

Draft Environmental Assessment

Heart of Texas Council of Governments

(Prepared by Archer, Inc.)

Clifton Tower Site

Bosque County, Texas

Homeland Security Grant Program (HSGP)

Project/Grant# 2010-SS-T0-0008 (10186)

March 2012



FEMA

Federal Emergency Management Agency
Department of Homeland Security
500 C Street, SW
Washington, DC 20472

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1.0 Introduction

1.1 Project Description

The Heart of Texas Council of Governments (HOTCOG) proposes to construct a 199 foot tall (top of structure) self-support telecommunications tower (the Proposed Action) at 1046 County Road 1606, Clifton, Bosque County (Latitude: 31.88883, Longitude: -97.42314), Texas. HOTCOG has been awarded funding under the Homeland Security Program (at a 50% level) and the Law Enforcement and Terrorism Prevention Account (at a 50% level) to fund the Proposed Action. The funding grant number is 2010-SS-T0-0008 (10186). These programs provide funding to public safety agencies to construct and implement equipment and programs that will increase and protect critical communications infrastructure in the event of a natural disaster, terrorism event, as well as during routine operations.

1.2 NEPA Requirements

This Environmental Assessment has been prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the President's Council on Environmental Quality regulations to implement NEPA (40 Code of Federal Regulations Parts 1500-1508), and the Federal Management Agency (FEMA) regulations implementing NEPA (44 CFR Part 10). FEMA is required to consider potential environmental impacts before funding or approving actions and projects. The purpose of this EA is to analyze the potential environmental impacts of the Proposed Action. FEMA will use the findings in this EA to determine whether to prepare an Environmental Impact Statement (EIS) or a Finding of No Significant Impact (FONSI).

2.0 Purpose And Need

2.1 Purpose

HOTCOG's objective is to have complete communication coverage throughout Bosque County, Texas. This would involve managing routine daily radio traffic as well as emergency incident radio traffic for Bosque County.

2.2 Need

Bosque County, Texas needs to provide radio communications coverage for public safety agency communication in areas that currently lack coverage or lack adequate coverage.

3.0 Alternatives

3.1 No Action Alternative

Under the No Action Alternative, no telecommunications tower would be constructed. This alternative would jeopardize public safety by allowing the continuation of the existing, inadequate level of radio communications for public safety agencies.

3.2 Proposed Action

The Proposed Action will consist of the construction of a 199 foot total height self-support telecommunications tower which will be equipped with a candelabra antenna mount at the approximate 180-foot level. The tower will be engineered to accommodate future, possible cell phone platform mounts at the 160-foot level and the 120-foot level. Additional actions will include the following:

- Placement of a pre-fabricated equipment shelter.
- Installation of electronic telecommunications equipment with the equipment shelter.
- Installation of cabling leading from the equipment shelter to the radio antennas.
- Installation of two way radio antennas mounted on a candelabra mount at the approximate 180-foot level.
- Possible future installation of cellular telephone antenna platforms at the 160-foot and 120-foot levels.
- Placement of a liquefied petroleum gas-powered emergency electrical generator and associated above-ground storage tank outside of the equipment shelter.
- Placement of emergency power backup lead/acid batteries within the equipment shelter.

Upon completion of construction, the facility will be managed and owned by Bosque County, Texas.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas (Latitude: 31.88883. Longitude: -97.42314).

Photographs of the Proposed Action area are included in Exhibit 1. A vicinity map and site plan of the Proposed Action area is included in Exhibit 2.

3.3 Alternatives Considered And Dismissed

Alternative actions that were considered included collocation on existing telecommunications towers and collocations on existing buildings or other non-telecommunications structures such as elevated water tanks, freeway overpasses, and electrical transmission line support structures. These alternatives proved not to be feasible because of the following considerations:

- With regard to collocation on existing telecommunications towers, either no towers of sufficient height were located within a target radius that would afford adequate coverage or the operators of any existing towers within the target radius were unwilling to agree to long-term collocation leases.
- With regard to collocation on existing non-tower structures, no structures of adequate height were identified within the search radius that would enable adequate coverage.

These dismissed alternatives will not be discussed any further in this EA.

4.0 Affected Environment And Potential Impacts

4.1 Physical Resources

4.1.1 Geology, Soils, And Seismicity

Under the No Action alternative, there would be no short or long-term impacts to soils, geologic resources, or seismic features.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

The dominant soil type in the area of the Proposed Action consists of “Purves-Maloterre,” characterized at the soil surface as gravelly clay. In the area of the Proposed Action, the native soil profile consists of gravelly clay from zero to 16 inches and consists of bedrock from 16 to 20 inches. The parent material for the soil group is listed as clayey Residuum weathered limestone.

The Farmland Protection Policy Act (FPPA) (p.l. 97-98, Sec. 1539-1549; 7 U.S.C. 4201, et seq.) is intended to minimize the impact federal programs have on unnecessary and irreversible conversion of farmland to nonagricultural uses. FPPA assures that federal programs are administered to be compatible with various programs to protect farmland. For the purpose of FPPA, farmland definition includes prime farmland, unique farmland, and land of statewide or local importance; it is important to note that these definitions include land such as forestland, pastureland, or other land that is not in current production. The proposed project site is not considered prime farmland by the United States Department of Agriculture, National Resources Conservation Service.

The elevation of the Proposed Action site is approximately 670 feet above mean seal level. The topography of the Proposed Action area is characterized as natural slopes ranging from approximately one to eight percent. There are no published indications of faults in the vicinity of the site. Archer identified no groundwater during site investigations. The vegetation at the Proposed Action site consists of prairie grasses.

Ground disturbance would be confined to the boring of the tower footings, electrical lines, equipment shelter foundation, and fencing. The proposed tower footings will be of concrete, and will be approximately three to four feet in diameter, and thirty to forty feet in depth. Any hazardous materials encountered or generated on site will be disposed of off-site according to current federal and state regulations. Therefore, the Proposed Action will not impact geologic resources and will not have significant impacts to soils.

A copy of the Soil Survey is included in Exhibit 3; a topographic map is included in Exhibit 4.

4.1.2 Air Quality

Under the No Action alternative, there would be no short or long-term impacts to air quality.

Air quality is regulated by the Clean Air Act (CAA) of 1970 (42 U.S.C. § 7401 *et seq.*) Air quality is further regulated through primary and secondary National Ambient Air Quality Standards (NAAQS) under the CAA. Air quality control regions (AQCR) are classified by the US Environmental Protection Agency (EPA) based on whether the region meets or exceeds federal primary or secondary NAAQS. There are seven criteria air pollutants classified by the EPA: carbon monoxide, lead, nitrogen dioxide, coarse particulates, fine particulates, ozone, and sulfur dioxide. An AQCR, or portion thereof, may be classified as being in attainment, non-attainment, or it can be unclassified for any one of the criteria pollutants.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. The Proposed Action site is located in Bosque County. Bosque County is not listed as a non-attainment area county.

The use of heavy equipment and construction activities at the Proposed Action area may result in short term and de minimis impacts on air quality at or near the Proposed Action area. De minimis condition generally does not present a threat to human health or the environment and generally would not be subject to a regulatory enforcement action. Construction-related air quality impacts may include dust from excavation activities and emissions from construction equipment and vehicles. The impacts will be limited to construction operation hours for the construction period and will not likely increase air pollutants. No fixed-source air emissions will be generated except in instances where there is a localized power outage, in which case a liquefied petroleum gas-powered emergency electrical generator will be temporarily activated. Based on the limited area of disturbance for the Proposed Action, the limited construction timeline, and the occasional, temporary use of an emergency electrical generator, the Proposed Action will have no significant impact to air quality resulting from construction activities or the occasional, temporary activation of an emergency electrical power generator.

Once operational, the Proposed Action facility will be powered by electricity. The routine daily operation of the Proposed Action will not result in any emissions or dust generation. No fixed-source air emissions will be generated except in instances where there is a localized power outage, in which case a liquefied petroleum gas-powered emergency electrical generator will be temporarily activated. Based on the limited potential for emissions and the lack of dust generation involved in the daily operations of the Proposed Action, there will be no impacts to air quality resulting from the long term operation of the Proposed Action.

4.1.3 Climate Change

Under the No Action alternative, there would be no short or long-term impacts to climate change.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

The Proposed Action will not involve the clearing of woodland. Construction activities at the Proposed Action area may result in a temporary increase in vehicle traffic only during the

Proposed Action construction. The increase in vehicle traffic may temporarily increase vehicle emissions in the Proposed Action area. Once operational, the Proposed Action area will be powered by electricity. No air emissions will be generated except in instances where there is a localized power outage, in which case a liquefied petroleum gas-powered emergency electrical generator will be temporarily activated. Based on the limited size of the Proposed Action area, the temporary nature of the construction activities, and the limited potential for emissions at the Proposed Action area, the Proposed Action would have no significant impact to climate change.

4.2 Water Resources

4.2.1 Water Quality

Under the No Action alternative, there would be no short or long-term impacts to water resources.

The Clean Water Act (CWA) established the National Pollutant Discharge Elimination System (NPDES) in order to regulate wastewater discharges from point sources into water resources. Construction sites resulting in greater than one acre of disturbance are required under the NPDES to obtain EPA and/or state permits. The Texas Commission on Environmental Quality is the state agency that has assumed NPDES permitting for the State of Texas. Activities at the Proposed Action area will be below the one acre land disturbance limitation for NPDES permitting.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. The area of soil disturbance will be limited to the project area and require the use of temporary fencing to control erosion during construction. No bodies of water are located on the Proposed Action area. Any hazardous substances encountered or used during construction activities for the Proposed Action will be disposed of off-site at an appropriate facility. Based on the lack of water bodies and the proposed proper disposal of hazardous materials off-site with regard to the Proposed Action area, the Proposed Action would have no significant impacts on water quality.

4.2.2 Wetlands

Under the No Action alternative, there would be no short or long-term impacts to wetlands.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

Executive Order 11990 of the CWA (40CFR 230.3) defines wetlands as “those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated conditions. Wetlands generally include swamps, marshes, bogs and similar areas.”

Aarcher reviewed National Wetlands Inventory wetlands maps from the United States Fish and Wildlife Services (USFWS) website: <http://www.fws.gov/wetlands/redirect.html>, to determine if the subject property is located within a wetland. In addition, Aarcher reviewed soil data from the U.S. Department of Agriculture website: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> . The soil type for the Proposed Action area does not meet the characteristics of a hydric soil, a necessary component of a wetland. Based on the map review and soil data, the Proposed Action will have no impacts on wetlands.

A copy of the USFWS wetlands map is included in Exhibit 5.

4.2.3 Floodplains

Under the No Action alternative, there would be no short or long-term impacts to floodplain areas.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

Executive Order 11988, Floodplain Management, requires federal agencies to take action to minimize occupancy and modification of the floodplain. Specifically, Executive Order 11988 prohibits federal agencies from funding construction in the 100-year floodplain (500-year floodplain for critical facilities) unless there are no practicable alternatives. The National Flood Insurance Program (NFIP) floodplain maps are used to identify the regulatory 100-year Floodplain.

The subject property locale is located on floodplain map panel #48035C0375C dated January 6, 2011. According to this panel, the Proposed Action area is not located within the 100-year floodplain. Based on the map information, the Proposed Action would not impact or be impacted by the 100-year floodplain.

A copy of the FEMA floodplain map is included in Exhibit 6.

4.3 Coastal Resources

Under the No Action alternative, there would be no short or long-term impacts to coastal resources.

The Coastal Zone Management Act was established in 1972 to preserve, protect, and (where possible) restore or enhance the resources of the coastal zones of the United States.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. The Proposed Action is not located within a coastal resource area, nor would it have an impact on a coastal resource area. The Proposed Action does not require a coastal use permit.

