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DRAFT ENVIRONMENTAL ASSESSMENT
Proposed MSWIN 20503 Crawford Wireless Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Prepared for:
Towers of Mississippi
Spanish Fort, Alabama

&

State of Mississippi
Jackson, Mississippi

&

Federal Emergency Management Agency
Washington, D.C.

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1.0 INTRODUCTION

The State of Mississippi created the Mississippi Wireless Communication Commission (MWCC) by statute in 2005 to oversee the construction and operation of the Mississippi Wireless Integrated Network (MSWIN) project. MSWIN is wireless voice and data capable infrastructure, providing all users with a public-safety grade, statewide, interoperable, seamless roaming radio system. This 700 MHZ Public Safety System is intended to provide highly reliable, fast access, private (within groups and individuals) communications to a wide variety of government and first-responder users within the State of Mississippi. MSWIN is funded largely by federal funds administered through the Department of Homeland Security and the Federal Emergency Management Agency.

The MSWIN network consists of over 140 tower sites to transmit and receive 700 MHz radio communications along with 6.7 GHz microwave connections to nearby towers to backhaul the communication to the closest switch. As part of the network, this tower will support a myriad of equipment that will provide emergency response communications for the population within approximately fifteen miles surrounding this proposed site.

System users vary from public safety, governmental executive and administrative personnel to road maintenance crews. In addition to routine communications, users will also depend on the network during life threatening conditions and emergency situations. Flooding, hurricanes, earthquakes, tornadoes, and other natural or man-made catastrophes often require effective wide-area, interoperable communications. Thus, communications within the State of Mississippi are most critical when they are most susceptible to failure. Consequently, a high degree of redundancy and fail-safe design is essential to this success of this project.

The proposed tower facility will be accessed via locked gate off of Firetower Road. The tower will have two parking spaces at the entrance of the fenced tower compound. The compound surrounding the tower and equipment will consist of a seven-foot tall security fence with an additional foot of barbed wire surrounding the site. The tower will be constructed to withstand extreme weather conditions and engineered and constructed to the latest tower standards of ANSI/TIA-222-G (class III supporting public safety and mission critical communications). All radio equipment on the tower will be operated in compliance with all requirements of frequency and power output as regulated by the Federal Communications Commission. Additionally, the gates and fence will have attached no trespassing and other notice and warning signs as may be required by applicable local and federal laws.

Routine operations of the tower facility will have limited vehicular traffic excepting maintenance and routine periodic inspections. Running water or sanitary facilities are not used at the facility. Power facilities are available and will be routed in during construction. The tower will not interfere with local residence or the use of the surrounding properties. The increase of vehicular traffic into the area is anticipated to be negligible. The tower and communication systems located thereon will not interfere with other communication systems in the area.



The tower is designed to allow other uses on the structure to promote collocation with up to three positions suitable for cellular telephone type wireless service providers. This further reduces the potential need for further towers in the area. In addition, the tower is designed to accommodate additional government communications equipment as the need to provide mission critical radio infrastructure increases in the future.

1.1 PURPOSE

The purpose of the National Environmental Policy Act (NEPA) Checklist screening and Environmental Assessment (EA) is to provide information regarding the subject property required by the Federal Communication Commission (FCC), as described in Title 47 of the Code of Federal Regulations (CFR) Chapter I, Part 1, Subpart I titled *Procedures Implementing the National Environmental Policy Act (NEPA) of 1969*, Sections 1.1307(a)(1) through (8). In addition, this EA was prepared to address items required by the Federal Emergency Management Agency (FEMA) as part of its environmental and historical review process.

This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

NEPA requires that Federal agencies consider the environmental consequences of proposed actions before deciding to fund an action. The intent of NEPA is to protect, restore, or enhance the environment through well-informed decision making. The Council on Environmental Quality was established under NEPA to implement and oversee Federal policy in this process and implemented the procedural provisions of NEPA codified at 40 CFR 1500-1508. An Environmental Assessment (EA) related to a FEMA program must be prepared according to the requirements of the Stafford Act and 44 CFR Part 10. This EA has been prepared to evaluate the potential effects to the natural and human environment from construction of a new communications tower.

1.2 NEED

The proposed communications facility is part of the proposed Mississippi Wireless Integrated Network (MSWIN). This network is intended to facilitate seamless communications between federal, state, and local emergency personnel during natural or man-made disasters and/or emergencies.

1.3 ALTERNATIVES CONSIDERED

Four alternatives were considered for the Proposed Action (construction and operation of the proposed MSWIN 20503 Communications Facility). These alternatives included the Proposed Action, No-Action Alternative, collocation, and alternate technologies. These alternatives are described below.



1.3.1 Proposed Action

The Proposed Action consists of construction of a 600-foot guyed communications tower and associated equipment compound to facilitate installation and operation of wireless communications antennae to provide integrated emergency communications between federal, state, and local agencies. These antennae include microwave dishes that are to be used to send and receive information over long distances without the limitations associated with connection to land lines/cables (primarily interruptions in service due to damage to land lines/cables during emergencies or natural disasters).

1.3.2 No-Action Alternative

Under the No-Action Alternative the proposed project would not be constructed. No adverse environmental impacts are believed to be associated with the No-Action Alternative. However, the no-action alternative would result in a cost to the residents in the service area of this project associated with loss of integrated emergency communications service in the subject area. This cost must be compared to the potential adverse environmental impacts and social cost benefits associated with the Proposed Action.

Wireless communication systems provide a social benefit through increased ease of non-business communication. Roadway accidents, fires, and other emergency situations can be reported faster using wireless communications equipment. Wireless communications also provide critical assistance to emergency personnel during natural disasters (flood, hurricanes, tornadoes, etc.) and national emergencies.

1.3.3 Collocation

It is our understanding that the State of Mississippi and Towers of Mississippi explored collocation opportunities within the required service area for this project. However, no collocation opportunities meeting the technical requirements for the proposed project were identified.

1.3.4 Alternate Technologies

Among the possible alternatives to the MSWIN network are a) satellite communications, b) commercial cellular communications, and c) the existing State operated networks.

Satellite communications is commercially available and is currently used as a backup communications method in the event the primary systems fail. Satellite communications is cost prohibitive for the 30,000 users who would be a part of the MSWIN radio network.

Commercial cellular communication services are available in much of the service area MSWIN will provide, but not all of the State of Mississippi is covered by a single cellular operator. MSWIN will provide 97% radio coverage over the state, is more secure than commercial cellular service, is more survivable in the event of natural disasters, and is dedicated to public safety missions. Cellular is an



adequate limited backup to the routine and emergency requirements of public safety, but is not adequate for daily operational usage and extreme emergency situations, as compared to the MSWIN system.

The existing State operated radio systems are aging and limited in their coverage reach. The field and dispatch radios are nearing obsolescence and are difficult to find new replacement parts for. The needs of a growing Mississippi will be met by the new technology the MSWIN network provides.

1.4 AFFECTED ENVIRONMENT

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle “Crawford East, Mississippi,” dated 1987. The site is located in the east ½ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33°20’6.327” north and longitude 88°35’5.242” west (Figure 1). The site consists of a proposed 100-foot by 100-foot lease area with three guy easements and a proposed access road located near 3277 Firetower Road in Crawford Mississippi 39743. The site is a portion of a grassed field and slopes gently downward to the north and west. The proposed access road extends east from Firetower Road then turns south to the site. A creek traverses the proposed access road at the tree line crossing the proposed access road. Proposed activities by the State of Mississippi consist of installation of communications antennae and associated cable on a 600-foot guyed communications tower to be constructed and owned by Towers of Mississippi. The State of Mississippi will place support equipment on a concrete pad within the tower compound to be provided by Towers of Mississippi. A copy of the portion of the 2007 aerial photograph depicting the site layout has been included as Figure 2 and site photographs have been included as Figures 3 through 7. A copy of the site survey is included as Appendix A.

1.5 FCC ENVIRONMENTAL COMPLIANCE CHECKLIST

POTENTIAL ENVIRONMENTAL IMPACT	YES	NO
1. Will this facility be located in an officially designated wilderness area?	_____	X _____
2. Will this facility be located in an officially designated wildlife preserve?	_____	X _____
3. Will this facility affect listed threatened or endangered species or designated critical habitats?	_____	X _____
4. Is this facility likely to jeopardize the continued existence of any proposed threatened or endangered species or result in the destruction or adverse modification of proposed critical habitats?	_____	X _____
5. Will the facility affect districts, sites, buildings, structures, or objects that are listed or eligible for listing in the National Register of Historic Places?	_____	X _____
6. Will the facility affect Indian religious sites?	_____	X _____
7. Will the facility be located in a floodplain?	_____	X _____
8. Will the facility involve significant change in surface features (i.e. wetland fill, deforestation, diversion)?	X _____	_____
9. Will the facility be located in a residential area and equipped with high intensity white lights?	_____	X _____
10. Will the facility result in a potential exposure of workers or the general public to levels of radio frequency radiation in excess of the MPE?	_____	X _____



1.6 INFORMATION SOURCES

Completion of this Draft Environmental Assessment included utilization of the following sources:

1. Review of the portion of the 2007 aerial photograph depicting the site available through Maptech.
2. Review of the site survey prepared by SMW Engineering, Inc.
3. Review of information regarding National Scenic Trails and All-American Roads available on the Mississippi Department of Transportation Internet website.
4. Review of information regarding wild and scenic rivers in the vicinity of the proposed project available at Rivers.gov.
5. Review of the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission.
6. Correspondence to and from the Department of the Army Corps of Engineers regarding potential impacts to jurisdictional wetlands by the proposed project.
7. A review of information available on the USFWS Internet website, at Nationalatlas.gov, and on Wilderness.net regarding officially designated wilderness areas or wildlife refuges.
8. Correspondence from the USFWS regarding threatened and endangered species on or near the site.
9. Review of the FCC Form 620 prepared for the site by MRS Consultants, LLC and Environmental Engineers, Inc.
10. Correspondence from the Mississippi Department of Archives and History regarding historical resources and properties listed on or eligible for listing on the National Register of Historic Places on or near the site.
11. Review of the Tower Construction Notification System Notice of Organizations Which Were Sent Proposed Tower Construction Notification Information provided by the FCC.
12. Correspondence and conversations with representatives of the Alabama-Coushatta Tribe of Texas, Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Seminole Tribe of Florida, and the Tunica-Biloxi Indians of Louisiana regarding wireless telecommunications projects.
13. Review of the FEMA Flood Insurance Rate Map regarding flood zone designations for the site.



14. Review of information available on the USFWS National Wetlands Inventory Internet website containing the site regarding potential jurisdictional wetlands on or adjacent to the site.
15. Information regarding the MSWIN system provided by Towers of Mississippi.
16. Soil information from the USDA's Soil Survey of Lowndes County, Mississippi, issued September 1979.
17. Correspondence to and from the USDA Natural Resource Conservation Service (NRCS) office in Jackson, Mississippi regarding impacts to prime farmland, unique farmland, and land of statewide or local importance.
18. A reconnaissance of the subject property.

2.0 WILDERNESS AREAS/PRESERVES

The proposed communications facility will not adversely affect wilderness areas. Based on a review of information available through the Wilderness.net Internet website, two wilderness areas are located in Mississippi – Black Creek Wilderness and Leaf Wilderness. Each of these wilderness areas are located in the southeastern portion of the state and would not be affected by the proposed communications tower project. Maps showing the locations and boundaries of the Black Creek Wilderness and the Leaf Wilderness are included as Appendix B.

The proposed communications facility will not adversely affect any wildlife refuges. Based on a review of information available at the USFWS Internet website and at the Nationalatlas.gov Internet website, the site is not located within the boundaries of, or adjacent to, any wildlife refuges. Maps showing the location of wildlife refuges in the state of Mississippi are included as Appendix C.

3.0 BIOLOGICAL RESOURCES

3.1 THREATENED AND ENDANGERED SPECIES

The proposed communications facility will not adversely affect federally-listed threatened or endangered species. Information regarding the proposed wireless telecommunications tower was submitted to the United States Fish and Wildlife Service (USFWS) by Environmental Engineers, Inc. The USFWS responded via letter dated October 29, 2009 stating “Price’s potato bean, a threatened plant, is the only listed terrestrial species for Lowndes County. It is unlikely that this listed species would be found at the site as documented by photographs that you provided. Therefore, the Service [USFWS] anticipates no impacts to this listed species to occur as a result of the proposed project.” Copies of the correspondence to and the response from the USFWS are included as Appendix D.



3.2 MIGRATORY BIRDS

The United States Fish and Wildlife Service (USFWS) has developed voluntary recommendations regarding communications tower siting, construction, operation, and decommissioning. These recommendations include collocating of antennae on existing towers or other structures, limiting the height of new towers to less than 199 feet above ground level (AGL), if taller than 199 feet use of the minimum amount of pilot warning and obstruction avoidance lighting required (preferably white strobes), use of non-guyed towers (monopoles, self-supporting towers), consideration of cumulative impacts on migratory birds, locating towers within “antenna farms” where possible, use of the minimum lighting permissible, use daytime visual markers on guy wires, minimization of the footprint of the facility to avoid habitat loss, design of new towers to accommodate additional comparable antennae for at least two additional users, and down-shielding security lighting for on-ground facilities. A copy of the USFWS communications tower siting, construction, operation, and decommissioning recommendations are included in Appendix E.

A basic principal of radio communication coverage is increasing the height extends signal range. Effective coverage is a function of height so to lower each site to less than 199 feet increases the potential tower count over 300 to accomplish the coverage requirements, resulting in roughly 3,000,000 square feet of ground disturbance, or well over twice the current footprint disturbance requirements. Such an increase in ground impact risks a much greater adversity to terrestrial based habitat such as animals and plants, plus the additional carbon footprint produced by the increased development and construction activities.

Towers of Mississippi and the State of Mississippi considered collocation opportunities as an alternative to the proposed action. However, the technical loading requirements for this project are for all used structures to be engineered and constructed to the latest tower standards of ANSI/TIA-222-G (class III supporting public safety and mission critical communications). As this is the latest engineering standard and the Class III (public safety) level is the most rigorous engineering standard in the tower industry, there are no existing towers within the coverage area for this project that can be modified to meet this standard and handle the loading requirements MSWIN will place on the tower.

The Federal Aviation Administration (FAA) has jurisdiction of all tower lighting and conducts aeronautical studies under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning the impact on arrival, departure, and en route procedures for aircraft operating under VFR/IFR conditions at existing and planned public use airports, as well as aeronautical facilities.

For purposes of MSWIN tower development, obstruction lighting may be one of three types:

- (1) Medium intensity flashing white obstruction lights (white strobes in both day and night (D-1 or D-2)); or



- (2) Dual lighting with red / medium intensity flashing white lights (white strobes in daylight and red strobes at night – E-1 or E-2); or
- (3) Marking and lighting with painted towers and red night beacons. This applies to towers over 500 feet in height (E-2 light system).

Based on information provided by Towers of Mississippi for this project, it is our understanding that the proposed tower will be painted red and white, and that red obstruction lights will be installed on this tower.

Construction of a self-supporting tower is not practical to provide the required service. According to Towers of Mississippi, the cost of a self-support tower is roughly 2.5 times the cost of a guyed tower, and if all the remaining towers in the MSWIN project were constructed as self supporting towers the extended cost would well exceed an additional \$50-70 million in additional construction costs. Though not favored by USFWS, the impact area of this 600-foot guyed tower in the air is roughly 5,400 square feet whereas the impact area of a 600-foot self -supporting tower is much larger at 54,000 square feet (a 1,000% increase in the amount of airspace taken).

Bird flight diverters will not be installed on the proposed tower. According to Towers of Mississippi, bird flight diverters are expensive and difficult to maintain over the life of the tower. Adding daytime warning devices to the remainder of the towers in this project would exceed \$5 million in additional capital requirements.

As stated in Section 1.0, the proposed tower will be designed to accommodate equipment for up to three additional wireless communications providers thereby reducing the need for additional towers in the service area of the proposed project.

Security lighting at this facility will consist of motion-activated wall-mounted lights on the equipment shelter at the site.

4.0 CULTURAL RESOURCES

4.1 NATIONWIDE PROGRAMMATIC AGREEMENT

On March 7, 2005 the FCC implemented a Nationwide Programmatic Agreement (NPA) regarding Section 106 reviews (State Historic Preservation Officer and Indian tribal consultation) for wireless telecommunications tower sites. In summary, the NPA set forth rules regarding consultation with the State Historic Preservation Officer (SHPO) in each state where a proposed wireless telecommunications tower is to be constructed; consultation with Indian tribes and Native Hawaiian Organizations (NHOs) that would have been historically located in the area of the proposed wireless telecommunications tower or had indicated an interest in the geographical area containing the proposed wireless telecommunications tower; and involvement of the public and/or local government. As part of the process associated with the NPA the FCC developed the Tower Construction Notification



System (TCNS) and FCC Form 620. The TCNS is described in Section 4.2 and FCC Form 620 is described in Section 4.3.

The NPA requires that a response be received from each Indian tribe or NHO that has indicated an interest in the state or geographical area containing the proposed tower. If no response is received from a particular Indian tribe or NHO within a reasonable time (typically 30 days), the NPA requires that the non-responding Indian tribe or NHO be contacted a second time in an effort to obtain a response. If the Indian tribe or NHO continues to be unresponsive to the initial or follow-up inquiries, the FCC must be contacted to consult with the non-responding Indian tribe or NHO.

4.2 FCC TOWER CONSTRUCTION NOTIFICATION SYSTEM

The TCNS is an Internet-based notification system developed by the FCC that allows input of basic information regarding the proposed location, type, and height of a new wireless telecommunications tower. This information is then made available to Indian tribes and NHOs that have expressed an interest in the state or geographical location containing the proposed wireless telecommunications tower via electronic or regular mail. According to the FCC the TCNS can be used as the initial contact to Indian tribes or NHOs.

Information regarding the proposed wireless telecommunications tower was submitted to Indian tribes, NHOs, and SHPOs via the TCNS on October 2, 2009. The FCC assigned Notification I.D. #56598 to the notification submitted for this proposed wireless telecommunications tower. The FCC sent an electronic mail notification to our office on October 9, 2009 listing the Indian tribes, NHOs, and SHPOs that were contacted through the TCNS regarding the proposed tower. As noted in Section 4.1, the NPA requires that we obtain a response from each Indian tribe or NHO that has indicated an interest in the geographical area or state containing the site.

Environmental Engineers, Inc. used the list of Indian tribes that had defined their area of geographical interest on the FCC Internet web site, conversations with Tribal Historic Preservation Officers (THPOs), Internet web sites for many of the Indian tribes and Alaskan villages, and the *Encyclopedia of North American Indians* by Frederick E. Hoxie (published in 1996 by Houghton Mifflin) to determine which Indian tribes included in the TCNS list would be interested in this wireless telecommunications tower site. This review indicated that the following Indian tribes would have a potential interest in this wireless telecommunications tower site: Alabama-Coushatta Tribe of Texas, Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Seminole Tribe of Florida, and the Tunica-Biloxi Indians of Louisiana. A description of the follow-ups to and responses from each of these Indian tribes are included in Sections 4.5.1 through 4.5.6. Copies of the TCNS notifications and list of Indian tribes, NHOs, and SHPOs are included in Appendix F.

4.3 FCC FORM 620

MRS Consultants, LLC and Environmental Engineers, Inc. completed the FCC Form 620 required for submittal to those Indian tribes requesting additional information regarding the proposed wireless



telecommunications tower and the SHPO. MRS Consultants, LLC personnel satisfy the United States Secretary of the Interior's Professional Qualification Standards. A copy of the FCC Form 620 prepared for this site is included in Appendix G.

4.4 STATE HISTORIC PRESERVATION OFFICER

The FCC Form 620 was submitted to the Mississippi Department of Archives and History (MDAH) for review. Based on the review of this report, the MDAH responded via letter dated November 10, 2009 stating "...we concur that no cultural resources listed in or eligible for listing in the National Register of Historic Places will be directly or visually affected. Therefore, we have no reservations with the undertaking." Copies of the correspondence to and from the MDAH are included in Appendix H.

4.5 INDIAN TRIBAL CONSULTATION

Environmental Engineers, Inc. followed up with each of the Indian tribes (as necessary) that we had identified through our review of the TCNS listing provided by the FCC for this site. Sections 4.5.1 through 4.5.6 describe our follow-up contacts to each of these Indian tribes and their responses.

