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**DRAFT ENVIRONMENTAL ASSESSMENT
State of Mississippi MSWIN 20117 Communications Facility
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907**

Prepared for:
Towers of Mississippi
Spanish Fort, Alabama

&

State of Mississippi
Jackson, Mississippi

&

Federal Emergency Management Agency
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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 Mississippi Highway 1. 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 built 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 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 20117 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 330-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 are 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 “Whiting Bayou, Mississippi - Louisiana,” dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46’14.59” north and longitude 91°03’23.918” west (Figure 1). The site consists of a proposed communications facility located off Mississippi Highway 1 near Fitter, Mississippi. At the time of the site reconnaissance, the site was a portion of an agricultural field planted in corn. The site and access are generally level. Access to the site is provided by an existing field road approximately 3,000 feet in length that enters the site from the southeast. Proposed activities by the State of Mississippi consist of installation of communications antennae and associated cable on a 330-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 and 4. Copies of the site development plans are 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?	_____	<u>X</u>
2. Will this facility be located in an officially designated wildlife preserve?	_____	<u>X</u>
3. Will this facility affect listed threatened or endangered species or designated critical habitats?	_____	<u>X</u>
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?	_____	<u>X</u>
7. Will the facility be located in a floodplain?	<u>X</u>	_____
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?	_____	<u>X</u>
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 development plans prepared by Hardy 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 Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Quapaw Tribe of Oklahoma, 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. Soils information published in the USDA's Soil Survey of Issaquena County, Mississippi, issued 1959.
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 facility was submitted to the USFWS by Environmental Engineers, Inc. The USFWS responded via letter dated August 19, 2009 stating "...the Service (USFWS) determines that this project will have no effect on listed species or critical habitat." 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 medium intensity flashing white obstruction lights (day and night) 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 330-foot guyed tower in the air is roughly 2,970 square feet whereas the impact area of a 330-foot self -supporting tower is much larger at 16,335 square feet (a 550% 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 June 22, 2009. The FCC assigned Notification I.D. #53023 to the notification submitted for this proposed wireless telecommunications tower. The FCC sent an electronic mail notification to our office on June 26, 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 geographic 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: Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Quapaw Tribe of Oklahoma, 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. The MDAH responded via letter dated July 31, 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 Choctaw Nation of Oklahoma

Ms. Caren Johnson of the Choctaw Nation of Oklahoma responded via electronic mail on July 31, 2009 stating that "The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 53023 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 from the Choctaw Nation of Oklahoma are included in Appendix I.

4.5.2 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 June 26, 2009 and the end of the 30-day period indicated by the Kialegee Tribal Town was July 26, 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.

4.5.3 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 July 18, 2009 and the end of the 30-day period indicated by the Mississippi Band of Choctaw Indians was August 17, 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.

4.5.4 Quapaw Tribe of Oklahoma

Ms. Wendy Huntzinger of Conner & Winters, LLP responded on behalf of Quapaw Tribe of Oklahoma via electronic mail dated November 13, 2009 stating “Based on the information you have provided for TCNS ID 53023 the Quapaw Tribe of Oklahoma has no immediate concerns or issues regarding this project at this time...it is requested that in the event that any human remains and/or funerary objects are discovered that you cease work and contact us immediately.” Copies of the correspondence to and from the Quapaw Tribe of Oklahoma are included in Appendix I.

4.5.5 Seminole Tribe of Florida

Ms. Dawn Hutchins of the Seminole Tribe of Florida (STOF) responded via TCNS on July 29, 2009 in response to TCNS #53023 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 July 18, 2009, and the end of the 30-day response period as indicated by Mr. Barbry was August 17, 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 the Tunica-Biloxi Indians of Louisiana 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
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
Quapaw Tribe of Oklahoma	Ms. Wendy Huntzinger	(918) 586-8953
Seminole Tribe of Florida	Ms. Dawn Hutchins	(863) 902-1113 x103
Tunica-Biloxi Indians of Louisiana	Mr. Earl Barbry, Jr.	(318) 253-0213 x6851

4.7 LOCAL GOVERNMENT/PUBLIC NOTICE

The Issaquena County Board of Supervisors was contacted via letter dated July 9, 2009 for comment regarding impacts to historical or cultural sites listed on or eligible for listing on the NRHP by construction of the proposed wireless communications tower. We have not received a response to our correspondence from the Issaquena County Board of Supervisors as of the date of this report. Mr. Taylor Robinson of Towers of Mississippi forwarded a letter dated October 15, 2009 from Mr. Charles Weissinger, Jr., Attorney for the Issaquena County Board of Supervisors, which states "...there are no special permitting or zoning requirements which have been passed by the Board which would limit or prohibit the construction or wireless communications towers." A public notice was published in the *Deer Creek Pilot* on June 25, 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 our correspondence to the Issaquena County Board of Supervisors, the correspondence from the Issaquena County Board of Supervisors provided by Mr. Taylor Robinson, and the public notice are included in Appendix J.

