



**NEPA ENVIRONMENTAL SUMMARY REPORT
AND CHECKLIST**

**Pyramid Network Services, LLC
Motorola MARC RAMBIS Project
Harrisonville Site
19108 East 231st Street
Harrisonville, Missouri 64701
ATC Project Number 17.29788.0009 (Task 17001)**



Prepared for:

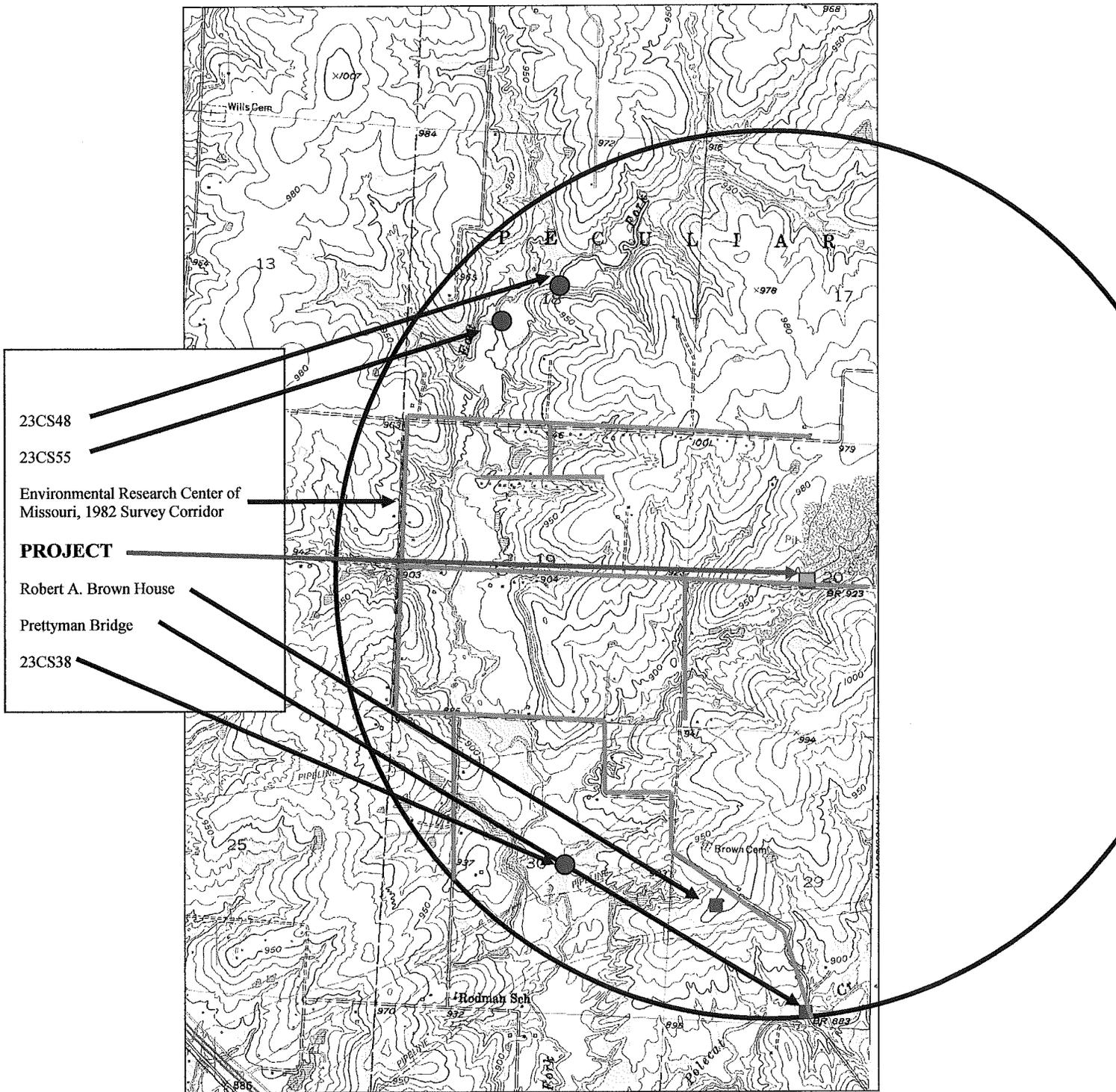
Mr. T.J. Sauthoff
Pyramid Network Services, LLC
6519 Towpath Road
East Syracuse, New York 13057
(315) 701-1300

Prepared by:

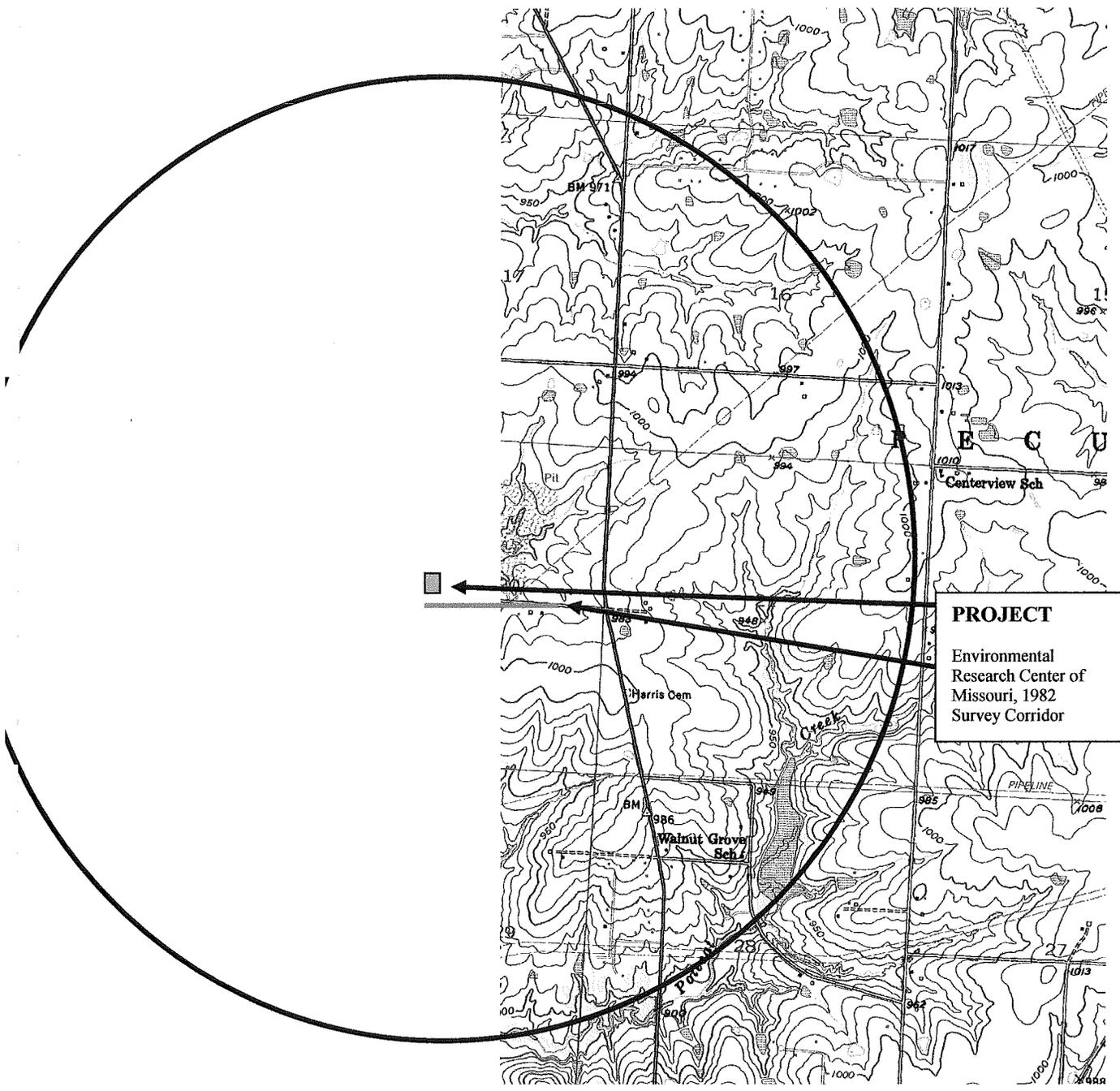
ATC Associates Inc.
8246 Marshall Drive
Lenexa, Kansas 66214
(913) 438-2800

