project equal or exceed total power (of all channels) of 2000 Watts ERP (3280 EIRP)?**

The Proposed (and since completed) antenna is not a rooftop structure.

SECTION 1

MAPS & FIGURES



Owasa (IA) Topographic Quad

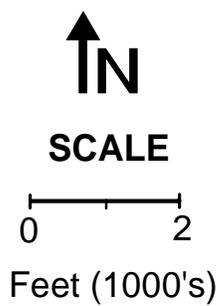
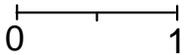


Figure 1. Vicinity Map
 Hardin County Tower Site Facility
 SW/4, SE/4, S26, T88N, R20W
 Hardin County, IA

Land Recyclers Inc.



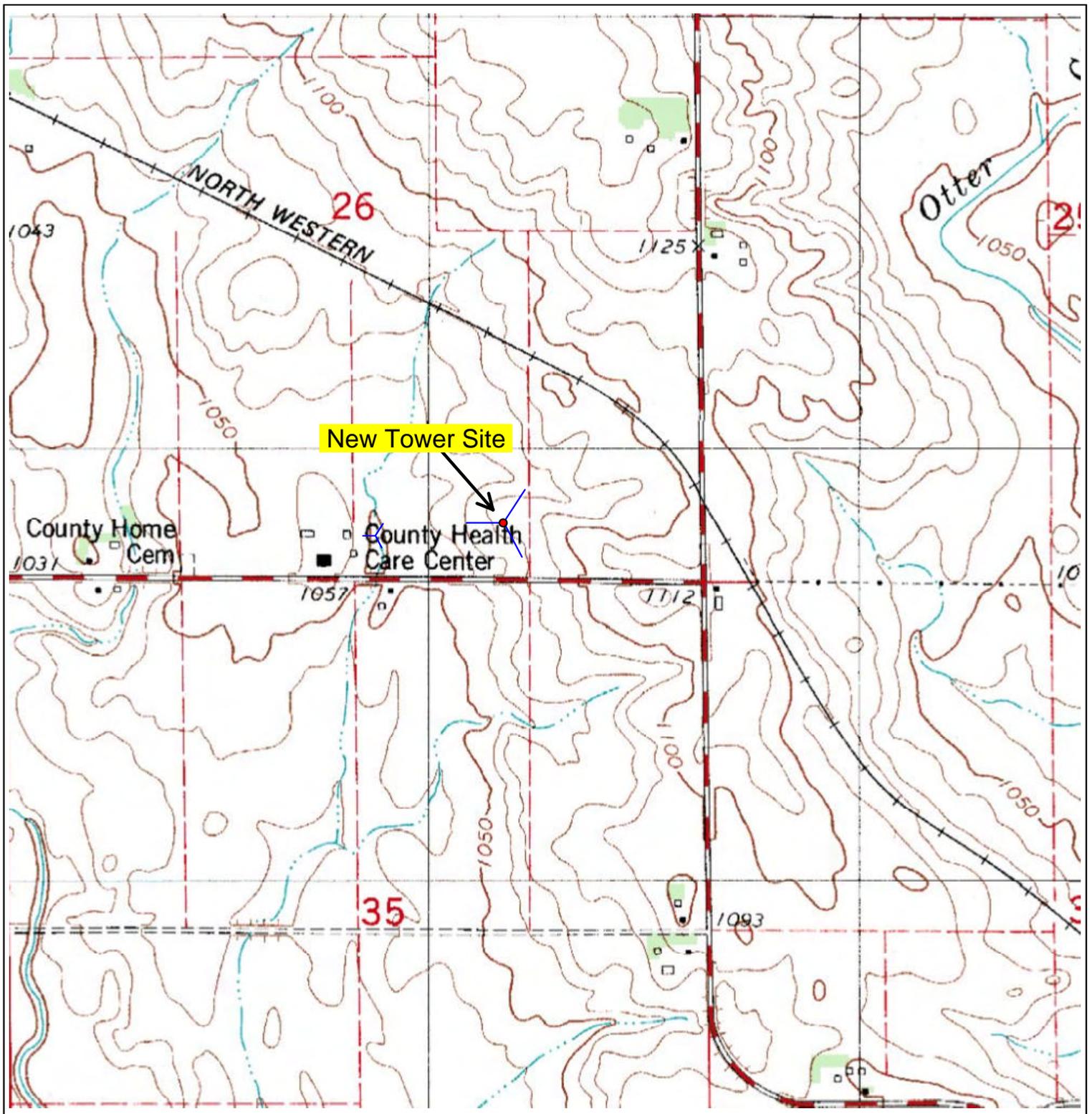
SCALE



Feet (1000's)

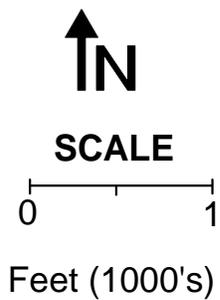
Figure 2. 2010 Aerial Photo
New Hardin County Tower Site & Vicinity
SW/4, SE/4, S26, T88N, R20W
Hardin County, IA

Land Recyclers Inc.



Owasa (IA) Topographic Quad

Figure 3. Topographic Map
 Hardin County Tower Site Facility
 SW/4, SE/4, S26, T88N, R20W
 Hardin County, IA



Land Recyclers Inc.

Figures 4a & 4b

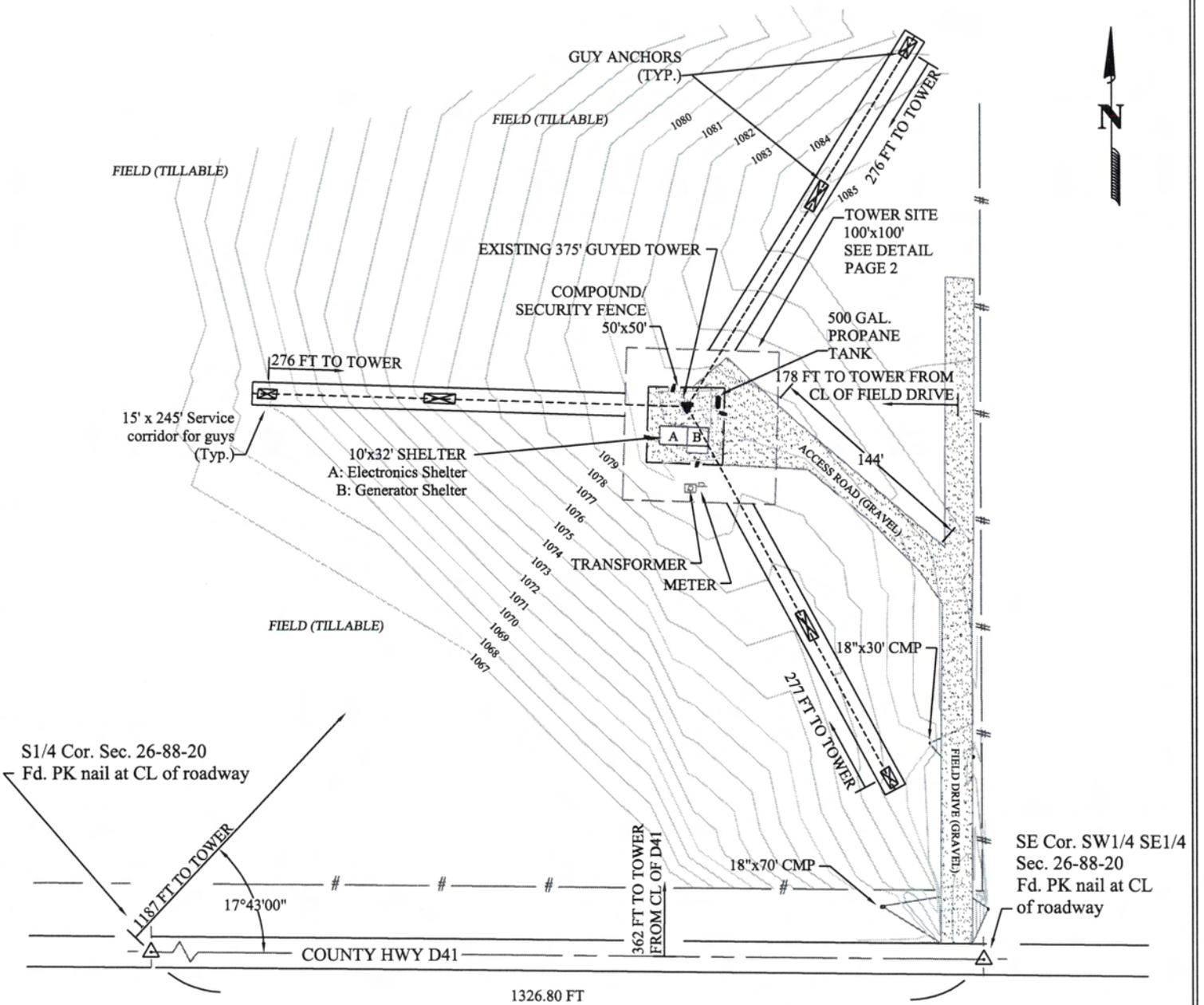
4a - Survey of Site &

4b - Compound Detail

SURVEY OF SITE

HARDIN COUNTY 375 FT GUYED RADIO TOWER

LOCATED IN THE SW1/4 SE1/4 SEC. 26, T-88 N, R-20 W
OF THE 5th P.M. IN HARDIN COUNTY, IOWA.



S1/4 Cor. Sec. 26-88-20
Fd. PK nail at CL of roadway

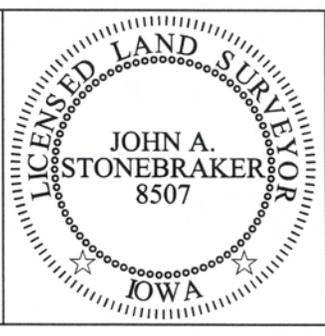
SE Cor. SW1/4 SE1/4
Sec. 26-88-20
Fd. PK nail at CL
of roadway

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct supervision and that I am a Duly licensed Professional Land Surveyor under the laws of the State of Iowa.

Signature: *John A. Stonebraker* Date: *5/26/11*

JOHN A. STONEBRAKER, License No. 8507
My license renewal date is December 31, 2012

Pages or sheets covered by this seal: *1 & 2*



LEGEND

- △ U.S. PUBLIC LAND SURVEY MONUMENT FOUND OR SET
- ▼ 375 FT. RADIO TOWER
- #- EXISTING FENCE LINE
- CMP CORRUGATED METAL PIPE
- ⊠ GUY ANCHORS