4.5.1 Alabama-Coushatta Tribe of Texas

Mr. Bryant Celestine of the Alabama-Coushatta Tribe of Texas responded via electronic mail dated December 1, 2009 regarding TCNS #56598 stating "On behalf of Chief Oscola Clayton Sylestine and the Alabama-Coushatta Tribe, our appreciation is expressed on your efforts to consult us regarding TCNS #56598 in Lowndes County...Upon review of your November 3, 2009 submission, no known impacts to religious, cultural, or historical assets of the Alabama-Coushatta Tribe of Texas should occur in conjunction with this proposal. In the event of inadvertent discovery of human remains and/or archaeological artifacts during construction, activity in proximity to the location must cease and appropriate authorities, including this office, notified without delay." Copies of the correspondence to and from Mr. Celestine are included in Appendix I.

4.5.2 Choctaw Nation of Oklahoma

Ms. Caren Johnson of the Choctaw Nation of Oklahoma responded via electronic mail on December 4, 2009 stating that "The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 56598 and based on the information provided to the best of our knowledge it will have no adverse effect on any historic properties in the project's area of potential effect. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historic crockery, glass or metal items, or should it uncover evidence of buried historic building materials such as rock foundations, brick, or hand poured concrete, this office should be contacted immediately @ 1-800-522-6170 ext. 2137." Copies of the correspondence to and the response from Ms. Johnson are included in Appendix I.



4.5.3 Kialegee Tribal Town

The TCNS listing (Appendix F) for this site included information from the Kialegee Tribal Town that states “If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.” The TCNS notification for this site is dated October 9, 2009 and the end of the 30-day period indicated by the Kialegee Tribal Town was November 8, 2009. Environmental Engineers, Inc. has not received a response from the Kialegee Tribal Town as of the date of this report. Therefore, it is our understanding that additional consultation with the Kialegee Tribal Town is not necessary.

4.5.4 Mississippi Band of Choctaw Indians

The TCNS listing (Appendix F) for this site included information from the Mississippi Band of Choctaw Indians that stated “If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days after you have e-mailed the [FCC Form 620]...then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians in the event archaeological properties or human remains are discovered during construction...” The Mississippi Band of Choctaw Indians was notified via electronic mail dated November 3, 2009 and the end of the 30-day period indicated by the Mississippi Band of Choctaw Indians was December 3, 2009. Environmental Engineers, Inc. has not received a response from the Mississippi Band of Choctaw Indians as of the date of this report. Therefore, it is our understanding that additional consultation with the Mississippi Band of Choctaw Indians is not necessary. A copy of the electronic mail submitted to the Mississippi Band of Choctaw Indians is included in Appendix I.

4.5.5 Seminole Tribe of Florida

Ms. Jennifer Pietarila of the Seminole Tribe of Florida (STOF) responded via TCNS on November 4, 2009 in response to TCNS #56598 stating, “The STOF-THPO concurs with your findings of ‘no historic properties’. However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process.” Copies of the correspondence to and from the Seminole Tribe of Florida are included in Appendix I.

4.5.6 Tunica-Biloxi Indians of Louisiana

Mr. Earl Barbry of the Tunica-Biloxi Indians of Louisiana was contacted via electronic mail on May 3, 2005 regarding submittal of wireless telecommunications projects. Mr. Barbry responded via electronic mail on May 3, 2005 and indicated that he wanted to be notified regarding cell tower requests via electronic mail and that if he had not responded within 30 days of our contacting him, the project can proceed. We contacted Mr. Barbry regarding this site via electronic mail on November 3, 2009, and the end of the 30-day response period as indicated by Mr. Barbry was December 3, 2009.



We have not received a response from Mr. Barbry as of the date of this report. Therefore, we have assumed that the Tunica-Biloxi Indians of Louisiana concur with the proposed project. Copies of the electronic mail to and from Mr. Barbry are included in Appendix I.

4.6 INADVERTENT DISCOVERY

The personnel that will have a potential to be involved in land-disturbing activities must be instructed to stop work immediately and contact the Indian tribes that have indicated an interest in the project area and SHPO in the event of an inadvertent discovery of human remains or cultural materials. The Indian tribe, contact name, and telephone number for each of the interested Indian tribes and SHPO are included in the table below. A copy of this information must be provided to all personnel that would have a potential to be involved in land-disturbing activities at the site.

Organization	Contact	Telephone Number
Mississippi Department of Archives and History - SHPO	Mr. Jim Woodrick	(601) 576-6940
Alabama-Coushatta Tribe of Texas	Mr. Bryant Celestine	(936) 563-1282
Choctaw Nation of Oklahoma	Mr. Terry Cole	(800) 522-6170 x2137
Kialegee Tribal Town	Mekko Jennie Lillard	(405) 452-5200
Mississippi Band of Choctaw Indians	Mr. Ken Carleton	(601) 650-7316
Seminole Tribe of Florida	Mr. Willard Steele	(863) 902-1113 x103
Tunica-Biloxi Indians of Louisiana	Mr. Earl Barbry, Jr.	(318) 253-0213 x6851

4.7 LOCAL GOVERNMENT/PUBLIC NOTICE

The Lowndes County Board of Supervisors and Columbus and Lowndes County Historical Society were contacted regarding the proposed wireless communications tower via letters dated October 6, 2009. No response was received from Lowndes County Board of Supervisors or Columbus and Lowndes County Historical Society as of the date of this report. A public notice was published in *Commercial Dispatch* on October 8, 2009 requesting comment regarding potential impacts to historical or archaeological properties by the proposed wireless communications tower. No comments have been received as of the date of this report in response to the public notice. Copies of the correspondence to Lowndes County Board of Supervisors and Columbus and Lowndes County Historical Society and a copy of the public notice are included in Appendix J.

5.0 FLOODPLAIN INFORMATION

According to the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 150 of 175, Lowndes County, Mississippi and Incorporated Areas" effective date September 7, 1998, the site is located in Zone X (no shading) which is described as areas outside the 0.2% annual chance floodplain. Therefore, the site is not located within a floodplain. It should be noted that the towers that comprise the MSWIN system are considered critical facilities and project design requirements include that the communications equipment at each facility be elevated at least five feet above the 500-year flood elevation (where mapped). In areas where the 500-year floodplain is



not mapped, the equipment will be elevated a minimum of five feet above the 100-year base flood elevation. The FIRM depicting the site location does not include areas of 500-year flood; therefore, it is our understanding that the support equipment at this facility will be elevated at least five feet above the 100-year base flood elevation. The portion of the FEMA FIRM depicting the site is included as Figure 8.

6.0 WETLANDS AND SENSITIVE VEGETATION DELINEATION

Information on the USFWS National Wetland Inventory Internet website was reviewed to determine if any wetlands were delineated on or near the site. Based on a review of information available on this website, the site is mapped within a jurisdictional wetland. A copy of a portion of the Digital National Wetlands Inventory map containing the site has been included as Figure 9.

In addition, a site reconnaissance which included observations to determine if the subject site or immediately adjacent property contained any jurisdictional wetlands (as defined by the United States Army Corps of Engineers) was conducted on September 30, 2009 by Environmental Engineers, Inc. Potential jurisdictional wetland indicators (associated with the intermittent stream crossed by the proposed access road) were noted on the site at the time of our site reconnaissance. Therefore, test pits were excavated on each side of the intermittent stream to be crossed by the access road as well as at the end of each guy anchor location. The total acreage of wetlands to be affected by the proposed project is 0.001 acres in the proposed access road.

Information regarding the proposed project was submitted to the Department of the Army Corps of Engineers for review. The Department of the Army responded via letter dated April 1, 2010 stating “Based upon the information and plans you provided, we hereby verify that the work described above, which would be performed in accordance with the enclosed drawings, is authorized by Nationwide Permit (NWP) No. 14, Linear Transportation Crossings in accordance with 33 CFR Part 330 of our regulations.” It is our understanding that no compensatory mitigation requirements are necessary for the proposed project. Copies of the correspondence submitted to and response from the Department of the Army are included as Appendix K. It should be noted that radiofrequency (RF) requirements and airspace restrictions excluded properties to the north, south, and west of the Proposed Action, and property to the east encroaches on the RF propagation for another tower site.

7.0 PRIME FARMLAND

From the United States Department of Agriculture Natural Resource Conservation Service (NRCS) Internet website:

The National Agricultural Land Study of 1980-81 found that millions of acres of farmland were being converted in the United States each year. The 1981 Congressional report, Compact Cities: Energy-Saving Strategies for the Eighties, identified the need for Congress to implement programs and policies to protect farmland and combat urban sprawl and the waste of energy and resources that accompanies sprawling development.

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Proposed MSWIN 20503 Crawford Wireless Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921*



The Compact Cities report indicated that much of the sprawl was the result of programs funded by the Federal Government. With this in mind, Congress passed the Agriculture and Food Act of 1981 (Public Law 97-98) containing the Farmland Protection Policy Act (FPPA)—Subtitle I of Title XV, Section 1539-1549. The final rules and regulations were published in the Federal Register on June 17, 1994.

The FPPA is intended to minimize the impact Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. It assures that—to the extent possible—Federal programs are administered to be compatible with state, local units of government, and private programs and policies to protect farmland. Federal agencies are required to develop and review their policies and procedures to implement the FPPA every two years.

For the purpose of FPPA, farmland includes prime farmland, unique farmland, and land of statewide or local importance. Farmland subject to FPPA requirements does not have to be currently used for cropland. It can be forest land, pastureland, cropland, or other land, but not water or urban built-up land.

According to the USDA's Soil Survey of Lowndes County, Mississippi, issued September 1979, soils located in the lease area and portions of the guy anchor easements are classified as Vaiden silty clay, two to five percent slopes, eroded; the remainder of guy anchor easement soils are classified as Demopolis-Binnsville complex, two to eight percent slopes, eroded; and the majority of the proposed access road soils are classified as Griffith silty clay.

Vaiden silty clay, two to five percent slopes, eroded is a somewhat poorly-drained soil on uplands. Typically, the surface layer is dark brown silty clay about five inches thick. The upper part of the subsoil, to a depth of about 12 inches, is yellowish-brown clay mottled in shades of red and gray. The lower part, to a depth of 23 inches, is clay mottled in shades of brown, gray, and red. This is underlain to a depth of 39 inches by clay mottled in shades of gray and brown, to a depth of 60 inches by light olive-brown clay mottled in shades of gray and brown, and to a depth of 76 inches by clay mottled in shades of gray, brown, and olive.

Demopolis-Binnsville complex, two to eight percent slopes, eroded consists of upland soils in the Blackland Prairies. The surface layer of Demopolis soils is typically dark grayish-brown silty clay loam about seven inches thick. It is underlain by weakly consolidated fragments of chalk to a depth of about 12 inches and light gray chalk to a depth of 40 inches or more. The surface layer of Binnsville soils is typically very dark grayish-brown silty clay loam about 11 inches thick. This is underlain to a depth of about 40 inches by light gray chalk.

Griffith silty clay is a moderately well-drained, nearly level soil on flood plains. Typically, the surface layer extends to a depth of about 41 inches. It is about seven inches of very dark gray silty clay and 34 inches of very dark grayish-brown clay. It is mottled in the lower 14 inches. This is underlain to a depth of 65 inches by dark gray clay mottled in shades of brown.



EEI submitted information regarding the proposed project to the USDA NRCS office in Jackson, Mississippi via letter dated October 20, 2009. The NRCS responded via letter dated November 4, 2009 stating “Permanent conversion of farm land is not proposed; therefore a FPPA determination is not required.” We have included copies of the correspondence to and from the NRCS as Appendix L.

8.0 LIGHTING

The proposed tower will not be equipped with high intensity white lighting.

9.0 RADIO FREQUENCY RADIATION

It is our understanding that the proposed antenna should comply with FCC requirements for RF related emissions established in 47 CFR Section 1.1307 provided that the antennas are mounted such that the height above ground level for the lowest point of the antennas is at least 10 meters.

10.0 ADDITIONAL ENVIRONMENTAL EVALUATION

10.1 NATIONAL SCENIC AND HISTORIC TRAILS

The proposed project will not impact national scenic or historic trails. No national scenic or historic trails are located in Lowndes County, Mississippi. Maps showing National Scenic Trails and All-American Roads in Mississippi are included in Appendix M.

10.2 NATIONAL WILD AND SCENIC RIVERS

A review of information available through the Rivers.gov Internet website indicates that one Wild and Scenic River is located in Mississippi. This Wild and Scenic River is a section of Black Creek located in the DeSoto National Forest in southeastern Mississippi. The proposed communications facility will not have an adverse affect on any designated Wild and Scenic River. Information regarding the Black Creek Wild and Scenic River is included as Appendix N.

11.0 CUMULATIVE IMPACTS

Cumulative impacts are an incremental impact on either the natural environment or human environment by an action when added to past and anticipated future actions. No ongoing or proposed actions are known for the project area. As described in Section 1.0 of this document, the proposed tower is designed to allow collocation of up to three additional cellular-type service providers, thereby potentially reducing cumulative impacts.



12.0 PUBLIC PARTICIPATION

12.1 LOCAL GOVERNMENT

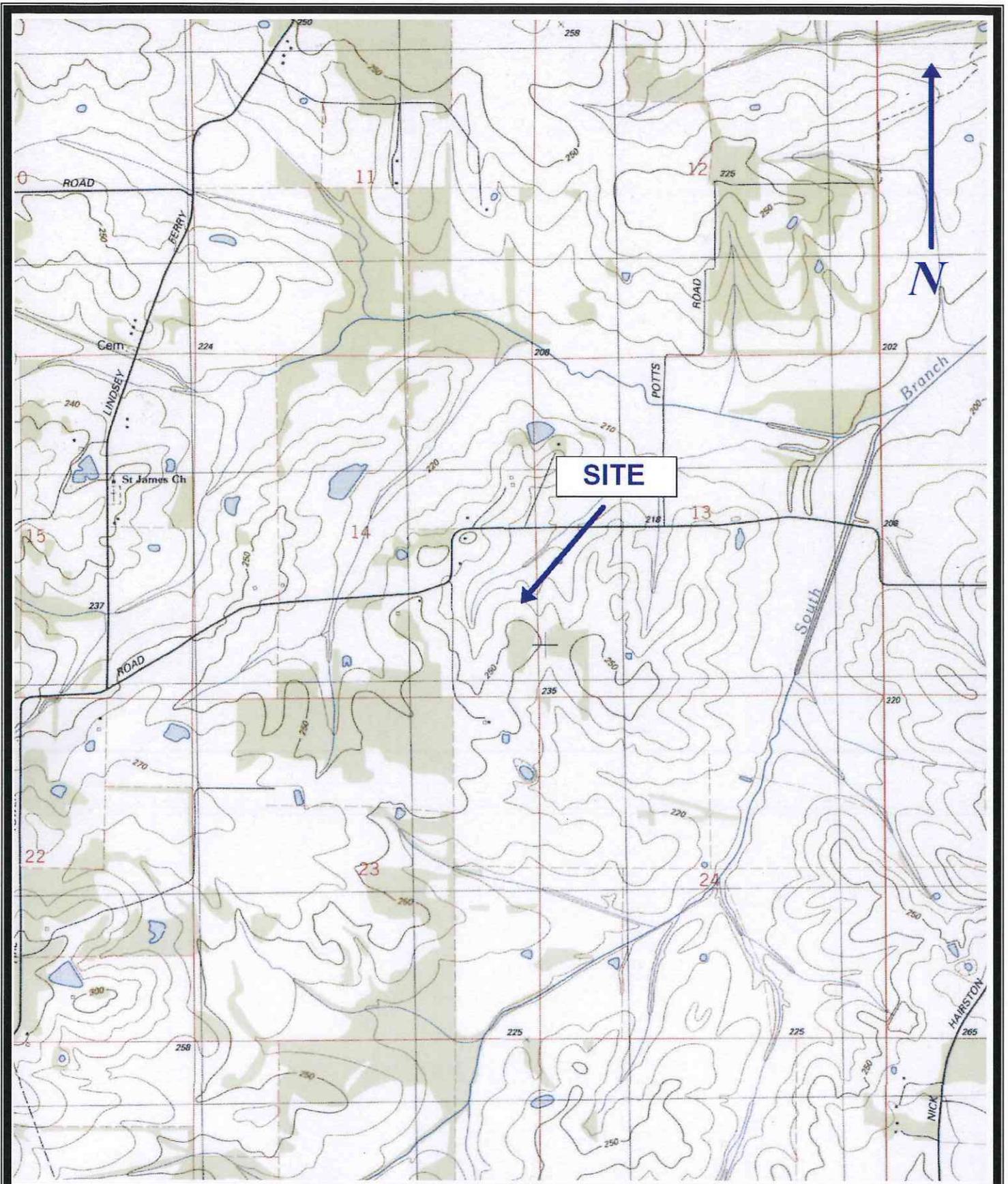
The Lowndes County Board of Supervisors and Columbus and Lowndes County Historical Society were contacted regarding the proposed wireless communications tower via letters dated October 6, 2009. No response was received from Lowndes County Board of Supervisors or Columbus and Lowndes County Historical Society as of the date of this report.

12.2 PUBLIC NOTICE

A public notice was published in *Commercial Dispatch* on October 8, 2009 requesting comment regarding potential impacts to historical or archaeological properties by the proposed wireless communications tower. No comments have been received as of the date of this report in response to the public notice. In addition, notice of availability of this draft Environmental Assessment will be published in *The Clarion Ledger*.



Figures

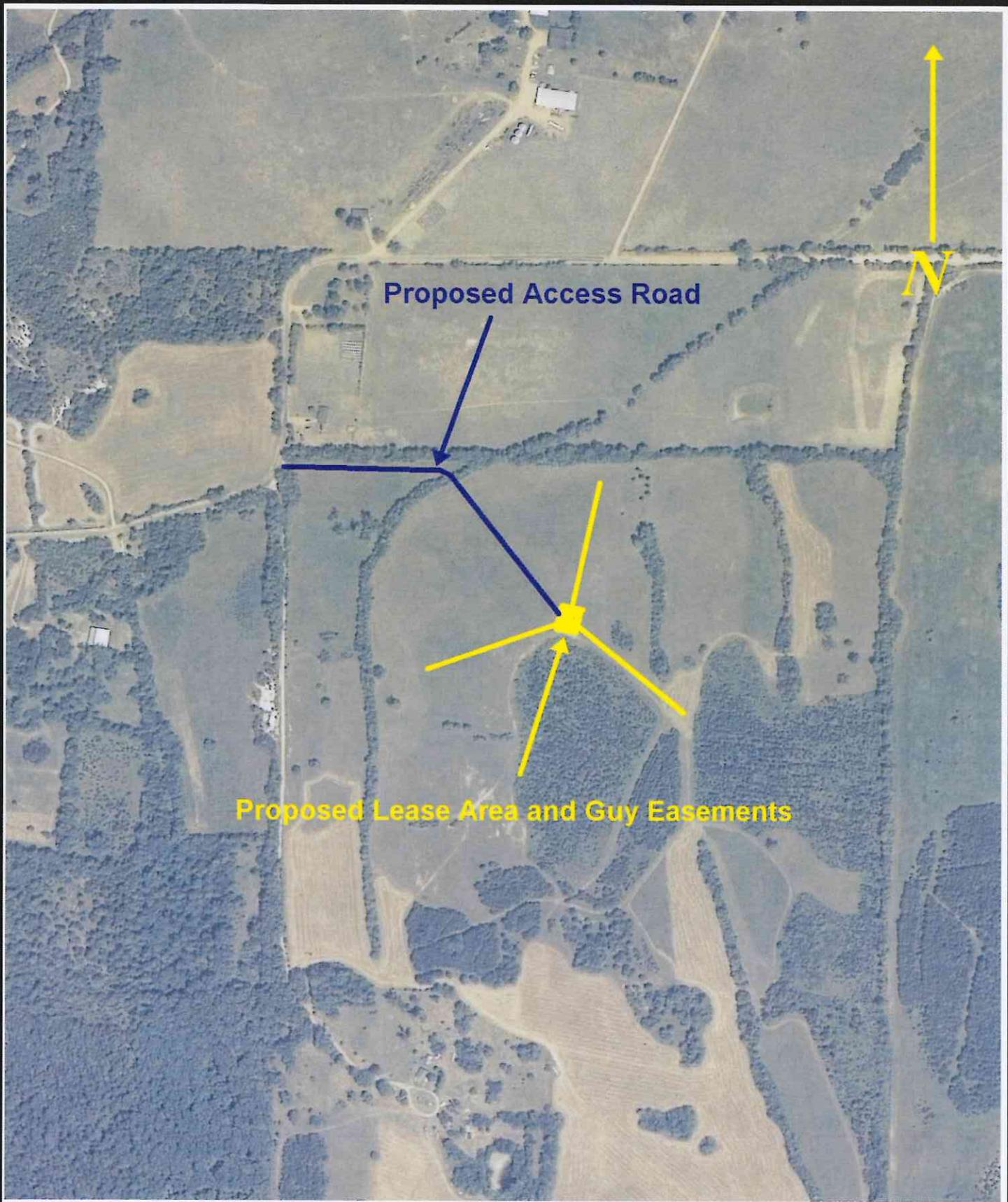


Environmental Engineers, Inc.