June 4, 2009

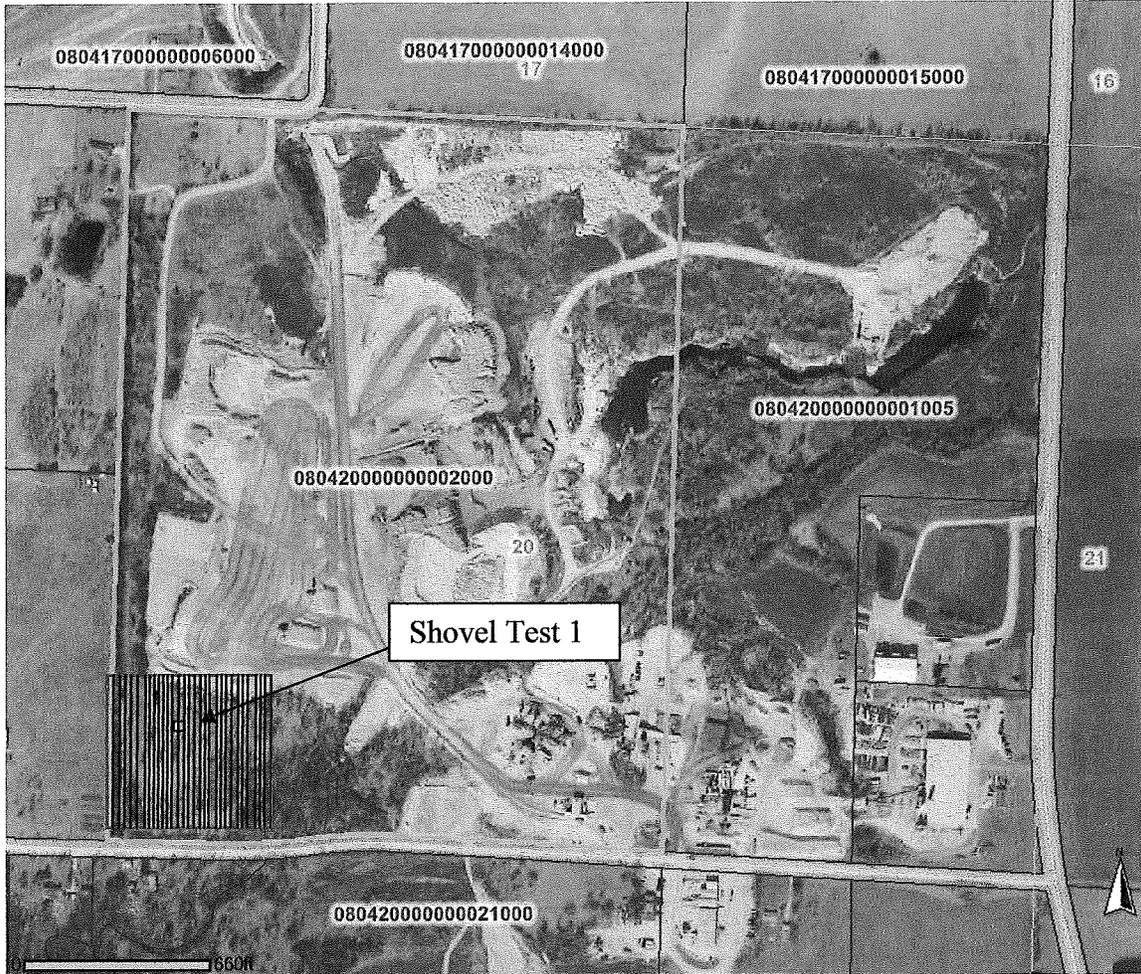
ATTACHMENTS



Western 2/3 of 1.5 mile radius surrounding project depicting previous survey areas and recorded cultural resources (Peculiar Quadrangle)

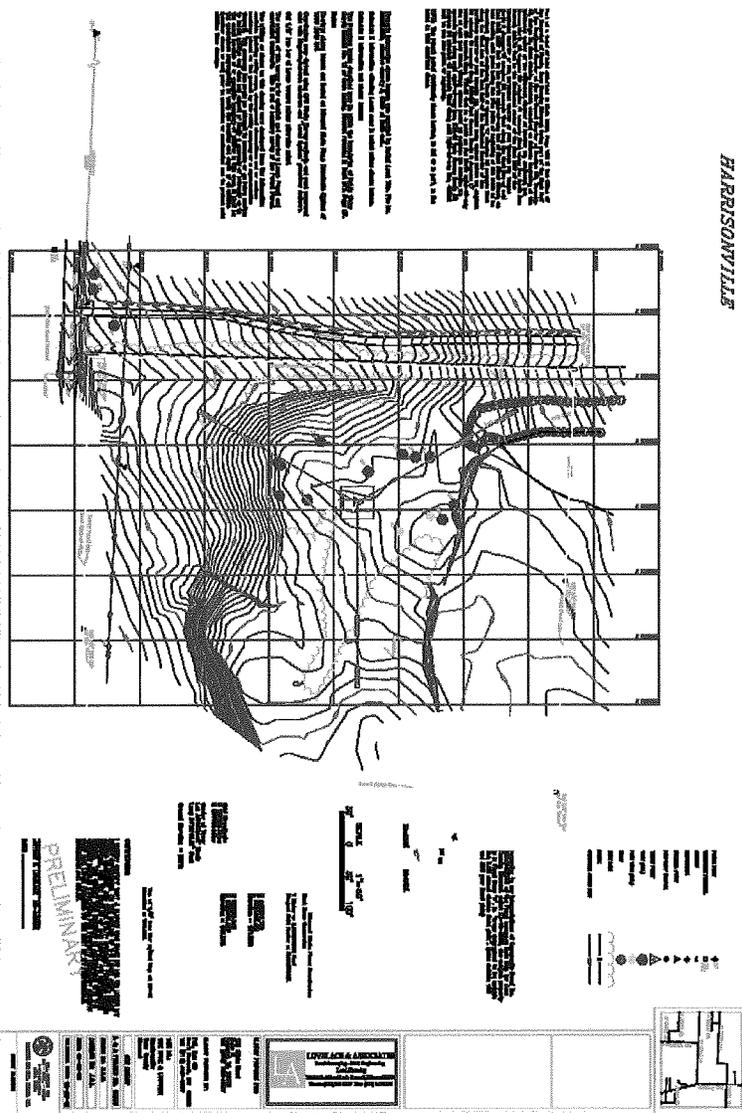


Eastern 1/3 of 1.5 mile radius surrounding project (Harrisonville Quadrangle). No cultural resources previously recorded.



Air photo showing location of project area in red, survey transects in black and Shovel Test 1 in blue.

HARRISONVILLE



Construction plans.



Photograph 1. View from tower to the north.



Photograph 2. View from tower to the northeast.



Photograph 3. View from tower to the east.



Photograph 4. View from tower to the southeast.



Photograph 5. View from tower to the south.



Photograph 6. View from tower to the southwest.



Photograph 7. View from tower to the west.



Photograph 8. View from tower to the northwest.



Photograph 9. Typical ground cover in survey area (note frequent shale and limestone bedrock material at surface).



Topsoil: Dark brown loam (10 YR 4/3); 0-5 cm

Subsoil: Yellowish brown clay loam with shale and limestone (10 YR 6/3); 5-20 cm

Profile of Shovel Test 1.