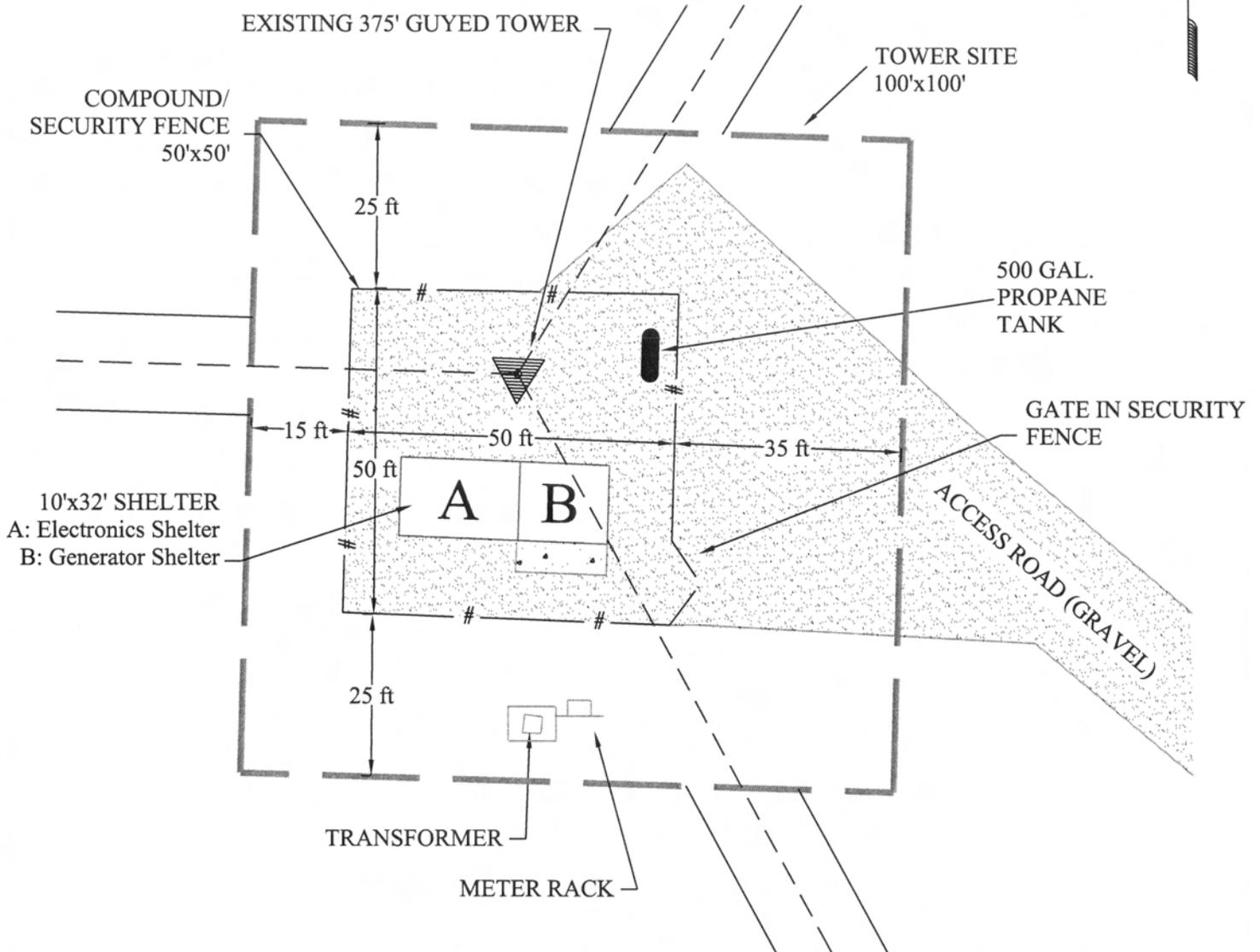
0 50' 100'
SCALE: 1" = 100'

SURVEY OF SITE

HARDIN COUNTY 375 FT GUYED RADIO TOWER

COMPOUND DETAIL SHEET

0 25'
SCALE: 1" = 25'



Site Name

Hardin County 375-Foot Radio Tower

Land & Tower Owner

Hardin County

Site Contact Information

Attn Sheriff Tim Smith
Hardin County Sheriff's Office
1116 - 14th Ave
Eldora , Iowa 50627

Site Legal Description

SW1/4, SE1/4, Section 26, T88N, R20W of the 5th P.M. Hardin, County, Iowa

Site Location

The site is located approximately ¼ mile west of the junction of County Roads D41 & S55,
about 400 ft north of County Road D41 & 3.5 miles NW of Eldora, Iowa

Tower Coordinates

FAA 2C Accuracy: +/-50' Hz., +/-20' Vt.
N42°23'54.4" (NAD83)
W93°08'38.0"(NAD83)
Elevation: 1082.0 ft (NAVD 88)



Figure 5. Standing at tower location, looking north. Seen is corn stubble from previous year's crop. Notice almost all trees have been removed from landscape.



Figure 6. Standing at tower location, looking northeast. Seen is corn stubble from previous year's crop. Notice all trees have been removed from landscape in this view.



Figure 7. Standing at tower location, looking east. Seen is edge of southeast trending graveled access road which joins north-south trending graveled farm road.



Figure 8. Standing at tower location, looking southeast. Seen is fenced anchor.



Figure 9. Standing south of compound, looking south. East - west road is CR D41.



Figure 10. Standing southwest of tower, looking southwest. Few trees surround farm residence.



Figure 11. Standing west of tower, looking west. Seen is west anchor within corn field stubble then Historic Hardin County Home buildings.



Figure 12. Standing northwest of tower, looking northwest. Seen is cornfield stubble beyond which is dirt work in black soil.



Figure 13. Standing on farm road, about 550' north of tower, looking south. The tower and compound location is seen to be in an uplands location that rises above surrounding fields.



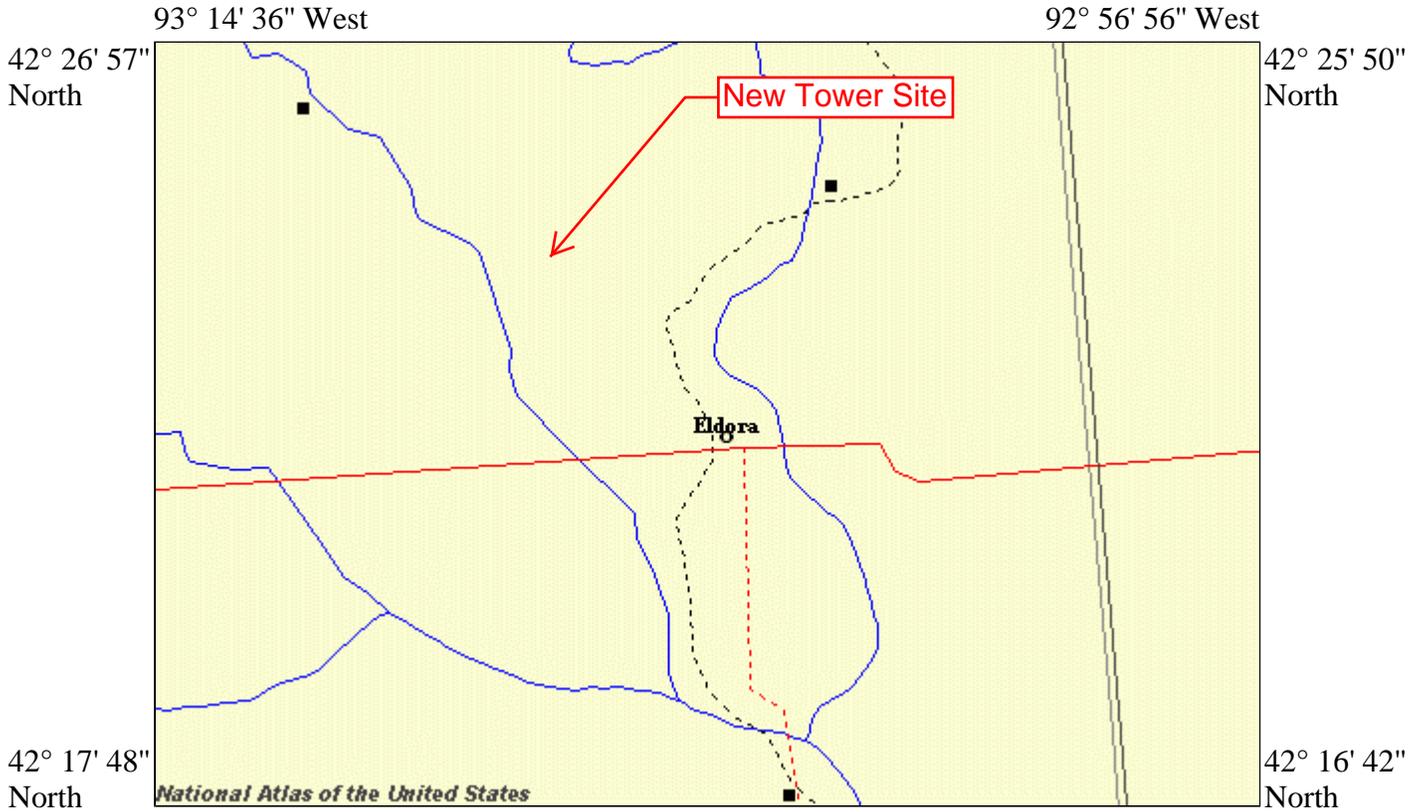
Figure 14. Standing about 150' north of tower, looking south towards tower & compound area.



Figure 15. Looking south at anchor point of west anchor and surrounding fence. Ground has been cultivated up to the fence.

Figure 16. Designated Land Use Map
(See next 3 Pages)

Hardin County Tower Site Facility - Land Use Map



93° 15' 36" West
Lambert Azimuthal Equal-Area
Projection


Miles 1 2 3

92° 57' 59" West
<http://nationalatlas.gov>
09-Jun-11 11:38AM

Boundaries

Counties

Source: [U.S. Geological Survey](http://www.usgs.gov)

Counties

States

Source: [U. S. Geological Survey](http://www.usgs.gov)

States

Indian Lands

Source: [U. S. Geological Survey](http://www.usgs.gov)

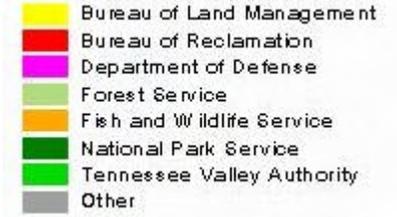
Layer partially covered by another layer



Federal Lands

Source: [U. S. Geological Survey](http://www.usgs.gov)

Layer partially covered by another layer



Wilderness Preservation System Areas

Source: [U. S. Geological Survey](http://www.usgs.gov)



Map Reference

Cities and Towns

Source: [U.S. Geological Survey](http://www.usgs.gov)



Latitude/Longitude

Source: [U.S. Geological Survey](http://www.usgs.gov)



Transportation

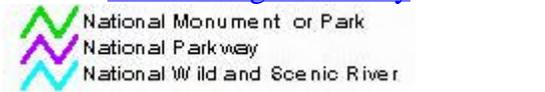
Railroads

Source: [U.S. Geological Survey](http://www.usgs.gov)



Parkways and Scenic Rivers

Source: [U.S. Geological Survey](http://www.usgs.gov)



Roads

Source: [U.S. Geological Survey](http://www.usgs.gov)

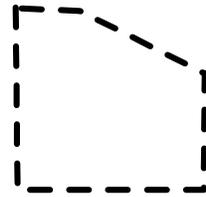
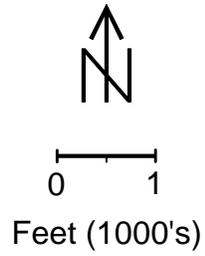
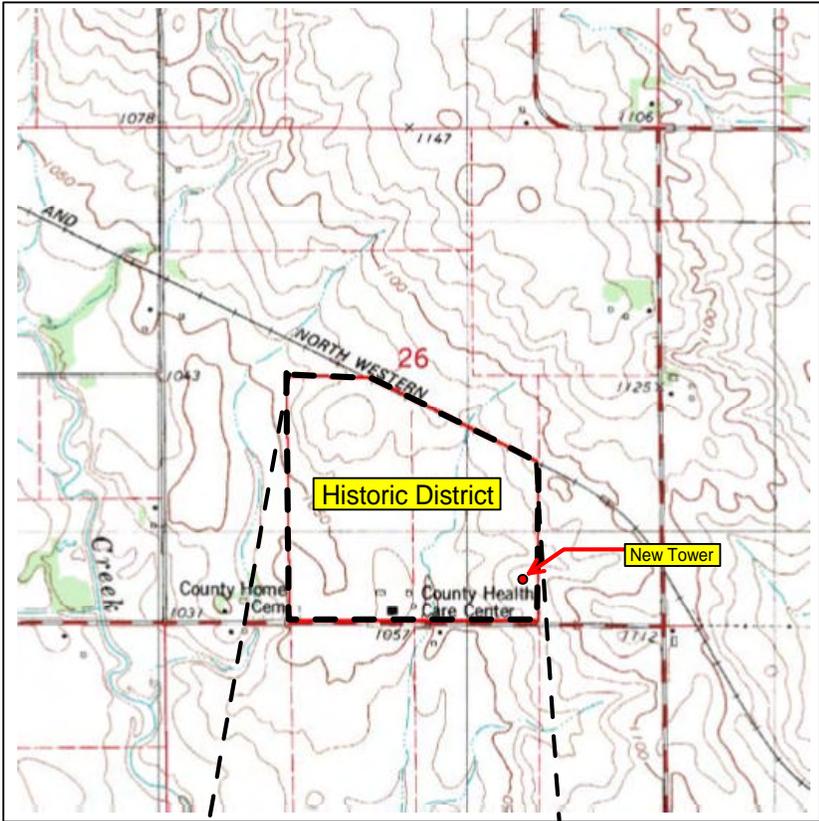