Subject:
 Draft Environmental Assessment
 Proposed MSWIN 20503 C Crawford Communications Tower
 Crawford, Lowndes County, Mississippi
 Project No.: JSE01P0921

Figure 1
 Site Location Map
 Scale: 1" = 2,000'





Proposed Access Road

Proposed Lease Area and Guy Easements

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Project No.: JSE01P0921

Figure 2
2007 Aerial Photograph

Scale: 1" = 500'





View from the center of the site toward the north.



View from the center of the site toward the east.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Project No.: JSE01P0921

Figure 3
Site Photographs





View from the center of the site toward the south.



View from the center of the site toward the west.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Project No.: JSE01P0921

Figure 4
Site Photographs





View from the proposed site access entrance looking east along the proposed access road.



View from the turn in the proposed site access road looking toward the site.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
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Figure 5
Site Photographs





View of the stream crossing the curve in the proposed access road.



View from the proposed northern guy anchor looking toward the site.

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Crawford, Lowndes County, Mississippi
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Figure 6
Site Photographs





View from the proposed southeastern guy anchor looking toward the site.



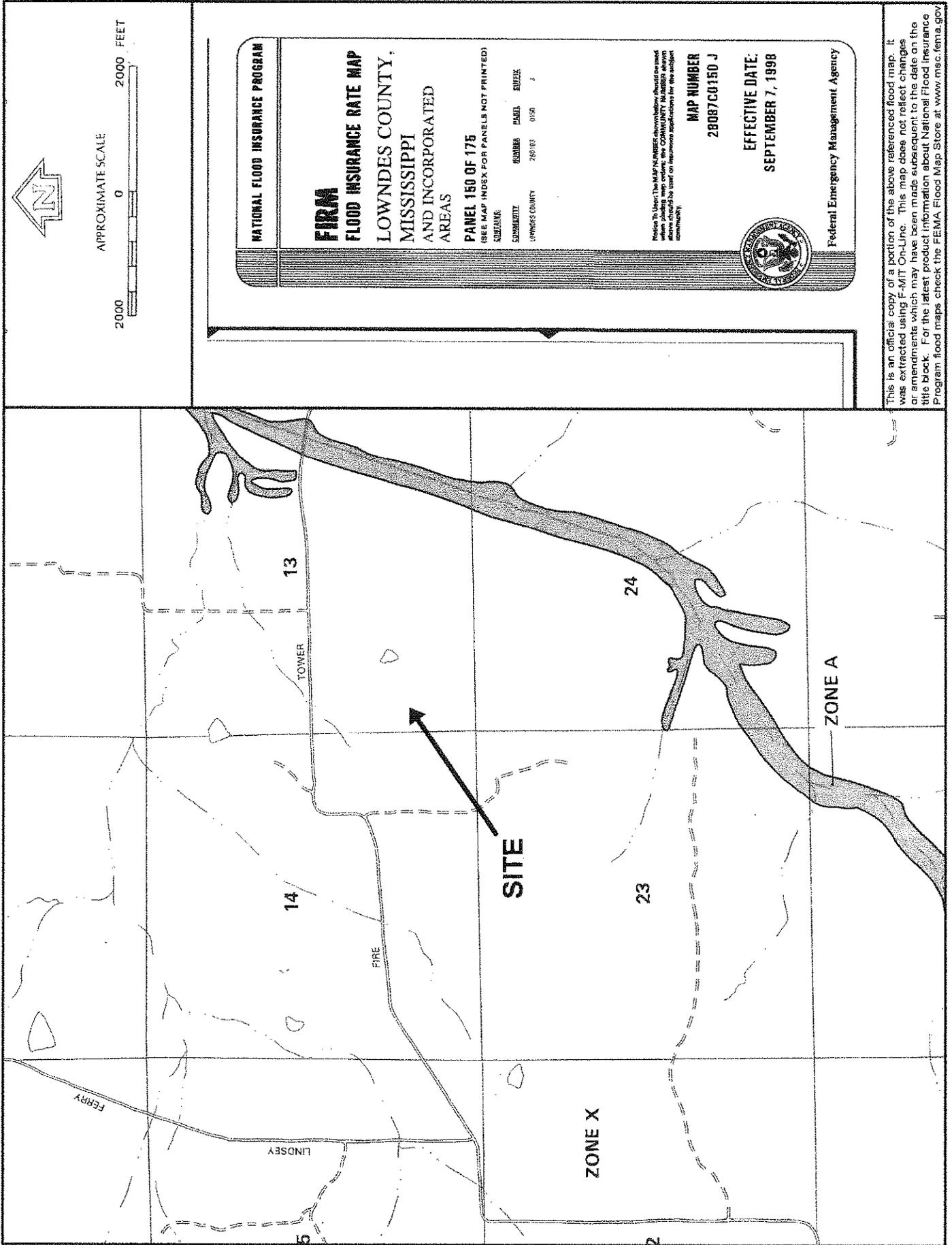
View from the proposed southwestern guy anchor looking toward the site.

Environmental Engineers, Inc.

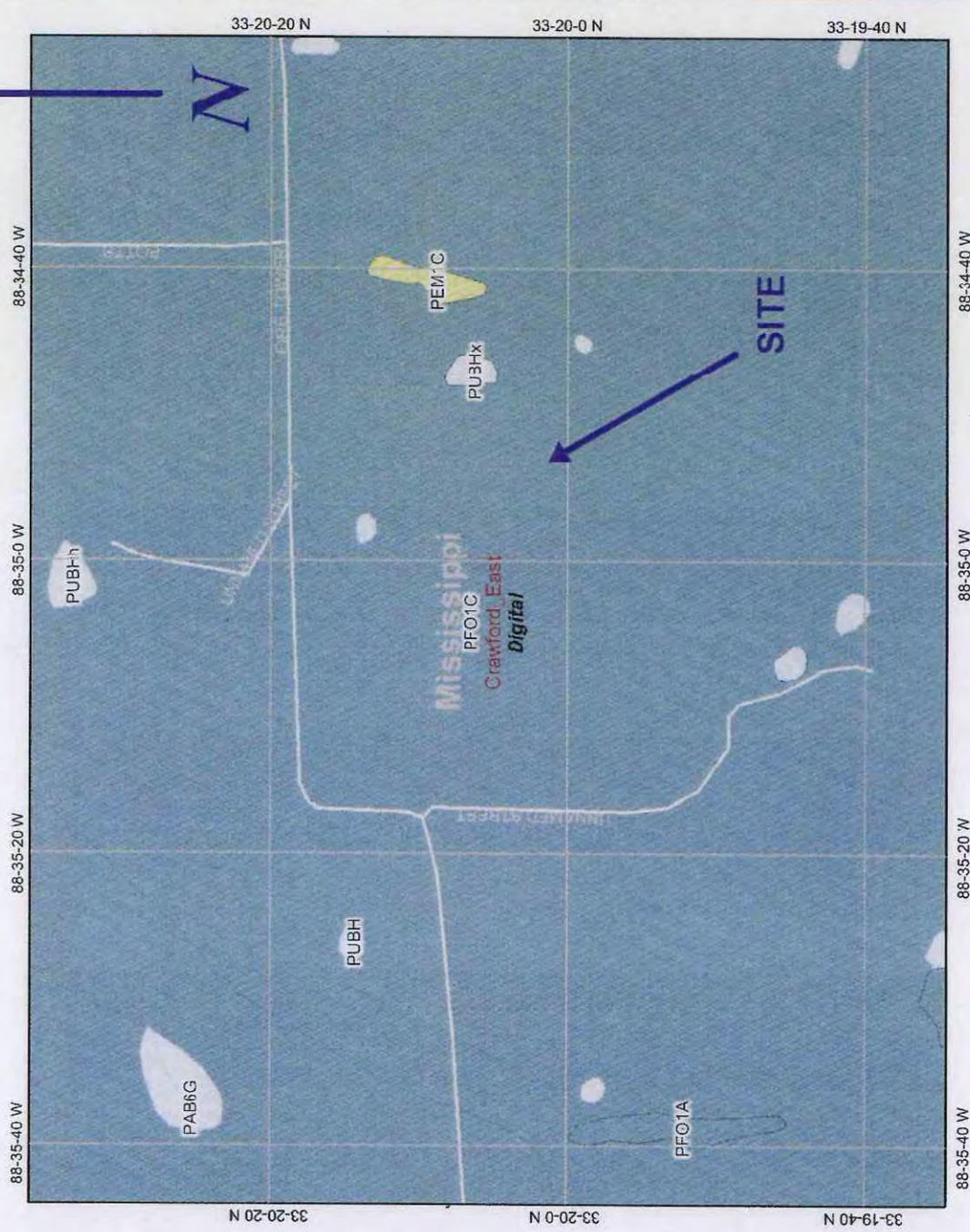
Subject:
Draft Environmental Assessment
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Project No.: JSE01P0921

Figure 7
Site Photographs





MSWIN 20503C Crawford, MS



Map center: 33° 20' 5" N, 88° 35' 4" W

Notes: Proposed MSWIN 20503C Tower
Crawford, Lowndes County, MS
JSE01P0921

This map is a user generated static output from an internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



Legend

- Oh_o_wet_scan
 - 0
 - 1
- Out of range
- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons
 - Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Other
 - Riverine
- Lower 48 Available Wetland Data
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 - Digital
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 - Scan
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- Counties 100K
- States 100K
- South America
- North America

Scale: 1:13,302

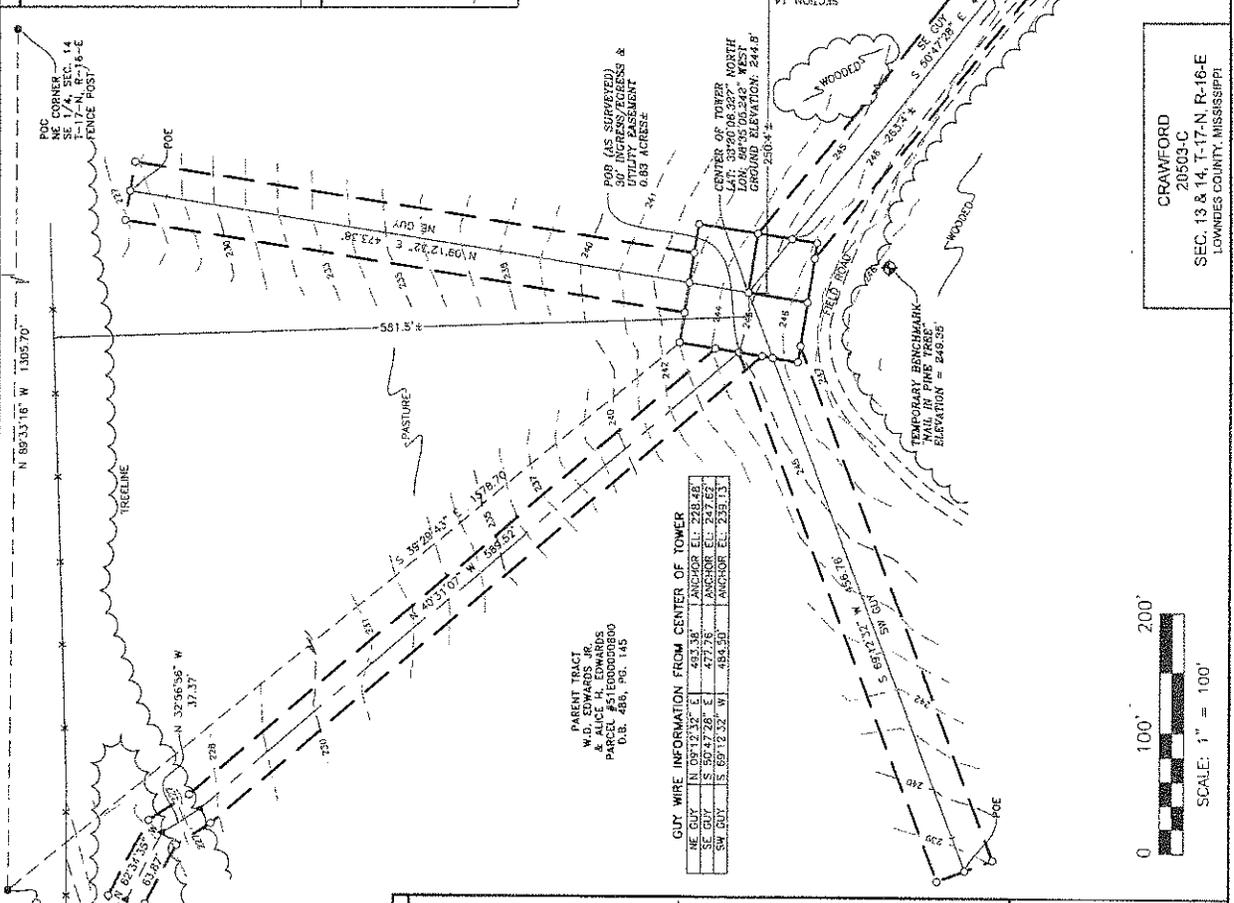
Appendix A

LEGEND

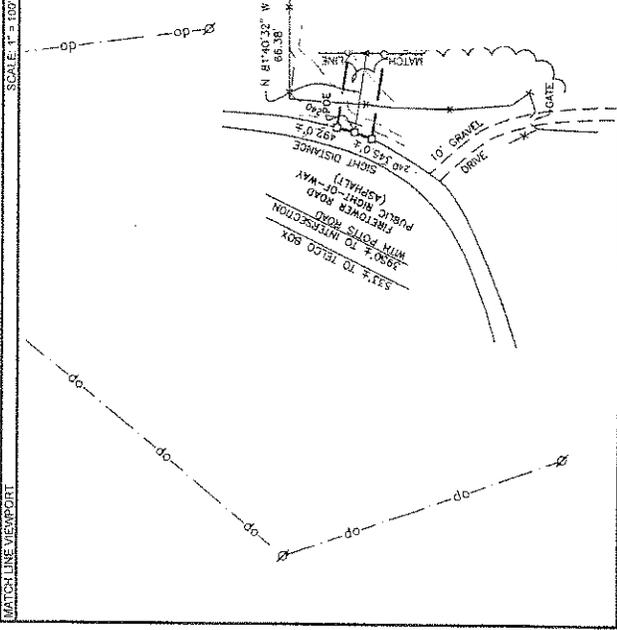
- = 5/8" CAPPED REBAR SET (SMW LS 02859)
- = FOUND PROPERTY MARKER
- = SET PK MAIL
- POB = POINT OF BEGINNING
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- (R) = RECORDED INFORMATION
- ⊙ = POWER POLE
- ⊕ = GUY ANCHOR
- ⊞ = POWER BOX
- ⊠ = TELEPHONE PEDESTAL
- = RIGHT-OF-WAY
- = OVERHEAD POWER

VICINITY MAP

NOT TO SCALE



CRAWFORD
 20503-C
 SEC. 13 & 14, T-17-N, R-16-E
 LOWNDEN COUNTY, MISSISSIPPI



TOWER INFO

TOWER TYPE
 60' GUYED @ 80%

GRID TO TRUE NORTH CONVERGENCE
 0.08"

TRUE NORTH TO MAGNETIC DECLINATION
 0.41° W

GPS SCALE FACTOR
 0.999555598

TOWER INFO

COORDINATES
 LATITUDE: 33°20'06.327"
 LONGITUDE: 88°35'05.242"
 GROUND ELEVATION: 244.6' ABOVE MEAN SEA LEVEL (NAVD88)

SITE ADDRESS
 3171 FIRETOWER ROAD
 CRAWFORD, MS 39743

NO.	REVISION	DATE	BY
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PROJECT NO.
09-0338

DRAWN BY: KRL
CHECKED BY: JMS
DATE: 08/19/09
APPROVED BY: JMS
SCALE: AS SHOWN
SHEET 3 OF 3

ENVIRONMENTAL ENGINEERS
11978 U.S. HIGHWAY 411
COLUMBIA, MISSISSIPPI 39206
FOR: RAWLAND TOWER SURVEY

SWM Engineering Group, Inc.
1500 Woods of Riverchase Drive
Suite 100
Hoover, Alabama 35224
205-968-8888
www.swmeng.com

CRAWFORD
205034-C
SEC. 13 & 14, T-17-N, R-16-E
LOWNDES COUNTY, MISSISSIPPI

SURVEYOR'S NOTES
1. This is a Standard Tower Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field work is shown on the plat, 2/2009.
2. The following surveying instruments were used at time of field work: Nikon NPL-352, Total Station, Reflectors and Hiper-+ Legacy E RTK, 0.1HZ.
3. Bearings are based on Mississippi East State Plane Coordinates NAD 83 by GPS observation.
4. Bearings are based on Mississippi East State Plane Coordinates NAD 83 by GPS observation.
5. Benchmark used is a concrete monument and brass disc, NAD 83 datum with an established elevation of 360 feet, (109.8 meters), PID (N1876). On-site benchmark is as shown hereon. Elevations shown are in feet and refer to NAD 83.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory boundary of the land. The regulatory local agency, board, commission or other similar entity, should be consulted for this purpose. Attention is directed to the fact that the survey data may have been reduced or changed in size due to reproduction. This should be taken into consideration when obtaining scaled data.
7. This survey was conducted without the benefit of an Abstract Title search.
8. Surveyor hereby states the Geographic Coordinates and the elevation shown for the proposed centerline of the tower are accurate within 1/5 feet horizontally and to within 1/3 feet vertically (FAA Accuracy Code 1A).
9. Surveyor hereby states the survey was conducted in accordance with the provisions of the Mississippi Surveyor's Code, Title 15, Chapter 15-1, Section 15-1-1, Field data upon which this map or plat is based has been determined to be correct within the limits of 1/5,000 (1:15,000) and an angular error that does not exceed 10 seconds times the square root of the number of angles measured. Field traverse was not adjusted.
10. The survey is not valid without the original signature and the original seal of a state licensed surveyor and napper.
11. The survey is not valid without the original signature and the original seal of a state licensed surveyor and napper.
12. The survey is not valid without the original signature and the original seal of a state licensed surveyor and napper.
13. The survey is not valid without the original signature and the original seal of a state licensed surveyor and napper.
14. No zoning is required for this site per the SGP package provided by client.