Appendix E

**Native American Tribal Consultation Letters and TCNS Notification Completed by ATC
Associates Inc. and Cultural Resource Survey**

ON(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380 list of

From: towernotifi nfo@fcc. gov
Sent: Friday, February 13, 2009 2: 00 AM
To: dave. owens@atcassoci ates. com
Cc: kim. pristello@fcc. gov; di ane. dupert@fcc. gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER
CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380

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. 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.

2. Acting THPO Lynette Grey - Cheyenne-Arapaho Tribes of Oklahoma - Concho, OK - electronic mail and regular mail

3. NAGPRA Representative Joseph Hale Jr - Prairie Band Potawatomi Nation - Mayetta, KS - regular mail

If the applicant/tower builder receives no response from the Prairie Band Potawatomi Nation within 30 days after notification through TCNS, the Prairie Band Potawatomi Nation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Prairie Band Potawatomi 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.

4. 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.

5. 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.

6. Tribal Historic Preservation Officer Dr. Andrea Hunter - Osage Nation - Pawhuska, OK - regular mail

Exclusions: The Osage Nation Tribal Historic Preservation Office requires the following information and fee regarding all antenna or tower notifications:

- 1) Specific legal description of site location using USPLSS and UTM
- 2) Maps locating project area, within region and within local area (aerial and USGS topo maps)
- 3) Project site plan maps, do not submit hand drawn or hand annotated maps
- 4) Site photographs (include images with exact location of construction site by taking shot with cell tower/base/compound location indicated or marked by stakes or flagging)
- 5) Professional cultural/archaeological survey report (Secretary of Interior's standards and guidelines for reports can be found at the National Park Service website (www.nps.gov)).
- 6) Reference all documentation with TCNS #.
- 7) Submit a \$200.00 per-tower fee for consultation, processing, and handling (effective November 1). Make the check payable to the Osage Nation. On the memo line write all TCNS numbers.
- 8) A cell tower consultation procedures document is available by email, send an email request to Dr. Andrea A. Hunter at: ahunter@osagetribe.org.

7. Administrative Assistant Jo Ann Beckham - Eastern Shawnee Tribe of Oklahoma - Seneca, MO - electronic mail

Exclusions: If you, the Applicant and/or tower constructor, do not receive a response from us, the Eastern Shawnee Tribe of Oklahoma, within 30 days from the date of the TCNS notification, then you may conclude that we do not have an interest

ON(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380 list of in the site. However, if archeological resources or remains are found during construction, you must immediately stop construction and notify us of your findings in accordance with the FCC's rules. (See 47 C.F.R. § 1.1312(d))

8. NAGPRA Representative Mandie Ferguson - Peoria Tribe of Indians of Oklahoma - Miami, OK - electronic mail

9. THPO Belinda Pryor - Shawnee Tribe - Miami, OK - regular mail
Exclusions: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 14 January 2008. Please call Belinda Pryor at 918-542-2441 so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). Belinda Pryor, manages all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain an original Shawnee Tribe signature. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain a signature, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notifications as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated on 14 January 2008 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION, INQUIRIES, OR CORRESPONDENCE VIA 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

ON(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380 list of 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.

10. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail

11. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail

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

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

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

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

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

17. Deputy SHPO Sara Parker - State Department of Natural Resources - Jefferson

ON(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380 list of
City, MO - electronic mail

18. SHPO Bob L Blackburn - Oklahoma Historical Society - Oklahoma City, OK - regular 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: 02/04/2009
Notification ID: 48800
Tower Owner Individual or Entity Name: Cass County
Consultant Name: David M Owens
Street Address: 8246 Marshall Drive
City: Lenexa
State: KANSAS
Zip Code: 66214
Phone: 913-438-2800
Email: dave.owens@atcassociates.com

Structure Type: GTOWER - Guyed Tower
Latitude: 38 deg 42 min 4.2 sec N
Longitude: 94 deg 22 min 46.0 sec W
Location Description: 19108 East 231 Street
City: Harrisonville
State: MISSOURI
County: CASS
Ground Elevation: 294.7 meters
Support Structure: 137.2 meters above ground level
Overall Structure: 140.2 meters above ground level
Overall Height AMSL: 434.9 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.

ON(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2123380 list of
Thank you,
Federal Communications Commission



8246 Marshall Drive
Lenexa, Kansas 66214
www.atcassociates.com
Telephone: 913.438.2800
Fax: 913.438.1784

March 17, 2009

Cheyenne-Arapaho Tribes of Oklahoma
Attn: Acting Tribal Historic Preservation Officer, Ms. Lynette Grey
250 Black Kettle Rd.
P.O. Box 137
Concho, Oklahoma 73022

Subject: Second Notice - FCC/NEPA Site Evaluation

Ms. Grey:

ATC Associates Inc. has been retained by Pyramid Network Services, LLC to conduct an evaluation regarding potential environmental impacts defined by the National Environmental Policy Act of 1969 (NEPA) at a telecommunication tower site in Harrisonville, Missouri. The proposed activity consists of construction of a 450-foot, guyed tower and installation of telecommunications equipment upon the tower as described in the attached *Site Information Table*.

Notification Received:	02/13/2009
Notification ID:	48800
Tower Owner Individual or Entity Name:	Cass County
Structure Type:	Gtower - Guyed Tower
Latitude:	38 degrees 42 minutes 4.2 seconds north
Longitude:	94 degrees 22 minutes 46.0 seconds west
Location Description:	19108 East 231 st Street
City:	Harrisonville
State:	Missouri
County:	Cass

The proposed tower site is undeveloped land approximately 500 feet north of 231st Street. A 2,500 square foot fenced compound will enclose the following: the 450-foot lattice guyed tower, a 11-foot by 16-foot equipment shelter on a concrete pad, a 1,000-gallon propane aboveground storage tank (AST) on a concrete pad, a H-frame with a single meter can, and a 50 kilowatt (KW) generator on a 4-foot by 9-foot concrete pad. An 8-foot tall chain-link fence will surround the perimeter of the proposed compound area.

In accordance with the requirements defined by 47CFR1.1307 of the Federal Communications Commission's rules, this screening is for the presence of wilderness areas, wildlife preserves, listed endangered/threatened species or designated critical habitats and proposed endangered species, or proposed critical habitats. We have also included an aerial photograph, topographical map, and a site plan of the site for your review.

Your assistance with this request for information is greatly appreciated. Please contact the undersigned at (913) 438-2800 with any questions or if you require additional information.

Respectfully,

ATC Associates Inc.

David Owens
Project Manager

Attachments

ATTACHMENT I

**SITE INFORMATION TABLE, AERIAL PHOTOGRAPH, SITE VICINITY MAP, AND
SITE PLAN**

Site Information Table

Site and Legal Description	Address/Owner Name	County	USGS 7.5 Minute Quad Map	Legal Location
<p style="text-align: center;">Site Description</p> <p>A 2,500 square foot fenced compound will enclose the following: the 450-foot guyed tower, a 11-foot by 16-foot equipment shelter on a concrete pad, a 1,000-gallon propane aboveground storage tank (AST) on a concrete pad, a H-frame with a single meter can, and a 50 kilowatt (KW) generator on a 4-foot by 9-foot concrete pad. An 8-foot tall chain-link fence will surround the perimeter of the proposed compound area. The power and telecommunications lines will be connected to an existing transformer and an existing telecommunications line that are located southeast of the site.</p> <p style="text-align: center;">Legal Description</p> <p>Part of a tract of land described in Book 1920, Page 193 in the Office of the Recorder of Deeds, Cass County, Missouri, being part of the East Half of the Southeast Quarter of the Northwest Quarter of Section 20, Township 45, Range 31, Cass County, Missouri, described as follows: Beginning at the Southeast corner of the Northwest Quarter of Section 20, aforesaid, run thence North 89 degrees 29 minutes 41 seconds West along the South line thereof, 662.72 feet to the Southwest corner of the East Half of the Southeast Quarter of the Northwest Quarter of said Section 20; Thence North 0 degrees 17 minutes 20 seconds West along the West line of said East Half, 3.07 feet to the North right-of-way line of East 231st Street, as now located, said point being the true point of beginning of the tract to be described; thence continuing North 0 degrees 17 minutes 20 seconds West along the West line of the East half of the Southeast Quarter of the Northwest Quarter of said Section 20, 750.00 feet; thence south 89 degrees 17 minutes 20 seconds East, 719.49 feet to a point on the North right-of-way line of said East 231st Street; thence South 85 degrees 30 minutes 53 seconds West along said right-of-way line, 230.42 feet; thence South 89 degrees 04 minutes 43 seconds West along said right-of-way line, 420.16 feet to the true point of beginning.</p>	<p>19108 East 231st Street, Harrisonville, Missouri 64701</p> <p>Owner: Cass County</p>	Cass	Peculiar, Missouri, Quadrangle	SE ¼ of NW ¼ , Section 20, Township 45N, Range 31W



SOURCE: MAPCARD 2004 AERIAL PHOTOGRAPH.