4.4 Biological Resources

4.4.1 Threatened And Endangered Species And Critical Habitats

Under the No Action alternative, there would be no short or long-term impacts to threatened or endangered species or critical habitats.

Federal agencies are directed under Section 7 of the Endangered Species Act of 1973 (16 U.S.C. 1536a2) to utilize their authorities to enforce and carry out programs for the conservation of listed threatened and endangered species or designated critical habitats. Section 7 of the Act also sets out the consultation process, which is further implemented by regulation (50 CFR 402).

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. U.S. Fish and Wildlife Service Threatened and Endangered Species lists for the Proposed Action county were reviewed at the USFWS website: <http://www.fws.gov/angered>. The Proposed Action area setting was compared to the profile of characteristic habitat for threatened and endangered species known to exist within the Proposed Action county. U.S. Fish and Wildlife Service information was reviewed to determine if the Proposed Action might affect designated critical habitats. State fish and wildlife agencies defer to the U.S. Fish and Wildlife Service for evaluations of the presence of federally-listed threatened and endangered species resources.

The following threatened or endangered species may be found in Bosque County:

- Whooping Crane: habitat includes requirements for wetland areas for nesting and feeding. The Proposed Action area is not located in a wetland area.
- Bald Eagle: although the Bald Eagle appears on the threatened and endangered species list, it has been delisted due to recovery.
- Black-capped Vireo: habitat includes areas of dense low thickets and oak scrub, mostly on rocky hillsides or steep ravine slopes in rugged terrain, the Proposed Action area is grassy ranchland, there are no rocky hillsides or rough terrain. The Proposed Action will have no impact on the habitat of this endangered species.
- Golden-cheeked Warbler: habitat includes old-growth and mature Ashe juniper-oak woodlands in limestone hills and canyons, the Proposed Action area is grassy ranchland. There are no old-growth forests on limestone hills or canyons. The Proposed Action will have no impact on the habitat of this endangered species.

Based on the comparison of the Proposed Action area setting and the characteristic habitat of the above listed threatened or endangered species, FEMA has determined that the Proposed Action would have no impact on threatened or endangered species or critical habitats.

A list of threatened and endangered species or critical habitats found in the Proposed Action area county is included in Exhibit 7.

4.4.2 Wildlife and Fish

Under the No Action alternative, there would be no short or long-term impacts to wilderness areas or wildlife preserves.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

National Atlas on-line cartographic resources were reviewed at <http://nationalatlas.gov/mapmaker> to determine if the Proposed Action area is located in an officially designated wilderness area or wildlife preserve. The National Atlas comprises lands designated as wilderness areas and wildlife preserves by the [Bureau of Land Management](#), the [U.S. Fish and Wildlife Service](#), the [U.S. Department of Agriculture Forest Service](#), or the [National Park Service](#). Based on review of these resources, the Proposed Action will have no impact on wilderness areas or wildlife preserves.

Aarcher contacted the USFWS Arlington Field Office, inviting comment on the project. The USFWS response contained no information of substance with regard to the Proposed Action.

Copies of the National Atlas map search and Record of Contact from the USFWS Arlington Field Office is included in Exhibit 8.

4.4.3 Migratory Birds

Under the Migratory Bird Treaty Act, taking, killing or possessing migratory birds is unlawful. Migratory birds are a federal trust resource that the USFWS is authorized to protect, and has put forth recommendations for communication tower design and height to mitigate collision-related mortality. Mitigation measures outlined in the USFWS Interim Guidelines For Recommendations On Communications Tower Siting, Construction, Operation and Decommissioning issued by the USFWS will be implemented as practical for this Proposed Action.

Construction of the Proposed Action has been determined to be the best option because co-locating the communications equipment on an existing tower or other structure is not an available option. The Proposed Action will be a self-support tower and will not require guy wires.

According to resource reviews, this Proposed Action location will not be sited in or near wetlands, other known bird concentration areas, in known migratory or daily movement flyways, or in habitat of threatened or endangered species.

Based on the existing environmental conditions and the proposed tower design, the Proposed Action would have no impact migratory birds.

4.5 Cultural Resources

4.5.1 Historic Properties

Under the No Action alternative, there would be no short or long-term impacts to historic properties.

Federal agencies are required by Section 106 of the National Historic Preservation Act of 1966 (NHPA, 16 U.S.C. §§ 470 et seq.) and “Protection of Historic Properties” (36 CFR Part 800) to evaluate for potential effects of Proposed Actions on Historic properties.

The FCC adopted the Nationwide Programmatic Agreement through order FCC 04-222 regarding the Section 106 National Historic Preservation Act Review Process. The order was signed on October 5, 2004 by the Advisory Council on Historic Preservation (ACHP) and the National Conference of State Historic Preservation Officers and amended Section 1.1307(a) (4) of the Commission's rules, 47 C.F.R. §1.1307(a) (4).

In order for a new antenna support structure to be constructed, the FCC Form 620 New Tower Submission Packet must to be completed by or on behalf of Applicants. Before any construction or other installation activities at the Proposed Action area begin, the Packet (including Form 620 and attachments) is to be submitted to the State Historic Preservation Office (“SHPO”) or to the Tribal Historic Preservation Office (“THPO”), as appropriate. If the Applicant fails to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to start of construction this may result in violation of NHPA and the Commission’s rules. This process is not a substitute for the “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission,” dated September 2004, and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the ACHP (36 C.F.R. Part 800).

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. Archer consulted the National Park Service NRIS data system, which inventories National Register of Historic Places-listed sites; reviewed the Texas Historical Commission on-line listings for Texas historic sites, performed a reconnaissance of the Area of Potential Effect, and submitted to the Texas Historical Commission (SHPO) FCC Form 620 to support an NHPA Section 106 Review. Based on this research and the determination by the SHPO that the Proposed Action will have no effect on historic resources, the Proposed Action would have no impact on districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, which are listed or are eligible for listing, in the National Register of Historic Places.

In the event that archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted and the applicant shall stop all work immediately in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the

sensitive area restricted. The applicant will inform FEMA immediately, FEMA will consult with the SHPO or THPO, and Tribes and work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project is in compliance with the National Historic Preservation Act.

A copy of the SHPO response letter is included in Exhibit 9.

4.5.2 American Indian/Religious Sites

Under the No Action alternative, there would be no short or long-term impacts to American Indian Tribes or Religious Sites.

Consultation with Native American tribal groups and native Hawaiian organizations (NHO) regarding proposed projects and potential impacts to Native American religious sites is required under Section 106 of the NHPA and its implementing regulations, "Protection of Historic Properties" (36 CFR Part 800) and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (adopted March 16, 2001), as well as the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission effective March 7, 2005. On October 6, 2005 the FCC released a Declaratory Ruling (FCC 05-176) which clarified portions of the Nationwide Programmatic Agreement (NPA), addressing situations where a federally recognized Indian Tribe (Indian Tribe) or Native Hawaiian Organization (NHO) has not responded to a TCNS notification, or to the applicant's and Commission's efforts to determine whether the Indian Tribe or NHO has an interest in participation in the review of the proposed project.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. Archer submitted inquiries to Indian Tribal authorities in the form of TCNS Submittal Number 77153. In addition, Archer sent follow-up letters to, telephoned, and/or e-mailed those tribes which had set their geographic preferences to determine if the proposed action would have an effect on Indian religious sites. Based on e-mail responses, letter responses, review of lists provided by tribes which detail the counties that they have an interest in and telephone interviews with tribal authorities, the Proposed Action would have no impact on Indian religious sites.

In the event that archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted and the applicant shall stop all work immediately in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform FEMA immediately, FEMA will consult with the SHPO or THPO, and Tribes and work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project is in compliance with the National Historic Preservation Act.

Copies of the TCNS filing and tribal correspondence are included in Exhibit 10.

4.6 Socioeconomic Resources

4.6.1 Environmental Justice

Under the No Action Alternative, there would be no short or long-term impacts to environmental justice.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

Under Executive Order 12898, Federal agencies are required to consider environmental and human health conditions in low-income and minority level communities. The purpose of EO 12898 is to enact Environmental Justice to prevent and correct the disproportionate and adverse effect of a federal action on low-income or minority level populations.

The following demographics information was obtained from the U.S. Census Bureau website <http://quickfacts.census.gov/qfd/index.html>. Unemployment statistics were obtained from the United States Department of Labor Bureau of Labor Statistics website <http://www.bls.gov/lau/>.

TABLE 1 - Family Income and Poverty Rates

Location:	Bosque County	Texas
2010 Population	18,212	25,145,561
Percent White	89.9%	70.4%
Percent African American	1.6%	11.8%
Percent Hispanic or Latino	16.1%	37.6%
Percent all other race and 2 or more races	2.5%	7.3%
Percent less than 18 years old	22.9%	27.3%
Percent 65 years old and over	21.1%	10.3%
2009 Per Capita Income	\$20,106	\$24,318
2009 Poverty Rate (Percent below poverty level income)	14.5%	17.1%
2011 Unemployment Rate (Percent of civilian labor force)	9.2%	8.5%

The Proposed Action would have no impact on environmental justice in the Proposed Action area. The Proposed Action area is not located within a low income or minority community. The Proposed Action would improve communication between emergency and first responders in the event of an emergency, therefore; all residents would benefit from the Proposed Action.

4.6.2 Hazardous Materials

Under the No Action alternative, there would be no short or long-term impact to the Proposed Action area with regard to hazardous materials.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas.

Use of hazardous materials at the Proposed Action area will be limited to the following actions:

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- Fuel for heavy equipment and vehicles used during the construction process. Minimal wastes may be generated at the Proposed Action area during tower maintenance and construction. Any wastes generated will be properly disposed of off-site according to federal and state regulations. Based on the limited timeline for construction activities at the Proposed Action area and the limited potential for hazardous material releases and waste generation during construction and maintenance activities, the Proposed Action will have no significant impact with regard to hazardous materials.
 - Liquefied petroleum gas will be stored in an approximate 250-gallon capacity aboveground storage tank on the Proposed Action area. The liquefied petroleum gas will be used to temporarily fuel an emergency electrical generator incidental to any local power outages. The containment of the liquefied petroleum gas within a storage tank will have no significant impact with regard to hazardous materials.
 - Lead/acid batteries will be contained within the equipment shelter to provide emergency power incidental to any local power outages. The storage of lead/acid batteries within the equipment shelter will have no significant impact with regard to hazardous materials.

4.6.3 Noise

Under the No Action alternative, there would be no impact to the Proposed Action area with regard to any increase in noise.

Noise is generally referred to as unwanted sound which interferes with work, rest, communication, recreations, or sleep. During construction activities at the Proposed Action area, short-term noise increase from heavy equipment and vehicles involved in construction activities is to be expected. The Proposed Action area is located on an area of ranchland in Bosque County, Texas. Once construction is completed, long-term noise is expected to be minimal and result primarily from site maintenance and the periodic operation of an emergency electrical power generator on site. Based on the limited timeline of construction activities and the limited noise production after construction is completed, the Proposed Action would have no significant impact with regard to any increase in noise at the Proposed Action area.

4.6.4 Traffic

Under the No Action alternative, there would be no impact to the Proposed Action area with regard to any increase in traffic.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. During construction activities at the Proposed Action area, short-term traffic increase from heavy equipment and vehicles involved in construction activities is to be expected. Once construction is completed, long-term traffic is expected to be minimal and result primarily from site maintenance. Based on the limited timeline of construction activities and the minimal traffic expected after construction is completed, the Proposed Action would have no significant impact with regard to any increase in traffic at the Proposed Action area.