Water

Streams and Waterbodies

Source: [U.S. Geological Survey](http://www.usgs.gov/)





Outline of County Property & Historic District

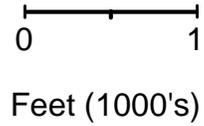
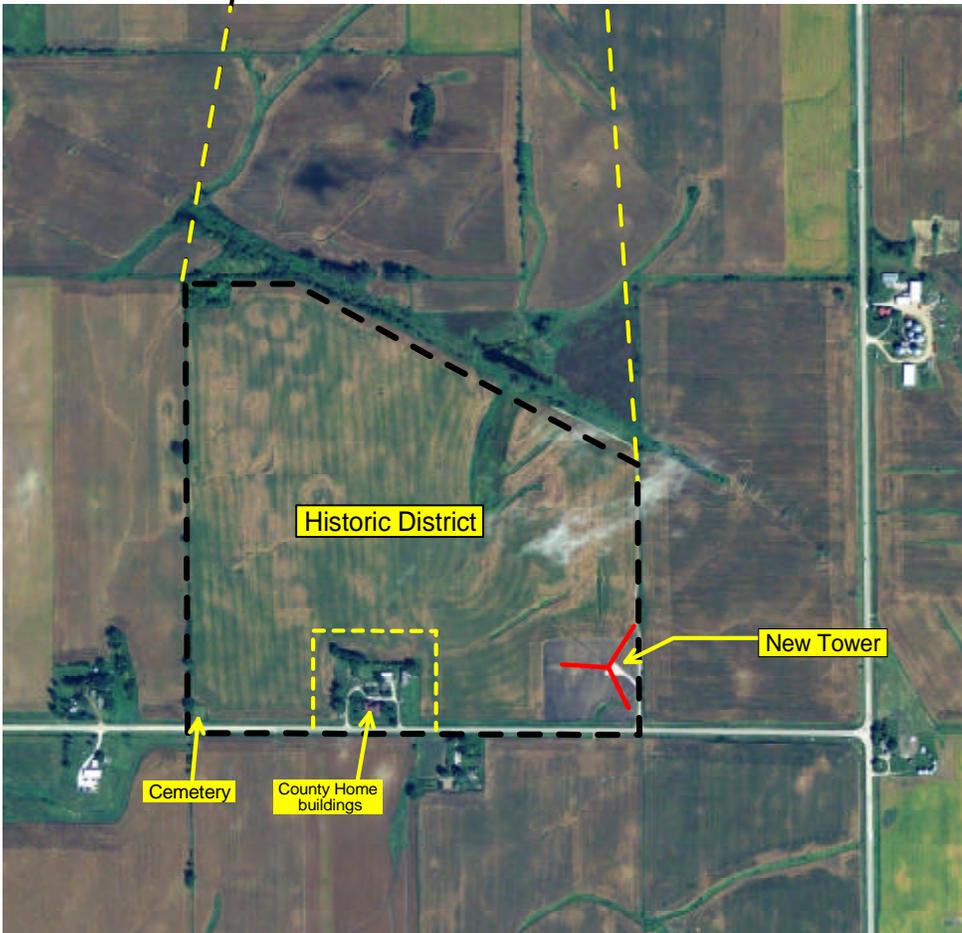


Figure 17. Illustration of Hardin County Home Historic District in relation to new Tower Site. The tower is seen on an aerial from 2010.



Map Search Results

Unmapped Area(s)

Item ID	Community ID	Community Name
UNMAPPED_190874	190874	HARDIN COUNTY UNINCORPORATED AREAS

Figure 18. FEMA Flood Map for Tower Site & Vicinity
No Coverage



U.S. Fish and Wildlife Service National Wetlands Inventory

NWI Map - Hardin County Tower Site

Mar 15, 2011



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

Riparian Status

- Digital Data

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Figure 19. NWI Map For Tower Site & Vicinity

SECTION 2

CULTURAL RESOURCES DOCUMENTATION

- SHPO CONCURRENCE LETTER
- FCC FORM 620 – NEW TOWER SUBMISSION PACKET
- TRIBAL CONSULTATION DOCUMENTATION
- (See Environmental Assessment, Appendix I)

July 13, 2009

Sheriff Tim Smith
Hardin County Sheriff's Office
1116 - 14th Ave
Eldora, IA 50627

RE: New Radio Communications Tower
Eldora, Iowa

Dear Sheriff Smith:

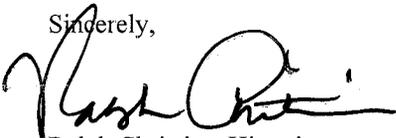
Thank you for the opportunity to review and comment on your proposed radio communications tower site near Eldora, IA. It has been reviewed pursuant to the responsibilities given the State Historical Preservation Office by the National Historic Preservation Act of 1966 and the Procedures of the Advisory Council on Historic Preservation (36CFR800).

Your review submittal concluded that the construction of this tower has a potential Visual Impact on the nearby County Home property, located directly west of the proposed tower site. It has been established by your historical consultant that this property is eligible for listing on the National Historic Register, although it is not currently listed on the Register.

However, your plan to prepare an application for the County Home property, and submit it to SHPO and the State Nomination Review Committee (SNRC) by February 2010, meets our mitigation criteria for this site. We have also received acknowledgement that you have retained the services of Rebecca Lawin McCarley, SPARK Consulting, to conduct this process for you.

We appreciate your efforts to assess potential effects on this historic property. Based on your proposed actions, we conclude that this serves as an appropriate mitigation process for this site, and therefore we have no objection to the construction of your new tower site.

Sincerely,



Ralph Christian, Historian
State Historic Preservation Office

Cc: Rey Freeman
Rebecca Lawin McCarley



REY FREEMAN, COMMUNICATIONS MANAGER

MINNEAPOLIS OFFICE: 13517 LARKIN DR., MINNETONKA, MN 55305
VOICE: 952.541.0747 • FAX: 952.541.0748 • E-MAIL: rfreeman@isd.net

Date: January 29, 2009

State of Iowa Historical Preservation Office
Attn: Richard Leopold
Wallace State Office Building
502 E. 9th
Des Moines, IA 50319-0034

Subject: FCC Form 620 Submission and Review
Eldora Tower Site,
Hardin County, Iowa

Dear Mr. Leopold:

The Hardin County, Iowa Sheriff's Office, in conjunction with the public safety agencies within Hardin County, is in the process of implementing major upgrades to their VHF public safety radio communications systems. These radio system upgrades will serve all Law Enforcement, Fire, and EMS/Ambulance services within the County, as well as the County Road & Bridge, and potentially other departments.

This project will result in the construction of a new radio communications tower to support the radio repeater and base station equipment, antennas and other network equipment included in the project. The construction of this tower, which will be located about 3 miles northwest of Eldora, has not yet been started. This Section 106 review filing is being sent to your agency for review and comment.

The property that is being planned for the construction of the new tower is the old "County Home" location, northwest of Eldora as noted. The County no longer owns the portion of the property where the old County Home building structures are located, but has retained ownership of the section of the property east of the buildings, and has been leasing the property to a local farmer for crop production.

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

To ensure the historic and archaeological issues are properly addressed, the services of an historical consultant have been enlisted:

SPARK Consulting
Rebecca Lawin McCarley
1138 Oneida Ave
Davenport, IA 52803

SPARK Consulting has prepared a comprehensive report for this project. The report has identified several properties in the area around the tower site that are considered eligible for listing in the historic register, and discusses the potential effect the tower might have on these properties.

Additionally, we are including the required FCC Form 620 documents, as follows:

1. FCC Form 620 document
2. Attachment 1: Resume(s)
 - Attachment 2: Additional Site Information
 - Attachment 3: Tribal and NHO Involvement
 - Attachment 4: Local Government
 - Attachment 5: Public Involvement
 - Attachment 6: Additional Consulting Parties
 - Attachment 7: Areas of Potential Effects
 - Attachment 8: Historic Properties Identified in the APE for Visual Effects
 - Attachment 9: Historic Properties Identified in the APE for Direct Effects
 - Attachment 10: Effects on Identified Properties
 - Attachment 11: Photographs
 - Attachment 12: Maps
 - Map #1: Local Plat Map
 - Map #2: USGS Topographic Map

The APE and properties information is contained within the SPARK Consulting document.

GeoComm has been tasked by the County to prepare and file this document for Hardin County, and is doing so by their authority.

We are requesting that the State of Iowa Historical Society conduct an assessment of this proposed tower site and other data provided herein to determine what effect the proposed tower site may have on the neighboring properties, as well as whether mitigation efforts will be required. Please also provide for us a written summary confirming your findings.

Thank you in advance for your assistance with this project.

Please contact us (GeoComm) directly with any questions if additional information is required.

Sincerely,

A handwritten signature in black ink that reads "Rey Freeman". The signature is written in a cursive style with a long horizontal flourish at the end.

Rey Freeman
GeoComm
952-541-0747
rfreeman@geo-comm.com

cc: Sheriff Tim Smith, Hardin County, Iowa

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation (“CO”) Submission Packet (FCC Form 621). Applicant Information

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below. Full Legal Name of

Applicant Hardin, County of

Name and Title of Contact Person: Sheriff Tim Smith

Address of Contact Person (including Zip Code): 1116 14th Avenue, Eldora, IA 50627

Phone: 641-939-8249 **Fax:** not required **E-mail address:** t.smith@co.hardin.ia.us

Applicant’s Consultant’s Information

Full Legal Name of Applicant’s Section 106 Consulting Firm: SPARK Consulting

Name of Principal Investigator: Rebecca Lawin McCarley

Title of Principal Investigator: Architectural Historian

Investigator’s Address: 1138 Oneida Avenue **City:** Davenport **State:** Iowa

Zip Code: 52803 **Phone:** 563-324-9767 **Email Address:** sparkconsulting@octaspark.com

Does the Principal Investigator satisfy the Secretary of the Interior’s Professional Standards?

YES/ NO

Areas in which the Principal Investigator meets the Secretary of the Interior’s Professional Qualification Standards¹: Architectural History, History

Other “Secretary of the Interior qualified” staff who worked on the Submission Packet (provide name(s) as well as the area(s) in which they are qualified:

Toby Morrow, Wapsi Valley Archaeology, Inc., Principal Investigator, Archaeology.

¹The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1 .d, VI.D.1.e, VI.D.2.b, VI.E.5.

Site Information

Site Name: Hardin County Tower Site Facility

Street Address of Site: In a property owned by Hardin County, 0.3 miles NW of the junction of County Roads D41 & S55, 3.5 mi NW of Eldora.

City or Township: Eldora **County / Parish:** Hardin County

State: Iowa **Zip Code:** 50627

Nearest Cross Roads: County Roads D41 & S55

NAD 83 Latitude/Longitude coordinates (to tenth of a second): N42° 23' 54.9"; W 093° 08' 38"

Tower height above ground level: 395 feet; 120.5 meters

Tower Type: Monopole Guyed lattice tower: Self Supporting: SST

Other (briefly describe tower): Include top-mounted attachments such as lightning rods

Project Status

Construction not yet commenced;

Construction commenced on [date]: ; or,

Construction commenced on [date]: and was completed on [date]:

Applicant’s Determination of Effect

Direct Effects (check one):

i. **No Historic Properties** in Area of Potential Effects (“APE”) for direct effects;

ii. **No Effect** on Historic Properties in APE for direct effects;

iii. **No Adverse Effect** on Historic Properties in APE for direct effects;

iv. **Adverse Effect** on one or more Historic Properties in APE for direct effects.