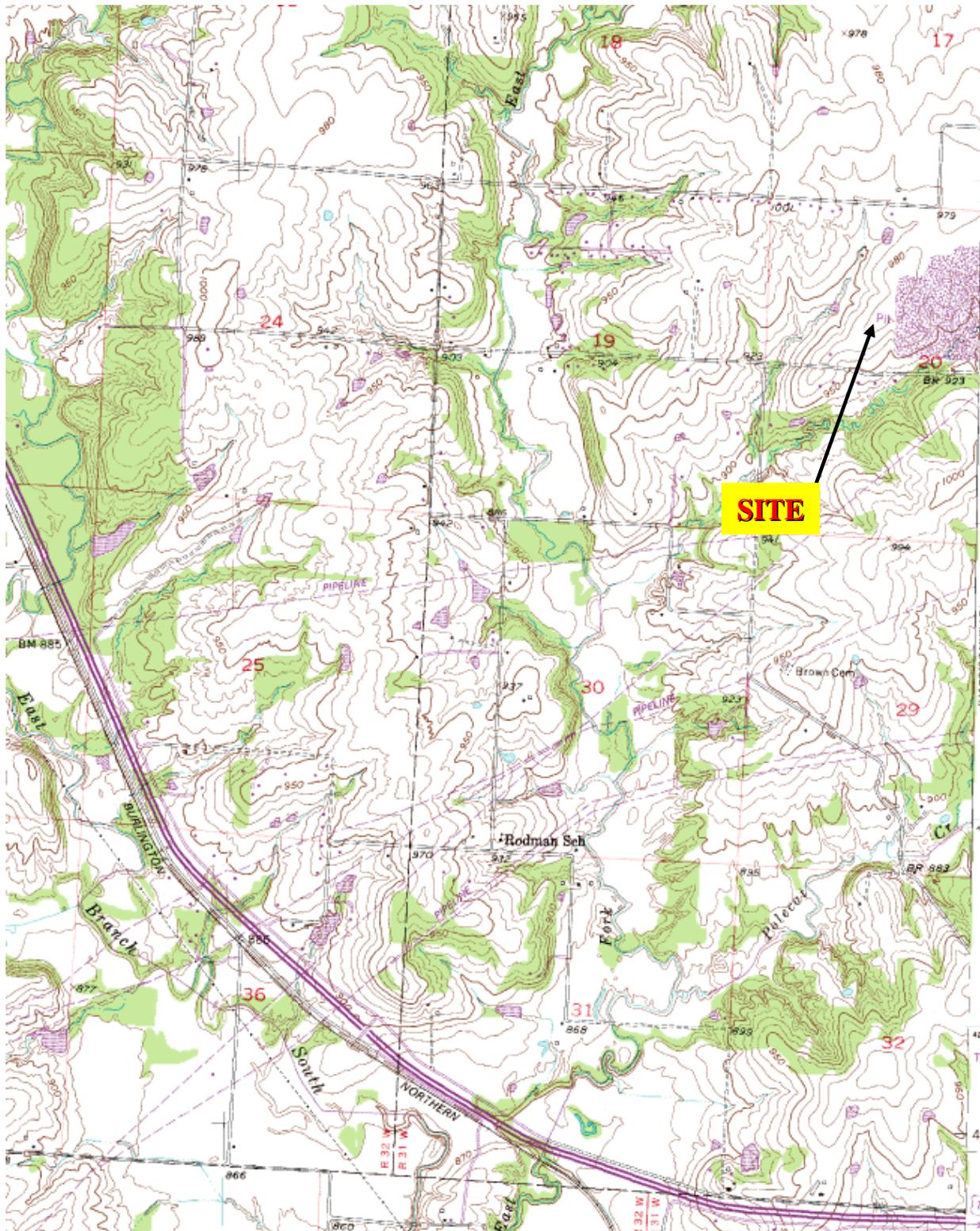
8246 Marshall Drive
Lenexa, KS 66214
(913) 438-2800

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: AERIAL.PPT

2004 AERIAL PHOTOGRAPH

MOTOROLA MARC RAMBIS PROJECT
HARRISONVILLE SITE
19108 EAST 231 STREET
HARRISONVILLE MISSOURI 64701



SOURCE: USGS PECULIAR QUADRANGLE, MISSOURI (7.5 MINUTE SERIES) 1954 TOPOGRAPHIC MAP – PHOTOREVISED 1981.