4.6.5 Public Services And Utilities

Under the No Action alternative, there would be no impact to public services and utilities.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. During construction activities at the Proposed Action area, short-term interruption of public and utility service has the potential to occur. In the long-term, the communications infrastructure and communication utilities will be improved with the completion of the Proposed Action. Construction related interruptions do not have the potential to cause long-term interruptions in public services and utilities.

During construction-related activities, precautions would be taken to avoid damage to existing utility lines. All potential modifications to utility services would be evaluated. Coordination with potentially affected local and regional utility service providers would occur to avoid unnecessary damage or interruption of service. Based on the limited potential of short-term utility and public service interruptions, the Proposed Action will not have a significant impact on public services or utilities.

4.6.6 Public Health And Safety

Under the No Action alternative, no telecommunication tower would be constructed, thereby limiting communications between first responders and hindering aid to those affected by an emergency event. Under the No Action alternative there would be an impact on public health and safety.

The Proposed Action area is located on an area of ranchland in Bosque County, Texas. During construction activities at the Proposed Action area, potential health and safety concerns include the potential for workplace accidents. All OSHA regulation will be strictly adhered to during construction activities. Proper fencing and signage will be used in an effort to prevent accident or injury to the public or workers on site. Based on the use of preventive measures during construction at the Proposed Action area, the Proposed Action would have no significant impact on public health and safety. After construction has been completed, the Proposed Action would improve communication between emergency and first responders in the event of an emergency. Based on the potential for the Proposed Action to improve emergency communications, the Proposed Action would have a beneficial impact on public health and safety.

4.7 Summary Table

Table 2 – Summary of Impacts

Affected Environment/Resource Area	Impacts	Agency Coordination/Permits	Mitigation/Best Management Practices
Geology, Soils, Seismicity	No Significant Impact	N/A	Soil disturbance will be limited to the project area and require the use of temporary fencing to control erosion during construction.
Air Quality	No Significant Impact	N/A	None
Climate Change	No Significant Impact	N/A	None
Water Quality	No Significant Impact	N/A	Soil disturbance will be limited to the project area and require the use of temporary fencing to control erosion during construction.
Wetlands	No Impact	N/A	None
Floodplains	No Impact	N/A	None
Coastal Resources	No Impact	N/A	None
Threatened and Endangered Species/Critical Habitats	No Significant Impact	U.S. Fish and Wildlife	Adoption of U.S. Fish and Wildlife Service mitigation measures as listed in <i>Recommendations Tower Siting, Construction, Operation, and Decommissioning</i> .
Wildlife and Fish	No Impact	N/A	None
Migratory Birds	No Impact	N/A	None
Historic Properties	No Impact	Texas State Historic Preservation Office	None
American Indian/Religious Sites	No Impact	Native American Tribal Consultations	None
Environmental Justice	No Impact	N/A	None
Hazardous Materials	No Significant Impact	N/A	Use appropriate protocol for fueling equipment and vehicles, the storage of liquefied petroleum, and lead/acid batteries.
Noise	No Significant Impact	N/A	Noise levels dBA at 50 feet from the source would be no greater than 85 dBA for no more than four to six continuous hours per day over a 10 to 35 day period

Affected Environment/Resource Area	Impacts	Agency Coordination/Permits	Mitigation/Best Management Practices
			(USEPA 1974). To reduce noise levels during construction, construction activities would occur during normal working hours (i.e., 7:00 a.m. to 5:00 p.m.). Construction-related noise impacts from the Clifton Tower project would not be significant.
Traffic	No Significant Impact	N/A	Potential impacts to transportation and traffic are expected to be low, provided appropriate planning and implementation actions are taken. There would be no significant impact to transportation networks or traffic from construction-related activities.
Public Service and Utilities	No Significant Impact	N/A	Coordination with potentially affected local and regional utility service providers would occur to avoid unnecessary damage or interruption of service.
Public Health and Safety	No Significant Impact	N/A	OSHA regulation followed at Proposed Action site, fencing and signage.

5.0 Cumulative Impacts

Under the No Action alternative, there would be no cumulative impacts at the Proposed Action area.

Cumulative impacts are the impact on the environment which results from the incremental impact of an action when added to other past, present, and reasonably foreseeable future actions.

There would be no cumulative impacts to geology, soil, seismicity, water resources, wetlands, floodplains, coastal resources, wildlife and fish, threatened or endangered species, historic properties, American Indian or religious sites, air quality, noise, infrastructure, utilities, traffic, waste management or socioeconomic resources. Long-term benefits of the Proposed Action include improving communication between emergency and first responders in the event of an emergency, natural disaster or terrorist action.

6.0 Agency Coordination, Public Involvement And Permits

The following agencies were contacted and invited to comment regarding the Proposed Action:

- The Comanche Nation, Lawton, OK
- The Wichita and Affiliated Tribes, Anadarko, OK
- The Tonkawa Tribe, Tonkawa, OK
- The Mescalero Apache Tribe, Mescalero, NM
- The Department of Arkansas Heritage
- The Oklahoma Historical Society
- The Texas Historical Commission
- The U.S. Fish and Wildlife Service
- The Texas State Historic Preservation Office
- Bosque County Judge, the Honorable Cole Word

Public involvement concerning historic properties occurred in the form of a Public Notice posted in the Clifton Record on June 15, 2011. The Public Notice asked residents to notify Archer of any impact the Proposed Action may have on historic properties. Archer received no response to the Public Notice.

The availability of this EA will be advertised by public notice in the local weekly newspaper. Copies of the EA will be available locally. The public comment period will extend for a period of fifteen (15) days. The EA can also be viewed and downloaded from the FEMA's website at <http://www.fema.gov/plan/ehp/envdocuments/ea-region6.shtm>. If no substantive comments are received, the EA will become final and the initial public notice will also serve as the final public notice. The EA will then be archived on FEMA's website at <http://www.fema.gov/library/>.

No Bosque County or municipal permits are required for the Proposed Action.

A copy of the FAA *Determination of No Hazard to Air Navigation* is included in exhibit 11.

7.0 References

1. United States Department of Agriculture, National Resources Conservation Service
Web Soil Survey: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
2. U.S. Fish and Wildlife Service
National Wetlands Inventory: <http://www.fws.gov/wetlands/redirect.html>
Endangered Species Program: <http://www.fws.gov/endangered/>
3. FEMA
Floodplain Map Service Center:
<http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>

-
4. National Atlas of the United States
Mapmaker: <http://nationalatlas.gov/mapmaker>
 5. U.S. Department of the Interior, National Parks Service
National Register of Historic Places:
<http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>
 6. Texas Historical Commission
Historic Sites Atlas: <http://atlas.thc.state.tx.us/>
 7. U.S. Census Bureau
Quick Facts: <http://quickfacts.census.gov/qfd/index.html>
 8. Federal Communications Commission, Universal Licensing System:
Tower Construction Notification System: <http://wireless.fcc.gov/uls/index.htm?job=home>
 9. United States Department of Labor
Bureau of Labor Statistics: <http://www.bls.gov/lau/>

8.0 List Of Preparers

- This Environmental Assessment was prepared by Archer, Inc. at 200 Rufe Snow N. Suite 103, Keller, Texas, 76248 for the Heart of Texas Council of Governments. The following key personnel were involved in the preparation of this assessment:
 - **Bruce Hanford** is the Regional Manager of Archer's Southwest Regional Office, where he is responsible for client satisfaction and oversight of all company projects. He currently serves as Program Manager for Phase One Environmental Site Assessments and NEPA Evaluations in the Southwest Region, and provides oversight for all Archer Phase I Environmental Site Assessments performed throughout the U.S. With over 16 years of Environmental Consulting experience, Mr. Hanford has managed and/or performed over 3000 Phase I Environmental Site Assessments in nine states. In addition, Mr. Hanford serves as an internal consultant assessing for liability under CERCLA regulations. Mr. Hanford has performed Federal and state environmental regulation compliance audits at U.S. Army and National Guard facilities throughout the continental United States, and previously served as Project Manager and consultant for CERCLA potentially responsible party searches on behalf of the EPA and the Texas Commission on Environmental Quality. Mr. Hanford is a National Park Service Qualified Architectural Historian and exceeds the EPA's qualifications for an Environmental Professional [40 CFR Part 312].
 - **Erin Heinemann** is a Project Manager/Quality Control Manager for Archer's Southwest Regional Office. Ms. Heinemann performs and manages Phase I Environmental Site Assessments, NEPA Screening Assessments, and visual site inspections. Ms. Heinemann has managed over 200 such assessments across Texas, Oklahoma, Louisiana, and Arkansas. She evaluates for effects to threatened and endangered species and their

habitats and evaluates for effects to cultural resources. She has prepared FCC Form 620 and Form 621 submittals for the State Historic Preservation Offices and prepared NEPA Environmental Assessment Reports. In addition, she serves as liaison with State Historic Preservation Officers and tribal authorities in ten states, establishing with those parties protocols for evaluating the possible effects of proposed telecommunication tower projects. Ms. Heinemann holds a Bachelor of Science degree in Environmental Conservation. Ms. Heinemann worked for four years in various environmental laboratories in accordance with NELAC regulations. While at the laboratories, she performed various analyses of Metals and General Chemistry samples and co-wrote and updated Standard Operating Procedure documents.

- **Brandi McTee** is a Project Leader for Archer's Southwest Regional Office. Ms. McTee performs Phase I Environmental Site Assessments and NEPA Environmental Screening Reports. She has performed over 150 such assessments in three states. Her duties include evaluating the complexity of project assignments and determining the required cartography and level of historical research. She issues Freedom of Information Act and Texas Open Records Act requests and evaluates federal and state technical environmental reports. Ms. McTee manages vendors and contractors who support Archer projects. Ms. McTee holds a Bachelor of Science degree in Environmental Science.

Government Contributors

- **Kevin Jaynes**, CHMM, Regional Environmental Officer, FEMA Region 6
- **Alan Hermely**, Environmental Specialist, FEMA Region 6

Exhibit 1



View to the west of the proposed tower site and beyond.



View to the east of the proposed tower site and beyond.



View to the south of the proposed tower site and beyond.



View to the north of the proposed tower site and beyond.