Visual Effects (check one):

i. **No Historic Properties** in Area of Potential Effects (“APE”) for visual effects;

ii. **No Effect** on Historic Properties in APE for visual effects;

iii. **No Adverse Effect** on Historic Properties in APE for visual effects;

iv. **Adverse Effect** on one or more Historic Properties in APE for visual effects.

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



Signature

January 19, 2009

Date

Rey Freeman

Printed Name

Communications Consultant
GeoComm

Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503

Attachment 1 – Resumes / Vitae

Rebecca Lawin McCarley – Principal Investigator for Architectural History

Rebecca Lawin McCarley, d.b.a. SPARK Consulting, has been based in Davenport, Iowa, since 2003. She meets the federal professional qualifications for an Architectural Historian as well as a Historian, and her qualifications have been reviewed by the State Historic Preservation Offices in Iowa and Illinois. She is included in both states on their list of pre-qualified professional consultants. As a consultant, she offers a variety of services, including architectural surveys, National Register of Historic Places nominations, grant applications, and historic preservation tax credit applications.

Education

Master of Science in Historic Preservation, Ball State University, Muncie, IN.
University Graduate Fellowship, David Hermansen Memorial Scholarship, University Research Grant for thesis entitled: The Octagon House in American Culture: The Influence of Orson S. Fowler in the Midwest.

Bachelor of Arts (Architecture and History, double major), Washington University, St. Louis, MO.
Magna Cum Laude. Millstone Scholarship, National Merit Scholar, Phi Beta Kappa, Phi Alpha Theta.

Professional Experience

Principal, Architectural Historian, SPARK Consulting, Davenport, IA, September 2003-present

- Responsible for project management, proposals, and budgeting
- Conducts architectural surveys to meet local planning needs and satisfy Section 106 requirements
- Researches and evaluates historic structures for National Register of Historic Places eligibility
- Prepares National Register of Historic Places nominations
- Completes other projects and consultation related to historic preservation – also see www.octaspark.com

Architectural Historian, Cultural Resource Analysts, Inc., Lexington, KY, May 2001-August 2003

- Served as Principal Investigator beginning in February 2003; supervised a staff of three architectural historians
- Responsible for project management, proposals, and budgeting for the architectural history department
- Reviewed and approved reports written by staff, serving as project manager
- Conducted architectural surveys in Kentucky, Indiana, and Ohio; wrote compliance reports to meet state guidelines
- Assessed historic building, structures, and sites for potential National Register of Historic Places eligibility
- Researched historic resources throughout Kentucky and completed state survey forms
- Completed other types of historic preservation projects, including historic documentation and rehabilitation tax credit applications

TOBY A. MORROW – Principal Investigator for Archaeology

Toby Morrow, Archaeologist/Principal Investigator of Wapsi Valley Archaeology, Inc., has more than 30 years experience as a field archaeologist.

Education

1990 Ph.D. Candidate, Anthropology, Minor: Geology, University of Wisconsin-Madison
(Qualifying Exams passed in 1985, coursework completed in 1990)
1984 M.A. Anthropology, University of Iowa, Iowa City
1982 B.A. Anthropology, Minor: Geology, University of Iowa, Iowa City

Professional Experience (Recent)

10/05-Present Archaeologist/Principal Investigator, Wapsi Valley Archaeology, Inc.
Anamosa, Iowa
2/01-11/05 Archaeology Consulting Services, Missouri and Arkansas. Missouri projects including archaeological investigations in Miller and Reynolds Counties.
2/99-2/01 Senior Archaeologist, Hemisphere Field Services – Arkansas Branch. Also conducted projects in Palaski County, Perry County, and central Missouri, Walnut Ridge, Arkansas.

Attachment 2 – Additional Site Information

Describe any additional structures, access roads, utility fences, easements, or other construction planned for the site in conjunction with the proposed facilities.

The Eldora tower site is on property owned by Hardin County, Iowa. The property, known as the “County Home” site, has in recent years been leased out to a local farmer for soybean and corn crops. The proposed tower is directly adjacent to County Road D41, and a short gravel driveway allows access into the site. A 32-ft x 12-ft prefabricated equipment shed will sit at the base of the tower.

Attachment 3 – Tribal and NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (“NHOs”) to assist in the identification of historic properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to historic properties that may be affected by the undertaking within the Areas of Potential Effects (“APE”) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by the FCC, the Applicant, or the Applicant’s representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

A – Measures taken to identify Indian tribes and NHOs

Notification to Native American tribes was submitted via the FCC's TCNS system. This notification was entered on 7/28/2008, and TCNS number of 42840 was assigned.

Date: 8-1-2008

Subject: Notice of Organization(s) which were sent proposed Tower Construction Notification Information – Email ID #1962018

From: towernotifyinfo@fcc.gov

To: rfreeman@isd.net

Cc: kim.pristello@fcc.gov diane.dupert@fcc.gov

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural

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disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Cultural Resources Director Scott Jones - Lower Brule Sioux Tribe - Lower Brule, SD - electronic mail and regular mail

Exclusions: The Lower Brule Sioux Tribe, Cultural Resources Office, does not subscribe to the 30-day deadline for tower notification responses. Under ordinary circumstances, the Tribe will respond within 7 days, but reserves the right to respond without prejudice more than 30 days after notification if made necessary by scheduling and workload contingencies. The process is greatly expedited if: a) documents are submitted via email in pdf format; and 2) the subject line contains the TCNS#.

The Tribe requests the following information from applicants proposing the construction of telecommunications towers and ancillary structures within our traditional territory.

IF THE PROJECT IS: a rebuild, co-locate, antenna on existing (non-tower) structure, is within a highway right-of-way, or within an urban (built-up) area, the applicant need only send an initial notification letter with a general description of the undertaking and at least one site photograph, showing the project site in its landscape setting.

ALL OTHER PROJECTS REQUIRE THE FOLLOWING DETAILS:

1. Color photographs towards the proposed locality, sufficient to show the topographic formation at a distance and the Area of Potential Effect. Each photograph should have the actual location of the tower marked.
2. A state-wide map showing the regional location (i.e. with towns, cities, roads and major geographic features).
3. A topographic map (derived from the USGS 7.5 Topographic Quadrangle series) zoomed out to a scale of about 1:20,000 to clearly show the landscape (i.e. with the location in a surrounding area of at least four square miles).
4. A map showing the locations of any known cultural sites of indigenous peoples (i.e., archaeological sites) within a half-mile of the APE.
5. If relevant, a map showing the location of any indigenous cultural site (i.e., archaeological site) within or adjacent to the APE in relation to the locations of proposed structures.
6. A succinct description of the site of the proposed undertaking with bulleted descriptions of local topography, typical vegetation, existing disturbances, archaeological survey results (i.e. as per Section 106, NHPA), and a characterization by the applicant's archaeologist of the potential for buried cultural resources or Traditional Cultural Properties.

Applicants should send this information in a pdf via email to Dr. Brian L. Molyneaux, Cultural Resources Office, Lower Brule Sioux Tribe (BrianMolyneaux@brule.bia.edu).

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2. THPO & Tribal Anthropologist Dianne Desrosiers - Sisseton-Wahpeton Oyate of the Lake Traverse Reservation - Sisseton, SD - electronic mail and regular mail

Exclusions: Please provide the Sisseton-Wahpeton Oyate of South Dakota with a topographical map reflecting the proposed site. Please mark the proposed location with an 'x' or an arrow on the map. Please also provide us with a street address for the proposed site. Please send the topo map via regular mail to: Dianne Desrosiers, THPO, at P.O. Box 717, Agency Village, S.D. 57262. If the Applicant receives no response from the Sisseton-Wahpeton Oyate of South Dakota within 30 days after a map has been sent to the Tribe, the Sisseton-Wahpeton Oyate Tribe has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law. If you have any questions, contact us at 605-698-4972. THANK YOU!

3. Director of Cultural Affairs Gary Robinette - Ponca Tribe of Nebraska - Niobrara, NE - electronic mail

Exclusions: If the Applicant receives no response from the Ponca Tribe of Nebraska within 30 days after notification through TCNS, the Ponca Tribe of Nebraska has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Ponca Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction.

4. Historical Preservation Officer Tony Provost - Omaha Tribe of Nebraska - Macy, NE - electronic mail and regular mail

Exclusions: If the Applicant receives no response from the Omaha Tribe of Nebraska within 30 days after notification through TCNS, the Omaha Tribe of Nebraska has no objection to project, however, the Omaha Tribe will show no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Omaha Tribe of Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Land Manager Fay Houghton - Winnebago Tribal Council - Winnebago, NE - regular mail

6. TCNS Contact Person Rita Dorste - Iowa Tribe of Kansas & Nebraska - White Cloud, KS - regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Iowa Tribe of Kansas & Nebraska within 30 days after notification through TCNS, the Iowa Tribe of Kansas & Nebraska has no interest in participating in pre-construction review for the proposed site. The Applicant/tower constructor, however, must immediately notify the Iowa Tribe of Kansas & Nebraska in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

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7. NAGPRA Rep. & Kanza Museum Director Crystal Douglass - Kaw Nation - Kaw City, OK - electronic mail and regular mail

Exclusions: If the Applicant/tower constructor receives no response from the Kaw Nation within 30 days after notification through TCNS, the Kaw Nation has no interest in participating in pre-construction review for the site. The Applicant/tower constructor, however, must notify the Kaw Nation in the event archeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. NAGPRA Director Sandra Massey - Sac and Fox Nation of Oklahoma - Stroud, OK - regular mail**9. Historic Preservation Director Johnathan L Buffalo - Sac & Fox Tribe of the Mississippi in Iowa - Tama, IA - regular mail**

Exclusions: For the State of Missouri, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located north of the Missouri River. For the State of Illinois, the Sac & Fox Tribe of the Mississippi in Iowa is only concerned with reviewing proposed sites that are to be located west of the Illinois River.

10. THPO Pam Halverson - Lower Sioux Indian Community of Minnesota - Morton, MN - electronic mail

Exclusions: If the Applicant receives no response from the Lower Sioux Indian Community of Minnesota within 30 days after notification through TCNS, the Lower Sioux Indian Community of Minnesota has no interest in participating in pre-construction review for the site. The Applicant, however, must notify the Lower Sioux Indian Community of Minnesota in the event archaeological properties or human remains are discovered during construction.