8246 Marshall Drive
 Lenexa, KS 66214
 (913) 438-2800

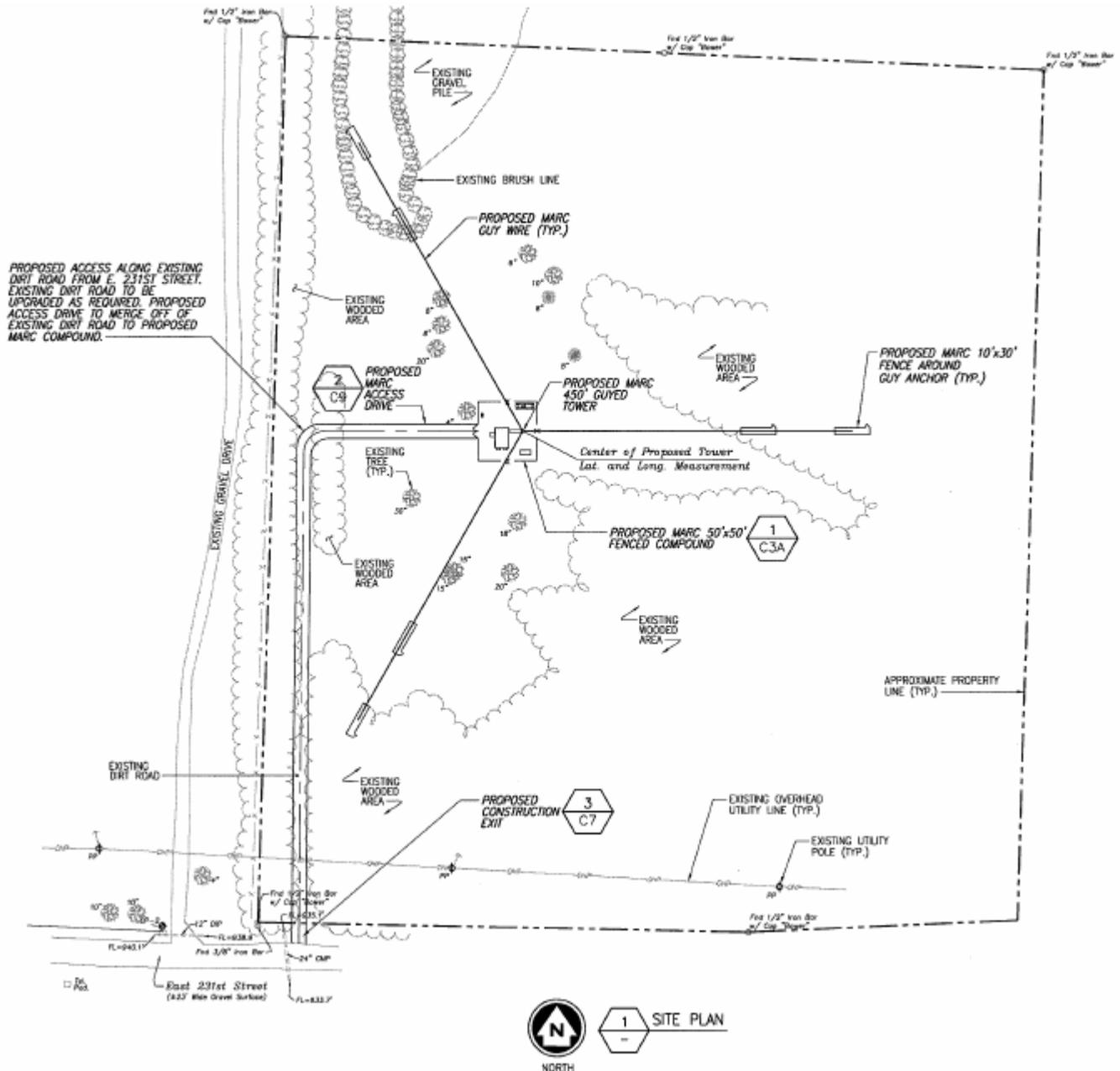
SITE VICINITY MAP

PYRAMID NETWORK SERVICES, LLC

MARC RAMBIS - HARRISONVILLE PROJECT
 19108 EAST 231 STREET
 HARRISONVILLE MISSOURI 64701

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: SITE.PPT



SOURCE: INFINGY ENGINEERING CONSTRUCTION DRAWINGS DATED 2/18/2009; OBTAINED FROM PYRAMID NETWORK SERVICES.



8246 Marshall Drive
 Lenexa, KS 66214
 (913) 438-2800

SITE PLAN

MOTOROLA MARC RAMBIS PROJECT
 HARRISONVILLE SITE
 19108 EAST 231 STREET
 HARRISONVILLE MISSOURI 64701

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: SITE PLAN.PPT



SOURCE: MAPCARD 2004 AERIAL PHOTOGRAPH.



8246 Marshall Drive
Lenexa, KS 66214
(913) 438-2800

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: AERIAL.PPT

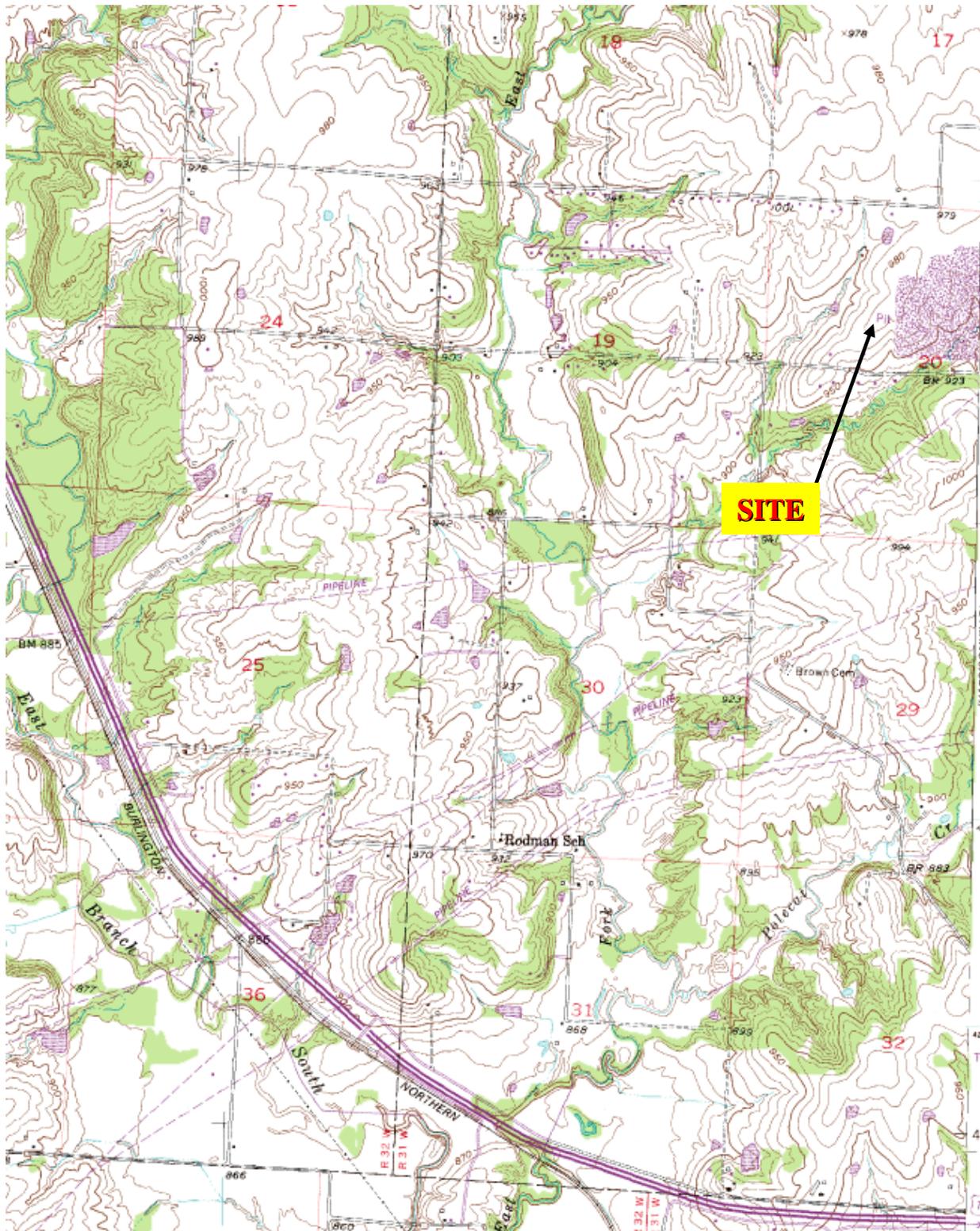
2004 AERIAL PHOTOGRAPH

MOTOROLA MARC RAMBIS PROJECT
HARRISONVILLE SITE
19108 EAST 231 STREET
HARRISONVILLE MISSOURI 64701

ATTACHMENT I
SITE INFORMATION TABLE

Site Information Table

Site and Legal Description	Address/Owner Name	County	USGS 7.5 Minute Quad Map	Legal Location
<p style="text-align: center;">Site Description</p> <p>A 2,500 square foot fenced compound will enclose the following: the 450-foot guyed tower, a 11-foot by 16-foot equipment shelter on a concrete pad, a 1,000-gallon propane aboveground storage tank (AST) on a concrete pad, a H-frame with a single meter can, and a 50 kilowatt (KW) generator on a 4-foot by 9-foot concrete pad. An 8-foot tall chain-link fence will surround the perimeter of the proposed compound area. The power and telecommunications lines will be connected to an existing transformer and an existing telecommunications line that are located southeast of the site.</p> <p style="text-align: center;">Legal Description</p> <p>Part of a tract of land described in Book 1920, Page 193 in the Office of the Recorder of Deeds, Cass County, Missouri, being part of the East Half of the Southeast Quarter of the Northwest Quarter of Section 20, Township 45, Range 31, Cass County, Missouri, described as follows: Beginning at the Southeast corner of the Northwest Quarter of Section 20, aforesaid, run thence North 89 degrees 29 minutes 41 seconds West along the South line thereof, 662.72 feet to the Southwest corner of the East Half of the Southeast Quarter of the Northwest Quarter of said Section 20; Thence North 0 degrees 17 minutes 20 seconds West along the West line of said East Half, 3.07 feet to the North right-of-way line of East 231st Street, as now located, said point being the true point of beginning of the tract to be described; thence continuing North 0 degrees 17 minutes 20 seconds West along the West line of the East half of the Southeast Quarter of the Northwest Quarter of said Section 20, 750.00 feet; thence south 89 degrees 17 minutes 20 seconds East, 719.49 feet to a point on the North right-of-way line of said East 231st Street; thence South 85 degrees 30 minutes 53 seconds West along said right-of-way line, 230.42 feet; thence South 89 degrees 04 minutes 43 seconds West along said right-of-way line, 420.16 feet to the true point of beginning.</p>	<p>19108 East 231st Street, Harrisonville, Missouri 64701</p> <p>Owner: Cass County</p>	<p>Cass</p>	<p>Peculiar, Missouri, Quadrangle</p>	<p>SE ¼ of NW ¼ , Section 20, Township 45N, Range 31W</p>



SOURCE: USGS PECULIAR QUADRANGLE, MISSOURI (7.5 MINUTE SERIES) 1954 TOPOGRAPHIC MAP – PHOTOREVISED 1981.