SURVEYOR'S CERTIFICATE
I, WILLIAM H. SOMMERVILLE, DO HEREBY CERTIFY TO FEDERAL AVIATION ADMINISTRATION, STEVEN TITLE CURRENTLY COMPANY, THE STATE OF MISSISSIPPI AND TOWNSHIP OF MISSISSIPPI, L.L.C. THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY PERSONAL SUPERVISION AND THAT THIS SURVEY IS TRUE, CORRECT, AND ACCURATE REPRESENTATION OF THE FACTS AS FOUND AT THE TIME OF THE SURVEY, AND MORE SPECIFICALLY, I SO HEREBY CERTIFY THAT THE SURVEY CONFORMS TO THE CONDITIONS AND SPECIFICATIONS AS CHECKED (X) BELOW.
(X) 1. The boundary lines and dimensions of the Lease Parcel and Access and Utilities Easements ("Easement") indicated hereon is correct.
(X) 2. To the extent the Lease Parcel and Easement indicated hereon is part of a parent parcel, such Lease Parcel and Easement are located within the boundaries of the record title land, and the location of the boundaries of the parent tract is illustrated on the inset shown hereon.
(X) 3. Capped iron pins are set at each Lease Parcel corner unless otherwise indicated hereon.
(X) 4. The distance from the nearest intersecting public street or road is as shown hereon.
(X) 5. Correctly shows the location and dimension of all alleys, streets, roads, rights-of-way, easements and other matters of record which the surveyor has been advised affects the Lease Parcel and Easement (such has been identified by instrument volume and page number if available).
(X) 6. Except as shown, there are no visible easements, rights-of-way, party walls or conflicts affecting the Lease Parcel and Easement. Further, this survey is not subject to any easements or rights-of-way not visible on the ground.
(X) 7. The location of all buildings, structures and other improvements of visible items affecting the Lease Parcel and Easement, if shown hereon, are shown as they exist in nature, or as shown in nature, except that the Lease Parcel and Easement are entirely separated within the boundaries of the parent parcel, as shown on the inset.
(X) 8. Except as shown, there are no visible protrusions on adjoining premises, streets or alleys by any building, structure or other improvements situated on the Lease Parcel and Easement.
(X) 9. Except as shown, there are no visible encroachments onto the Lease Parcel and Easement by any building, structure or other improvements situated on adjoining premises.
(X) 10. By graphic plotting only, the subject property lies in Zone "C" of the Flood Insurance Rate Map, Community Flood No. 28087C0350, which bears an effective date of September 7, 1998 and is NOT in a special flood hazard area.
(X) 11. Correctly describes and shows the location of all public streets and roads visibly providing access to and from the subject property, and correctly sets forth the municipal address of the subject property.
(X) 12. Correctly depicts the horizontal and longitudinal coordinates of the tower(s), location(s), to the nearest tenth of a second, the elevation above mean sea level of the base and tip of each tower, plus or minus 20 feet, the elevation of the top of each tower as measured from ground level, and additionally, the elevation of the tip of the highest appearance on the tower as measured from ground level, if such appearance is higher in elevation than the highest point of the tower structure itself, to the nearest foot, on the survey drawing and on a separate 6 1/2 X 11 certified letterhead.
(X) 13. Survey of the Lease Parcel and Easement meets or exceeds the minimum technical standards for Land Boundary surveys set forth by Mississippi State Law.
(X) 14. If the survey is developed electronically (CAD File), it is essential that a disk be provided/spent with the survey.

William H. Sommerville, Jr.
Mississippi License No. 02859

PARENT TRACT LEGAL DESCRIPTION (DEED BOOK 486 AT PAGE 145)
That part of Sections 13, 14, 23 and 24, in Township 17 North, Range 16 East, more particularly described as follows, to-wit: Commencing at a stake at the Southwest corner of the East Half of the Northwest Quarter of Section 14, Township 17 North, Range 16 East, and running thence North 89 chains and 54 links; thence East 16 links; thence South 42 chains and 80 links; thence East 127 chains and 93 links; thence South 28 chains and 75 links; thence West 30 chains and 18 links to the point of beginning, containing 298 acres, more or less, and being known as the Doty Place.
100' X 100' LEASE AREA (AS SURVEYED)
A parcel of land being a portion of that certain tract of land as described in Deed Book 486 of Page 145, as recorded in the Office of the Chancery Clerk for Lowndes County, Mississippi, lying in Section 14, Township 17 North, Range 16 East and being more particularly described as follows:
Commence at a wooden fence post found in place at the Northeast corner of the Southwest 1/4 of Section 14, Township 17 North, Range 16 East, thence run N 89°33'16" W a distance of 1305.70 feet to a found 5/8" iron rod; thence S 39°29'43" E a distance of 1578.70 feet to a 5/8" capped rebar set (SWM LS 02859); thence S 80°47'28" E a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence S 09°12'32" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence N 80°47'28" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence N 09°12'32" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence S 80°47'28" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence S 09°12'32" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence N 80°47'28" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); thence N 09°12'32" W a distance of 100.00 feet to a 5/8" capped rebar set (SWM LS 02859); 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Appendix B

Home > Maps, Data, and Images > Maps > GIS Map

U.S. National Wilderness Preservation System Map

Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to give us feedback on our map?

Print/View/Download:

Zoom: U.S. State Wilderness

On/Off: Wilderness Names

Key: BLM FWS FS NPS



Latitude/longitude: 31.0299897, -89.021530

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital

geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas are now pictured on Wilderness.net's maps. You can also [view a list of all areas affected by Public Law 111-11](#) with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. Read about the [history of wilderness mapping](#).



Feedback Analytics

Black Creek Wilderness Fact Sheet

General

The United States Congress designated the Black Creek Wilderness in 1984 and it now has a total of 5,052 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

The Black Creek Wilderness is located in the gulf coastal plains of southern Mississippi. Most of this Wilderness, the state's largest, lies in the broad valley of Black Creek, stained a deep caramel color by the tannic acid of decaying vegetation. The creek is Mississippi's only designated Wild and Scenic River (for 21 miles) with the emphasis exclusively on scenic. It bisects the Wilderness, creating a hardwood floodplain of oxbow lakes and thick stands of sweet gum, sweet bay, red maple, oak, pine, and bald cypress. The 5- to 20-foot banks offer plenty of white sandbars suitable for camping or a picnic. You may want to float the meandering creek leisurely paddling your canoe. If the water level is running low, keep an eye out for logs.

The Black Creek National Recreation Trail (open only to foot traffic) runs about 41 miles along the drainage of Black Creek, with about 10 miles within the Wilderness. Here you'll be on a part of the Lower Coastal Plain: piney woods growing over low rolling hills with a few moderate ridges. The relatively flat terrain rises 100 feet on Black Creek itself to only 270 feet on nearby uplands.

Bass and panfish attract anglers, and hunters come in their season, mostly for deer. On many days you'll see no evidence that a human has ever stepped foot in the Wilderness or dipped a canoe paddle into Black Creek.

Area Management

The Black Creek Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Black

Creek Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- AREA CLOSURE

- THE FOLLOWING ACTS ARE PROHIBITED: 1. STORING EQUIPMENT, PERSONAL PROPERTY, OR SUPPLIES. 2. DISPOSING OF DEBRIS GARBAGE, OR OTHER WASTE. 3. POSSESSING OR USING A WAGON, CART, OR OTHER VEHICLE. 4. OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN BLACK CREEK RIVER. 5. POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.
- MAXIMUM LENGTH OF STAY : 30 DAYS
 - CAMPING FOR A PERIOD LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS IS PROHIBITED. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

Contacts

De Soto Ranger District

PO BOX 248

654 WEST FRONTAGE ROAD

WIGGINS, MS 39577

Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Phone: 601-928-6160

Links to Other Websites

<http://www.southernregion.fs.fed.us/mississippi/desoto/> -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results> -- National, Regional and Local Wilderness Organizations (NGOs)

A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results> -- Career and Volunteer Opportunities

A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
 - Know the regulations and special concerns for the area you'll visit.
 - Prepare for extreme weather, hazards, and emergencies.
 - Schedule your trip to avoid times of high use.
 - Visit in small groups. Split larger parties into groups of 4-6.
 - Repackage food to minimize waste.
 - Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
 - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
 - Protect riparian areas by camping at least 200 feet from lakes and streams.
 - Good campsites are found, not made. Altering a site is not necessary.
 - In popular areas:
 - Concentrate use on existing trails and campsites.
 - Walk single file in the middle of the trail, even when wet or muddy.
 - Keep campsites small. Focus activity in areas where vegetation is absent.
 - In pristine areas:
 - Disperse use to prevent the creation of campsites and trails.
 - Avoid places where impacts are just beginning.
- Dispose of Waste Properly
 - Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
 - Deposit solid human waste in catholes dug 6 to 8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
 - Pack out toilet paper and hygiene products.
 - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
 - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
 - Leave rocks, plants and other natural objects as you find them.
 - Avoid introducing or transporting non-native species.
 - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
 - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for

cooking and enjoy a candle lantern for light.

- Where fires are permitted, use established fire rings, fire pans, or mound fires.
- Keep fires small. Only use sticks from the ground that can be broken by hand.
- Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife
 - Observe wildlife from a distance. Do not follow or approach them.
 - Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
 - Protect wildlife and your food by storing rations and trash securely.
 - Control pets at all times, or leave them at home.
 - Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.
- Be Considerate of Other Visitors
 - Respect other visitors and protect the quality of their experience.
 - Be courteous. Yield to other users on the trail.
 - Step to the downhill side of the trail when encountering pack stock.
 - Take breaks and camp away from trails and other visitors.
 - Let nature's sounds prevail. Avoid loud voices and noises.

The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: <http://www.lnt.org/programs/lnt7/index.html>.

General Equipment List

The following is a general list of the types of equipment recommended for backcountry travel. You will want to modify this list accordingly for the climate in which you will be traveling. For example, if you are traveling in cold, high-mountain country you will may want to pack additional cold-weather clothing or mountaineering gear. Additionally, if you plan hunt, fish, canoe etc. in wilderness, you will want to pack additional gear needed for such activities.

- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
 - Hiking boots (broken in and waterproofed)

- Socks (wool and liner)
- Jacket/sweater
- Rain gear
- Hat and/or stocking cap
- Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)
- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=54>



Feedback Analytics

Aleutian Islands Wilderness, Alaska

Visit our mobile website: <http://m.wilderness.net>

Keywords: Search



- Home Wilderness
- Wilderness Stewardship
- Types of Wilderness
- News
- Education
- Find a Wilderness
- Maps, Data and Images
- Maps

Home > Maps, Data, and Images > Maps > GIS Map

Share

U.S. National Wilderness Preservation System Map Text size: A | A | A [Print]

Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to give us feedback on our map?

Print/View/Download:

Zoom: U.S. State Wilderness

On/Off: Wilderness Names

Key: BLM FWS FS NPS



Map data ©2010 Google

Latitude/longitude: 31.0410213, -88.797169

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas

are now pictured on Wilderness.net's maps. You can also [view a list of all areas affected by Public Law 111-11](#) with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. [Read about the history of wilderness mapping.](#)

[About Us](#)      [Montana](#) | [Site Map](#) | [Contact Us](#) | [Wilderness.net policies](#)



Feedback Analytics

Leaf Wilderness Fact Sheet

General

The United States Congress designated the Leaf Wilderness in 1984 and it now has a total of 994 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

South Mississippi's tiny Leaf Wilderness lies almost entirely on the floodplain of the east-flowing Leaf River, just north of Black Creek Wilderness. Except for a little western upland, the entire Wilderness consists of meandering sloughs, oxbow lakes, and level terrain of spruce-pine forest or oak-gum-cypress river bottom. Loblolly and shortleaf pines shade the upland, with a dense understory of dogwood, redbud, persimmon, blueberries, and honeysuckle. The only threatening shrub is poison oak, which always seems to find a way to make contact with exposed skin. The 1.5 mile Leaf Trail, one of two main attractions in the area, crosses the Wilderness and three bridges and a boardwalk to access this piece of Mississippi, where camping is unrestricted. The other attraction is wildlife, including white-tailed deer and wild turkeys, which bring in hunters during the fall months.

Area Management

The Leaf Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Leaf Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in

specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- CACHING OF EQUIPMENT PROHIBITED
- DISPOSING OF DEBRIS, GARBAGE PROHIBITED
- FIREWORKS PROHIBITED
 - POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE IS PROHIBITED.
- MAXIMUM LENGTH OF STAY : 30 DAYS
 - CAMPING IS PROHIBITED FOR A PERIOD OF LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS UNTIL FURTHER NOTICE. VIOLATION OF THIS

PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

- MECHANICAL PROPULSION DEVICES PROHIBITED
 - OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN THE BLACK CREEK RIVER.
- WAGON, WHEELBARROW, STROLLER, BICYCLE, GAME CART OR OTHER VEHICLE PROHIBITED (WHEELCHAIRS ALLOWED)

Contacts

De Soto Ranger District
PO BOX 248
654 WEST FRONTAGE ROAD
WIGGINS, MS 39577

Phone: 601-928-6160

Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Links to Other Websites

<http://www.southernregion.fs.fed.us/mississippi/desoto/> -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results> -- National, Regional and Local Wilderness Organizations (NGOs)

A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results> -- Career and Volunteer Opportunities

A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
 - Know the regulations and special concerns for the area you'll visit.
 - Prepare for extreme weather, hazards, and emergencies.
 - Schedule your trip to avoid times of high use.

- Visit in small groups. Split larger parties into groups of 4-6.
- Repackage food to minimize waste.
- Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
 - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
 - Protect riparian areas by camping at least 200 feet from lakes and streams.
 - Good campsites are found, not made. Altering a site is not necessary.
 - In popular areas:
 - Concentrate use on existing trails and campsites.
 - Walk single file in the middle of the trail, even when wet or muddy.
 - Keep campsites small. Focus activity in areas where vegetation is absent.
 - In pristine areas:
 - Disperse use to prevent the creation of campsites and trails.
 - Avoid places where impacts are just beginning.
- Dispose of Waste Properly
 - Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
 - Deposit solid human waste in catholes dug 6 to 8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
 - Pack out toilet paper and hygiene products.
 - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
 - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
 - Leave rocks, plants and other natural objects as you find them.
 - Avoid introducing or transporting non-native species.
 - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
 - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for cooking and enjoy a candle lantern for light.
 - Where fires are permitted, use established fire rings, fire pans, or mound fires.
 - Keep fires small. Only use sticks from the ground that can be broken by hand.
 - Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife

- Observe wildlife from a distance. Do not follow or approach them.
- Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
- Protect wildlife and your food by storing rations and trash securely.
- Control pets at all times, or leave them at home.
- Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.
- Be Considerate of Other Visitors
 - Respect other visitors and protect the quality of their experience.
 - Be courteous. Yield to other users on the trail.
 - Step to the downhill side of the trail when encountering pack stock.
 - Take breaks and camp away from trails and other visitors.
 - Let nature's sounds prevail. Avoid loud voices and noises.

The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: <http://www.lnt.org/programs/lnt7/index.html>.

General Equipment List

The following is a general list of the types of equipment recommended for backcountry travel. You will want to modify this list accordingly for the climate in which you will be traveling. For example, if you are traveling in cold, high-mountain country you will may want to pack additional cold-weather clothing or mountaineering gear. Additionally, if you plan hunt, fish, canoe etc. in wilderness, you will want to pack additional gear needed for such activities.

- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
 - Hiking boots (broken in and waterproofed)
 - Socks (wool and liner)
 - Jacket/sweater
 - Rain gear
 - Hat and/or stocking cap
 - Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)

- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=314>

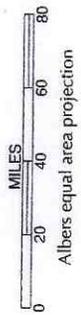


Appendix C

FEDERAL LANDS AND INDIAN RESERVATIONS

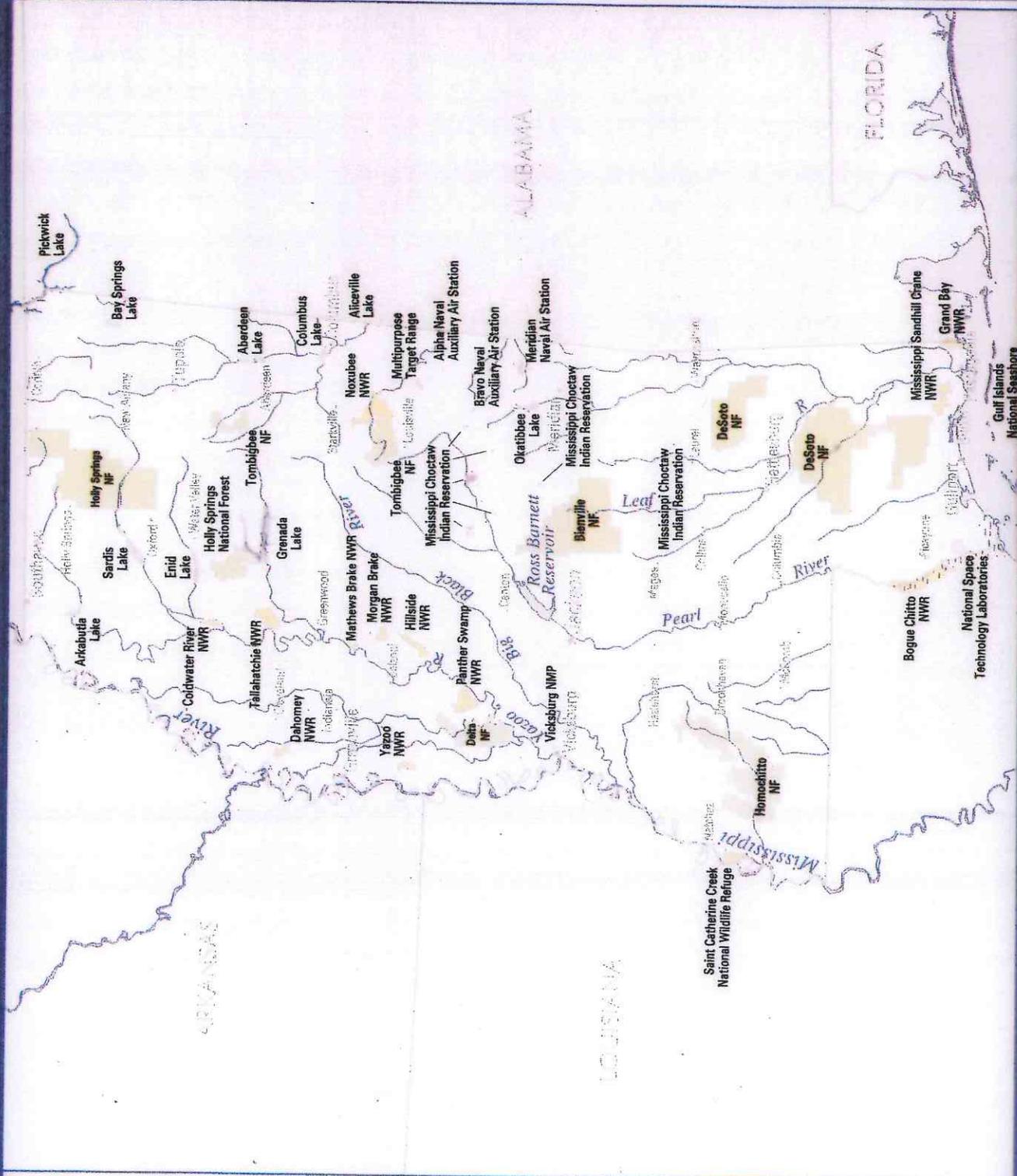
- Bureau of Indian Affairs
- Department of Defense (includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Aeronautics and Space Administration
- National Park Service / Wilderness
- Tennessee Valley Authority

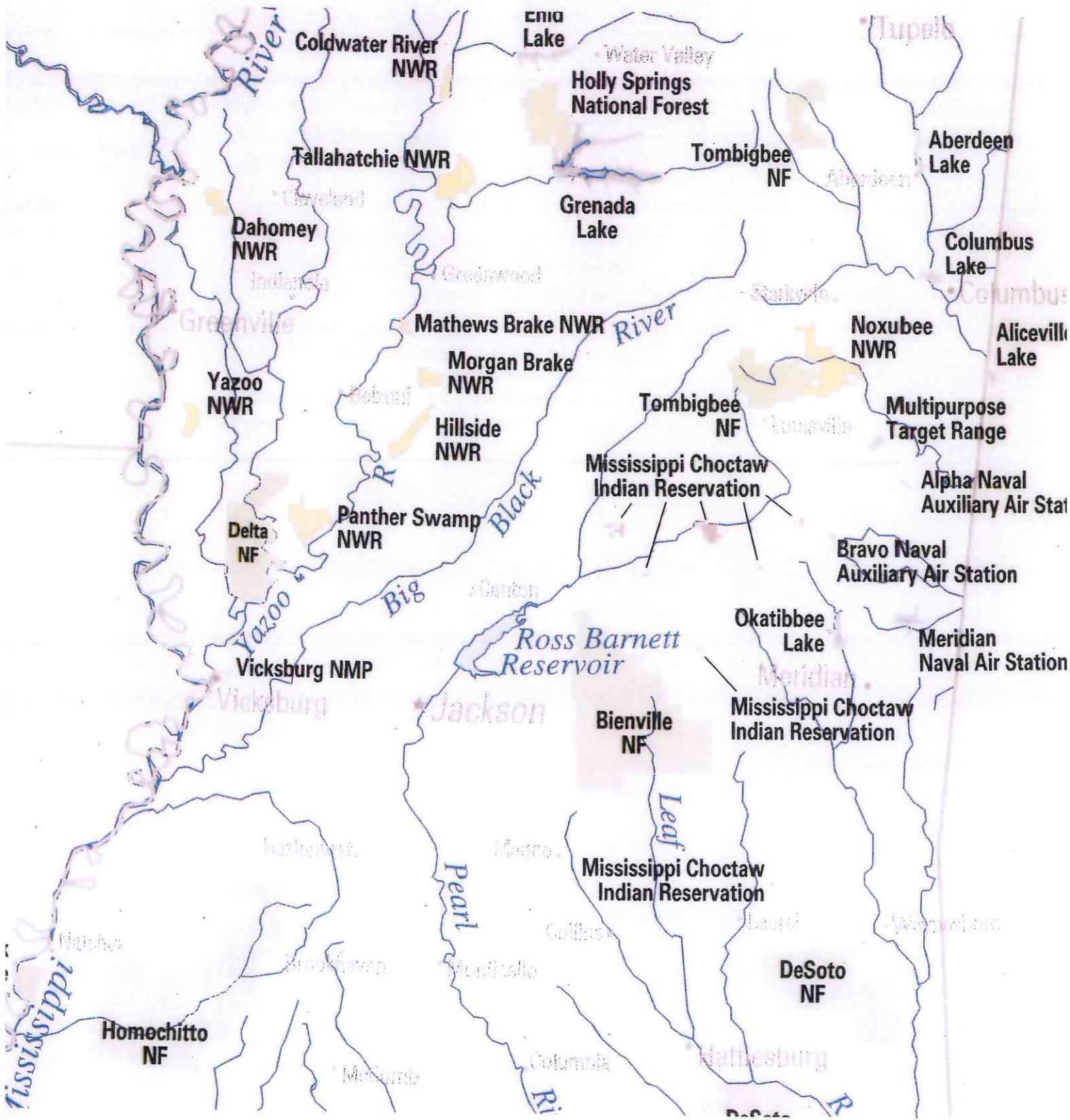
Some small sites are not shown, especially in urban areas.