11. Board Member at Large Scott Larsen - Upper Sioux Community of Minnesota - Granite Falls, MN - electronic mail and regular mail**12. Historic Preservation Officer Rhonda Dixon - Ottawa Tribe of Oklahoma - Miami, OK - electronic mail**

Exclusions: NEW INFORMATION: ALL FINAL COMMENTS ON TCNS TOWER SITES WILL BE IN WRITTEN FORM AND SIGNED INDIVIDUALLY BY RHONDA DIXON, WHICH WILL ALLOW FUTURE AUTHENTICATION BY COMPARING COPIES WITH THE SIGNED, FILED ORIGINALS. THE OTTAWA TRIBE DOES NOT PROVIDE VERBALFINAL COMMENTS. The Ottawa Tribe of Oklahoma has developed procedures for cell tower construction projects. Please contact Rhonda Dixon for a copy of those procedures at 918-540-1536 (phone) or 918-542-3214 (fax). As you will see when you obtain a copy of our procedures, we require photos and a topo map for EVERY proposed site. The Ottawa Tribe of Oklahoma has listed its geographic areas of interest on this web site. We consider this listing to be official notification to all those proposing to construct cell towers in those areas that you need to contact us. For those states where we are interested in all counties, we have listed just the state. For those states where we are interested in only certain counties, we have listed the counties. The Ottawa Tribe of Oklahoma, in concert with its historic preservation consultant

Algonquin Consultants, Inc., is pleased to assist you in complying with your Section 106 requirements. We do not handle any consultation or inquiries by e-mail.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

13. SHPO William L Wheeler - Illinois Historic Preservation Agency - Springfield, IL - regular mail

14. Chief of Staff, Deputy SHPO Theodore Hild - Illinois Historic Preservation Agency - Springfield, IL - electronic mail

15. Deputy SHPO Anne Haaker - Illinois Historic Preservation Agency - Springfield, IL - regular mail

16. SHPO Anita Walker - State Historical Society of Iowa - Des Moines, IA - electronic mail

17. Archaeologist Daniel Higginbottom - State Historical Society of Iowa - Des Moines, IA - electronic mail

18. SHPO Nina Archabal - Minnesota Historical Society - St. Paul, MN - regular mail

19. Deputy SHPO Ian Stewart - Minnesota Historical Society - St. Paul, MN - regular mail

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20. Deputy SHPO Britta L Bloomberg - Minnesota Historical Society - St. Paul, MN - electronic mail and regular mail

21. SHPO Stephen Mahfood - State Department of Natural Resources - Jefferson City, MO - regular mail

22. Deputy SHPO, Director Mark Miles - Historic Preservation Program, Division of State Parks - Jefferson City, MO - electronic mail

23. Deputy SHPO Sara Parker - State Department of Natural Resources - Jefferson City, MO - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 07/28/2008

Notification ID: 42840

Tower Owner Individual or Entity Name: Hardin, County of

Consultant Name: Rey Freeman

Street Address: 1116 - 14th Ave

City: Eldora

State: IOWA

Zip Code: 50627

Phone: 641-939-8189

Email: rfreeman@isd.net

Structure Type: GTOWER - Guyed Tower

Latitude: 42 deg 23 min 55.3 sec N

Longitude: 93 deg 8 min 36.8 sec W

Location Description: .3 miles nw of junc Co. Rds D41 and S55, 3.5 miles nw of

City: Eldora

State: IOWA

County: HARDIN

Ground Elevation: 329.2 meters

Support Structure: 100.6 meters above ground level

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Overall Structure: 106.7 meters above ground level
Overall Height AMSL: 435.9 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:
<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,

Twelve Native American Tribes were included in the automated distribution list generated by the FCC. Consultation was successfully completed for all 12 tribes in the manner that each respective tribe requested in the TCNS notification listed above. A summary of the correspondence with each Tribe with interest in the general project area is summarized below, in Table 1.

Listed below are the tribes that were automatically included in the distribution process, along with the status of their responses.

<u>Table 1: Hardin County Tower Project Tribal Consultation Summary</u>				
TCNS #42840, Notification sent by FCC to Tribes: August 1, 2008				
	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
1	Lower Brule Sioux Tribe	Yes- sent via mail project description	9/16/2008	Rec'd email from tribe 12/9/08 no interest
2	Sisseton-Whapeton Oyate of Lake Traverse Reservation	Yes- sent via mail project description, site & aerial	9/16/2008	Rec'd email from tribe 12/9/08 no interest
3	Ponca Tribe of Nebraska	No	n/a	Rec'd email from tribe 8/6/08 no interest
4	Omaha Tribe of Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS

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5	Winnebago Tribe of Nebraska	No	Left Voice Message 9/16/08	Rec'd email from tribe 4/4/09 no interest
6	Iowa Tribe of Kansas / Nebraska	No	n/a	No interest in project area if Tribe does not respond within 30 days after notification through TCNS
7	NAGPRA / Kanza Museum, Kaw Nation of Oklahoma	No	n/a	Rec'd email from tribe 11/14/08 no interest
8	Sac & Fox Nation of Oklahoma	No	Voice message 9/16/08	Rec'd email from tribe 9/17/08 no interest
9	Sac & Fox Tribe of Mississippi in Iowa	No	n/a	Rec'd email from tribe 8/14/08 no interest
10	Lower Sioux Indian Community of MN	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
11	Upper Sioux Community of MN	Yes- sent via mail project description, site & aerial	Email 9-16-08	No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.
12	Ottawa Tribe of Oklahoma	Yes- sent via mail project description, site & aerial	9/16/2008	Letter sent 9/16/08. Email sent 12/16/08. No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

Attachment 4 – Local Government

a. Has any local government agency been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Agreement? If so, list the local government agencies contacted.

All radio communications towers to be constructed in Hardin County are required to be reviewed and approved by Hardin County’s Planning and Zoning Commission. The construction plans for the Eldora tower were presented at a meeting of the Hardin County Zoning Board of Adjustment on September 30, 2008, at 7:00 PM in the conference room of the Hardin County Engineer’s Office, 708 16th Street, Eldora, Iowa. After this review of the Special Use application, the Board subsequently approved the Permit.

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b. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices). If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.

Not Applicable.

Attachment 5 – Public Involvement

Describe measures taken to obtain public involvement in this project (e.g., notices, letters, or public meetings). Provide copies of relevant documentation.

Notices:

Public Notice of Radio Tower Construction, published in the Iowa Falls, Iowa, Times-Citizen of August 6 and August 13, 2008. Text as follows:

“The government entity of Hardin County, Iowa, is in the process of planning for upgrades to their public safety radio communications systems. This project will require the construction of a new 350-foot radio tower, to be located 3.5 miles northwest of Eldora, near the intersection of County Roads D41 and S55, on the old County Home property. The County requests comments from members of the public who believe this tower may have an adverse effect on historic properties, listed or eligible for listing in the National Register of Historic Places. Interested parties may obtain copies of relevant documents in the review process from the Hardin County Sheriff’s Department, Attention Sheriff Tim Smith, 1116 – 14th Ave, Eldora, Iowa, 50627, 641-939-8189. Any comments regarding this tower are to be submitted to the Hardin County Sheriff’s Department, Attention Sheriff Tim Smith, no later than Sept. 1, 2008 @ 4:00 p.m.”

No objections or concerns were received from any members of the public.

Letters:

Not applicable.

Public Meeting:

Notice of Public Hearing

Hardin County Zoning

Tues, Oct 28, 2008, 7:00 PM, in the conference room of the Hardin County Engineer’s Office, 708 16th Street, Eldora, Iowa. The purpose of the meeting was to consider the request of the Hardin County Sheriff for a conditional use permit for the new construction of a 350’ county communications tower and control structure.

Attachment 6 -Additional Consulting Parties

List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

The tower project plans were sent to the following state and federal agencies for review:

- U.S. Fish and Wildlife Service (see Correspondence with the USWFS in Appendix F of the Environmental Assessment)
- Iowa Department of Natural Resources (see Correspondence with the IDNR in Appendix G of the Environmental Assessment)

Attachment 7 - Areas of Potential Effects

a. Describe the APE for direct effects and explain how this APE was determined. The APE for direct effects is limited to the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed by the Undertaking (FCC04-22 pp 16 Section VI.C.1).

Surveyors based the APE - direct effects on maps and data provided by GeoComm, Inc. At the time of the survey, the tower site was staked; surveyors examined an area larger than the potentially disturbed areas, which included the tower base, transmitter building, tower anchors, entrance road, utility corridor, and other ground disturbances associated with construction.

b. Describe the APE for visual effects and explain how this was determined (FCC04-22 pp 17 S)

- a. Within ½ mile from tower site if proposed Tower height is 200 ft or less;
 b. Within ¾ mile from tower site if proposed Tower height >200 but less than 400 ft;
 c. Within 1 ½ miles from proposed tower site if proposed Tower height is >400 ft;

Attachment 8 -Historic Properties Identified in the APE for Visual Effects

a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement.²

² Section VI.D.1.a. of the Nationwide Agreement requires the Applicant to review publicly available records to identify within the APE for visual effects: i) properties listed in the National Register; ii) properties formally determined eligible for listing by the Keeper of the National Register; iii) properties that the SHPO/THPO certifies are in the process of being nominated to the National Register; iv) properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and, v) properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register criteria, and that are identified accordingly in the SHPO/THPO Inventory.

No such properties have been identified.

- b. **Provide name and address (including U.S.P.S. ZIP Code) of each Historic Property in the APE for visual effects, not listed in Attachment 8a, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).**

No such properties have been identified.

- c. **For any properties listed on Attachment 8a that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.**

Not Applicable.

Attachment 9 -Historic Properties Identified in the APE for Direct Effects

- a. **List all properties identified in Attachment 8a or 8b within the APE for direct effects.**

None present.

- b. **Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in Attachment 9a, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant’s research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.**

Hardin County Home (Hardin County Poor Farm, Hardin County Farm, Hardin County Care Facility), 28483 County Highway D41, Jackson Township (W ½ of SW & E ½ of SE, Section 26, T88N R20W).

The Hardin County Home property is eligible for listing on the National Register of Historic Places under Criterion A for its historic association with this aspect of the social history of Hardin County. The question of how to care for the less fortunate residents arose in the late 19th century, marked with the establishment of county homes throughout the state. The responsibility of the county to care for these residents continued through the 20th century, evolving to new profiles for residents by the middle of the 20th century. While the Hardin County Home continued to operate here until the late 1990s, the buildings and property features continue to reflect this significant history in Hardin County.

- c. **Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects.³ If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphologic evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.⁴**

Archaeological Survey

Wapsi Valley Archaeology, Inc. (Toby A. Morrow, Principal Investigator) conducted the archaeological survey. The Iowa site records search indicated that no archaeological sites had been recorded in or near the project area and that no archaeological surveys had been completed within one mile of the proposed project. An examination of several historical sources (Andreas 1970 [1875]; Harris and Warner 1875; North West 1892; Gardner Map and Atlas 1903; Midland Map 1918; Hixson 1930) showed no evidence of buildings or other structures within or adjacent to the APE (direct).

The archaeological surveyors explored the project area on October 2 and 3, 2008. The setting of this tower site is high, rolling uplands at the headwaters of small unnamed tributaries of Beaver Creek. At the time of the fieldwork, the project area was in mature soybeans that had largely defoliated. Ground surface visibility ranged from 25 to 80 percent.

Surveyors walked across the entire project area at 5 meter intervals. At the time of the survey there were stakes at the tower base and the three guy wire anchor positions. They conducted a subsurface auger test at each of these four staked locations to document the soil stratigraphy and sample the soils for the presence of buried cultural material. These tests extended well into subsoil in 10 cm arbitrary levels. They screened all sediments through 114 inch wire mesh.

These tests revealed a surficial plowzone from 20 to 25 cm thickness overlying a loamy and gravelly B horizon. On the most level ground, the area of the compound, they identified this soil profile as consistent with **Clarion loam, 2 to 5 percent slopes** (138B), and on the surrounding downslopes, the location of the anchors, they identified **Clarion loam, 5 to 9 percent slopes, moderately eroded** (138C2) (NRCS Official Soil Series). These determinations are consistent with the NRCS soil survey for Hardin County (Voy 1985). The surveyors observed no cultural material on the ground surface or in the spoils of these auger tests.

Wapsi Valley Archaeology’s Principal Investigator concluded that there was no evidence of cultural resources and, hence, no historic properties, within the APE (direct).

Auger Test Data

1. West Tower Anchor

0 – 20 cm	Very dark grayish brown	10 YR 3/2	loam
20 – 35 cm	Very dark gray	10 YR 3/1	loam
35 – 50 cm	Dark gray	10 YR 4/1	loam

3 Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological historic properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate.

4 Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if one of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.