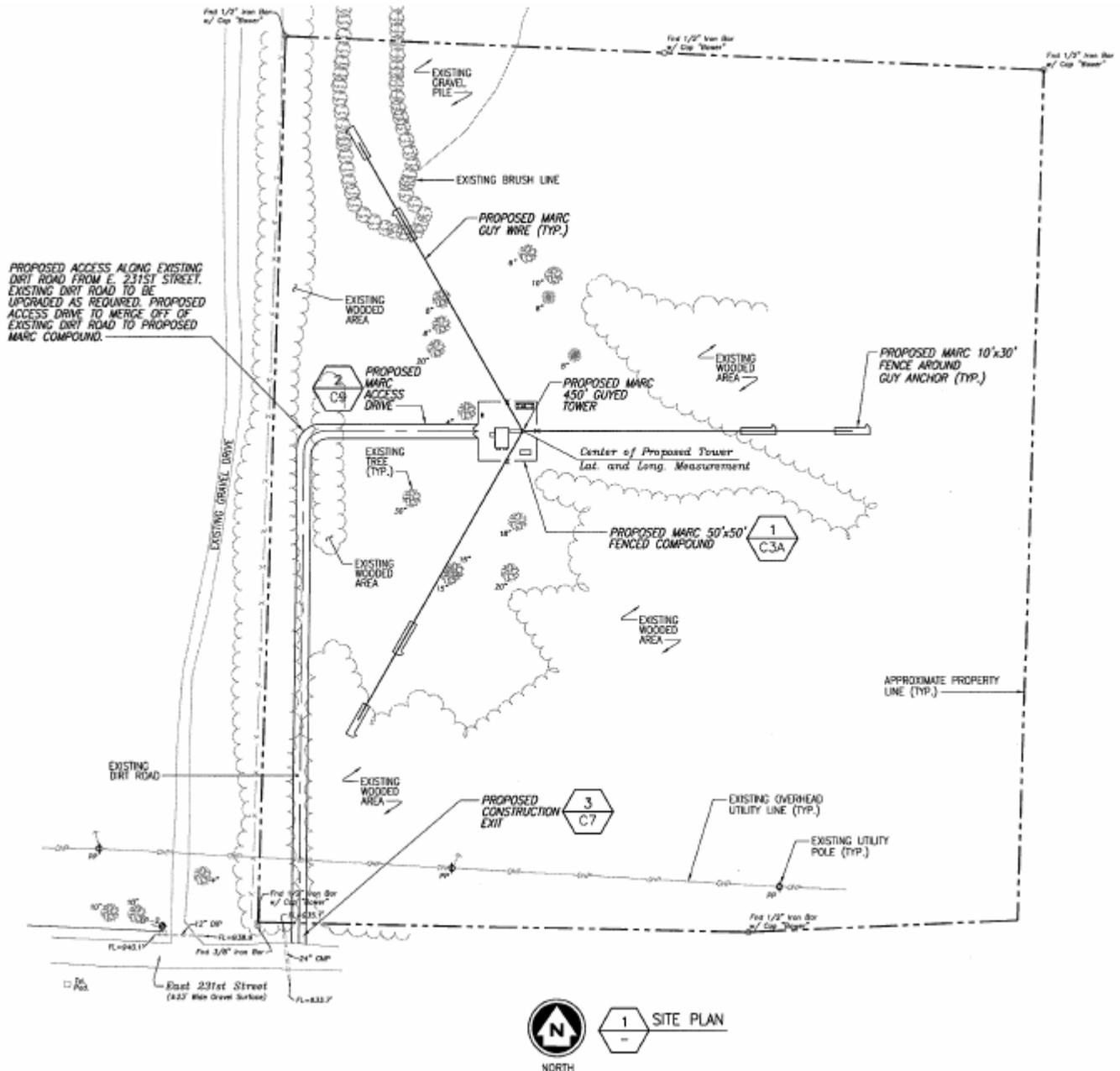
8246 Marshall Drive
 Lenexa, KS 66214
 (913) 438-2800

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: TOPO.PPT

TOPOGRAPHIC MAP

MOTOROLA MARC RAMBIS PROJECT
 HARRISONVILLE SITE
 19108 EAST 231 STREET
 HARRISONVILLE MISSOURI 64701



SOURCE: INFINGY ENGINEERING CONSTRUCTION DRAWINGS DATED 2/18/2009; OBTAINED FROM PYRAMID NETWORK SERVICES.



8246 Marshall Drive
Lenexa, KS 66214
(913) 438-2800

SITE PLAN

MOTOROLA MARC RAMBIS PROJECT
HARRISONVILLE SITE
19108 EAST 231 STREET
HARRISONVILLE MISSOURI 64701

PROJECT NO.: 17.29788.0009

DESIGNED BY: ATC	SCALE: N/A	REVIEWED BY: ESC
DRAWN BY: DMO	DATE: 02/09	FILE: SITE PLAN.PPT

ATTACHMENT III
CULTURAL RESOURCES SURVEY



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 HISTORIC PRESERVATION PROGRAM
 P.O. BOX 176, JEFFERSON CITY, MISSOURI 65102
 (573) 751-7858
SECTION 106 SURVEY MEMO

SHPO USE ONLY	
REVIEWER	
DATE	SHPO LOG #
<input type="checkbox"/> ACCEPTED	<input type="checkbox"/> REJECTED

1) HPP 106 PROJECT #

LOCATION INFORMATION AND SURVEY CONDITIONS

2) COUNTY(S)
Cass

3) QUADRANGLE
Peculiar

4) PROJECT TYPE/TITLE
RAMBIS- Harrisonville, Missouri

5) FUNDING/PERMITTING FEDERAL AGENCY(S)
FCC

6) SECTION
SE SE SE NW Section 20

7) TOWNSHIP
45N

8) RANGE
31W

9) U.T.M.
see Continuation Sheet

10) PROJECT DESCRIPTION
450' guyed telecommunications tower with access road

11) TOPOGRAPHY
Terrace and slope

12) SOILS
Polo Silt Loam

13) DRAINAGE
Unnamed tributary of the East Fork of East South Branch Grand River

14) LAND USE/GROUND COVER (INCLUDING % VISIBILITY)
Previously cultivated eroded pasture (40-50%)

15) SURVEY LIMITATIONS
Visibility - Shovel test excavated (see item 24)

HISTORICAL BACKGROUND INFORMATION

16) HPP - CULTURAL RESOURCE INVENTORY

17) ARCHAEOLOGICAL SURVEY OF MISSOURI

18) GIS DATABASE
 see Cont. Sheet

19) HISTORIC PLATS/ATLASES/SOURCES
1895, 1912, and 1930 Cass County Atlases (see Continuation Sheet for references).

20) PREVIOUSLY REPORTED SITES
None

21) PREVIOUS SURVEYS
One survey along southern margin of project-negative (see Continuation Sheet for reference).