Abbreviations

- NF National Forest
- NMP National Military Park
- NWR National Wildlife Refuge





Southeast Region

Conserving the Nature of America

- [Refuge Finder](#)
- [Service Finder](#)
- [Office Finder](#)
- [Contact Finder](#)

- [About Southeast Region](#)
- [Climate Change in the SE](#)
- [Connecting People with Nature:](#)
 - [Lets Go Outside](#)
 - [Educators](#)
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 - [Southeastern Currents](#)
- [Fish & Wildlife](#)
 - [Ecological Services](#)
 - [Contaminants](#)
 - [Coastal Program](#)
 - [Partners for FWS](#)
 - [T & E Species: Achieving Recovery and Preventing Extinction](#)
 - [Recovery Program](#)
 - [Aquatic Resources: National Fish Habitat Action Plan](#)
 - [Migratory Birds: Conservation & Management](#)
- [Get Involved](#)
 - [Business Opportunities](#)
 - [Friends](#)
 - [Jobs](#)
 - [Volunteer](#)
- [NWRS: Conserving Our Lands & Resources](#)
 - [National Wildlife Refuges](#)
 - [Invasive Species](#)
- [Landscape Conservation:](#)

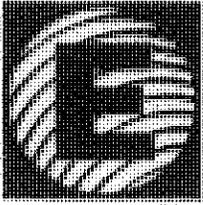
Map of Mississippi



National Wildlife Refuges

- [Bogue Chitto NWR](#)
- [Dahomey NWR](#)
- [Grand Bay NWR](#)
- [Hillside NWR](#)
- [Holt Collier NWR](#)
- [Mathews Brake NWR](#)
- [MS Sandhill Crane NWR](#)
- [Morgan Brake NWR](#)
- [Noxubee NWR](#)
- [Panther Swamp NWR](#)

Appendix D



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental, Remediation, and Geological Consultants

October 16, 2009

Acting Supervisor
United States Fish and Wildlife Service
6578 Dogwood View Parkway
Jackson, Mississippi 39213

Subject:

**Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi**

Environmental Engineers, Inc. Project No.: JSE01P0921

To Whom It May Concern:

Environmental Engineers, Inc. is requesting comment from the U.S. Fish and Wildlife Service on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency regarding impact to threatened or endangered species by construction of a wireless communications tower in Lowndes County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the east ½ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33°20'6.327" north and longitude 88°35'5.242" west. The site consists of a proposed 100-foot by 100-foot lease area with three guy easements and a proposed access road located near 3277 Firetower Road in Crawford Mississippi 39743. The site is a portion of a grassed field and slopes gently downward to the north and west. The proposed access road extends east from Firetower Road then turns south to the site. A creek traverses the proposed access road at the tree line crossing the proposed access road. Proposed activities consist of construction of a 600-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have included a site location map and site photographs for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please call us at (205) 629-3868 if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Anne B. Gilbert, P.E.
Principal Engineer

Attachments Site Location Map and Site Photographs

Phone: (205) 629-3868 • Fax: (877) 847-3060

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Total Postage & Fees	\$ 7.17	JSE01 P0921 JSE01 P0922 JSE01 P0923
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Street, Apt. No., or PO Box No.		
City, State, ZIP+4		

PS Form 3800, August 2005

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Acting Director
 USF+MS
 6578 Dogwood View Pkwy
 Jackson, MS 39213

2. Article Number
 (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

7007 2680 0002 3656 3245

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213



October 29, 2009

Anne Gilbert
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS

OCT 31 2009

RECEIVED

RE: Proposed Tower in Lowndes County, Mississippi, Project: JSE01P0921

Dear Ms. Gilbert:

The U.S. Fish and Wildlife Service (Service) received your letter dated October 16, 2009, regarding the proposal for a new telecommunication tower located off of Firetower Road in Crawford. The proposal is for construction of a 600-foot guyed wire telecommunications tower within a fenced and graveled equipment compound area and includes three guy wire anchors. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Migratory Bird Treaty Act (16 U.S.C. 703-711).

Price's potato bean, a threatened plant, is the only listed terrestrial species for Lowndes County. This herbaceous, twining vine is often found in wooded areas that grade into creek and river bottoms. It is unlikely that this listed species would be found at the site as documented by photographs that you provided. Therefore, the Service anticipates no impacts to this listed species to occur as a result of the proposed project. However, due to the adverse impact these towers can have on migratory birds, we would like to make several recommendations which can be found in the attached guidelines document. In addition with a proposed stream crossing, the Service also recommends that the applicant contact the Mobile District, Army Corps of Engineers regarding the need for a Department of the Army Clean Water Act, Section 404 permit.

If project plans change or if new information about listed species becomes available, consultation should be reinitiated. If you have any questions, please feel free to contact this office, telephone: (601) 321-1129.

Sincerely,

Terri Jacobson
Fish and Wildlife Biologist

Appendix E

U.S. Fish and Wildlife Service Tower Guidance

Due to the adverse impact telecommunications towers can have on migratory birds, we would like to make the following recommendations:

1. Co-locate communications equipment on an existing communication tower or other structure (e.g., billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may collocate on an existing tower.
2. If co-location is not feasible and a new tower or towers are to be constructed, towers should be no more than 199 feet above ground level (AGL), use construction techniques which do not require guy wires (e.g., use a lattice structure, monopole, etc.). Towers should be unlighted if Federal Aviation Administration regulations permit.
3. If constructing multiple towers, consider the cumulative impacts of all towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.
4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., state or Federal refuges, staging areas, rookeries), in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.
5. If taller (>199 feet AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.
6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006* - a profile of the research and safeguards available to remedy the issue of avian electrocutions. Copies can be obtained from Edison Electric Institute by calling 1-800-334-5453 or via the Internet at http://www.eei.org/products_and_services/descriptions_and_access/index.htm.)

7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint". However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.
8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternate site is recommended.
9. In order to reduce the number of towers needed in the future, new towers should be designed structurally and electrically to accommodate comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.
10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.
11. Service personnel or researchers from the Communication Tower Working Group should be allowed, if asked, access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.
12. Towers no longer in use or determined to be obsolete should be removed within twelve months of cessation of use.

These voluntary recommendations are based on the Service's Guidance on the Siting, Construction, Operation and Decommissioning of Communications Towers which can be found at <http://www.fws.gov/migratorybirds/issues/towers/comtow.html>.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes, and to identify any recurring problems with their implementation which may necessitate modifications, please advise us of the final location and specifications of the proposed tower. In your response please explain which of the recommended measures were implemented and if the recommended measures could not be implemented, please explain why they were not feasible.

Appendix F

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 02, 2009 9:03 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2312977

Dear Henry A Fisher,

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: 10/02/2009

Notification ID: 56598

Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi

Consultant Name: Henry A Fisher

Street Address: 11578 U.S. Highway 411

City: Odenville

State: ALABAMA

Zip Code: 35120

Phone: 205-629-3868

Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower

Latitude: 33 deg 20 min 06.3 sec N

Longitude: 88 deg 35 min 05.2 sec W

Location Description: at 3277 Firetower Road

City: Crawford

State: MISSISSIPPI

County: LOWNDES

Ground Elevation: 74.6 meters

Support Structure: 198.1 meters above ground level

Overall Structure: 198.1 meters above ground level

Overall Height AMSL: 272.7 meters above mean sea level

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 09, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2314481

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. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail

Details: The Alabama-Coushatta Tribe of Texas requests a review fee of \$300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regarding your proposal. Invoices will be forwarded to the email account we receive your Form 620 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail

Details: Please send all information via e-mail (and only via e-mail - no paper copies please) to: choctawhp@gmail.com (9 meg attachment limit)

The Mississippi Band of Choctaw Indians wishes to see full information packets for all towers within the designated areas for consultation.

Form 620, if it includes the a full text of the cultural resource survey with maps, is adequate for our needs. If your 620 does not include the text of the cultural resource survey, then attach it seperately.

Please include the tower identification (TCNS#, name, and any other information that may help us identify this site) and the county and state where the facility is proposed in the subject line.

If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days AFTER YOU HAVE E-MAILED THE AFOREMENTIONED INFORMATION TO US (begin counting the 30 day period AFTER the e-mail with all of the information has been sent), then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians 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. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail

Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that

meets the Federal guidelines set forth by the Department of the Interior and a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail

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

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

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

None

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

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail
8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail
9. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail
10. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail
11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail
12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - 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: 10/02/2009
Notification ID: 56598
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 20 min 6.3 sec N
Longitude: 88 deg 35 min 5.2 sec W
Location Description: at 3277 Firetower Road
City: Crawford
State: MISSISSIPPI
County: LOWNDES
Ground Elevation: 74.6 meters
Support Structure: 198.1 meters above ground level
Overall Structure: 198.1 meters above ground level

Overall Height AMSL: 272.7 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

Appendix G

General Information

1) (Select only one) (NE) NE - New UA - Update of Application WD - Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN):
4) Name: Towers of Mississippi/State of Mississippi

Contact Name

5) First Name: Taylor	6) MI:	7) Last Name: Robinson	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 31560 Blakeley Way	
12) City: Spanish Fort		13) State: AL	14) Zip Code: 36527
15) Telephone Number: (205) 266-4466		16) Fax Number: ()	
17) E-mail Address: trobinson@vulcancompany.com			

Consultant Information

18) FCC Registration Number (FRN): 0019057413
19) Name: MRS Consultants, LLC.

Principal Investigator

20) First Name: Beth	21) MI: A	22) Last Name: Ryba	23) Suffix:
24) Title: Cultural Resource Specialist			

Principal Investigator Contact Information

25) P.O. Box: 3146	And /Or	26) Street Address:	
27) City: Tuscaloosa		28) State: AL	29) Zip Code: 35403
30) Telephone Number: (205) 759-1621		31) Fax Number: (205) 759-1621	
32) E-mail Address: earyba@earthlink.net			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
34) Areas of Professional Qualification: <input checked="" type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	---

If "Yes", complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

This page may be copied to include additional staff.**Consultant Information Attachments required – See instructions for details.**

Site Information

Tower Construction Notification System

1) TCNS Notification Number: 56598

Site Information

2) Site Name: Crawford		
3) Site Address: 3277 Fire Tower Road		
4) City: Crawford	5) State: MS	6) Zip Code: 39743
7) County/Borough/Parish: Lowndes		
8) Nearest Crossroads: Fire Tower Road & Potts Road		
9) NAD 83 Latitude (DD-MM-SS.S): 33-20-6.3		(<input checked="" type="checkbox"/>) <u>N</u> or () <u>S</u>
10) NAD 83 Longitude (DD-MM-SS.S): 88-35-5.2		() <u>E</u> or (<input checked="" type="checkbox"/>) <u>W</u>

Tower Information

11) Tower height above ground level (include top-mounted attachments such as lightning rods): 650 (<input checked="" type="checkbox"/>) Feet () Meters
12) Tower Type (Select One): <input checked="" type="checkbox"/>) Guyed lattice tower <input type="checkbox"/>) Self-supporting lattice <input type="checkbox"/>) Monopole <input type="checkbox"/>) Other (Describe):

Project Status

13) Current Project Status (Select One):	
<input checked="" type="checkbox"/>) Construction has not yet commenced	
<input type="checkbox"/>) Construction has commenced, but is not completed	Construction commenced on: ____/____/____
<input type="checkbox"/>) Construction has been completed	Construction commenced on: ____/____/____
Construction completed on: ____/____/____	

Site Information Attachments required - See instructions for details.

Determination of Effect

14) Direct Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

Determination of Effect Attachments required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		<input checked="" type="checkbox"/> Yes () No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56598</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Alabama-Coushatta Tribe of Texas

Contact Name

5) First Name: Bryant	6) MI: J	7) Last Name: Celestine	8) Suffix:
9) Title: Historic Preservation Officer			

Dates & Response

10) Date Contacted <u>10 / 9 / 09</u>	11) Date Replied <u>10 / 22 / 09</u>
<input type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input checked="" type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56598</u> Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>None</u>

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <p style="text-align: center;">Choctaw Nation of Oklahoma</p>

Contact Name

5) First Name: Terry	6) MI: D	7) Last Name: Cole	8) Suffix:
9) Title: Director of Cultural Resources and THPO			

Dates & Response

10) Date Contacted <u>10 / 9 / 09</u>	11) Date Replied <u> / / </u>
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56598</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Kialegee Tribal Town

Contact Name

5) First Name: Jennie	6) MI:	7) Last Name: Lillard	8) Suffix:
9) Title: MEKKO and Acting Tribal Administrator			

Dates & Response

10) Date Contacted <u>10 / 9 / 09</u>	11) Date Replied _____ / _____ / _____
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56598</u> Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Mississippi Band of Choctaw Indians

Contact Name

5) First Name: Kenneth	6) MI: H	7) Last Name: Carleton	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>10 / 9 / 09</u>	11) Date Replied <u> / / </u>
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		<input checked="" type="checkbox"/> Yes () No
2a) Tribes/NHOs contacted through TCNS Notification Number:	56598	Number of Tribes/NHOs: 6
2b) Tribes/NHOs contacted through an alternate system:	None	Number of Tribes/NHOs: None

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Seminole Tribe of Florida

Contact Name

5) First Name: Jennifer	6) MI: L	7) Last Name: Pietarila	8) Suffix:
9) Title: Archaeological Data Analyst			

Dates & Response

10) Date Contacted 10 / 9 / 09	11) Date Replied ____ / ____ / ____
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56598</u>	Number of Tribes/NHOs: <u>6</u>
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Tunica-Biloxi Indians of Louisiana

Contact Name

5) First Name: Earl	6) MI: J	7) Last Name: Barbry	8) Suffix: Jr.
9) Title: THPO			

Dates & Response

10) Date Contacted <u>10 / 9 / 09</u>	11) Date Replied <u> / / </u>
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):None
2) Name: None

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:	
10) City:		11) State:	12) Zip Code:
13) Telephone Number: ()		14) Fax Number: ()	
15) E-mail Address:			
16) Preferred means of communication: () E-mail () Letter () Both			

Dates & Response

17) Date Contacted ____/____/____	18) Date Replied ____/____/____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

This page may be copied to include additional Tribes/NHOs.

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Yes</u> (X) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Yes</u> (X) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Yes</u> (X) <u>No</u>

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Yes</u> () <u>No</u>
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Yes</u> () <u>No</u>
13) Is this property a National Historic Landmark?	() <u>Yes</u> () <u>No</u>

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

**This page may be copied to include additional Historic Properties.
Historic Property Attachments required – See instructions for details.**

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Lowndes County Board of Supervisors

Contact Name

3) First Name: Harry	4) MI:	5) Last Name: Sanders	6) Suffix:
7) Title: President			

Contact Information

8) P.O. Box: 1364	And /Or	9) Street Address:	
10) City: Columbus		11) State: MS	12) Zip Code: 39703
13) Telephone Number: ()		14) Fax Number: ()	
15) E-mail Address:			
16) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both			

Dates & Response

17) Date Contacted 10 / 6 / 09	18) Date Replied ____ / ____ / ____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

19) Information on local government's role or interest (optional):
--

This page may be copied to include additional local government agencies.
Local Government Attachments required – See instructions for details.

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Columbus and Lowndes County Historical Society

Contact Name

4) First Name: Jack or Emilie	5) MI:	6) Last Name: White	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 922 7th Street North	
11) City: Columbus		12) State: MS	13) Zip Code: 39701
14) Telephone Number: ()		15) Fax Number: ()	
16) E-mail Address:			
17) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both			

Dates & Response

18) Date Contacted 10 / 6 / 09	19) Date Replied ____ / ____ / ____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

20) Information on other consulting parties' role or interest (optional):

This page may be copied to include additional consulting parties.
Consulting Parties Attachments required - See instructions for details.

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: <u>H.T. Holmes, Mississippi Department of Archives and History</u>
--

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____
SHPO/THPO Name: _____
SHPO/THPO Name: _____

Designation of SHPO/THPO Attachments may be required – See instructions for details.

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.			
Party Authorized to Sign MRS Consultants, LLC. Principal Investigator			
First Name: <u>Beth</u>	MI: <u>A</u>	Last Name: <u>Ryba</u>	Suffix:
Signature: <u><i>Beth Ryba</i></u>		Date: <u>10 / 28 / 09</u>	
FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.			
WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).			

ATTACHMENT 1
Vitae are On File

ATTACHMENT 2
ATTACHMENT 7
ATTACHMENT 8
ATTACHMENT 9
ATTACHMENT 10
ATTACHMENT 11
ATTACHMENT 12

See Accompanying Cultural Resource Report

Attachment 3. Tribal and NHO Involvement

Initial notification to Native American tribes/organizations was submitted through the FCC Tower Construction Notification System (TCNS). See the attached TCNS list for details.

Attachment 4. Local Government

Correspondence was submitted to the local government agency with jurisdiction over the project area for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information.

Attachment 5. Public Involvement

A notice requesting comment regarding potential impacts to historical or archaeological properties by the proposed action was published. Please see the attached information for details regarding the public notice.

Attachment 6. Additional Consulting Parties (Where Applicable)

Correspondence was submitted to additional consulting parties for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information. (Please note that no correspondence is included where additional consulting parties were not identified for a project.)

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 02, 2009 9:03 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2312977

Dear Henry A Fisher,

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: 10/02/2009

Notification ID: 56598

Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi

Consultant Name: Henry A Fisher

Street Address: 11578 U.S. Highway 411

City: Odenville

State: ALABAMA

Zip Code: 35120

Phone: 205-629-3868

Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower

Latitude: 33 deg 20 min 06.3 sec N

Longitude: 88 deg 35 min 05.2 sec W

Location Description: at 3277 Firetower Road

City: Crawford

State: MISSISSIPPI

County: LOWNDES

Ground Elevation: 74.6 meters

Support Structure: 198.1 meters above ground level

Overall Structure: 198.1 meters above ground level

Overall Height AMSL: 272.7 meters above mean sea level

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, October 09, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2314481

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. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail

Details: The Alabama-Coushatta Tribe of Texas requests a review fee of \$300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regarding your proposal. Invoices will be forwarded to the email account we receive your Form 620 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail

Details: Please send all information via e-mail (and only via e-mail - no paper copies please) to: choctawhp@gmail.com (9 meg attachment limit)

The Mississippi Band of Choctaw Indians wishes to see full information packets for all towers within the designated areas for consultation.