Exhibit 2

Vicinity Map

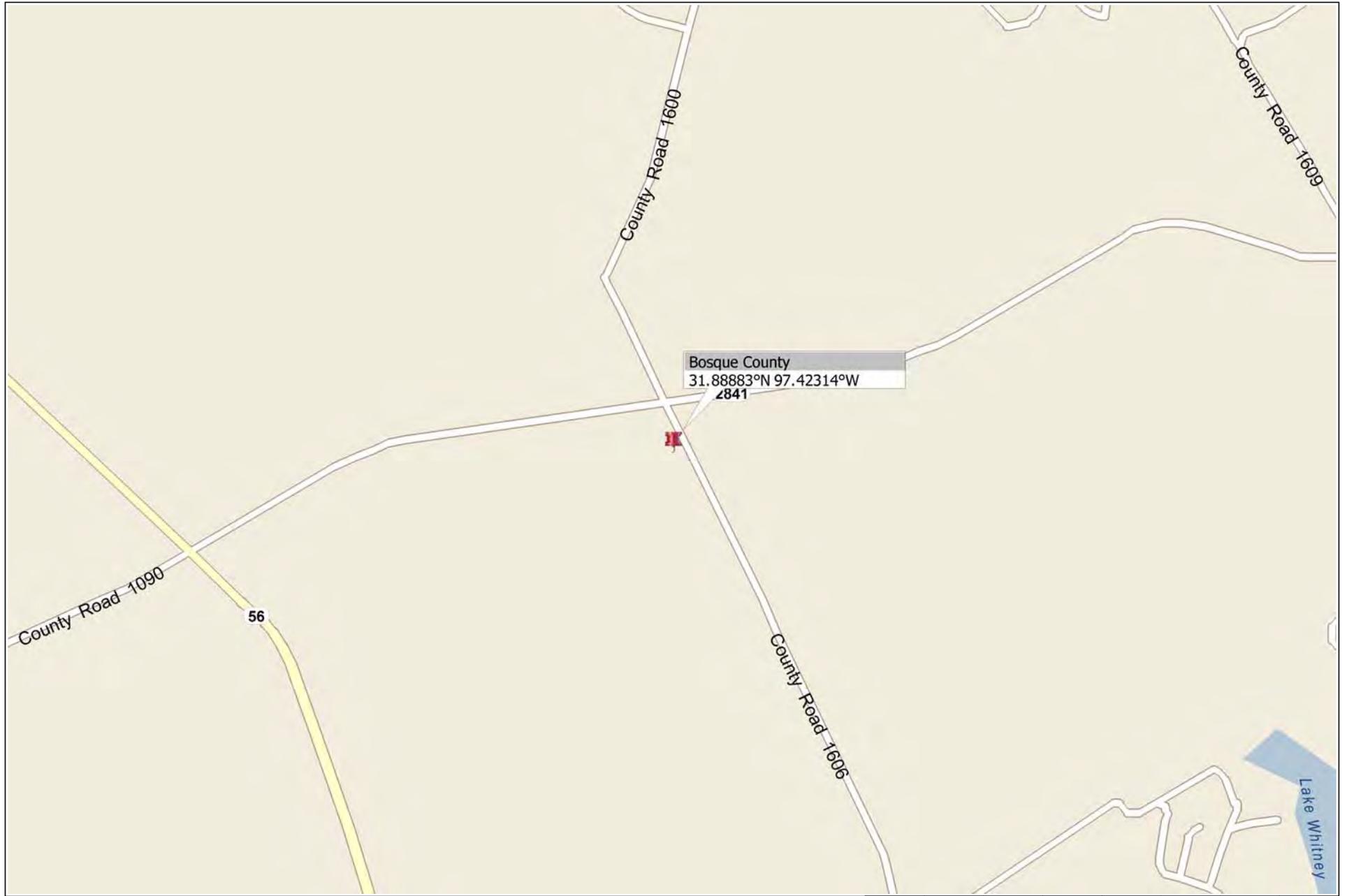
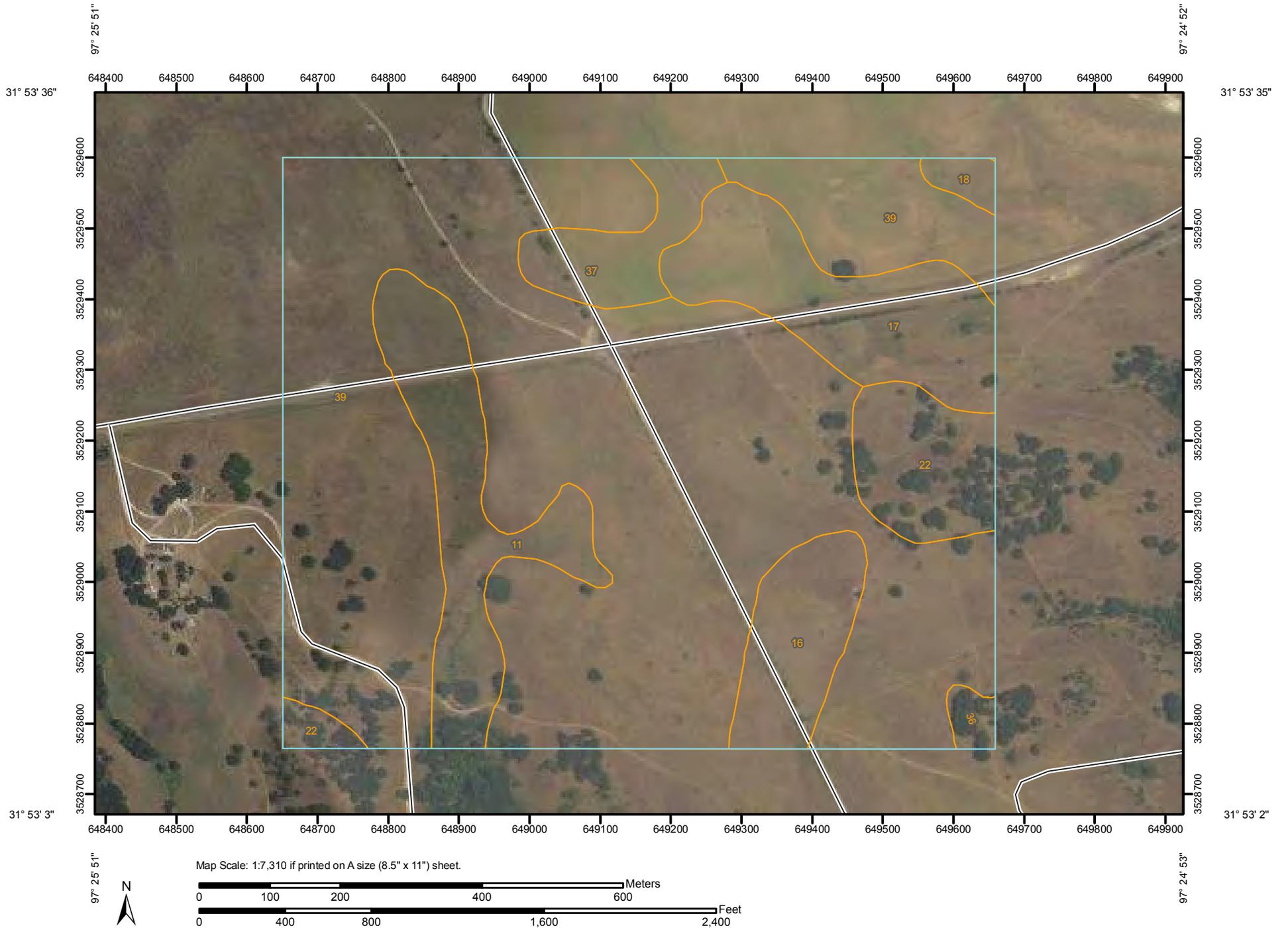


Exhibit 3

Soil Map—Bosque County, Texas



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

-  Very Stony Spot
-  Wet Spot
-  Other

Special Line Features

-  Gully
-  Short Steep Slope
-  Other

Political Features

-  Cities

Water Features

-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:7,310 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 14N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Bosque County, Texas
 Survey Area Data: Version 8, Jan 28, 2010

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Bosque County, Texas (TX035)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
11	Cranfill gravelly clay loam, 3 to 5 percent slopes	17.6	8.5%
16	Crawford clay, 1 to 3 percent slopes	9.7	4.6%
17	Denton silty clay, 1 to 3 percent slopes	18.0	8.6%
18	Denton silty clay, 3 to 5 percent slopes	1.4	0.7%
22	Eckrant association, gently undulating	10.8	5.2%
36	Purves clay, 1 to 3 percent slopes	1.3	0.6%
37	Purves clay, 3 to 5 percent slopes	7.2	3.5%
39	Purves-Malotierre association, undulating	142.3	68.3%
Totals for Area of Interest		208.3	100.0%

Bosque County, Texas

39—Purves-Maloterre association, undulating

Map Unit Setting

Elevation: 400 to 1,800 feet

Mean annual precipitation: 27 to 37 inches

Mean annual air temperature: 63 to 68 degrees F

Frost-free period: 210 to 240 days

Map Unit Composition

Purves and similar soils: 50 percent

Maloterre and similar soils: 40 percent

Minor components: 10 percent

Description of Purves

Setting

Landform: Ridges

Landform position (two-dimensional): Summit, shoulder

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Clayey residuum weathered from limestone

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: 8 to 20 inches to lithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 45 percent

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Available water capacity: Very low (about 2.1 inches)

Interpretive groups

Land capability (nonirrigated): 4e

Ecological site: Shallow 30-38" PZ (R085XY185TX)

Typical profile

0 to 11 inches: Gravelly clay

11 to 16 inches: Gravelly clay

16 to 20 inches: Bedrock

Description of Maloterre

Setting

Landform: Ridges

Landform position (two-dimensional): Summit, shoulder

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Loamy residuum weathered from limestone

Properties and qualities

Slope: 1 to 8 percent

Depth to restrictive feature: 3 to 10 inches to lithic bedrock

Drainage class: Somewhat excessively drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 80 percent

Available water capacity: Very low (about 0.8 inches)

Interpretive groups

Land capability (nonirrigated): 7s

Ecological site: Very Shallow 30-38" PZ (R085XY189TX)

Typical profile

0 to 5 inches: Gravelly clay loam

5 to 7 inches: Bedrock

Minor Components

Unnamed, minor components

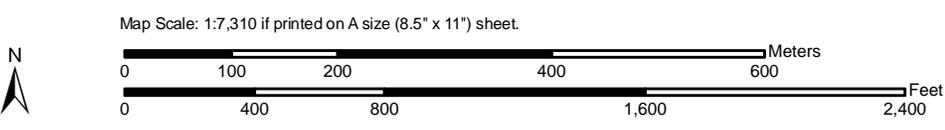
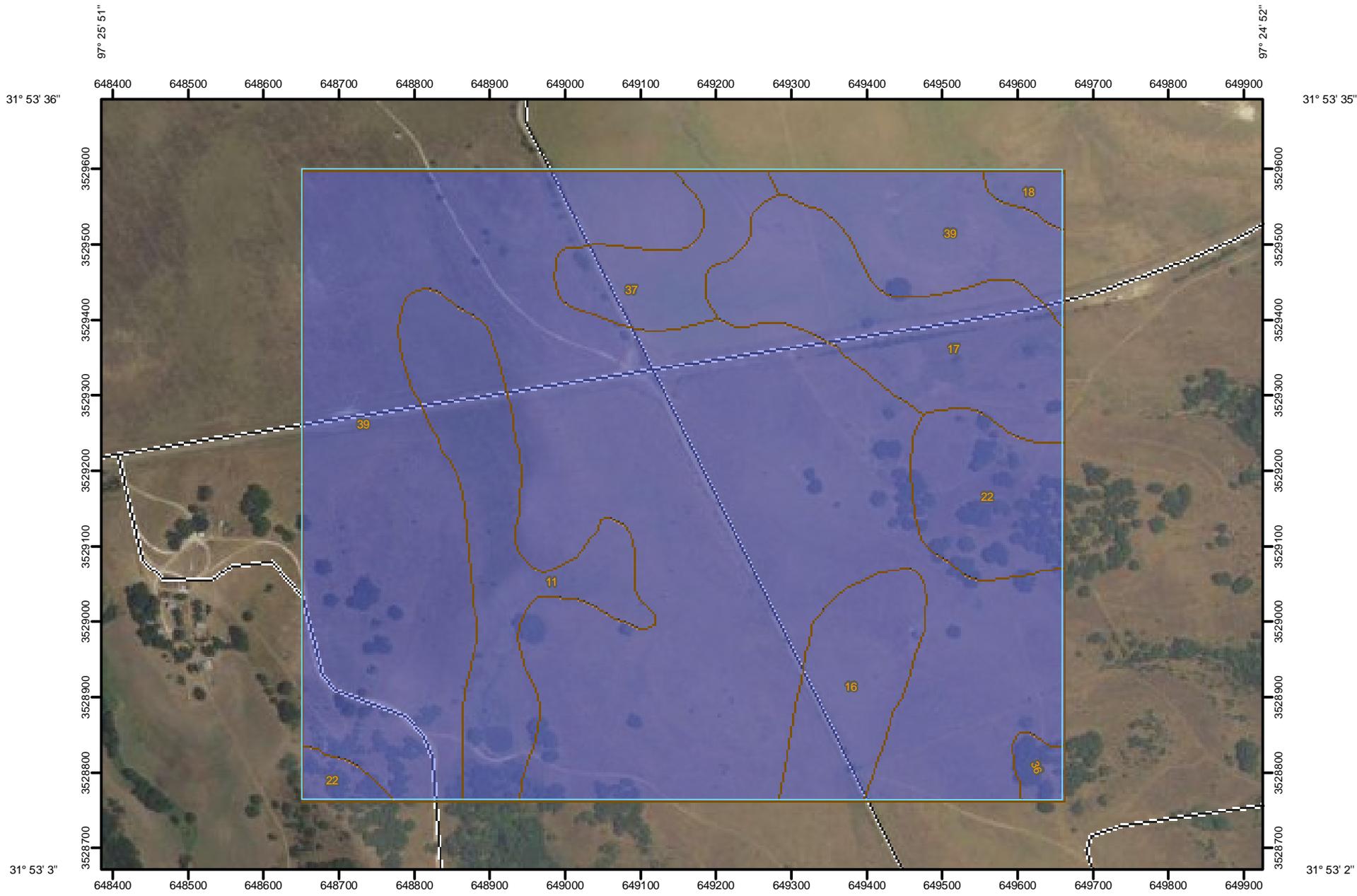
Percent of map unit: 10 percent