2. Tower Base

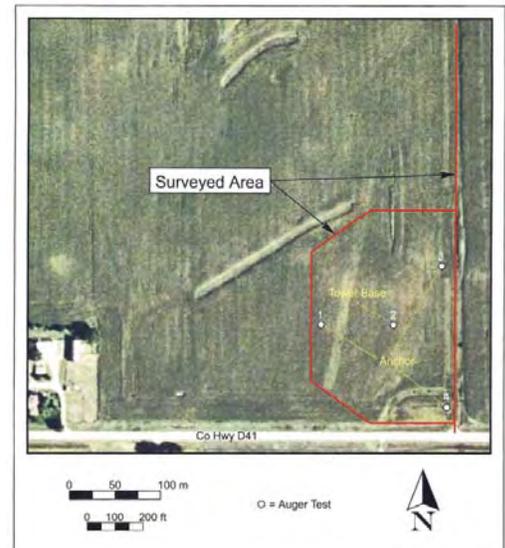
0 – 20 cm	Very dark gray	10 YR 3/1	loam
20 – 35 cm	Dark gray	10 YR 4/1	loam
35 – 50 cm	Grayish brown	10 YR 5/2	loam

3. North Tower Anchor

0 – 20 cm	Very dark grayish brown	10 YR 3/2	loam
20 – 30 cm	Yellowish brown	10 YR 5/4	loam

4. South Tower Anchor

0 – 20 cm	Very dark gray	10 YR 3/1	loam
20 – 35 cm	Dark gray	10 YR 4/1	loam
35 – 50 cm	Gray	10 YR 5/1	loam



Survey Area and Auger Tests
Extract from FSA 2006 Digital Color Orthophoto

Architectural Survey

Spark Architectural Consulting (Rebecca Lawin McCarley, Principal Investigator) conducted background and ground surveys of architectural resources within the APE of the proposed undertaking (direct and visual).

The background survey of Iowa architectural site records did not yield evidence of any architectural resources listed or eligible as historic properties, as defined within the NHPA.

The field survey identified one property with extant buildings within the APE (direct):

Hardin County Home (Hardin County Poor Farm, Hardin County Farm, Hardin County Care Facility), 28483 County Highway D41, Jackson Township (W ½ of SW & E ½ of SE, Section 26, T88N R20W).

Analysis of this structure resulted in its interpretation as eligible for listing in the National Register of Historic Places.

Hardin County Home

The buildings historically associated with the Hardin County Home are located about 1,250 feet to the west of the proposed tower site. The buildings are concentrated in the southeast corner of the east half of the southwest quarter, including the 1926 three-story brick Hardin County Home with 1953 two-story brick addition, the 1920s tile block pump house, 1920s gambrel-roof frame barn with tile block lower level, 1970s hip-roof one-story shop, and 1970s gable-roof metal equipment building.

The Hardin County Home was established through a land purchase about four miles northwest of the county seat of Eldora. A building was constructed in the southeast corner of the parcel (east half of the southwest quarter of Section 26), and a cemetery was established in the southwest corner. In the 1880s, the property was expanded to include the area to the east (west half of the southeast quarter of Section 26, south of the railroad). Maps from 1892, 1903, and 1918 show a building (home) facing the road, with

a building (likely a barn) immediately behind it. Drainage District No. 78 extended through the west half of the property in 1916, as depicted on the 1918 map. A fire destroyed the home in the early 1920s. A new brick “fire proof” County Home was built in 1926, along with new barns. The home served the needs of the county until the late 1940s. With changing conditions and a demand for new space, an addition was planned in 1950 and constructed in 1953 on the west side of the original building. The County Home began to serve more as a nursing home for county residents, and in the 1970s, it expanded with the addition of two new buildings. In the late 1990s, the County decided to close the home and move the residents into Eldora. In 2001, the county sold a 4-acre parcel with the remaining buildings to the current private owner. A grove of apple trees remains on the west side.

The County retained the lands outside the building cluster and leased them as cropland; the tower site is at the east edge of these fields. The Hardin County Home Cemetery remains in the southwest corner of the property.

The Hardin County Home property is eligible for listing on the National Register of Historic Places under Criterion A for its historic association with this aspect of the social history of Hardin County. The question of how to care for the less fortunate residents arose in the late 19th century, marked with the establishment of county homes throughout the state. The responsibility of the county to care for these residents continued through the 20th century, evolving to new profiles for residents by the middle of the 20th century. While the Hardin County Home continued to operate here until the late 1990s, the buildings and property features continue to reflect this significant history in Hardin County.

Additional research may reveal architectural significance as well. It does not appear to have any significance under Criterion B, association with significance persons.

The boundary for a Hardin County Home historic district encompasses the historic buildings, fields, and cemetery associated with the property (east half of the southwest quarter and west half of the southeast quarter south of the railroad of Section 26). Contributing buildings and sites include the Hardin County Home, pump house, barn, and Hardin County Home Cemetery.

Attachment 10 - Effects on Identified Properties

For each property identified as a Historic Property in Attachments 8 and 9: Indicate whether the Applicant believes the proposed undertaking would have a) no effect; b) no adverse effect; or, c) an adverse effect. Explain how each such assessment was made. Provide supporting documentation where necessary.

The boundary for a Hardin County Home historic district encompasses the historic buildings, fields, and cemetery associated with the property (east half of the southwest quarter and west half of the southeast quarter south of the railroad of Section 26). This area includes the location of the proposed communications tower, at the east edge of the west half of the southeast quarter of Section 26. The tower site is approximately 1,250 feet to the east-northeast of the buildings that contribute to the historic district. Generally open fields are located between these buildings and the tower site – fields that once provided sustenance for the residents of the Home. As the boundary includes the fields, the proposed tower will cause adverse effects, direct and visual, on this historic property.

Describe any alternatives that have been considered to avoid, minimize, or mitigate any adverse effects. Explain Applicant’s conclusion regarding feasibility of each alternative.

The Principal Investigator suggested that the Adverse Effect could be mitigated through one or several methods, upon concurrence with the Historic Preservation Office — State Historical Society of Iowa. Possible methods to mitigate the Adverse Effect included:

- a. Permitting co-locations so that additional towers need not be constructed nearby;
- b. Removing the tower when services are no longer needed via the tower; and
- c. Preparing a National Register of Historic Places nomination for the Hardin County Home Historic District, documenting the buildings, history of the property, and historic context on the significant association of the county home to social history of Hardin County and the relation of this County Home to others in the state.

The review by the Iowa State Historical Society’s State Historical Preservation Office (SHPO) of the recommendations above for the County Home property (letter, Ralph Christian, Historian, SHPO to Sheriff Tim Smith, Hardin County, July 13, 2009) stated: “your plan to prepare an application for the County Home property, and submit it to SHPO and the State Nomination Review Committee (SNRC) by February 2010, meets our mitigation criteria for this site.... Based on your proposed actions, we conclude that this serves as an appropriate mitigation process for this site, and therefore we have no objection to the construction of your new tower site”.

Attachment 11 -Photographs

Except in cases where no Historic Properties were identified within the APE, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map (see Item 12 below) or text, and dated; the focal length of the lens should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

- a. Photographs taken from the tower site showing views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the proposed tower.



View North to Tower Site

Photo: Spark Consulting



View North from Tower Site

Photo: Spark Consulting



View East from Tower Site

Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



View South from Tower Site
Photo: Spark Consulting



View West from Tower Site, showing Hardin County Home property
Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

b. Photographs of all listed and eligible properties within the Areas of Potential Effects.



Hardin County Home property (1971 Aerial Photograph – Spark Consulting)

c. Photographs of all listed and eligible properties within the Areas of Potential Effects. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.



View East to Tower Site from Hardin County Home property

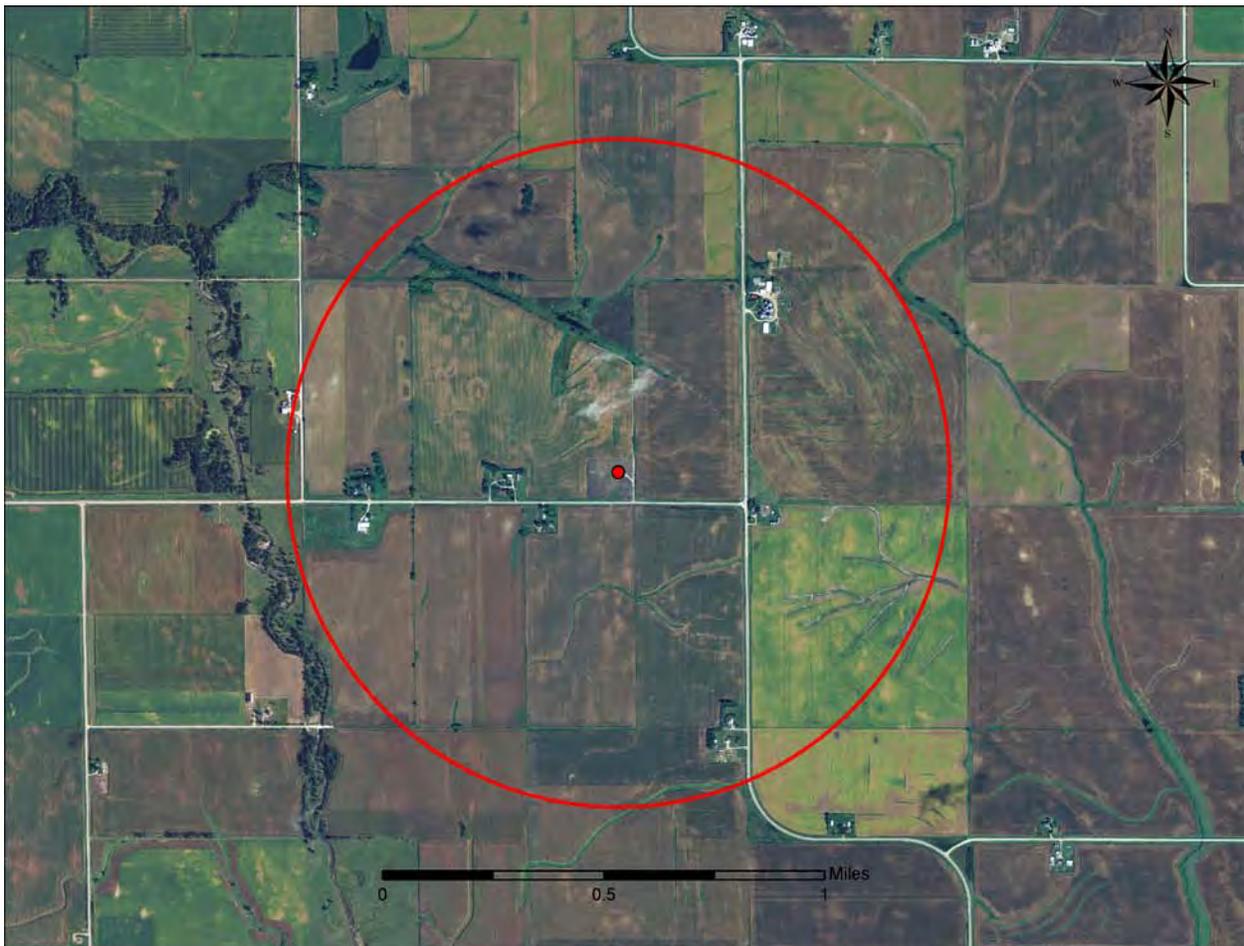
Photo: Spark Consulting

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

- d. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.

Photograph of tower site from Hardin County Home

- e. Aerial photos of the APE for visual effects.