5.0 FLOODPLAIN INFORMATION

According to the Federal Emergency Management Agency's (FEMA) Flood Hazard Boundary Map (FHBM) "Page 5 of 9, Issaquena County, Mississippi Unincorporated Areas" effective date February 24, 1978 and converted by letter dated February 1, 1990, the site is located in Zone A which is described as a special flood hazard area – based flood elevations not determined. Therefore, the site is located in a floodplain. The flood plain in the vicinity of this site extends at least three miles in each direction from the proposed project and no alternate sites meeting the technical requirements for this



project were identified outside the floodplain. The portion of the FEMA FHBM depicting the site is included as Figure 5.

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. Elevating the equipment will minimize the environmental impacts associated with construction within the 100-year floodplain. In this way, expected damages from a 100-year flood event are expected to be negligible. No significant environmental impact associated with increased impermeable surface within the floodplain is expected to result from the proposed action.

6.0 WETLANDS AND SENSITIVE VEGETATION DELINEATION

Information on the USFWS Wetlands Geodatabase website (digital NWI map) was reviewed to determine if any wetlands were delineated on or near the site. No wetlands were depicted on or near the site. A copy of a portion of the Digital NWI map containing the site has been included as Figure 6.

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 July 15, 2009 by Environmental Engineers, Inc. No potential jurisdictional wetland indicators were noted on the site at the time of our site reconnaissance.

In addition, information regarding the proposed project was submitted to the Department of the Army Corps of Engineers (COE) for review. The COE provided a copy of a letter dated October 26, 2009 to Mr. Taylor Robinson of Towers of Mississippi stating “Based upon the information provided, it appears that Department of the Army permit requirements for the proposed work will be authorized by Nationwide Permit No. 14, as specified in the March 12, 2007, Federal Register, Issuance of Nationwide Permits; Notice (72 FR 11092-11198)...” Copies of the correspondence to and from the Department of the Army are included as Appendix K.

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.

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 Issaquena County, Mississippi, issued 1959, site soils are classified as Tunica clay, zero to two percent slopes. This soil is located at higher elevations in slack-water areas. The surface layer of this soil is typically very dark grayish-brown clay about six inches thick. The subsoil is very dark grayish-brown and dark grayish-brown clay with a few fine distinctive mottles of yellowish-brown from six to 18 inches; dark gray clay with yellowish-brown mottles from 18 to 28 inches; dark brown and dark grayish-brown silty clay loam with yellowish-brown mottles from 28 to 36 inches; and pale brown to light yellowish-brown silt loam with yellowish-brown and yellow mottles from 36 to 45 inches.

EEI submitted information regarding the proposed project to the USDA NRCS office in Jackson, Mississippi via letter dated October 13, 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 site is located approximately 3,000 feet north of the Great River Road, a National Scenic Byway or All-American Road. The proposed activity by the State of Mississippi will include installation of antennae and cable on a tower to be constructed and owned by Towers of Mississippi. While the proposed tower and associated antennae will be visible while travelling the Great River Road, the proposed tower and activity by the State of Mississippi (installation of equipment on the proposed tower and placement of associated communications equipment within the proposed tower compound) are not expected to significantly impact views from the Great River Road. Maps showing National Scenic Trails and All-American Roads in the vicinity of the site 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 Issaquena County Board of Supervisors was contacted via letter dated July 9, 2009 for comment regarding impacts to historical or cultural sites listed on or eligible for listing on the NRHP by construction of the proposed wireless communications tower. We have not received a response to our