Form 620, if it includes the a full text of the cultural resource survey with maps, is adequate for our needs. If your 620 does not include the text of the cultural resource survey, then attach it seperately.

Please include the tower identification (TCNS#, name, and any other information that may help us identify this site) and the county and state where the facility is proposed in the subject line.

If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days AFTER YOU HAVE E-MAILED THE AFOREMENTIONED INFORMATION TO US (begin counting the 30 day period AFTER the e-mail with all of the information has been sent), then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians 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. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail

Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that

meets the Federal guidelines set forth by the Department of the Interior and a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail

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

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

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

None

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

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail

8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail

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

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

11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail

12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - 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: 10/02/2009
Notification ID: 56598
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 20 min 6.3 sec N
Longitude: 88 deg 35 min 5.2 sec W
Location Description: at 3277 Firetower Road
City: Crawford
State: MISSISSIPPI
County: LOWNDES
Ground Elevation: 74.6 meters
Support Structure: 198.1 meters above ground level
Overall Structure: 198.1 meters above ground level

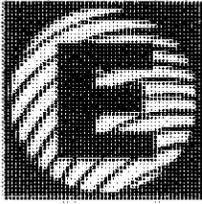
Overall Height AMSL: 272.7 meters above mean sea level

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



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 6, 2009

Mr. Harry Sanders
Lowndes County Board of Supervisors
P.O. Box 1364
Columbus, Mississippi 39703

Subject:

Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Sanders:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Lowndes County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

U.S. Postal Service
CERTIFIED MAIL - RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

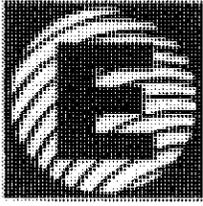
OFFICIAL USE

450E 959E 2000 0992 7007 2680 0002 3656 3054

Postage	\$	10/6/09
Certified Fee		Postmark Here
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		JSE01P0920
Total Postage & Fees	\$ 5.54	JSE01P0921
Sent to <u>Mr. Harry Sanders</u>		
Street, Apt. No., or PO Box No.		
City, State, ZIP+4		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature x <u>John Ussery</u> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>John Ussery</u></p> <p>C. Date of Delivery <u>19 Oct. 09</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below <input type="checkbox"/> No</p>
<p>1. Article Addressed to: <u>Mr. Harry Sanders</u> <u>Rounder County Bd of Supervisors</u> <u>P.O. Box 1364</u> <u>Columbus, MS 39703</u></p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>7007 2680 0002 3656 3054</p>	





ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 6, 2009

Jack or Emilie White
Columbus and Lowndes County Historical Society
922 7th Street North
Columbus, Mississippi 39701

Subject:

**Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi**

Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. or Ms. White:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Lowndes County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

7007 2680 0002 3656 3061

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

Postage	\$	10/6/09 Postmark Here JSE01 P0920 JSE01 P0921
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.54	

Sent to Jack or Emilie White
Street, Apt. No. or PO Box No.
City, State, ZIP+4

PS Form 3811, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Jack or Emilie White
Columbus + Lauderdale County
Historical Society
922 14th Street North
Columbus, MS 39701

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Emilie C. White Agent Addressee

B. Received by (Printed Name) Emilie C White C. Date of Delivery 10/9/09

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

7007 2680 0002 3656 3061

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 108 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 650 foot guyed communications tower at 3277 Fretwell Road, Crawford, Lowndes County, Mississippi, 39743, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west.

All comments should be submitted within 30 days of the publication of this notice referencing project US53 P0921 and sent to the attention of Mr. Henry Fisher, Environmental Engineers, Inc., 11578 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at HYPERLINKmailto:henryf@emv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-5068.

10/08/2009

STATE OF MISSISSIPPI,

County of Lowndes

PERSONALLY CAME before me, the undersigned, a notary public in and for Lowndes County, Mississippi, the CLERK of the Commercial Dispatch, a newspaper published in the City of Columbus, who, being duly sworn, deposes and says that the COMMERCIAL DISPATCH is a newspaper as defined and prescribed in Section 13-3-31 of the Mississippi Code of 1972, as amended effective July 1, 1976, and that the publication of a notice, of which the annexed is a copy, in the matter of

has been made in said paper _____ times consecutively,

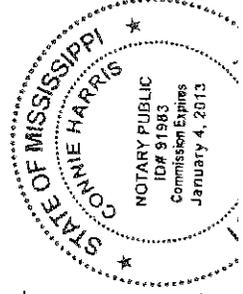
to-wit:

On the 5th day of October, 2009

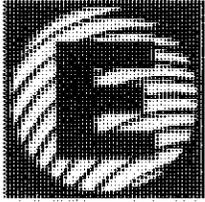
On the _____ day of _____, 20____

SWORN TO and subscribed before me, this

5th day of October, 2009
[Signature]
 Notary Public



Appendix H



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

November 3, 2009

Mr. Jim Woodrick
Mississippi Department of Archives and History
Charlotte Capers Archives and History Building
100 South State St.
Jackson, MS 39201

Subject:

Section 106 Review

**Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi**

Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Woodrick:

Environmental Engineers, Inc. is requesting a Section 106 review, on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) for the above referenced site. Enclosed you will find a copy of the completed FCC Form 620 for the project site, including all attachments.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. If you have any questions or need additional information, please contact me at (205) 629-3868.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Enc. FCC Form 620

Phone: (205) 629-3868 • Fax: (877) 847-3060

From: Origin ID: CZCA (205) 629-3868
 HENRY FISHER
 ENVIRONMENTAL ENGINEERS, INC
 11578 U.S. Highway 411
 Odenville, AL 35120



Ship Date: 04NOV09
 ActWgt: 1.0 LB
 CAD: 4760348/NET9090
 Account#: S *****

Delivery Address Bar Code



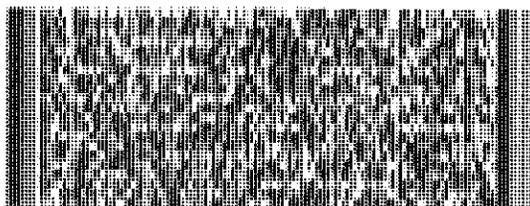
Ref # JSE01P0921
 Invoice #
 PO #
 Dept #

SHIP TO: (601) 359-6940 **BILL SENDER**
Mr. Jim Woodrick
MS Dept of Archives & History
100 S STATE ST

JACKSON, MS 39201

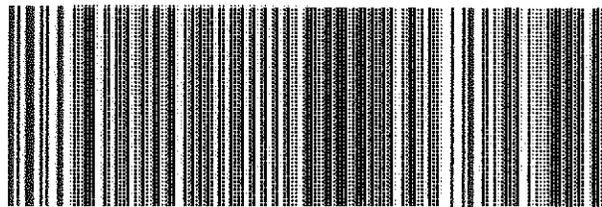
TRK# 7960 9150 7134
 0201

THU - 05NOV A2
STANDARD OVERNIGHT



XX JANA

39201
MS-US
MEM



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Thursday, November 05, 2009 8:45 AM
To: cjohnson@envciv.com
Subject: FedEx Shipment 796091507134 Delivered

This tracking update has been requested by:

Company Name: ENVIRONMENTAL ENGINEERS, INC
Name: HENRY FISHER
E-mail: cjohnson@envciv.com

Our records indicate that the following shipment has been delivered:

Reference: JSE01P0921
Ship (P/U) date: Nov 4, 2009
Delivery date: Nov 5, 2009 8:41 AM
Sign for by: D.SMITH
Delivered to: Receptionist/Front Desk
Service type: FedEx Standard Overnight
Packaging type: FedEx Envelope
Number of pieces: 1
Weight: 1.00 lb.
Special handling/Services: Deliver Weekday

Tracking number: 796091507134

Shipper Information	Recipient Information
HENRY FISHER	Mr. Jim Woodrick
ENVIRONMENTAL ENGINEERS, INC	MS Dept of Archives & History
11578 U.S. Highway 411	100 S STATE ST
Odenville	JACKSON
AL	MS
US	US
35120	39201

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 8:45 AM CST on 11/05/2009.

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Thank you for your business.

11/5/2009

November 10, 2009

Henry A. Fisher, P.E.
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS

NOV 12 2009

RECEIVED

RE: Proposed MSWIN 20503 Crawford Communications Tower, Crawford (EE Project No. JSE01P0921), MDAH Project Log #11-046-09, Lowndes County

Dear Henry:

We have reviewed your November 3, 2009, cultural resources assessment request and October 30, 2009, cultural resources survey report by Beth Ryba, Principal Investigator, received on November 5, 2009, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After reviewing the information provided, we concur that no cultural resources listed in or eligible for listing in the National Register of Historic Places will be directed or visually affected. Therefore, we have no reservations with the undertaking.

There remains the possibility that unrecorded cultural resources may be encountered during the project. Should this occur, we would appreciate your contacting this office immediately in order that we may offer appropriate comments under 36 CFR 800.13.

Please provide a copy of this letter to Ms. Ryba. If you need further information, please let me know.

Sincerely,


Jim Woodrick
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

Appendix I

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:44 PM
To: 'Bryant J. Celestine'
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598
Attachments: FCC Form 620 MSWIN 20503 Tower TCNS 56598.pdf

Mr. Bryant Celestine
Alabama-Coushatta Tribe of Texas

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Celestine:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56598).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Bryant J. Celestine [celestine.bryant@actribe.org]
Sent: Tuesday, December 01, 2009 3:59 PM
To: 'Henry Fisher'
Subject: RE: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598

Dear Mr. Fisher:

On behalf of Chief Oscola Clayton Sylestine and the Alabama-Coushatta Tribe, our appreciation is expressed on your efforts to consult us regarding TCNS #56598 in Lowndes County.

Our Tribe maintains ancestral associations within the state of Mississippi despite the absence of written documentation to completely identify Tribal activities, villages, trails, or burial sites. However, it is our objective to ensure significances of Native American ancestry, especially of the Alabama-Coushatta Tribe are administered with the utmost regard.

Upon review of your November 3, 2009 submission, no known impacts to religious, cultural, or historical assets of the Alabama-Coushatta Tribe of Texas should occur in conjunction with this proposal. In the event of inadvertent discovery of human remains and/or archaeological artifacts during construction, activity in proximity to the location must cease and appropriate authorities, including this office, notified without delay.

Should you require further assistance, please do not hesitate to contact us.

Sincerely,

Bryant J. Celestine
Historic Preservation Officer
Alabama-Coushatta Tribe of Texas
571 State Park Rd 56
Livingston, Texas 77351
936 - 563 - 1181
celestine.bryant@actribe.org

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:47 PM
To: 'Caren Johnson'
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598
Attachments: FCC Form 620 MSWIN 20503 Tower TCNS 56598.pdf

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56598).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Caren Johnson [cjohnson@choctawnation.com]
Sent: Friday, December 04, 2009 1:39 PM
To: Henry Fisher
Subject: RE: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598

December 4, 2009

Mr. Henry Fisher:

The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # **56598** and based on the information provided to the best of our knowledge it will have no adverse effect on any historic properties in the project's area of potential effect. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historic crockery, glass or metal items, or should it uncover evidence of buried historic building materials such as rock foundations, brick, or hand poured concrete, this office should be contacted immediately @ 1-800-522-6170 ext. 2137.

Sincerely,

Caren A. Johnson,
Administrative Assistant
Choctaw Nation of Oklahoma
P. O. Box 1210, 16th & Locust
Durant, OK 74702-1210
1-580-924-8280 Ext. 2133
Fax 1-580-920-3181

From: Henry Fisher [mailto:hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:47 PM
To: Caren Johnson
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56598).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site

consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you have received this message in error, you are hereby notified that we do not consent to any reading, dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information. Please note that any view or opinions presented in this email are solely those of the author and do not necessarily represent those of the Choctaw Nation.

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:48 PM
To: 'Carleton, Ken'; 'choctawhp@gmail.com'
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598
Attachments: FCC Form 620 MSWIN 20503 Tower TCNS 56598.pdf

Mr. Ken Carleton
Mississippi Band of Choctaw Indians

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Carleton:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56598).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

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Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:48 PM
To: 'Jennifer Pietarila'
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598
Attachments: FCC Form 620 MSWIN 20503 Tower TCNS 56598.pdf

Ms. Jennifer Pietarila
Seminole Tribe of Florida

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Ms. Pietarila:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # S6598).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Wednesday, November 04, 2009 8:19 AM
To: towerinfo@envciv.com
Cc: tcns.fccarchive@fcc.gov; jenniferpietarila@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID: 56598) - Email ID #2340515

Dear Henry A Fisher,

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 Archaeological Data Analyst Jennifer L Pietarila of the Seminole Tribe of Florida in reference to Notification ID #56598:

To Whom It May Concern,

The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF-THPO) has received your email correspondence concerning the aforementioned project. The STOF-THPO concurs with your findings of "no historic properties". However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process. We thank you for the opportunity to review the information that has been sent to date regarding this project.

We look forward to working with you in the future.

Sincerely,
W.S. Steele,
Tribal Historic Preservation Officer

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

Notification Received: 10/02/2009
Notification ID: 56598
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Henry
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 33 deg 20 min 6.3 sec N
Longitude: 88 deg 35 min 5.2 sec W
Location Description: at 3277 Firetower Road
City: Crawford
State: MISSISSIPPI

County: LOWNDES

Ground Elevation: 74.6 meters

Support Structure: 198.1 meters above ground level

Overall Structure: 198.1 meters above ground level

Overall Height AMSL: 272.7 meters above mean sea level

Henry Fisher

From: Earl Barbry, Jr. [earljj@tunica.org]
Sent: Tuesday, May 03, 2005 5:51 PM
To: Henry Fisher
Cc: Niki Jeter
Subject: Re: HELP! - I am stuck in FCC NPA!

Mr. Fisher,

Sorry about the delay. I would like to be notified of the cell tower requests, etc. by email. Also, should no comments be received from my department within the 30 day comment period, proceeding with the project can occur. I stand the same as the other Tribes regarding immediate work stoppage and contacting this office should inadvertent discovery occur.

Thank you for taking the time to contact me and getting my input into these matters. Let me know if this response is sufficient or if you need a letter on Tribal stationery mailed to you.

Should you need immediate assistance, and I am out of the office, speak to my Administrative Assistant, Ms. Amber (Niki) Jeter - dial the number below and hit 0 to speak to her.

Many thanks,

Earl J. Barbry, Jr., THPO
Tunica-Biloxi Tribe of Louisiana
318-253-0213 ext. 6851

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 03, 2009 10:41 PM
To: 'earlii@tunica.org'
Subject: Proposed MSWIN 20503 C Crawford Communications Tower TCNS 56598

Mr. Earl Barbry
Tunica-Biloxi Indians of Louisiana

Subject:
TCNS 56598
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Barbry:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Lowndes County, Mississippi. This project was also submitted through the FCC TCNS on October 2, 2009 (TCNS ID # 56598).

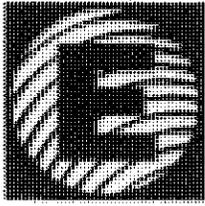
The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor-easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. Please note that the site is located in an area undergoing grading and construction activities associated with construction of the District 8 Department of Public Safety Complex.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance. Based on the electronic mail that you sent to our office on May 3, 2005 it is my understanding that we may assume that the Tunica-Biloxi Indians of Louisiana concurs with the proposed project if we have not received a comment from your office within 30 days of submittal of project information to your office via electronic mail. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Appendix J



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 6, 2009

Mr. Harry Sanders
Lowndes County Board of Supervisors
P.O. Box 1364
Columbus, Mississippi 39703

Subject:

Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Sanders:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Lowndes County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast ¼ of the southeast ¼ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

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 City, State, ZIP+4

PS Form 3800, August 2005 See Reverse for Instructions

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- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Mr. Harry Sanders
Sounder County Bd of Supervisors
P.O. Box 1364
Columbus, MS 39703

2. Article Number
 (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x Oliver Ussery Agent Addressee

B. Received by (Printed Name) Oliver Ussery C. Date of Delivery 19 Oct. 09

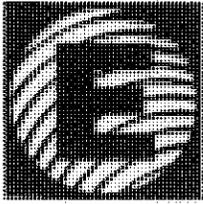
D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below



3. Service Type
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 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

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ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 6, 2009

Jack or Emilie White
Columbus and Lowndes County Historical Society
922 7th Street North
Columbus, Mississippi 39701

Subject:

**Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi**
Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. or Ms. White:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Lowndes County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude $33^{\circ} 20' 06.3''$ north and longitude $88^{\circ} 35' 05.2''$ west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. I have enclosed the portion of the USGS topographic map depicting the site location for your review.

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Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

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 JSE01P4921

Sent to Jack or Emilee White
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2005

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jack or Emilee White
 Columbus + Lourdes Candy
 Historical Society
 922 14th Street North
 Columbus, MS 39701

2. Article Number:
 (Transfer from service label)

7007 2680 0002 3656 3061

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Emilee C. White Agent
 Addressee

B. Received by (Printed Name) Emilee C White C. Date of Delivery: 10/9/09

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 106 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 650 foot guyed communications tower at 3277 Fletchler Road, Crawford, Lowndes County, Mississippi, 39743, at latitude 33° 20' 06.3" north and longitude 88° 35' 05.2" West.

All comments should be submitted within 30 days of the publication of this notice regarding project ISE01P0921 and sent to the attention of Mr. Henry Fisher, Environmental Engineer, Inc., 11576 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at hfisher@enviro.com, enviro@enviro.com, via telephone at (205) 923-3868, or via facsimile at (677) 847-3062.

10062008

STATE OF MISSISSIPPI,
County of Lowndes

PERSONALLY CAME before me, the undersigned, a notary public in and for Lowndes County, Mississippi, the CLERK of the Commercial Dispatch, a newspaper published in the City of Columbus, who, being duly sworn, deposes and says that the COMMERCIAL DISPATCH is a newspaper as defined and prescribed in Section 13-3-31 of the Mississippi Code of 1972, as amended effective July 1, 1976, and that the publication of a notice, of which the annexed is a copy, in the matter of

has been made in said paper _____ times consecutively,
to-wit:

On the 5th day of October, 2009

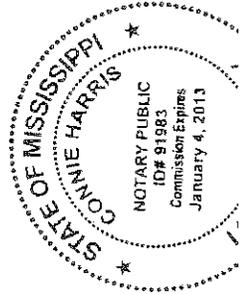
On the _____ day of _____, 20____

SWORN TO and subscribed before me, this

5th day of October, 2009

Spencer M. Prosser
Clerk

Connie Harris
Notary Public



Appendix K



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
MOBILE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, AL 36628-0001

April 1, 2010

Inland Branch-South
Regulatory Division

SUBJECT: Department of the Army Nationwide Permit, Towers of Mississippi MSWIN 20503 C
Crawford Communications Tower, Crawford, Lowndes County, Mississippi.

**USACE Action Number SAM-2009-01619-LET, Environmental Engineers, Inc. Project
No.: JSE01P0921**

Towers of Mississippi/State of Mississippi
Attention: Mr. Taylor Robinson
31560 Blakeley Way
Spanish Fort, Alabama 36532

ENVIRONMENTAL ENGINEERS

APR 02 2010

RECEIVED

Dear Mr. Robinson:

This letter is in regard to your request for verification of authorization under Department of the Army (DA) Nationwide Permit 14 to construct a permanent road crossing on an intermittent stream to access a proposed wireless communications tower facility. Specifically, the project would be located at 3277 Firetower Road, on an unnamed tributary to the South Branch to Magowah Creek within the northeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 14, Township 17 North, Range 16 East at Latitude 33° 20' 6.327" N and Longitude 88° 35' 5.242" W, in Crawford, Lowndes County, Mississippi where the following work is proposed:

Construction of the access road to the wireless communications tower site requires the placement of geo-textile fabric and approximately 7 cubic yards of rock fill in an intermittent stream to construct a 12 foot wide by 4 foot long road crossing. The rock fill to be used in construction of the crossing will be composed of 6 to 8 inch diameter stones, allowing water flow within the stream to filter through the rock.

Department of the Army permit authorization is necessary because your project would involve placement of dredged and/or fill material into waters of the United States (U.S.) under our regulatory jurisdiction. Construction of the proposed road crossing will impact 12 linear feet of the 4 foot wide stream, or a 0.001 acre area of waters of the U.S.