Data Source Information

Soil Survey Area: Bosque County, Texas

Survey Area Data: Version 8, Jan 28, 2010

Hydric Rating by Map Unit—Bosque County, Texas



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

Soil Ratings

 All Hydric

 Partially Hydric

 Not Hydric

 Unknown Hydric

 Not rated or not available

Political Features

 Cities

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

MAP INFORMATION

Map Scale: 1:7,310 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 14N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Bosque County, Texas
Survey Area Data: Version 8, Jan 28, 2010

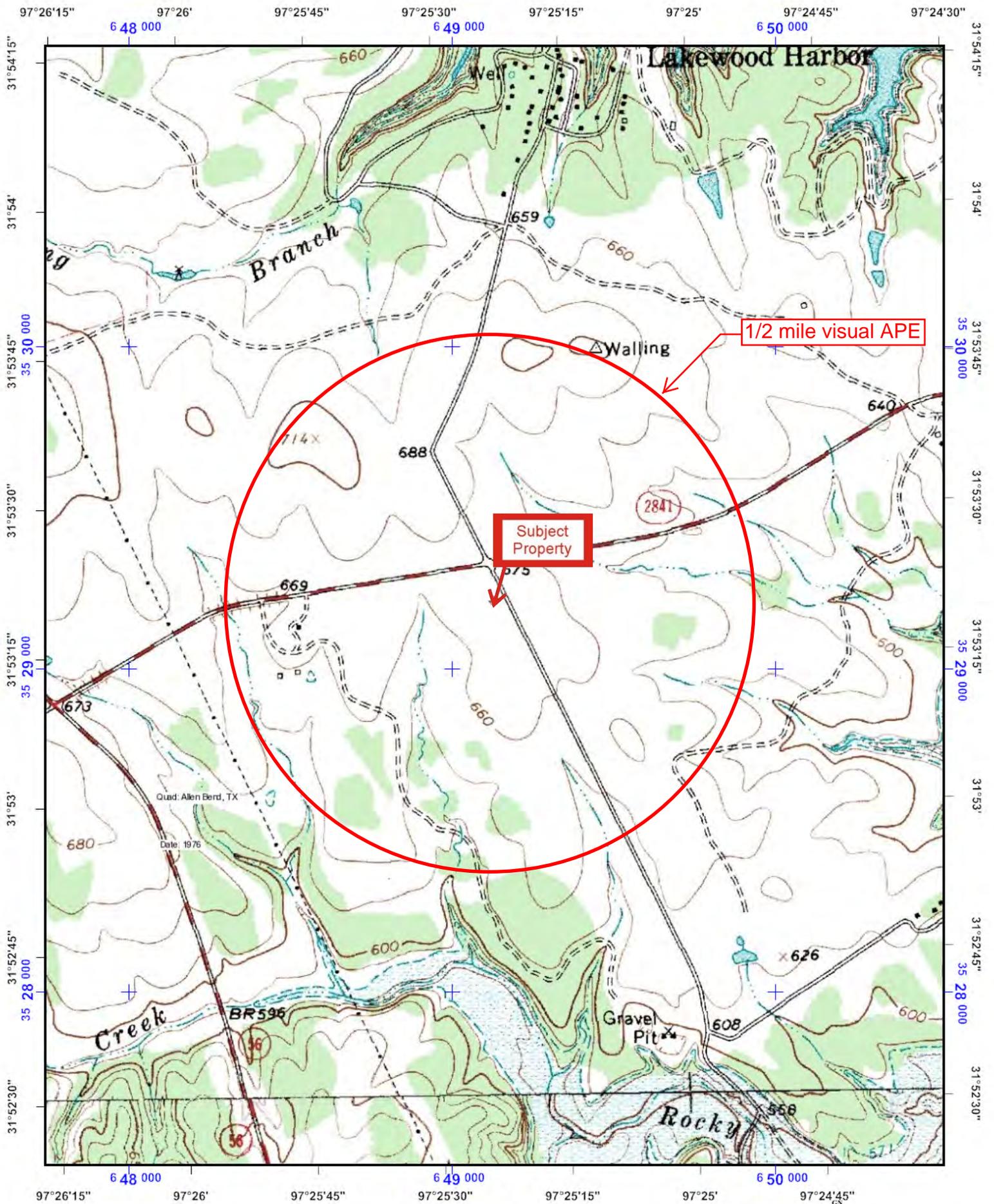
Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

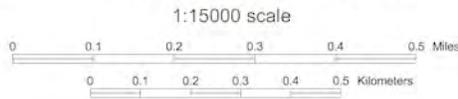
Hydric Rating by Map Unit

Hydric Rating by Map Unit— Summary by Map Unit — Bosque County, Texas (TX035)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
11	Cranfill gravelly clay loam, 3 to 5 percent slopes	Not Hydric	17.6	8.5%
16	Crawford clay, 1 to 3 percent slopes	Not Hydric	9.7	4.6%
17	Denton silty clay, 1 to 3 percent slopes	Not Hydric	18.0	8.6%
18	Denton silty clay, 3 to 5 percent slopes	Not Hydric	1.4	0.7%
22	Eckrant association, gently undulating	Not Hydric	10.8	5.2%
36	Purves clay, 1 to 3 percent slopes	Not Hydric	1.3	0.6%
37	Purves clay, 3 to 5 percent slopes	Not Hydric	7.2	3.5%
39	Purves-Maloterre association, undulating	Not Hydric	142.3	68.3%
Totals for Area of Interest			208.3	100.0%

Exhibit 4



Universal Transverse Mercator (UTM) Projection Zone 14
 North American Datum of 1983
 1000 meter UTM / USNG / MGRS
 Grid Zone Designation: 14R
 100,000-m Squares: PA



Magnetic declination of 3E at center of map
 on March 17, 2011

Exhibit 5

National Wetlands Inventory
Quad: Allen Bend, TX

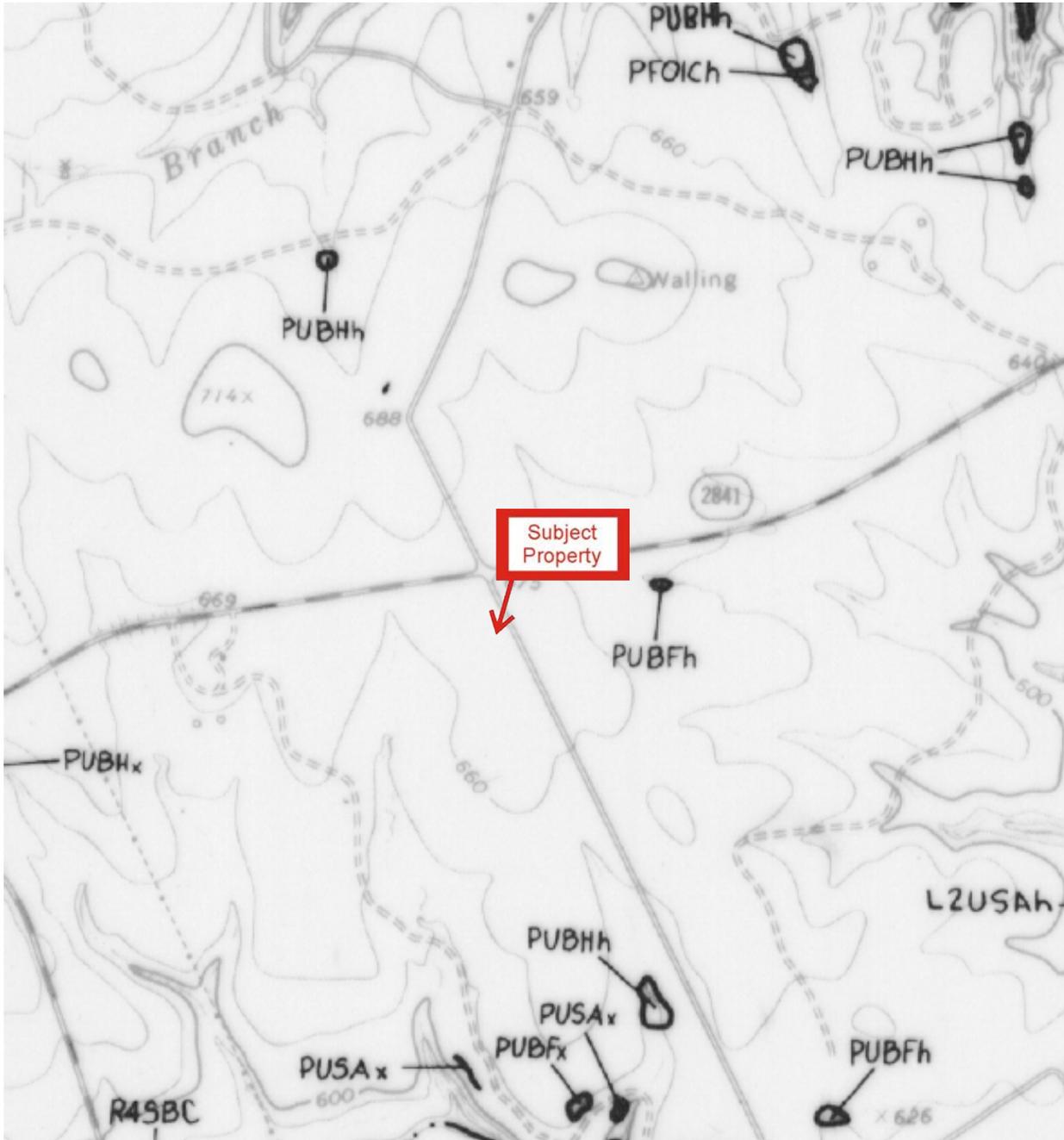
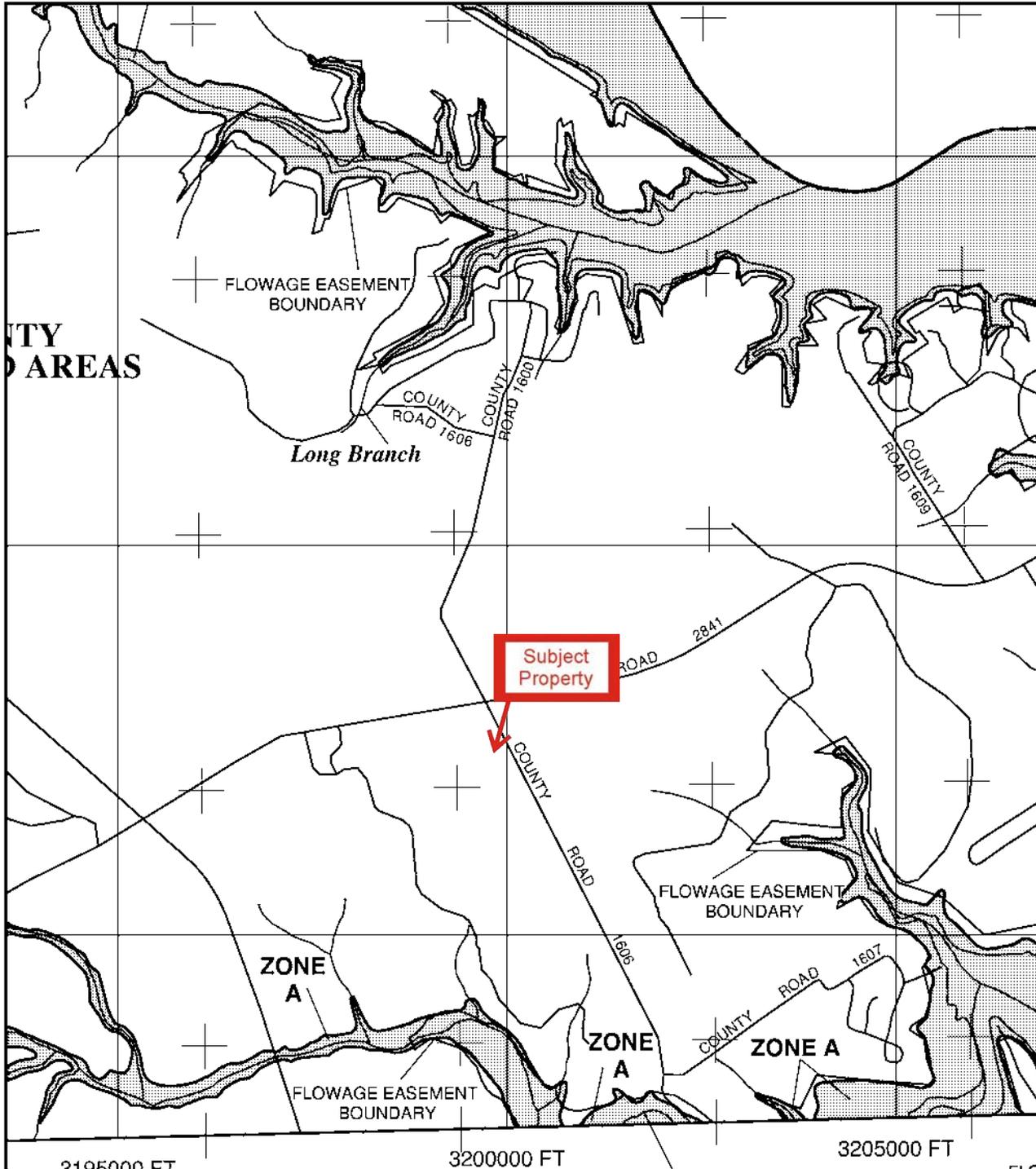
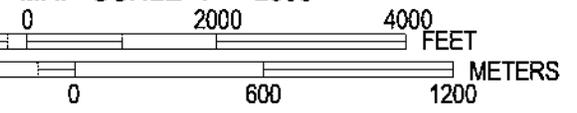