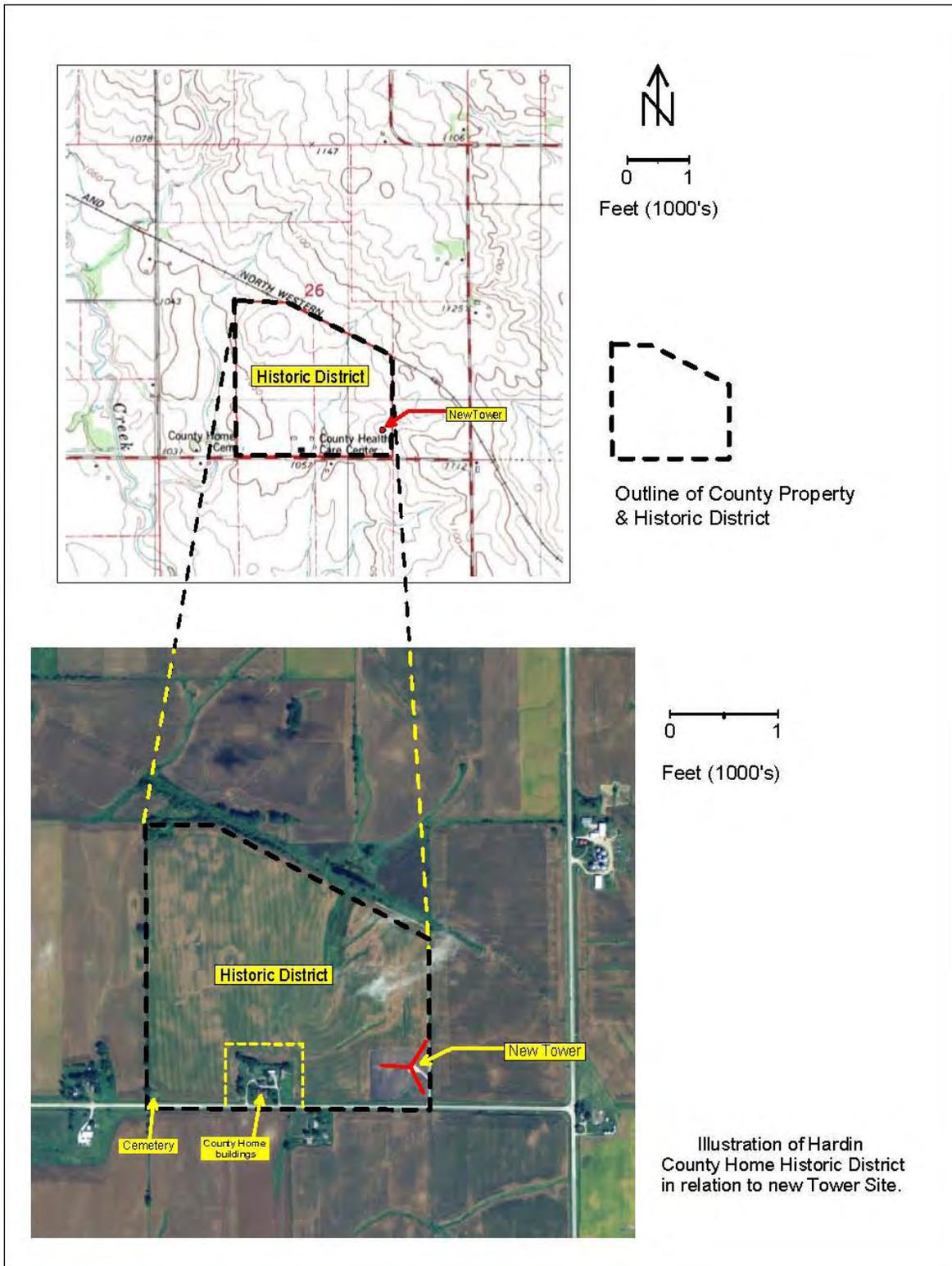
Eldora Tower Visual APE
FSA Digital Color Orthophoto

Attachment 12 –Maps



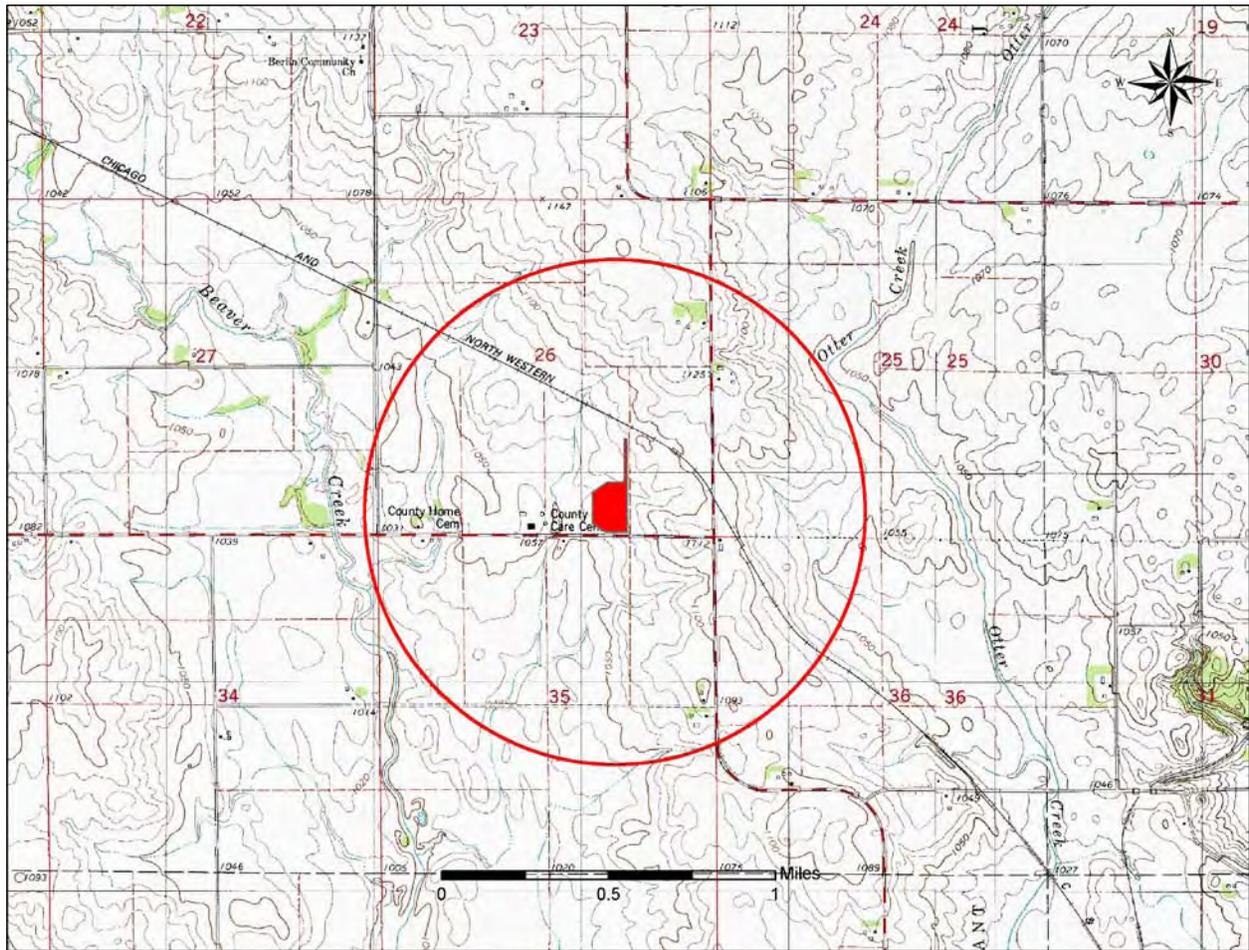
Tower Site in Rural Area Northwest of Eldora, Iowa

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



Eldora Tower Project Area, with Proposed Historic District

Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility



Archaeological Survey Location (APE Direct)
and ¾ mile APE (Visual)
USGS 7.5' Topographic Quadrangle, Eldora, IA (1979)
Scale: 1:24000

Bibliography and References Cited

All reports included in the Submission Packet should be footnoted and contain a bibliography of the sources consulted.

Footnotes may be in a form generally accepted in the preparer's profession so long as they identify the author, title, publisher, date of publication, and pages referenced for published materials. For archival materials/documents/letters, the citation should include author, date, title or description and the name of the archive or other agency holding the document.

A bibliography should be appended to each report listing the sources of information consulted in the preparation of the report. The bibliography may be in a form generally accepted in the preparer's profession.

Note: All references or footnotes are included in the text above.

Table 3-2: Hardin County Tower Project Tribal Consultation Summary

TCNS #42840, Notification sent by FCC to Tribes: August 1, 2008

	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
1	Lower Brule Sioux Tribe	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Rec'd email 12/9/08 no interest
2	Sisseton-Whapeton Oyate of Lake Traverse Reservation	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Rec'd email 12/9/08 no interest
3	Ponca Tribe of Nebraska	No	n/a	Rec'd email 8/6/08 no interest
4	Omaha Tribe of Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
5	Winnebago Tribe of Nebraska	No	Left Voice Message 9/16/08	Rec'd email 4/4/09 no interest
6	Iowa Tribe of Kansas / Nebraska	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
7	NAGPRA / Kanza Museum, Kaw Nation of Oklahoma	No	n/a	Rec'd email 11/14/08 no interest
8	Sac & Fox Nation of Oklahoma	No	Voice message 9/16/08	Rec'd email 9/17/08 no interest
9	Sac & Fox Tribe of Mississippi in Iowa	No	n/a	Rec'd email 8/14/08 no interest
10	Lower Sioux Indian Community of MN	No	n/a	No interest in project area if no response rec'd from Tribe within 30 days after notification through TCNS
11	Upper Sioux Community of MN	Yes- sent via mail project description, site & aerial photos, site topo map	Email 9-16-08	No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

	Tribal Agency	Data / Maps Required?	Ltr / Data Sent?	Date Received Comments / Concurrence
12	Ottawa Tribe of Oklahoma	Yes- sent via mail project description, site & aerial photos, site topo map	9/16/2008	Letter sent 9/16/08. Email sent 12/16/ 08. No Response received. Referred to FCC on 4/14/09; rec'd 20 day letter from FCC 4/16/09. Refer to Appendix K.

SECTION 3

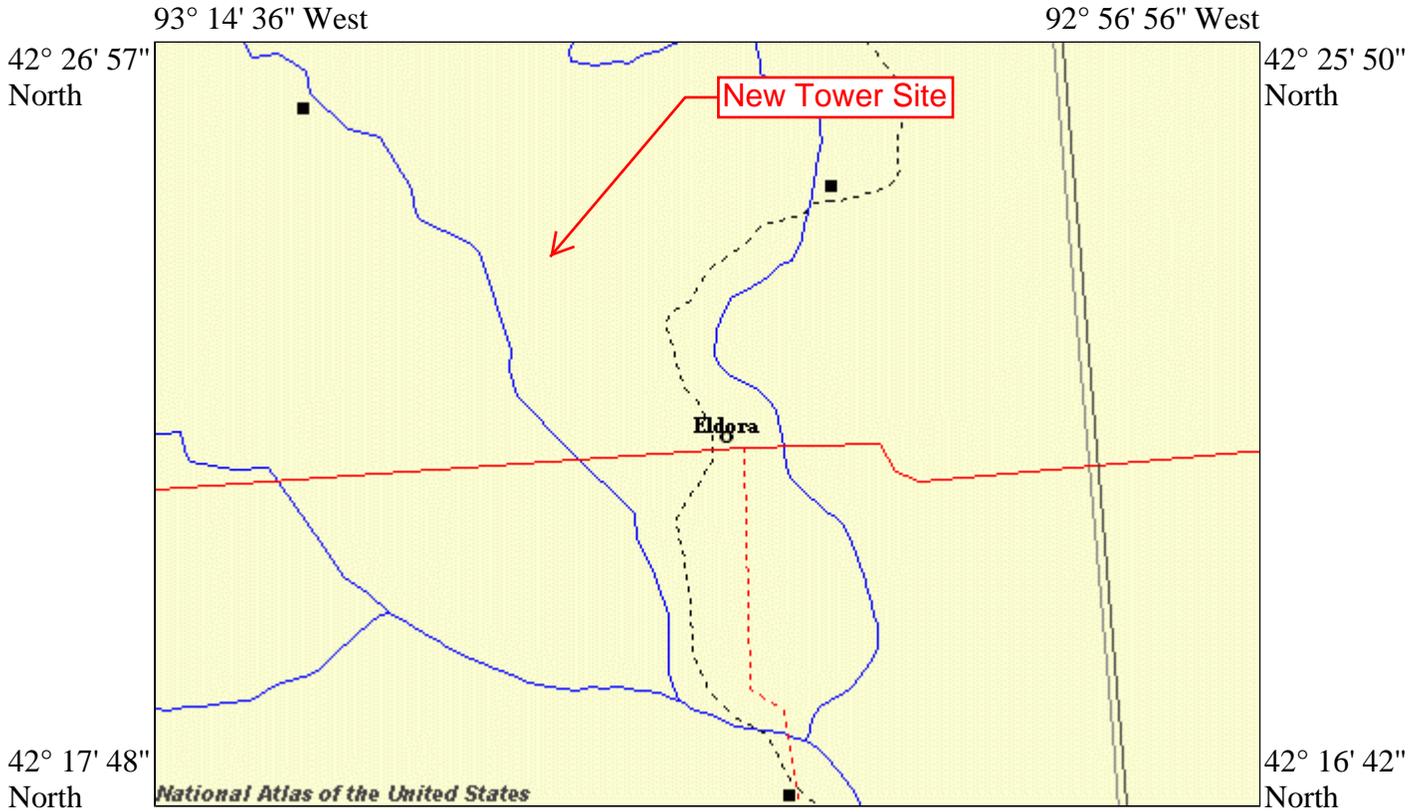
REGULATORY CORRESPONDENCE

- USFWS & ECOLOGICAL REVIEW
 - (See Environmental Assessment, Appendix F)
- IOWA DEPARTMENT OF NATURAL RESOURCES
 - (See Environmental Assessment, Appendix G)