Based upon the information and plans you provided, we hereby verify that the work described above, which would be performed in accordance with the enclosed drawings, is authorized by **Nationwide Permit (NWP) No. 14**, Linear Transportation Crossings in accordance with 33 CFR Part 330 of our regulations. NWP 14 and its associated Regional and General Conditions can be accessed at our website www.sam.usace.army.mil/RD/reg/nwp.htm. You must comply with all of the special and general conditions and any project specific conditions of this authorization or you may be subject to enforcement action.

This verification is valid until March 18, 2012, which is the date all of the existing Nationwide Permits will expire. If you have commenced or are under contract to commence this activity before March 18, 2012, you will have twelve (12) months from this date to complete the activity under the present terms and conditions of this Nationwide Permit 14. In the event you have not commenced or completed construction of your project by this date, a new application or re-verification will be required.

The following project specific conditions are included with this verification:

a. You shall comply with all the terms and conditions of the Mississippi Department of Environmental Quality, Office of Pollution Control, Section 401 Certification for the Nationwide Permits. A copy of this document is enclosed for your review and compliance. It may also be viewed or downloaded from our website at www.sam.usace.army.mil/RD/reg/nwp.htm.

b. It is the responsibility of the permittee to ensure that all persons and contractors working on this project are aware of all general and special conditions of the permit. A copy of this permit and its general and special conditions shall remain on site at all times during construction.

c. Best management practices shall be implemented to adequately retain disturbed soil and fill material minimizing erosion, siltation, turbidity and damage to adjacent wetlands and waters of the United States. Appropriate erosion and siltation control measures must be used and maintained in effective operating condition during construction and shall remain in place until permanent stabilization measures have been completed and have become fully effective.

d. Spoil material from excavation of "weak" soils within the stream crossing area must be placed in uplands or removed from the site and disposed of in accordance with local and State ordinances.

e. Project construction shall be conducted in such a manner that passage of normal expected high flows of surface water and surface water runoff outside the project boundaries are not restricted or otherwise altered.

f. The movement of heavy equipment within wetlands or waters of the U.S. shall be limited to the minimum necessary to accomplish the work authorized herein. All equipment required to traverse wetlands or waters of the U.S. shall be supported on mats, or other measures must be taken to minimize soil disturbance.

g. The disposal of trees, brush and other debris in any stream corridor, wetland or surface water is prohibited.

h. Should cultural resources be encountered during project activities, all work shall cease and the U.S. Army Corps of Engineers-Mobile District shall be consulted immediately. **The U.S. Army Corps of Engineers must be contacted at telephone: (251) 694-3873.** It is the permittee's responsibility to ensure that contractors are aware of this requirement.

i. Should any indications of threatened or endangered species be encountered during project activities, work shall cease and the U.S. Army Corps of Engineers-Mobile District shall be consulted immediately. **The U.S. Army Corps of Engineers must be contacted at telephone: (251) 694-3873.** It is the permittee's responsibility to ensure that contractors are aware of this requirement.

Attached to this verification that the project is authorized under NWP 12 is a Preliminary Jurisdictional Determination (PJD) form for the waters of the U.S. identified within the project area. The PJD form must be signed and a copy returned to our office. The preliminary jurisdictional determination shall remain in effect unless new information or a request for an approved jurisdictional determination supporting a revision is provided to this office. Enclosed you will also find a Notification of Administrative Appeal Options and Process fact sheet and Request for Appeal (RFA) form.

Please note, Nationwide Permit General Condition 26 (*Compliance Certification*) requires that every permittee who has received NWP verification must submit a signed certification regarding the completed work and any required mitigation within 60 days of having completed the authorized work. The enclosed Compliance Certification card may be utilized for that purpose.

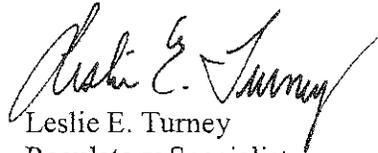
The permittee shall also notify the U.S. Army Corps of Engineers - Mobile District, Regulatory Division in writing upon commencement of work authorized by this permit. The enclosed Commencement Certification card may be use for that purpose. Such notification must be provided within 5 days of initiation of the authorized work.

The enclosed yellow Notice of Authorization card must be posted at the site during construction of the authorized activity.

This letter of authorization does not convey any property rights, or any exclusive privileges and does not authorize any injury to property or obviate the requirements to obtain other local, State or Federal assents required by law. Nothing in this letter shall be construed as excusing you from compliance with other Federal, State, or local statutes, ordinances, or regulations which may affect this work.

Please contact me at (251) 694-3873 if you have any questions. For additional information about our Regulatory Program, visit our web site at www.sam.usace.army.mil/RD/reg, and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

Sincerely,



Leslie E. Turney
Regulatory Specialist
Inland Branch, South
Regulatory Division

Enclosures

Copy Furnished with Attachments:

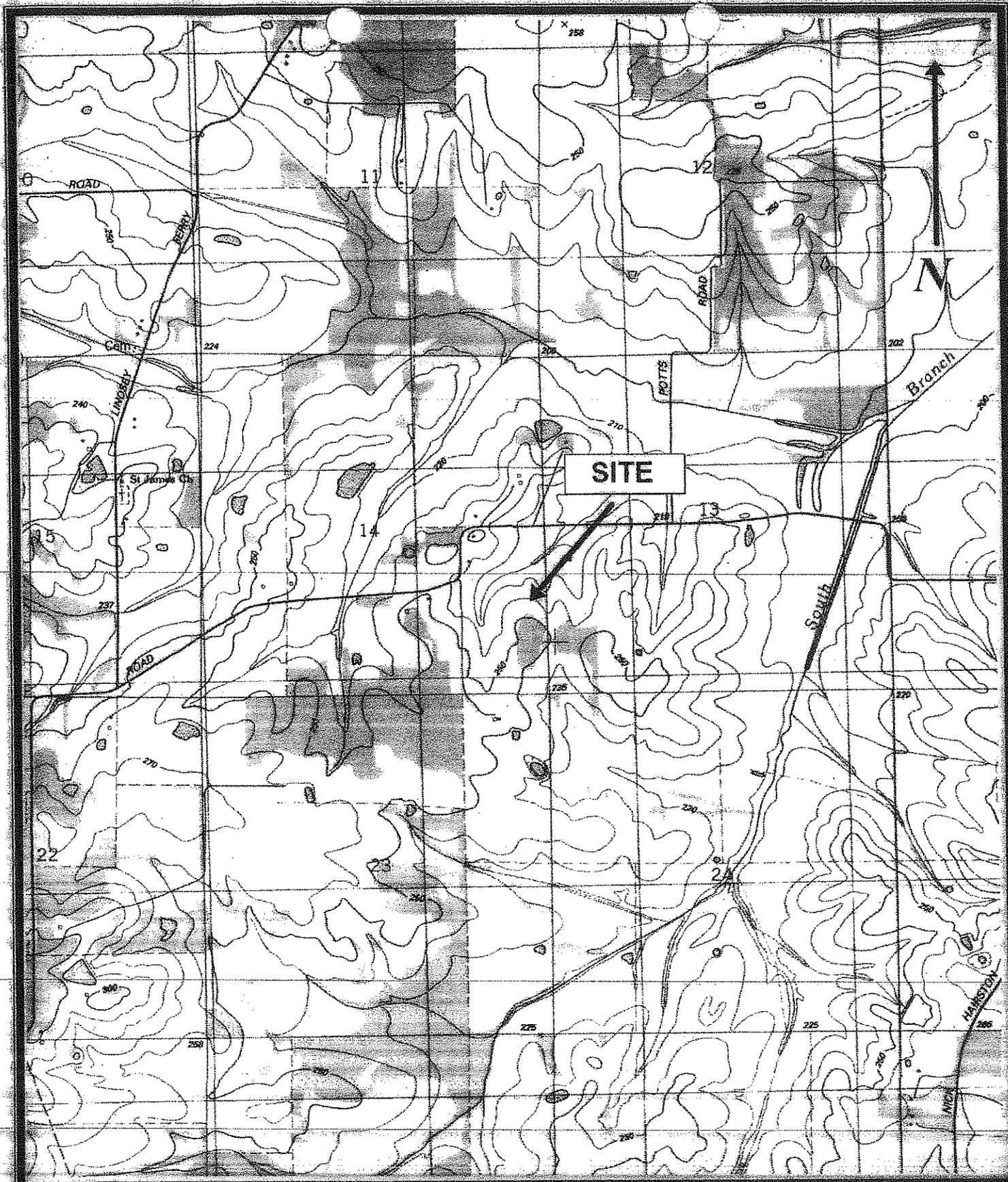
Environmental Engineers, Inc.
Attention: Mr. Henry A. Fisher, P.E.
11578 U.S. Highway 411
Odenville, Alabama 35120

When the structures or work authorized by this Nationwide Permit (**SAM-2009-01619-LET**) are still in existence at the time the property is transferred, the terms and conditions of this Nationwide Permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEEE)

(DATE)



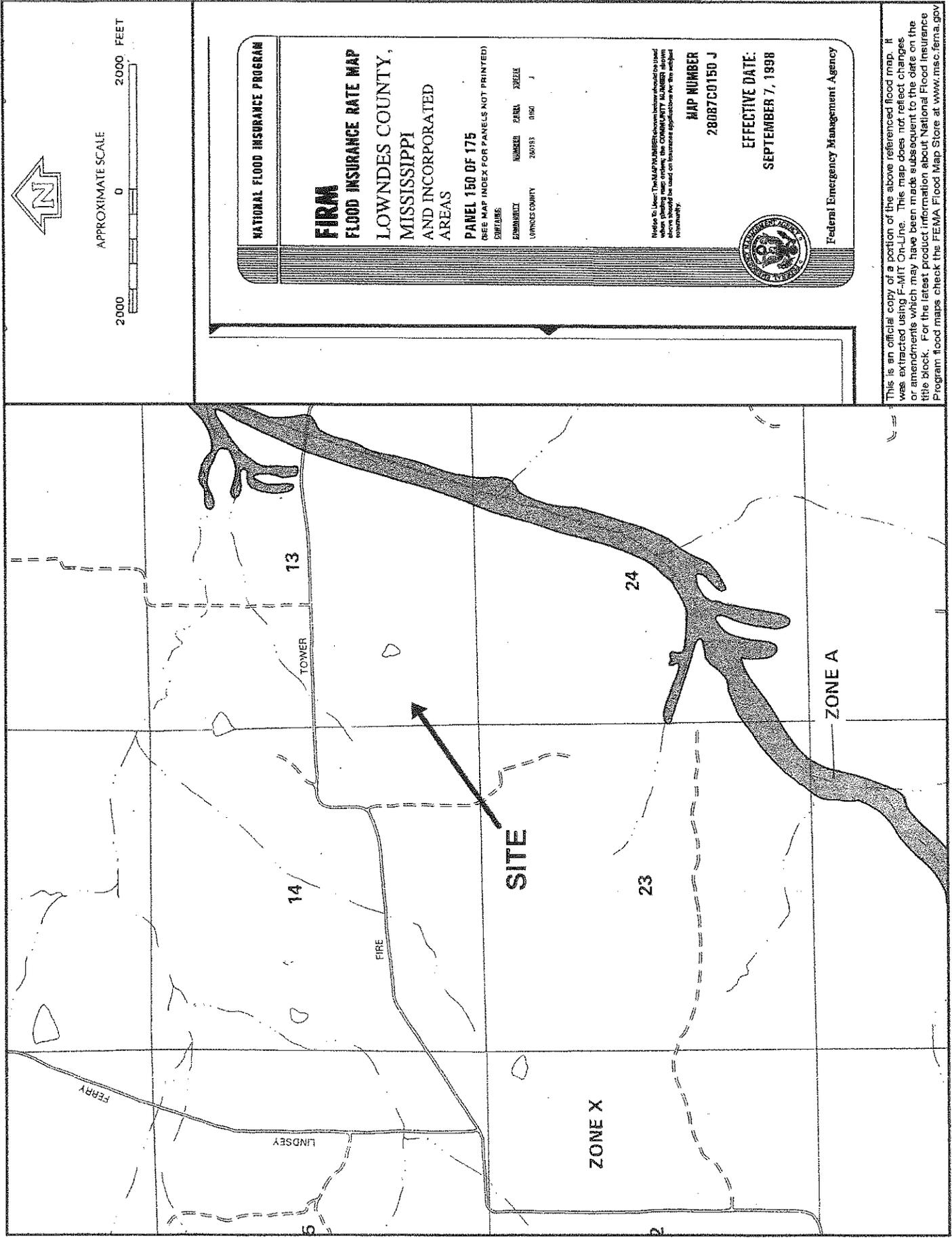


Environmental Engineers, Inc.

Subject:
 Approved Jurisdictional Delineation
 Proposed MSWIN 20503 C Crawford Communications Tower
 Crawford, Lowndes County, Mississippi
 Project No.: JSE01P0921

Figure 1
 Site Location Map

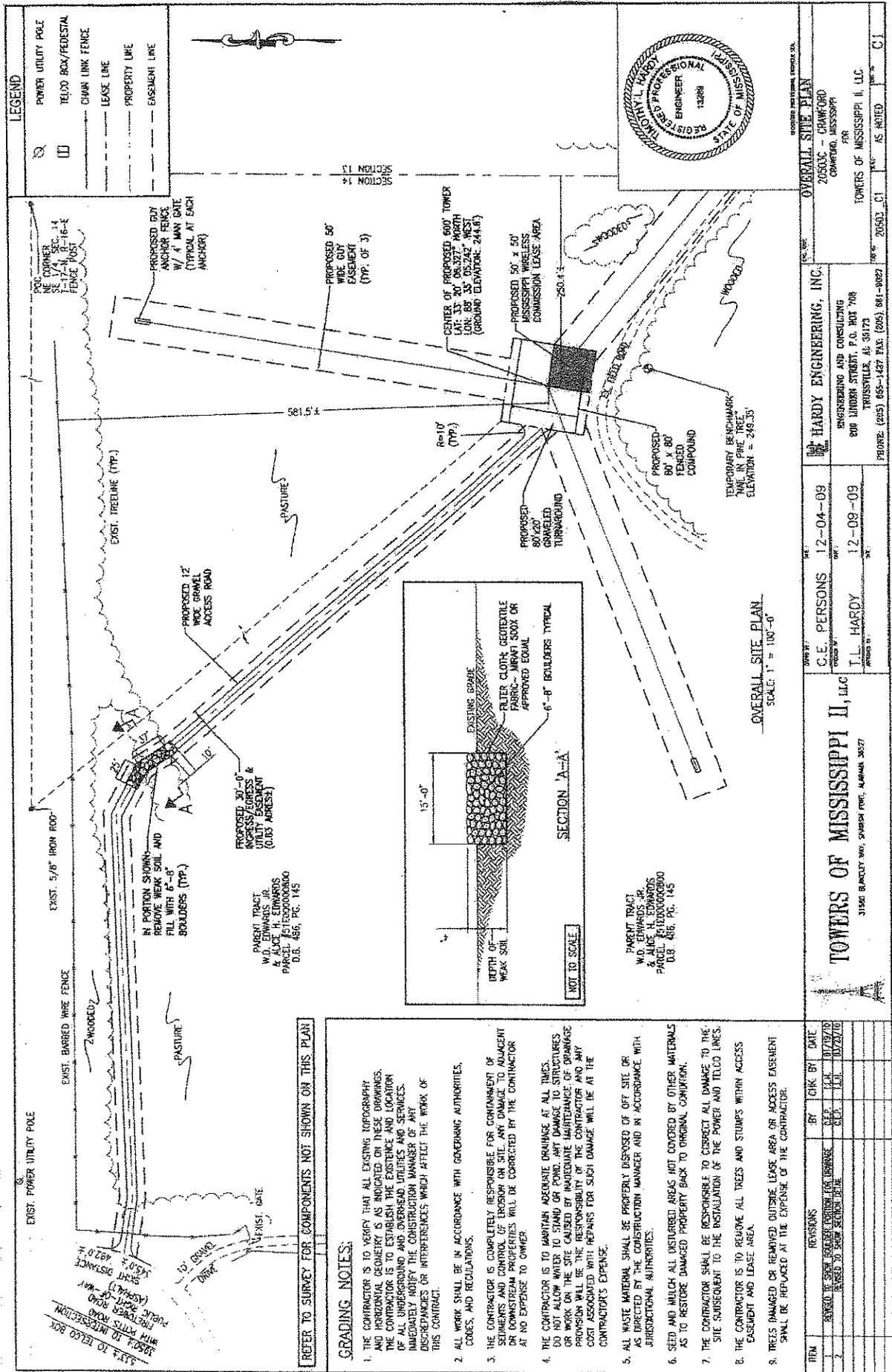
Scale: 1" = 2,000'



Proposed MSWIN 20503C Communications Tower, Crawford, Lowndes County, Mississippi

JSE01P0921

Figure 3



LEGEND

- POWER UTILITY POLE
- TELCO BOX/FEDERAL
- CHAIN LINK FENCE
- LEASE LINE
- PROPERTY LINE
- EASEMENT LINE



OVERALL SITE PLAN

TOWERS OF MISSISSIPPI II, LLC
 3150 BUCKLEY HWY, SPANISH FORT, ALABAMA 36577

C.E. PERSONS 12-04-09
 T.L. HARDY 12-09-09

HARDY ENGINEERING, INC.
 ENGINEERING AND CONSULTING
 809 LINDEN STREET, P.O. BOX 708
 TRUSSVILLE, AL 35173
 PHONE: (205) 685-1427 FAX: (205) 681-9822

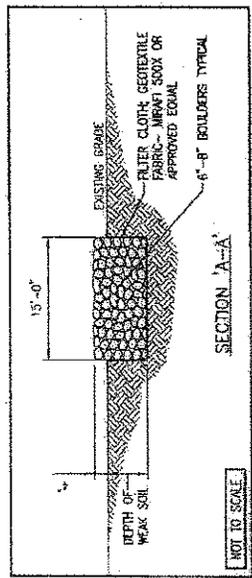
ITEM	REVISIONS	BY	CHK BY	DATE
1	REVISED TO SHOW SLOTTED DRAINAGE	CLP	T.L.H.	07/19/10
2	REVISED TO SHOW SECTION LINE	CLP	T.L.H.	07/20/10

GRADING NOTES:

- THE CONTRACTOR IS TO VERIFY THAT ALL EXISTING TOPOGRAPHY AND HORIZONTAL GEOMETRY IS AS INDICATED ON THESE DRAWINGS. THE CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND SERVICES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCES WHICH AFFECT THE WORK OF THIS CONTRACT.
- ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES, CODES, AND REGULATIONS.
- THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR OBTAINMENT OF PERMITS AND CONTROL OF EROSION ON SITE. ANY DAMAGE TO ADJACENT OR CONVERSE PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO OWNER.
- THE CONTRACTOR IS TO MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR POOL. ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY INADEQUATE MAINTENANCE OF DRAINAGE PROVISION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.
- ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF SITE OR AS DIRECTED BY THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH JURISDICTIONAL AUTHORITIES.
- SEED AND MULCH ALL UNDISTURBED AREAS NOT COVERED BY OTHER MATERIALS AS TO RESTORE DAMAGED PROPERTY BACK TO ORIGINAL CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ALL DAMAGE TO THE SITE SUBSEQUENT TO THE INSTALLATION OF THE POWER AND TELCO LINES.
- THE CONTRACTOR IS TO REMOVE ALL TREES AND STUMPS WITHIN ACCESS EASEMENT AND LEASE AREA.
- TREES DAMAGED OR REMOVED OUTSIDE LEASE AREA OR ACCESS EASEMENT SHALL BE REPLANTED AT THE EXPENSE OF THE CONTRACTOR.