Exhibit 6



MAP SCALE 1" = 2000'



PANEL 0375C

FIRM
FLOOD INSURANCE RATE MAP
BOSQUE COUNTY,
TEXAS
AND INCORPORATED AREAS

PANEL 375 OF 725
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BOSQUE COUNTY	480051	03/75	C

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
48035C0375C
EFFECTIVE DATE
JANUARY 6, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

3195000 FT 3200000 FT 3205000 FT

Exhibit 7



U.S. Fish & Wildlife Service Species Reports

Environmental Conservation Online System

 Search

Species By County Report

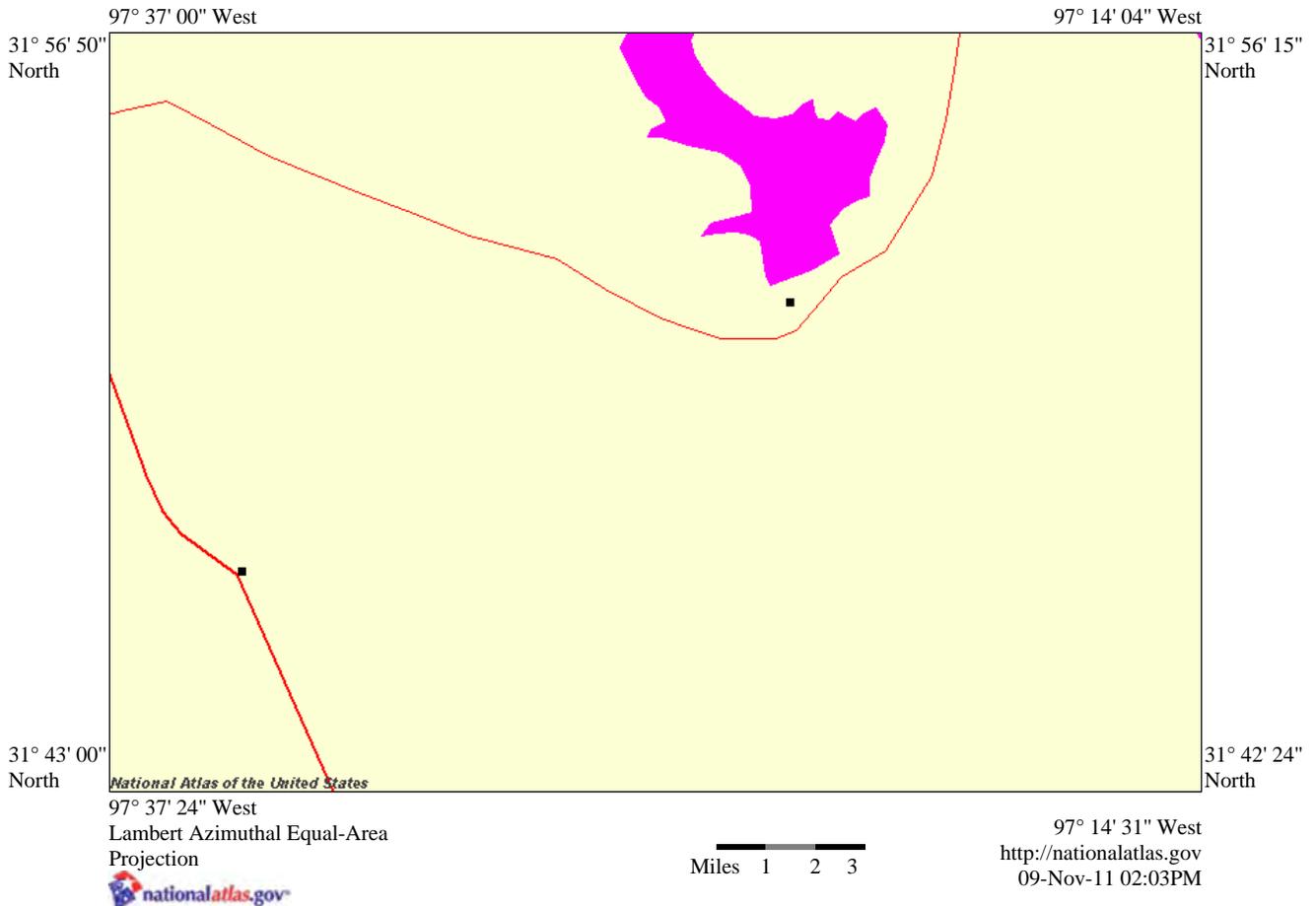
The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the [IPaC](#) application.

County: Bosque, TX

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Action Status	Recovery Plan Stage
Birds	Whooping crane (<i>Grus americana</i>)	except where EXPN	Endangered	Aransas/matagorda Island National Wildlife Refuge Complex	Whooping Crane Recovery Plan, Final Third Revision	View Implementation Progress	Final Revision 3
	Bald eagle (<i>Haliaeetus leucocephalus</i>)	lower 48 States	Recovery	Rock Island Ecological Services Field Office	Southwestern Bald Eagle Recovery Plan	View Implementation Progress	Final
					Northern States Bald Eagle Recovery Plan	View Implementation Progress	Final
					Chesapeake Bay Bald Eagle Recovery Plan	View Implementation Progress	Final Revision 1
					Recovery Plan for the Pacific Bald Eagle	View Implementation Progress	Final
					Southeastern States Bald Eagle Recovery Plan	View Implementation Progress	Final Revision 1
	Black-capped Vireo (<i>Vireo atricapilla</i>)		Endangered	Arlington Ecological Services Field Office	Black-capped Vireo (<i>Vireo atricapillus</i>) Recovery Plan	View Implementation Progress	Final
	Golden-cheeked warbler (=wood) (<i>Dendroica chrysoparia</i>)		Endangered	Austin Ecological Services Field Office	Golden-cheeked Warbler	View Implementation Progress	Final

Export options: [CSV](#) | [EXCEL](#) | [XML](#) | [PDF](#)

Exhibit 8



Boundaries

Indian Lands

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

Layer partially covered by another layer

Indian Lands

- Indian Reservation
- National Forest
- National Historic Park
- National Monument
- National Park
- National Wildlife Refuge
- Public Domain Land
- Water

Federal Lands

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

Layer partially covered by another layer

- Bureau of Land Management
- Bureau of Reclamation
- Department of Defense
- Forest Service
- Fish and Wildlife Service
- National Park Service
- Tennessee Valley Authority
- Other

Wilderness Preservation System Areas

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

Layer partially covered by another layer

- Wilderness Areas

Public Land Survey System

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

Public Land Survey System

Map Reference

Cities and Towns

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

- State Capitals
- County Seats
- Other Cities

Latitude/Longitude

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

Latitude/Longitude

Transportation

Roads

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

- Limited Access
- Principal Highway
- Through Highway
- Other Roads
- Ferry

Contact Record

Research Record

For Research & Contact Record:

Name: Brandi McTee Project Name: N/A
Date: 10/18/11 Time: 3:00 P.M. Project Number: N/A
Source Name: Mr. Omar Bocanegra

For Contact Record Only:

Company Name / Title: U.S. Fish & Wildlife Service-Arlington Field Office/Biologist Phone: (817) 277-1100
Street: _____ Fax: _____
City / State: _____ Zip: _____

MEANS OF COMMUNICATION:

Phone Call Letter/Fax In Person Visit

CONTACT ACTION:

Initiated Call Received Call Returned Call Other _____

Summary:

I contacted Mr. Bocanegra to determine the status of a U.S. Fish & Wildlife Service (USFWS) Tower Site Notification form that Archer submitted to his office. Mr. Bocanegra reported that his office no longer responds to new tower notifications unless the notification references a potential impact on threatened or endangered species, or a potential impact to threatened or endangered species habitat. Mr. Bocanegra reported that it is the consultants responsibility to perform due diligence in evaluating the projects potential for impact on threatened or endangered species and/or habitat, and only consult the USFWS when there is a potential for impact.

Signature: _____

cc: _____

Exhibit 9



LONE STAR

July 22, 2011

Attn: Linda Henderson
Texas Historical Commission
P.O. Box 12276
Austin, Texas 78711-2276

Re: FCC Form 620, Wireless Telecommunication Facility Undertaking in Respect to Section 106 of the National Historic Preservation Act of 1966.

Dear Ms. Henderson:

Aarcher, Inc. is submitting under cover of this letter FCC Form 620, submitted to you for NHPA Section 106 Review for construction of a Bosque County telecommunications tower. The proposed tower project, named Clifton, will be a 199 foot total height self support tower located at 1046 County Road 1606, northeast of Clifton, in Bosque County, Texas.