Appendix L

National Atlas Land Resources Map

Hardin County Tower Site Facility - Land Use Map



93° 15' 36" West
Lambert Azimuthal Equal-Area
Projection


Miles 1 2 3

92° 57' 59" West
<http://nationalatlas.gov>
09-Jun-11 11:38AM

Boundaries

Counties

Source: [U.S. Geological Survey](http://www.usgs.gov)

Counties

States

Source: [U. S. Geological Survey](http://www.usgs.gov)

States

Indian Lands

Source: [U. S. Geological Survey](http://www.usgs.gov)

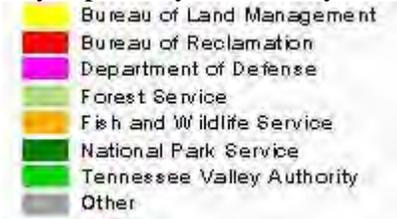
Layer partially covered by another layer



Federal Lands

Source: [U. S. Geological Survey](#)

Layer partially covered by another layer



Wilderness Preservation System Areas

Source: [U. S. Geological Survey](#)



Map Reference

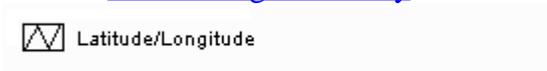
Cities and Towns

Source: [U.S. Geological Survey](#)



Latitude/Longitude

Source: [U.S. Geological Survey](#)



Transportation

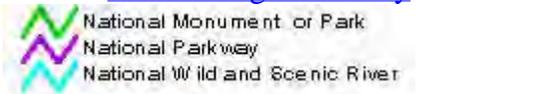
Railroads

Source: [U.S. Geological Survey](#)



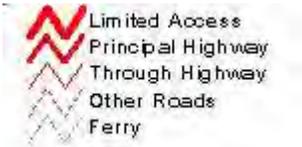
Parkways and Scenic Rivers

Source: [U.S. Geological Survey](#)



Roads

Source: [U.S. Geological Survey](#)



Water

Streams and Waterbodies

Source: [U.S. Geological Survey](http://www.usgs.gov)



Appendix M

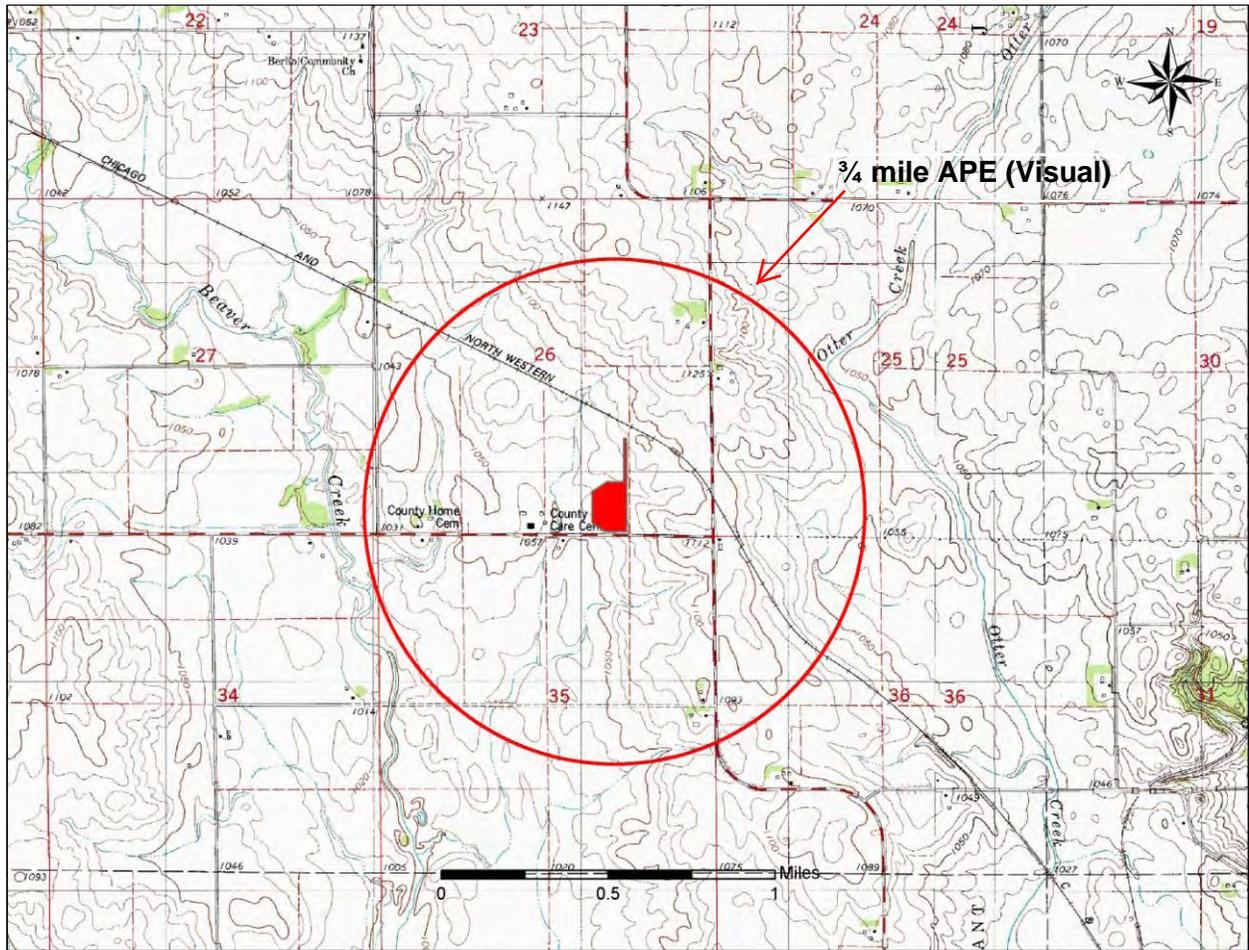
Photos of wind damaged Hardin County Tower Site



Figure M-1. Photos of wind damaged (September 2009) former 140 ft self supporting Hardin County Tower in downtown Eldora. Photos by Rey Freeman of GeoComm.

Appendix N

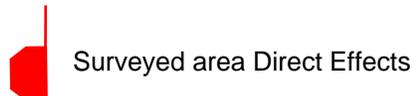
Maps of Visual & Direct Areas of Potential Effects (APEs)



Archaeological Survey Location (APE Direct)
and 3/4 mile APE (Visual)

USGS 7.5' Topographic Quadrangle, Eldora, IA (1979)

Scale: 1:24000



Applicant's Name: Hardin County Sheriff's Department, Hardin County, Iowa
Project Name: Hardin County Tower Site Facility

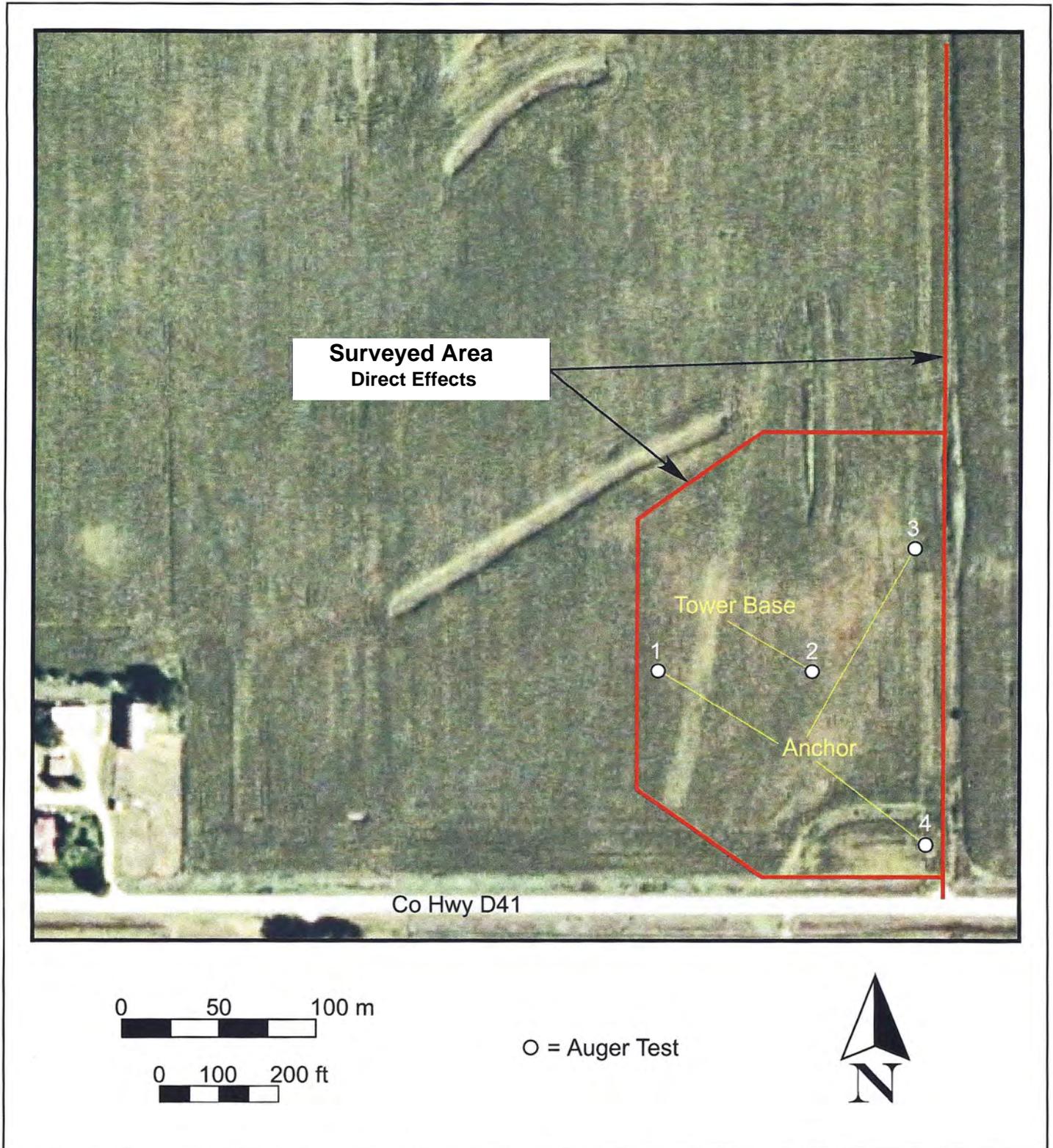


Figure 4. Plan map of the project area showing the locations of auger tests, tower base, and anchors. *Source: USDA natural color Orthophoto 2006, ISU and MIT, GISU Web site.*