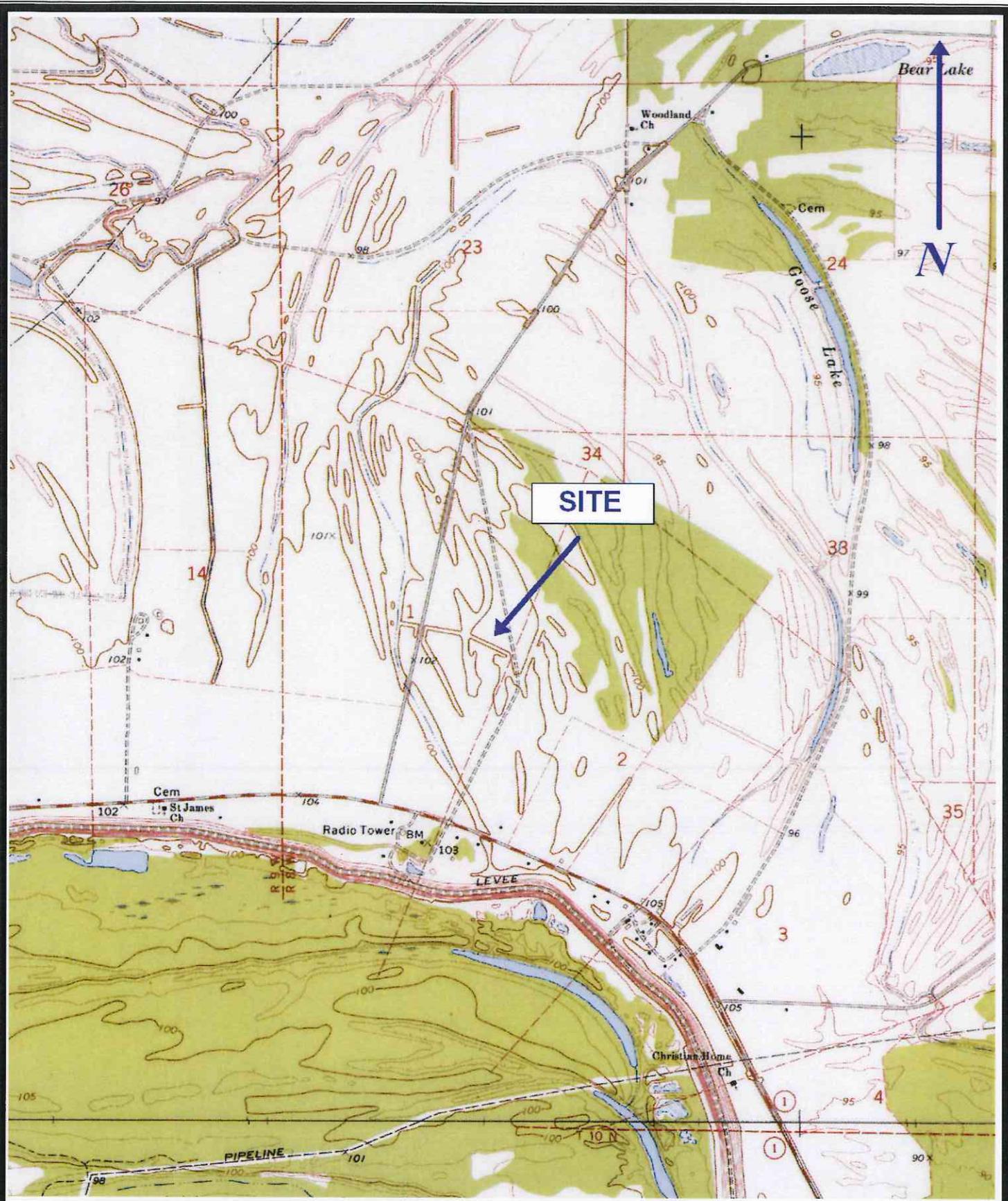
correspondence from the Issaquena County Board of Supervisors as of the date of this report. Mr. Taylor Robinson of Towers of Mississippi forwarded a letter dated October 15, 2009 from Mr. Charles Weissinger, Jr., Attorney for the Issaquena County Board of Supervisors, which states "...there are no special permitting or zoning requirements which have been passed by the Board which would limit or prohibit the construction or wireless communications towers."