Please address your response to Aarcher, Inc. at 200 Rufe Snow North, Suite 103; Keller, Texas 76248.

If you have any questions or need additional information, please do not hesitate to contact me at any time. Thank you in advance.

Sincerely,

Bruce Hanford
Regional Manager

BH/eh

Enclosures – Form 620 and Attachments

cc: File

030004.03.0008

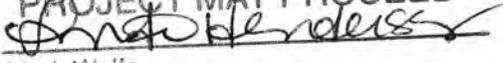
NO HISTORIC
PROPERTIES AFFECTED
PROJECT MAY PROCEED
by 
for Mark Wolfe
State Historic Preservation Officer
Date 5 August 2011

Exhibit 10

Erin Heinemann

From: towernotifyinfo@fcc.gov
Sent: Tuesday, June 07, 2011 12:09 PM
To: Erin Heinemann
Subject: Proposed Tower Structure Info - Email ID #2817765

Dear Erin Heinemann,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. 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 construction you have proposed:

Notification Received: 06/07/2011

Notification ID: 77153
Tower Owner Individual or Entity Name: Bosque County
Consultant Name: Erin Heinemann
Street Address: 200 Rufe Snow North
Suite 103
City: Keller
State: TEXAS
Zip Code: 76248
Phone: 817-431-1593
Email: eheinemann@aarcherinc.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 31 deg 53 min 19.8 sec N
Longitude: 97 deg 25 min 23.3 sec W
Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606
City: Clifton
State: TEXAS
County: BOSQUE
Ground Elevation: 203.6 meters
Support Structure: 54.9 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 264.3 meters above mean sea level

Erin Heinemann

From: towernotifyinfo@fcc.gov
Sent: Friday, June 10, 2011 2:03 AM
To: Erin Heinemann
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2819221

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. THPO Assistant Kelly Glancy - Comanche Nation - Lawton, OK - regular mail
Details: The Comanche Nation Historic Preservation Office does not need to review proposed projects under the following conditions; those that involve pre-existing above-ground feature additions or modifications, unless there is an increase in height, and those where the proposed project is within the city limits and proposed to be located on a previously disturbed site that has already been evaluated by the Comanche Nation.

If the proposed project does not meet the aforementioned conditions, the Comanche Nation Historic Preservation Office requires the following items; photographs taken of all 4 directions (north, south, east and west) from the center of the project site (where possible), legal description of the proposed site (i.e.; section, range, township, etc.) and any existing archeological/environmental reports or surveys relating to the site. We do not require, but request that you provide us with an aerial view of the proposed site if possible.

Due to the heavy volume of requests, we can no longer accept email requests.

Please send all materials to the Comanche Nation Historic Preservation Office, C/O Kelly Glancy, P.O. Box 908, Lawton, Oklahoma 73502 via regular or express mail, with a \$500 review fee, per project (payable to the Comanche Nation Historic Preservation Office). Please note on the cashier's check/money order (or on an attachment), the TCNS Number/Project Name that the review fee is being provided for. Upon receipt of review fee, the Comanche Nation Historic Preservation Office will promptly respond to your review request.

Note: If the Comanche Nation Office of Historic Preservation has commented previously on the project under requested review, inform us of the date in the body of the review request, and you will not be assessed a review fee. If you are in need of additional information you may contact us directly at (580) 595-9960 or 9618 for clarification. In addition, this message serves as the 'Official' Notice from the Comanche Nation Historic Preservation Office and can be printed for your records, if necessary.

Thank you!

Sincerely,
Jimmy Arterberry, THPO

2. TCNS Representative & GAP Technician Jason Prince - Wichita and Affiliated Tribes - Anadarko, OK - electronic mail and regular mail

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

3. Tribal Administrator Joshua Waffle - Tonkawa Tribe - Tonkawa, OK - electronic mail

4. Tribal Historic Preservation Officer Holly B Houghten - Mescalero Apache Tribe - Mescalero, NM - electronic mail

Details: The Mescalero Apache Tribe does not wish to review towers that are being placed upon existing buildings. For review of all other proposed towers located within the Mescalero Apache Tribe's traditional homelands, the Tribe will charge a \$125.00 review fee. Please send this fee to the Historic Preservation Office, Mescalero Apache Tribe, P.O. Box 227, Mescalero, NM 88340. Please make the check payable to the Mescalero Apache Tribe and note on the check, or an attachment, the TCNS# or project name/number that the review fee is provided for. Upon receipt of the review fee, the Mescalero Apache Tribe will promptly respond to your review request.

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.

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

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

7. SHPO Bob L Blackburn - Oklahoma Historical Society - Oklahoma City, OK - regular mail

8. Historian Linda Henderson - Texas Historical Commission - Austin, TX - electronic mail

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: 06/07/2011
Notification ID: 77153
Tower Owner Individual or Entity Name: Bosque County
Consultant Name: Erin Heinemann
Street Address: 200 Rufe Snow North
Suite 103
City: Keller
State: TEXAS
Zip Code: 76248
Phone: 817-431-1593
Email: eheinemann@aarcherinc.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 31 deg 53 min 19.8 sec N
Longitude: 97 deg 25 min 23.3 sec W
Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606
City: Clifton
State: TEXAS
County: BOSQUE
Ground Elevation: 203.6 meters
Support Structure: 54.9 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 264.3 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,
Federal Communications Commission

Erin Heinemann

From: towernotifyinfo@fcc.gov
Sent: Wednesday, June 15, 2011 11:37 AM
To: Erin Heinemann
Cc: tcns.fccarchive@fcc.gov; jwaffle@tonkawatribe.com
Subject: Reply to Proposed Tower Structure (Notification ID: 77153) - Email ID #2824439

Dear Erin Heinemann,

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 Tribal Administrator Joshua Waffle of the Tonkawa Tribe in reference to Notification ID #77153:

The following site(s) have been reviewed and to date (Wednesday, June 15, 2011) with current resources, the Tonkawa Tribe has no known burial sites of the Tonkawa Indians. If any remains or artifacts are discovered please contact the appropriate Agencies and our Tribal Facilities immediately. If the Tonkawa Tribes databases change in regards to the statement in this letter, a Tribal Representative will contact you.

Respectfully,
Joshua Waffle
Tribal Administrator Tonkawa Tribe
Ph 580 628 2561 124
Fx 580 628 2279
Cl 580 491 1209
jwaffle@tonkawatribe.com

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

Notification Received: 06/07/2011
Notification ID: 77153
Tower Owner Individual or Entity Name: Bosque County
Consultant Name: Erin Heinemann
Street Address: 200 Rufe Snow North
Suite 103
City: Keller
State: TEXAS
Zip Code: 76248
Phone: 817-431-1593
Email: eheinemann@aarcherinc.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 31 deg 53 min 19.8 sec N
Longitude: 97 deg 25 min 23.3 sec W
Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606)
City: Clifton
State: TEXAS
County: BOSQUE
Ground Elevation: 203.6 meters
Support Structure: 54.9 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 264.3 meters above mean sea level

Aarcher, Inc.

July 26, 2011

Ms. Holly Houghten
Historic Preservation Office
Mescalero Apache Tribe
P.O. Box 227
Mescalero, NM 88340

Re: Second Attempt to Determine Interest in a Communications Site for Impact on Properties of Religious and Cultural Importance to the Mescalero Apache Tribe

Dear Ms. Houghten:

In accordance with the Nationwide Programmatic Agreement for review of effects on Historic Properties for certain undertakings, this letter is a second attempt to respectfully request whether the Mescalero Apache Tribe would like to comment on the planned communications site for its impact on properties of religious and cultural importance to the Tribe. The proposed tower site has never been developed. The subject property is part of a pasture located on a ranch.

The proposed site information is as follows:

SITE NAME: Clifton

TCNS NOTIFICATION ID NUMBER: 77153

DATE OF INITIAL NOTIFICATION: 06/07/2011

NEW TOWER or COLLOCATION: New Tower

Structure Type: UTOWER – unguyed – Free Standing Tower

Latitude: 31 deg 53 min 19.8 sec N

Longitude: 97 deg 25 min 23.3 sec W

Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606

City: Clifton County: BOSQUE State: TEXAS

Ground Elevation: 203.6 meters

Support Structure: 54.9 meters above ground level

Overall Structure: 60.7 meters above ground level

Overall Height AMSL: 264.3 meters above mean sea level

We have enclosed a self-addressed envelope for your convenience in case you would like to communicate by regular mail. Alternatively, if you prefer, you may contact us by telephone at 443-243-3383, fax at 817-431-6554 or electronic mail at EHeinemann@aarcherinc.com.

We look forward to hearing from you even if you should decide that this proposed site is of no interest to the Mescalero Apache Tribe.

Sincerely,

Erin Heinemann
Project Manager

Aarcher, Inc.

July 26, 2011

Kelly Glancy
Comanche Nation Office of Historic Preservation
P.O. Box 908
Lawton, OK 73502

Re: Second Attempt to Determine Interest in a Bosque County Communications Site for Impact on Properties of Religious and Cultural Importance to the Comanche Nation

Dear Ms. Kelly Glancy:

In accordance with the Nationwide Programmatic Agreement for review of effects on Historic Properties for certain undertakings, this letter is a second attempt to respectfully request whether the Comanche Nation would like to comment on the planned communications site for its impact on properties of religious and cultural importance to the Nation. The proposed tower site has never been developed. The subject property is part of a pasture located on a ranch.

The proposed site information is as follows:

SITE NAME: Clifton
TCNS NOTIFICATION ID NUMBER: 77153
DATE OF INITIAL NOTIFICATION: 06/07/2011
NEW TOWER or COLLOCATION: New Tower
Structure Type: UTOWER – unguyed – Free Standing Tower
Latitude: 31 deg 53 min 19.8 sec N
Longitude: 97 deg 25 min 23.3 sec W
Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606
City: Clifton County: BOSQUE State: TEXAS
Ground Elevation: 203.6 meters
Support Structure: 54.9 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 264.3 meters above mean sea level

We have enclosed a self-addressed envelope for your convenience in case you would like to communicate by regular mail. Alternatively, if you prefer, you may contact us by telephone at 443-243-3383, fax at 817-431-6554 or electronic mail at EHeinemann@aarcherinc.com.

We look forward to hearing from you even if you should decide that this proposed site is of no interest to the Comanche Nation.

Sincerely,

Erin Heinemann
Project Manager

Erin Heinemann

From: towernotifyinfo@fcc.gov
Sent: Monday, August 01, 2011 4:51 PM
To: Erin Heinemann
Cc: tcns.fccarchive@fcc.gov; holly@mathpo.org
Subject: Reply to Proposed Tower Structure (Notification ID: 77153) - Email ID #2852198

Dear Erin Heinemann,

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 Tribal Historic Preservation Officer Holly B Houghten of the Mescalero Apache Tribe in reference to Notification ID #77153:

After review of this communications project, it has been determined that the Mescalero Apache Tribe has no immediate concerns within the project area, and that the project will cause no adverse effects to cultural resources or areas of interest to the Mescalero Apache Tribe. If, however, the Applicant discovers archeological remains or resources during construction, the Applicant should stop construction and notify the appropriate Federal Agency and Tribe(s).