22) REGIONAL SOURCES UTILIZED
Cass County Historical Society, 400 E Mechanic, Harrisonville, MO 64701

23) MASTER PLAN RECOMMENDATION

24) INVESTIGATION TECHNIQUES
Pedestrian survey at 5m intervals across entire project area and excavation of a shovel test in
one area of heavy pasture (see Continuation Sheet).

25) TIME EXPENDED
9 PERSON HOURS

26) HISTORIC PROPERTIES LOCATED
None

27) CULTURAL MATERIALS
None

28) CURATED AT

29) COLLECTION TECHNIQUES
NA

30) AREA SURVEYED (ACRES & SQUARE METERS)
2.5 ac (c. 10,000 sq m) about 100 m on a side.

31) RESULTS OF INVESTIGATION AND RECOMMENDATIONS:

a) No Historic Properties Located.

b) No National Register Eligible Historic Properties Located.

c) National Register Eligible Historic Properties Located.

d) Historic Properties May Meet Requirements For National Register Eligibility; Phase II Testing Is Recommended:

e) Comments: See Continuation Sheet for discussion of structures and visual impacts.

CULTURAL RESOURCE MANAGEMENT CONTRACTOR INFORMATION

32) ARCHAEOLOGICAL CONSULTANT
 John R. Bozell (resume attached)

33) ADDRESS/PHONE
 408 1/2 S Western Ave. Sioux Falls, SD 57104 402-617-7651

34) SURVEYOR(S) John R. Bozell	35) SURVEY DATE(S) 2/2/09
36) REPORT COMPILED BY John R. Bozell	37) DATE 2/18/09

38) SUBMITTED BY (SIGNATURE AND TITLE)
John R. Bozell, CONSULTANT

39) ATTACHMENT CHECK LIST: (REQUIRED)

1) Relevant Portion of USGS 7.5' Topographic Quadrangle Map(s) Showing Project Location and Any Recorded Sites;

2) Project Map(s) Depicting Survey Limits and, when applicable, Approximate Site Limits, and Concentrations of Cultural Materials;

3) Site Form(s): One Copy of Each Form;

4) All Relevant Project Correspondence;

5) Additional Information Sheets as Necessary.

40) ADDRESS OF OWNER/AGENT/AGENCY TO WHOM SHPO COMMENT SHOULD BE MAILED

ATC Associates, INC.

8246 MARSHALL DR.

LENEXA, KS 66214

41) CONTACT PERSON Ed Creadon	42) PHONE NUMBER 913-438-2800
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REVIEWER COMMENTS

SECTION 106 SHPO MEMO, CONTINUATION SHEET

9) UTM coordinates for the corners of project area. NW: 4284520/380075; NE: 4284526/380168; SE 4284423/380163; SW 4284423/380058. All Zone 15 S (NAD 1983).

18) Records search completed by Kerry Nichols (MO, SHPO) Cultural Resources Inventory Coordinator. Correspondence below:

Hi Kerry,

The legal description for the Harrisonville cellular tower project we spoke about this morning is SE SE SE NW Sec 20; T45N R31W. A map is attached (Peculiar Quad)

Thanks much.

Rob Bozell

Rob,

Sorry it took so long.....we've had both Thursday and Monday off due to state holidays. Part of your project area appears to have been previously surveyed (report CS-002). It does not appear that there are any known archaeological sites within the area of direct effects. The closest sites appear to be in Sections 18 and 30 and are about a mile distant from your project area (files attached).

*Kerry Nichols
Cultural Resource Inventory Coordinator
State Historic Preservation Office
P.O. Box 176 Jefferson City Missouri 65101
phone: (573) 751-7861
e-mail: kerry.nichols@dnr.mo.gov*

19) Three Cass County maps were consulted. None depict buildings at project location.

1895 Northwest Publishing Co. Plat Book of Cass County, Missouri. Drawn from Actual Surveys and County Records.

1912 Atlas of Cass County, Missouri. Windmill Publications, Reprint 1998.

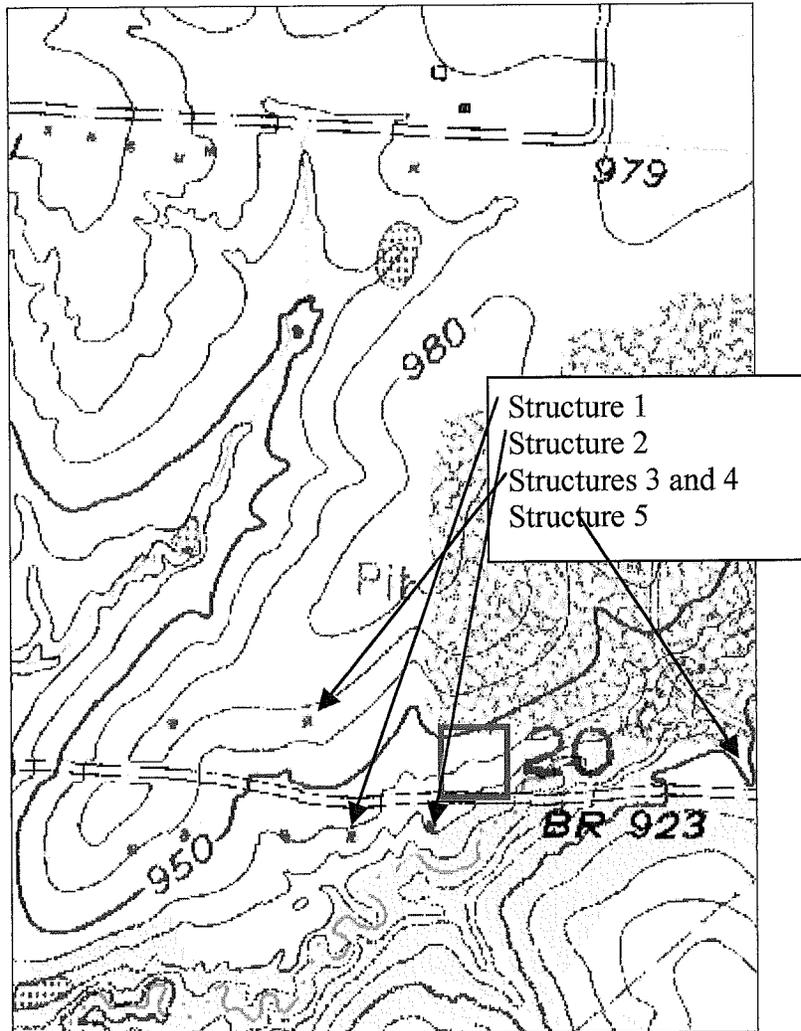
1930 Plat Book of Cass County, Missouri. W.M. Hixson and Co., Rockford, Illinois.

21) 1982 *An Intensive Cultural Resources Survey of the Areas to be Included in the Proposed Cass County Water District # 10 Waterline Project*. Prepared by the Environmental Research Center of Missouri, Inc. Jefferson City, Missouri.

24) In addition to the surface survey, one shovel test was excavated at the center of the project. The test was 50 cm in diameter and excavated to a depth of 20 cm at which point dense limestone and shale bedrock was encountered. Fill was screened through ¼ inch mesh and no cultural material was observed. A profile of the shovel test is provided in the attachments to this document.

31e) Five structures are adjacent to the proposed tower. All appear to have been built within the last 50 years (see photographs 3-6 in the attachments). The proposed tower will not introduce any visual impacts to the general project area that has not already been introduced through extensive quarry operations (see air photo in attachments).