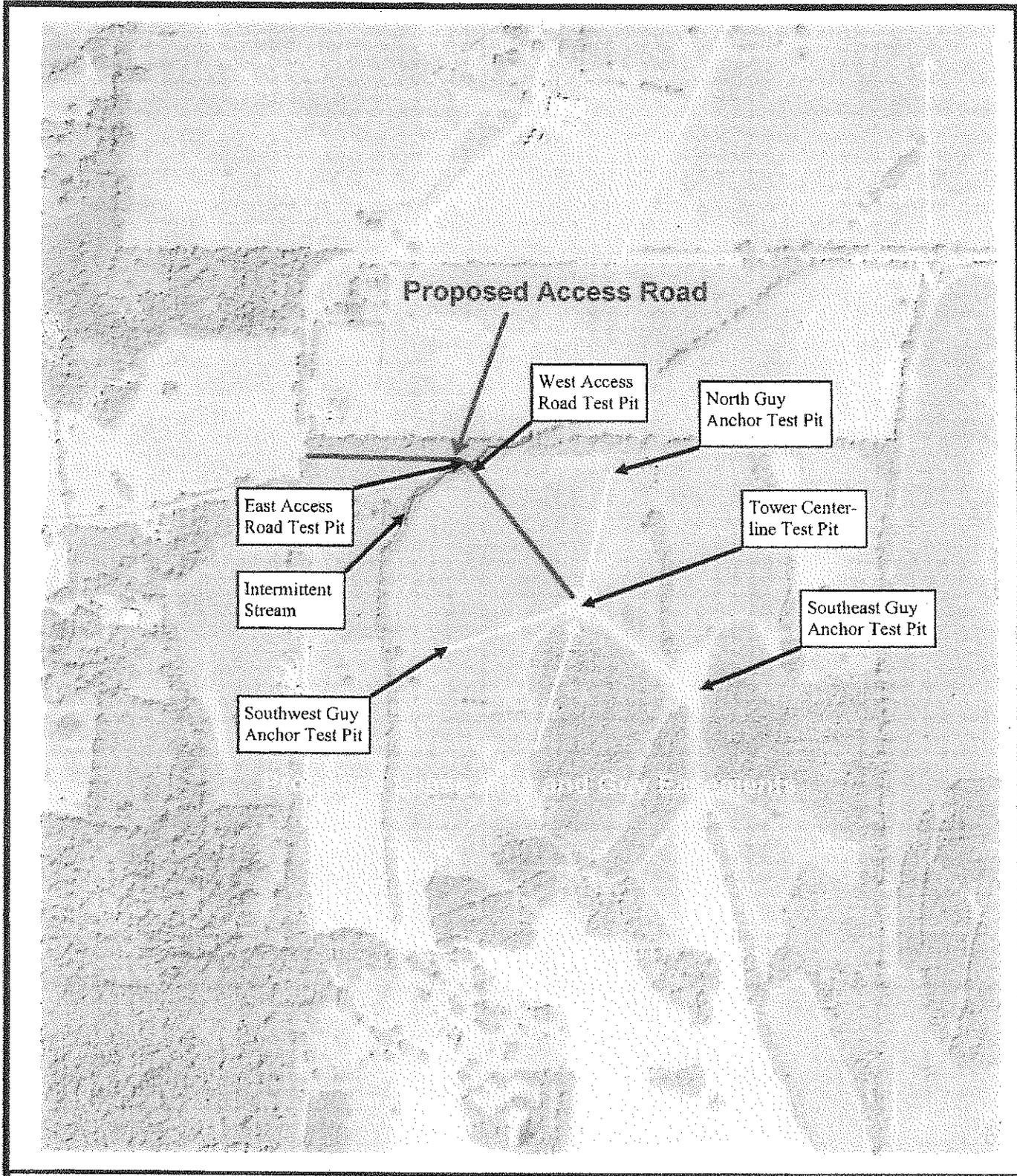
REFER TO SURVEY FOR COMPONENTS NOT SHOWN ON THIS PLAN

337'4" TO TELCO BOX
 337'4" TO INTERSECTION
 WITH SPURS ROAD
 POWER POLES
 100' TO 150' FROM
 SPURS ROAD
 100' TO 150' FROM
 SPURS ROAD



OVERALL SITE PLAN
 SCALE: 1" = 100'-0"

3-26-10



Environmental Engineers, Inc.

Subject:
Response to Additional Information Request
Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi
Project No.: JSE01P0921

2007 Aerial Photograph

Scale: Unknown

RECEIVED
3-26-10

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): 30 March 2010

B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD: Chad Stinnett
Environmental Engineers, Inc.
11578 U.S. Highway 411
Odenville, Alabama 35120

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: Mobile CESAM-RD-I-S, Towers of Mississippi MSWIN 20503C Crawford Communications Tower, SAM-2009-01619-LET

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: (USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State: Mississippi County/parish/borough: Lowndes City: Crawford
Center coordinates of site (lat/long in degree decimal format): Lat. 33.336278° N, Long. - 88.585822° W.
Universal Transverse Mercator: Zone 16 X: 352511.29 Y: 3689556.39
Name of nearest waterbody: Unnamed Tributary to South Branch of Magowah Creek

Identify (estimate) amount of waters in the review area:

Non-wetland waters: Approximately 12 linear feet: 4 width (ft) and/or 0.001 acres.
Cowardin Class: PFO1
Stream Flow: Seasonal RPW
Wetlands:
Cowardin Class:

Name of any water bodies on the site that have been identified as Section 10 waters:
Tidal: N/A
Non-Tidal: N/A

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):
Office (Desk) Determination. 30 March 2010
Field Determination. Date(s): 14 January 2010 by Environmental Engineers, Inc.

1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the

activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable. This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for preliminary JD (check all that apply -

checked items should be included in case file and, where checked and requested, appropriately reference sources below):

Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:

Maps and plans submitted by Environmental Engineers, Inc.

Data sheets prepared/submitted by or on behalf of the applicant/consultant.

Environmental Engineers, Inc.

Office concurs with data sheets/delineation report.

Office does not concur with data sheets/delineation report.

Data sheets prepared by the Corps:

Corps navigable waters' study:

U.S. Geological Survey Hydrologic Atlas:

USGS NHD data.

USGS 8 and 12 digit HUC maps. **03160106**

U.S. Geological Survey map(s). **1:24,000 Crawford East, MS**

USDA Natural Resources Conservation Service Soil Survey. Citation: **Natural Resources Conservation Service, United States Department of Agriculture.**

Web Soil Survey Lowndes County, Mississippi. Available online at <http://websoilsurvey.nrcs.usda.gov/> accessed [11/06/2009]

National wetlands inventory map(s). Cite name: Crawford East, MS digital data from USFWS NWI on-line wetlands mapper at <http://www.fws.gov/wetlands/Data/mapper.html>

State/Local wetland inventory map(s):

FEMA/FIRM maps: Lowndes County, Mississippi and Incorporated Areas, Map No. 28087C0150J, Effective Date September 7, 1998.

100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)

Photographs: Aerial (Name & Date): Color aerial photography from Google Earth, color aerial photography provided on NCSS web soil survey maps, and 2007 color aerial photography provided by Environmental Engineers, Inc.

or Other (Name & Date): Color digital photographs provided by Environmental Engineers, Inc. in project information received 28 January 2010.

Previous determination(s). File no. and date of response letter:

Other information (please specify):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

 30 March 2010
Signature and date of
Regulatory Project Manager
(REQUIRED)

Signature and date of
person requesting preliminary JD
(REQUIRED, unless obtaining the
signature is impracticable)

Site number	Latitude	Longitude	Cowardin Class	Estimated amount of aquatic resource in review area	Class of aquatic resource
Rock stream crossing	33.336278°N	-88.585822°W	PFO1	Approximately 12 linear feet of 4 foot wide stream	non-section 10 non-wetland

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant : Towers of Mississippi [Crawford Communications Tower MSWIN 20503C], Attn: Taylor Robinson		File Number: SAM-2009-1619-LET	Date: 31 Mar 2010
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of Permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of Permission)		B
	PERMIT DENIAL		C
	APPROVED JURISDICTIONAL DETERMINATION		D
XX	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I- The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the District Engineer. Your objections must be received by the District Engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the District Engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or, (c) not modify the permit, having determined that the permit should be issued as previously written. After evaluating your objections, the District Engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the District Engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the Division Engineer. This form must be received by the Division Engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the Division Engineer. This form must be received by the Division Engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION (JD): You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the Division Engineer. This form must be received by the Division Engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the Preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION

If you have questions regarding this decision and/or the appeal process you may contact:

LESLIE E. TURNEY
MOBILE DISTRICT CORPS OF ENGINEERS
CESAM-RD-I-S
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001
(251) 694-3873

If you only have questions regarding the appeal process you may also contact:

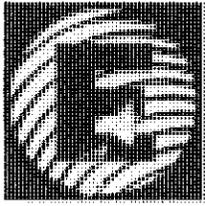
RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

Appendix L



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental, Remediation, and Geological Consultants

October 20, 2009

Mr. Homer L. Wilkes, State Conservationist
U.S. Department of Agriculture, Natural Resources Conservation Service
100 W. Capital Street
Suite 1321 Federal Building
Jackson, MS 39269

Subject:

Request for Project Review

**Proposed MSWIN 20503 C Crawford Communications Tower
Crawford, Lowndes County, Mississippi**

Environmental Engineers, Inc. Project No.: JSE01P0921

Dear Mr. Wilkes:

Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Lowndes County, Mississippi. This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Crawford East, Mississippi," dated 1987. The site is located in the northeast $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 14, Township 17 North, Range 16 East, Lowndes County, Mississippi, at latitude $33^{\circ} 20' 06.3''$ north and longitude $88^{\circ} 35' 05.2''$ west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located at 3277 Firetower Road, Crawford, Lowndes County, Mississippi, 39743. Proposed activities consist of construction of a 650-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is located in "Zone X" (no shading) of the Flood Insurance Rate Map Community Panel No. 28087C0150J which bears an effective date of September 7, 1998 and is not in a special flood hazard area. I have included a site location map, site photographs, and the portion of the 2007 aerial photograph depicting the site for your review.

Phone: (205) 629-3868 • Fax: (877) 847-3060

Environmental Engineers, Inc. has been retained by Towers of Mississippi and the State of Mississippi to prepare an Environmental Assessment (EA) for the proposed project. Please reference the Environmental Engineers, Inc. project number (JSE01P0921) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please contact me by telephone at (205) 629-3868, electronic mail at hfisher@envciv.com, or U.S. mail at the letterhead address if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

A handwritten signature in black ink, appearing to read 'H. Fisher', written over the company name.

Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map, Site Photographs, Aerial Photograph

7007 2680 0002 3656 3788

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PS Form 3800, August 2006 See Reverse for Instructions

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<p>1. Article Addressed to: <u>Mr. Homer L. Wilkes, State Conservationist</u> <u>US Dept. of Agriculture, NRCS</u> <u>100 W. Capital Street</u> <u>Suite 1321 Federal Building</u> <u>Jackson, MS 39209</u></p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
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United States Department of Agriculture



Natural Resources Conservation Service
Suite 1321, Federal Building
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ENVIRONMENTAL ENGINEERS

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November 4, 2009

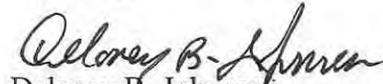
Henry A. Fisher, P.E.
Principal Engineer
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, AL 35120

Dear Mr. Fisher:

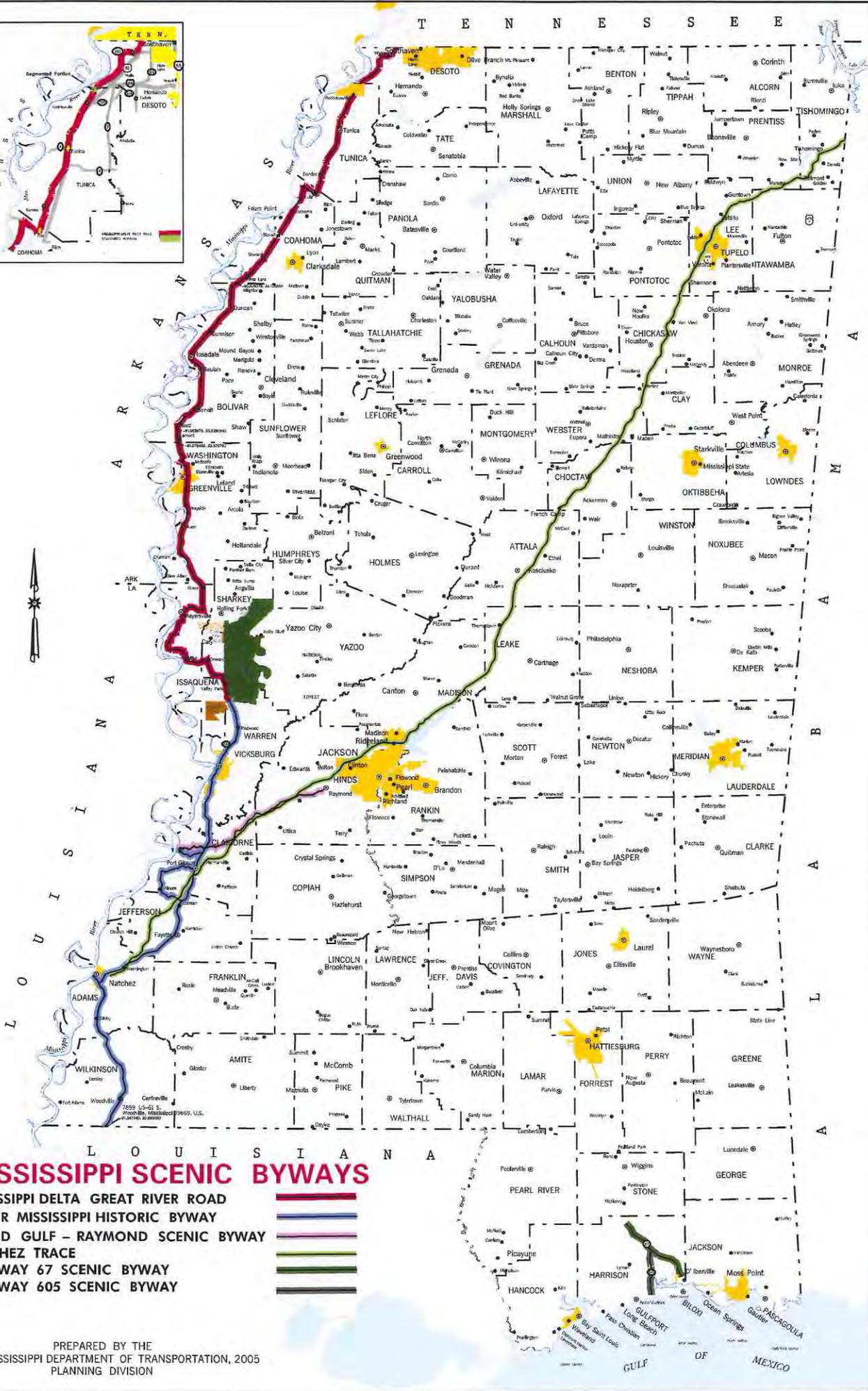
This is in response to your letter dated October 20, 2009, regarding the Proposed MSWIN 20503 C Crawford Communications Tower in Crawford in Lowndes County, Mississippi.

Permanent conversion of farm land is not proposed; therefore a FPPA determination is not required.

Sincerely,


Delaney B. Johnson
State Soil Scientist

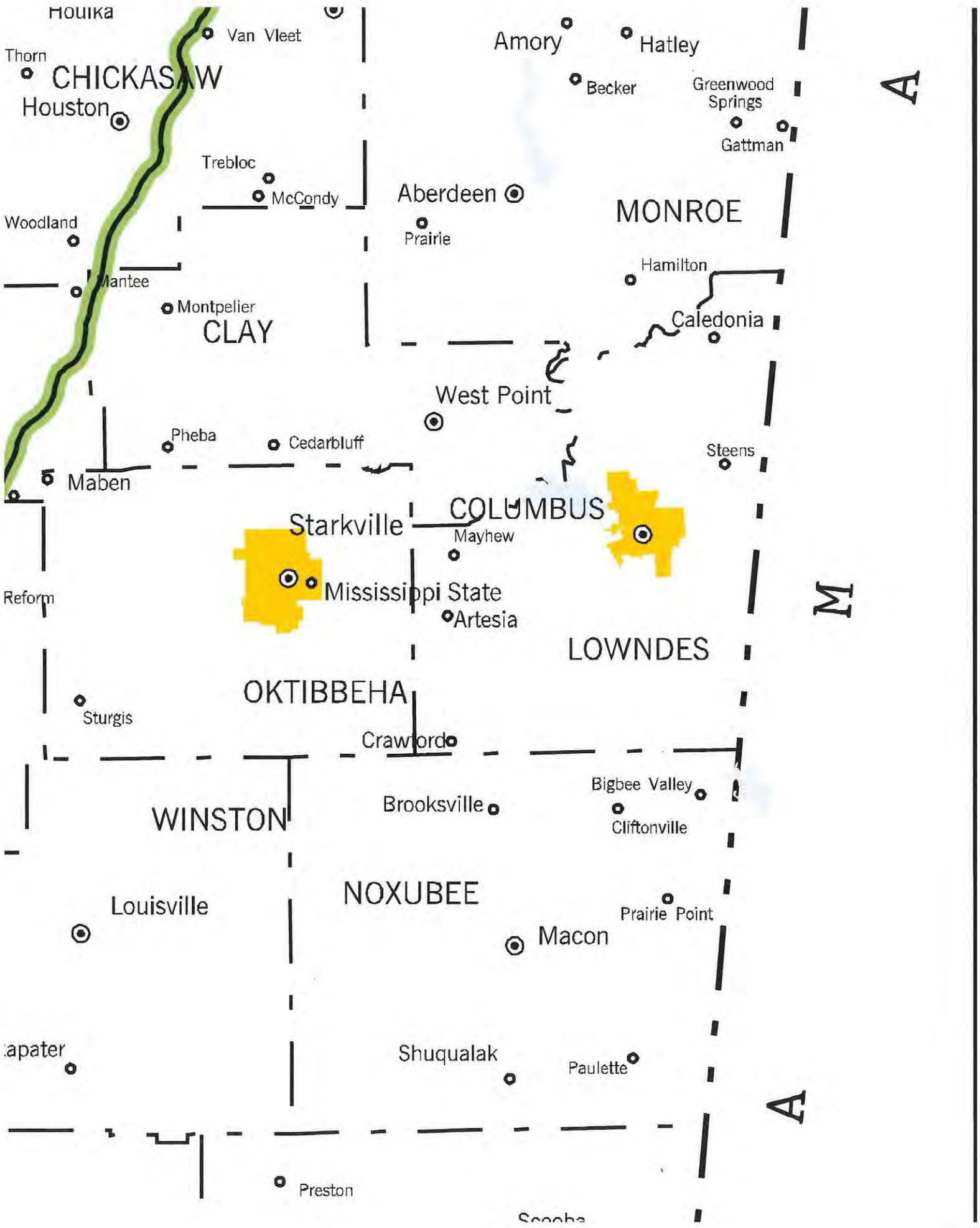
Appendix M



MISSISSIPPI SCENIC BYWAYS

- MISSISSIPPI DELTA GREAT RIVER ROAD
- LOWER MISSISSIPPI HISTORIC BYWAY
- GRAND GULF - RAYMOND SCENIC BYWAY
- NATCHEZ TRACE
- HIGHWAY 67 SCENIC BYWAY
- HIGHWAY 605 SCENIC BYWAY

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A

M

A

Appendix N

Search

National Wild & Scenic Rivers



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Black Creek

Mississippi

*DeSoto National Forest
 654 West Frontage Road
 Wiggins, Mississippi 39577*

Designated Reach: October 30, 1986. The segment from Fairley Bridge Landing upstream to Moody's Landing.

Classification/Mileage: Scenic — 21.0 miles; Total — 21.0 miles.

This scenic southern river features deep, black water and contrasting white sand bars as it follows a meandering course through Mississippi's coastal plain. The river and area provide a variety of opportunities for backpacking and fishing and six launch points provide for canoeing.



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Black Creek Wild and Scenic River, Mississippi

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National Wild & Scenic Rivers







National System	Management	Information	Publications	Site Navigation	Rivers & Trails	Contact Us
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Designated Wild & Scenic Rivers

Rivers that pass through several states may have segments in each state designated. For example, the Klamath River has designations in California and Oregon. Many rivers also have numerous tributaries designated (e.g., Washington's Skagit River). Multiple listings of some rivers indicate more than one segment of the river is designated (e.g., the Missouri River in Nebraska).

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- [Instructions for the National Atlas Wild & Scenic Rivers Site \(PDF\)](#).
- [GIS shape files of the National Wild & Scenic Rivers System \(270 KB Self-Extracting Zipped File\)](#).

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