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

Notification Received: 06/07/2011
Notification ID: 77153
Tower Owner Individual or Entity Name: Bosque County
Consultant Name: Erin Heinemann
Street Address: 200 Rufe Snow North
Suite 103
City: Keller
State: TEXAS
Zip Code: 76248
Phone: 817-431-1593
Email: eheinemann@aarcherinc.com

Structure Type: UTOWER - Unguyed - Free Standing Tower
Latitude: 31 deg 53 min 19.8 sec N
Longitude: 97 deg 25 min 23.3 sec W
Location Description: 1046 County Road 1606 (NewTower SW corner FM2841 & CR1606
City: Clifton
State: TEXAS
County: BOSQUE
Ground Elevation: 203.6 meters
Support Structure: 54.9 meters above ground level
Overall Structure: 60.7 meters above ground level
Overall Height AMSL: 264.3 meters above mean sea level

Comanche Nation Office of Historic Preservation



Erin Heinemann
Archer Inc.
200 Rufe Snow North, Suite 103
Keller, TX 76248

August 3, 2011

Re: TCNS # 77153 (Site: Clifton)

Dear Ms. Heinemann:

In response to your request, the above referenced project has been reviewed by staff of this office. Based on the information provided and a search within the Comanche Nation Site Files, we have determined that there are *no properties* affected by this undertaking.

If you require additional information or are in need of further assistance, please contact this office at (580) 595-9960 or 9618.

This review is performed in order to locate, record, and preserve the Comanche Nation and State's prehistoric and historic cultural heritage, in cooperation with the State Historic Preservation Office.

Sincerely,

Kelly Glancy, HPO Assistant
Tribal Historic Preservation Office
Comanche Nation

TCNS Certification

Site Name: Clifton, Bosque County TCNS #: 77153

All notified Tribes either responded that no issues existed with the proposed action or communication was referred to the FCC through the TCNS system and the appropriate waiting time has expired.

This also certifies that should I receive in the future any Tribal request regarding this site, I will notify you immediately.

Date: 08/12/2011

Consultant Name/Address: _____



Bruce Hanford
Aarcher, Inc.
200 Rufe Snow North, Suite 103
Keller, TX 76248

Exhibit 11



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2011-ASW-3178-OE

Issued Date: 06/08/2011

Harold Ferguson
HOTCOG
1514 S. New Road
Waco, TX 76711

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Bosque Laguna Tower
Location:	Clifton, TX
Latitude:	31-53-19.80N NAD 83
Longitude:	97-25-23.30W
Heights:	199 feet above ground level (AGL) 864 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction (7460-2, Part I)
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 199 feet above ground level (864 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 12/08/2012 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 838-1996. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-ASW-3178-OE.

Signature Control No: 143467075-144239656

(DNE)

Bruce Beard
Specialist

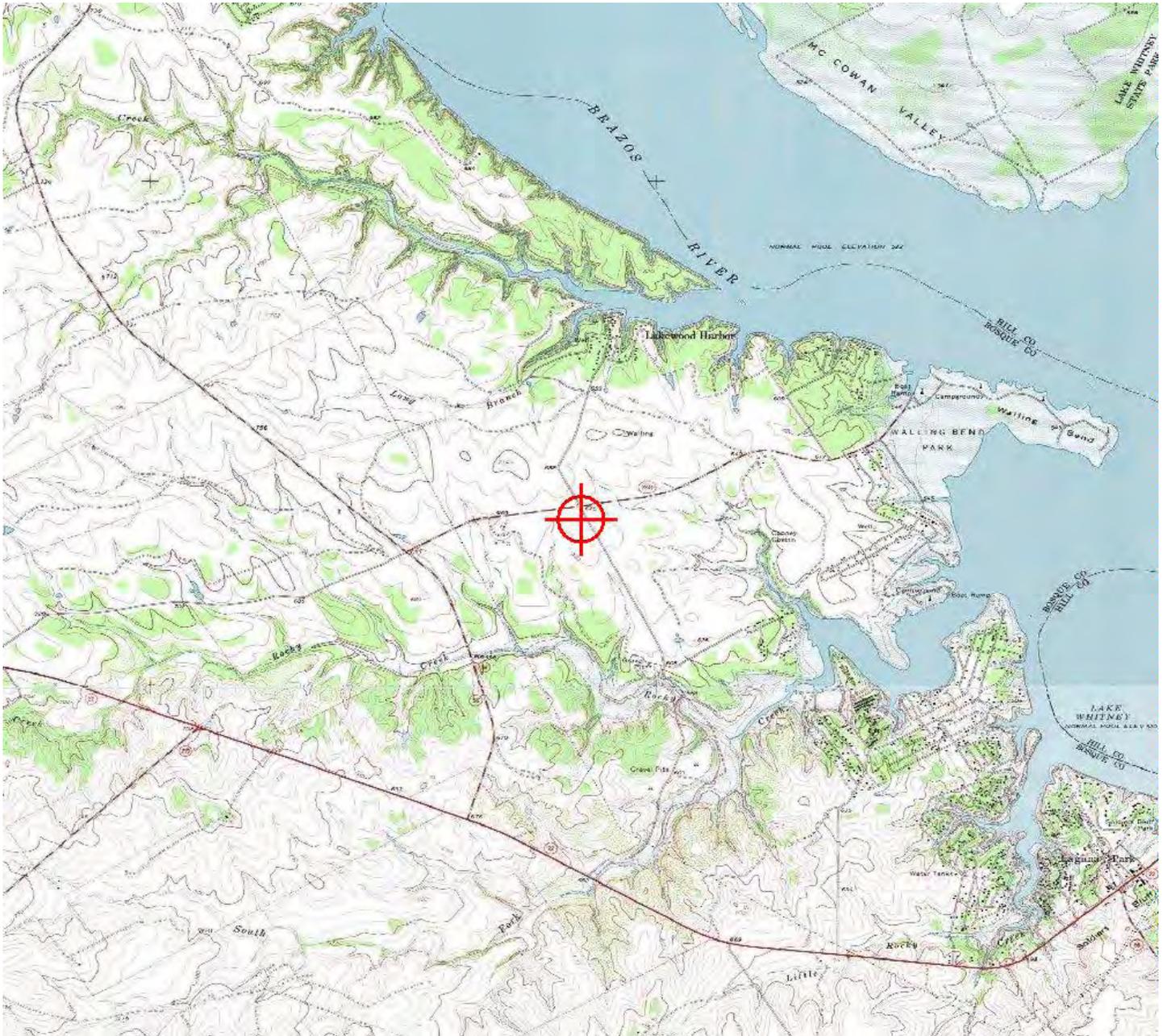
Attachment(s)
Frequency Data
Map(s)

cc: FCC

Frequency Data for ASN 2011-ASW-3178-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
150	174	MHz	500	W
450	512	MHz	500	W

TOPO Map for ASN 2011-ASW-3178-OE



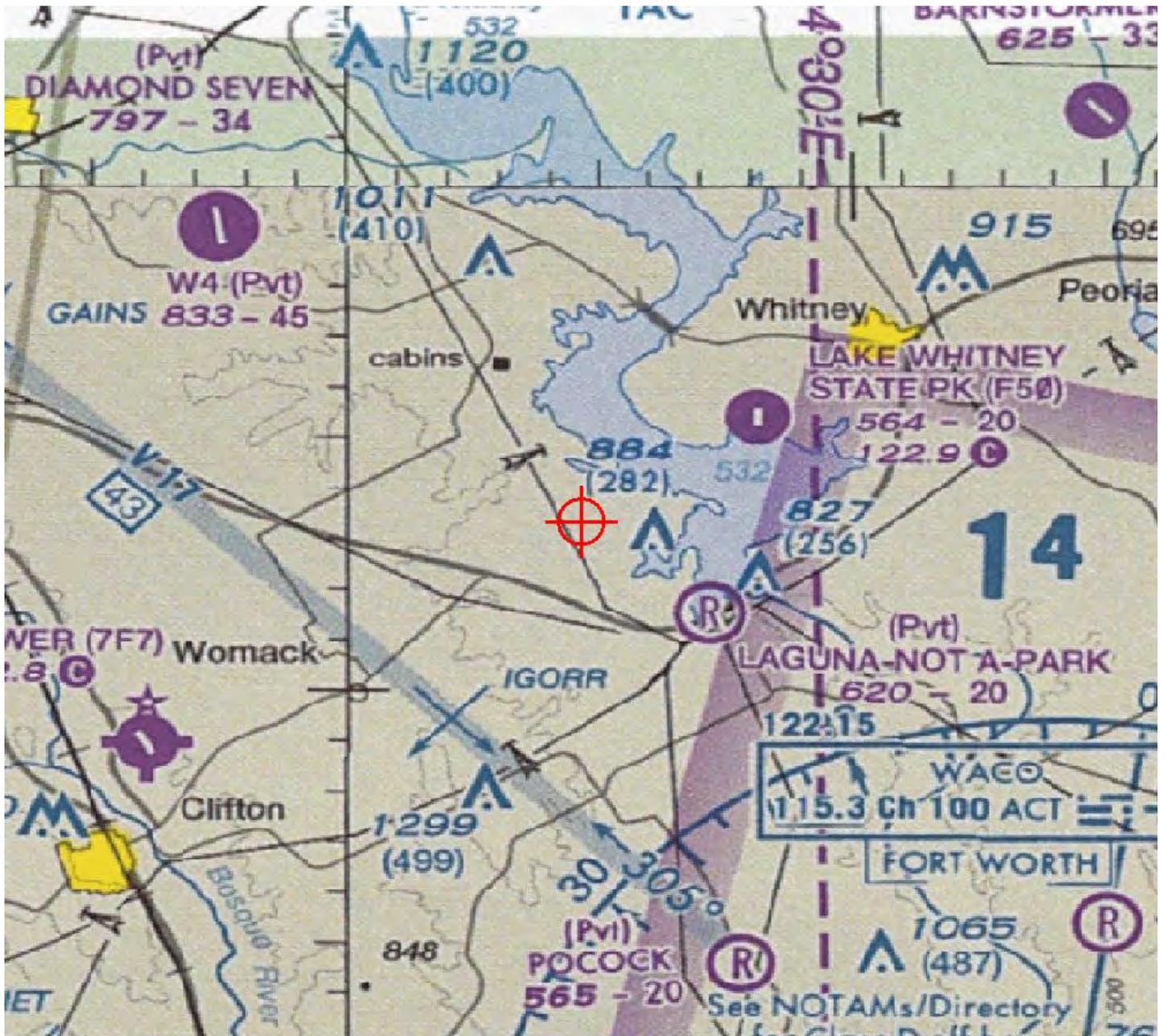


Exhibit 12

Site: Clifton, Bosque County

FCC NEPA Significant Effect Checklist 47 CFR § 1.1307 (a) 1-8			
		<i>Yes</i>	<i>No</i>
1.	Officially designated wilderness area Do map sources indicate the proposed action will be sited within a wilderness area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Officially designated wildlife preserve Do map sources indicate the proposed action will be sited within a wildlife preserve?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	(i) Listed threatened or endangered species or designated critical habitat Was evidence discovered that the proposed action would have a significant effect on listed threatened or endangered species or designated critical habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	(ii) Proposed endangered or threatened species or likely to result in the destruction or adverse modification of critical habitats Was evidence discovered that the proposed action would have a significant effect on proposed endangered or threatened species or is likely to effect critical habitats?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Archaeological/Cultural Resources (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) Was evidence discovered the proposed action could have a significant effect on Archaeological/Cultural Resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Indian Religious Site Was evidence discovered that the proposed action would be sited on an Indian Religious Site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	100-Year Floodplain Is performance of an Environmental Assessment required because the subject property is within a 100-year floodplain and the proposed action is other than a co-location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	Construction will involve significant change in surface features (e.g., wetland fill, deforestation or water diversion) Was evidence discovered that the proposed action would have a significant effect on surface features?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	Radiofrequency radiation Will the proposed action result in radiofrequency radiation in excess of the applicable health and safety guidelines?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Antenna towers and/or supporting structures to be equipped with high intensity white lights which are to be located in a residential neighborhood Was evidence discovered that the proposed action would have a significant effect on residential neighborhoods?	<input type="checkbox"/>	<input checked="" type="checkbox"/>