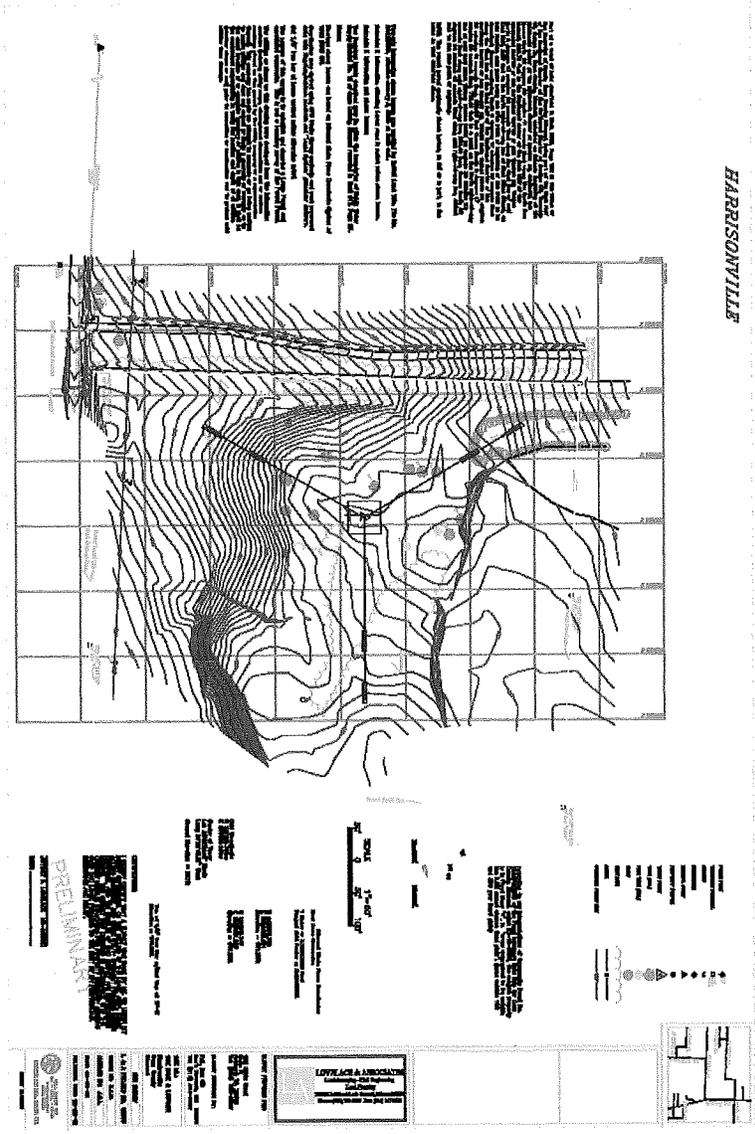
ATTACHMENTS



Project area (depicted in red) and location of surrounding structures, USGS 7.5 minute Peculiar quadrangle.



Air photo showing location of project area in red and Shovel Test 1 in blue.



Construction plans.



Photograph 1. Project area looking north-northwest.



Photograph 2. Quarry area looking north-northeast from project area.



Photograph 3. Structure 1 looking southwest.



Photograph 4. Structure 2 looking southwest.



Photograph 5. Structure 3 and 4 looking west.



Photograph 6. Structure 5 looking northeast.



Topsoil: Dark brown loam (10 YR 4/3); 0-5 cm

Subsoil: Yellowish brown clay loam with shale and limestone (10 YR 6/3); 5-20 cm

Profile of shovel test 1.

Appendix F

Response Received from Native American Tribal Groups



RECEIVED
JUN 02 2009

TRIBAL HISTORIC PRESERVATION OFFICE

Date: May 27, 2009

File: 0809-155MO-48800

RE: Proposed Motorola MARC RAMBIS, Harrisonville, Cass County, Missouri
TCNS# 48800

ATC Associates INC.
David Owens
8246 Marshall Drive
Lenexa, Kansas 66214

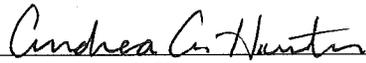
Dear Mr. Owens,

The Osage Nation Historic Preservation Office has evaluated your submission and concurs that the proposed cell tower on lease property located at 19108 East 231st Street, Harrisonville, Cass County, Missouri, **will not adversely affect properties of cultural or sacred significance to the Osage Nation.** The findings of this S106 review for the cell tower, has resulted in a determination of "No Adverse Effect."

In accordance with the National Historic Preservation Act (NHPA) [16 U.S.C. 470 §§ 470-470w-6] 1966, undertakings that are subject to the review process are referred to in S101 (d) (6) (A), which clarifies that historic properties may have religious and cultural significance to Indian tribes. Additionally, Section 106 of NHPA requires Federal agencies to consider the effects of their actions on historic properties (36 CFR Part 800) as does the National Environmental Policy Act (43 U.S.C. 4321 and 4331-35 and 40 CFR 1501.7(a) of 1969). **The Osage Nation concurs that as a part of the scoping process ATC Associates INC., fulfilled NHPA and NEPA compliance by consulting with the Osage Nation Historic Preservation Office in regard to the proposed project referenced as cell tower site Motorola MARC RAMBIS, Harrisonville, Cass County, Missouri , TCNS# 48800.**

The Osage Nation has vital interests in protecting its historic and ancestral cultural resources. We do not anticipate that this project will adversely impact any cultural resources or human remains protected under the NHPA, NEPA, the Native American Graves Protection and Repatriation Act, or Osage law. **If, however, artifacts or human remains are discovered during project construction, we ask that work cease immediately and the Osage Nation Tribal Historic Preservation Office be contacted.**

Should you have any questions or need any additional information please feel free to contact me at the number and/or email address listed below. Thank you for consulting with the Osage Nation on this matter.



Dr. Andrea A. Hunter
Tribal Historic Preservation Officer



SHAWNEE TRIBE
 HISTORIC PRESERVATION DEPARTMENT
 29 SOUTH HIGHWAY 69A
 MIAMI, OKLAHOMA 74354
 918 ^ 542 ^ 2441 PHONE 918 ^ 542 ^ 9915 FAX

FACSIMILE COVER PAGE

To: David Owens FROM: Kim Jumper
 FIRM/AGENCY: ATC DATE/TIME: 5/19/09
 FAX NUMBER: 913-438-1784 NO. OF PAGES, INCLUDING COVER: _____
 PHONE NUMBER: _____ MEMO: 48800

Message: The Shawnee Tribe's Tribal Historic Preservation Officer concurs that no known historic properties will be negatively impacted by construction of this tower site (see memo line above for TCNS number/s). The Shawnee Tribe's archives do not reveal any issues of concern at this tower location. In the event that archaeological materials are encountered later during construction, use, or maintenance of this tower location, please re-notify us at that time as we would like to resume consultation under such a circumstance.

The Shawnee Tribe's Environmental and Natural Resources Department takes this opportunity to express its concerns that telecommunication towers can have a potentially destructive impact on bats and migratory birds, particularly those that migrate at night, including species listed as threatened and endangered by both states and the federal government, as well as other species. The Shawnee Tribe suggests that this tower be constructed in accordance with the guidelines available from the US Fish and Wildlife Service to reduce the adverse effects of telecommunications towers on migratory birds; these guidelines may be found at: www.fws.gov/migratorybirds/issues/towers/comtow.html.

The Shawnee Tribe's Environmental and Natural Resources Department is further concerned that the proliferation of cell towers may play a role in honey bee Colony Collapse Disorder. We acknowledge that cell phone technology may not be to blame, especially by itself, as other potential causative factors for the decline have been noted, such as insecticides, tracheal and varroa mites (an immunosuppressant), other parasites, pesticides used on hives to eliminate parasites, genetically modified plants, *Nosema* fungus, Israeli Acute Paralysis Virus (IAPV) perhaps introduced from Australia in 2004, Kashmir Bee Virus [KBV], climate change, and drought.

Finally, the Shawnee Tribe's Environmental and Natural Resources Department requests that cell tower sites, whenever remotely feasible, be restored to native vegetation. In all cases, habitat restoration can protect a variety of species, even in small project areas. The large number of cell tower sites provides an as yet unrealized opportunity for region-wide habitat restoration. The Tribe urges the cell phone industry to provide a model for native habitat restoration for other industries.

Please do not hesitate to call us for additional comment.

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