12.2 PUBLIC NOTICE

A public notice was published in the *Deer Creek Pilot* on June 25, 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

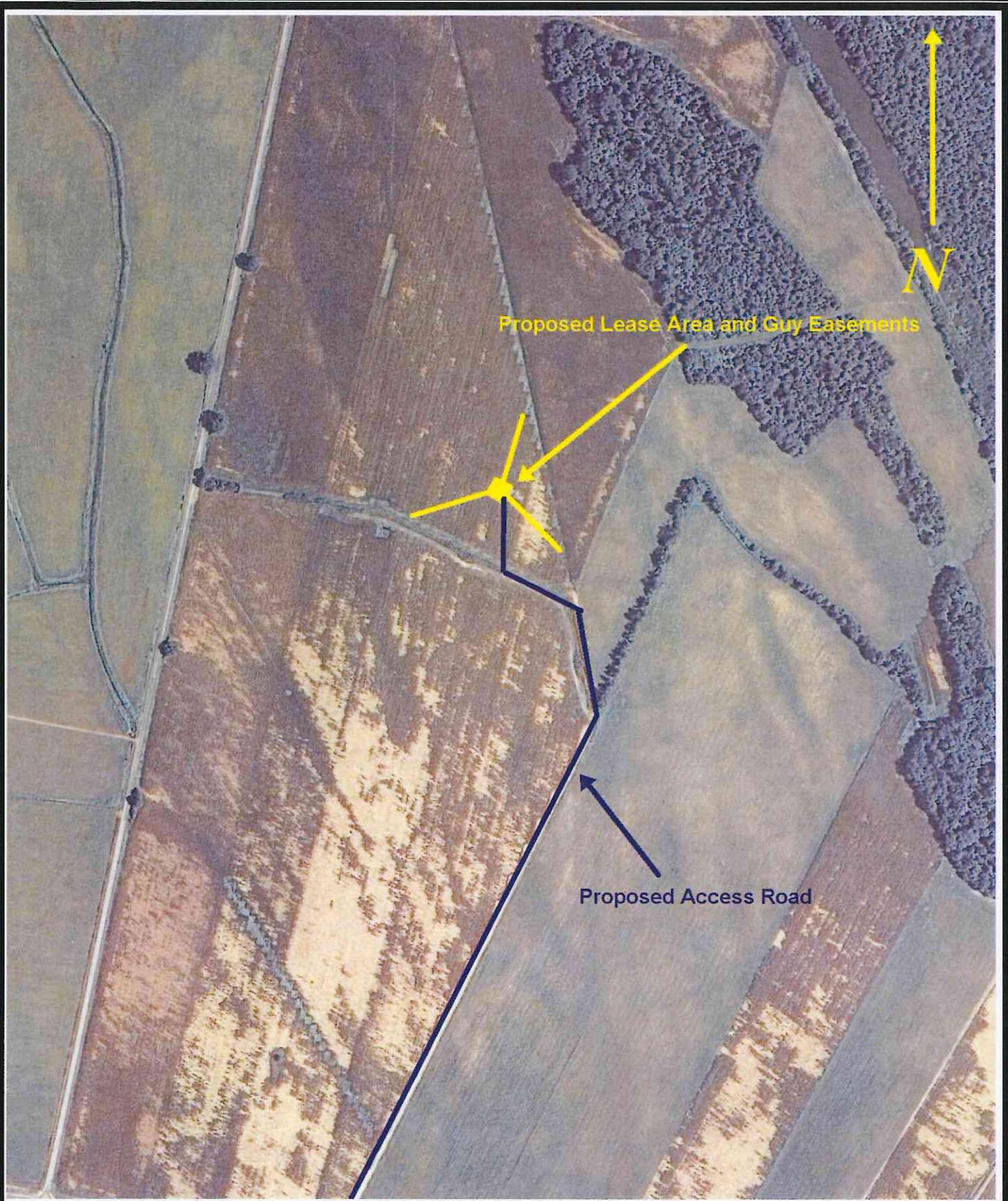


Environmental Engineers, Inc.

Subject:
 Draft Environmental Assessment
 Proposed MSWIN 20117 B Communications Tower
 Rolling Fork, Issaquena County, Mississippi
 Project No.: JSE01P0907

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





Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20117 B Communications Facility
Rolling Fork, Issaquena County, Mississippi
Project No.: JSE01P0907

Figure 2
2007 Aerial Photograph

Not to Scale





Typical views of the site.



Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20117 B Communications Facility
Rolling Fork, Issaquena County, Mississippi
Project No.: JSE01P0907

Figure 3
Site Photographs





Views of the existing site access.



Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20117 B Communications Facility
Rolling Fork, Issaquena County, Mississippi
Project No.: JSE01P0907

Figure 4
Site Photographs



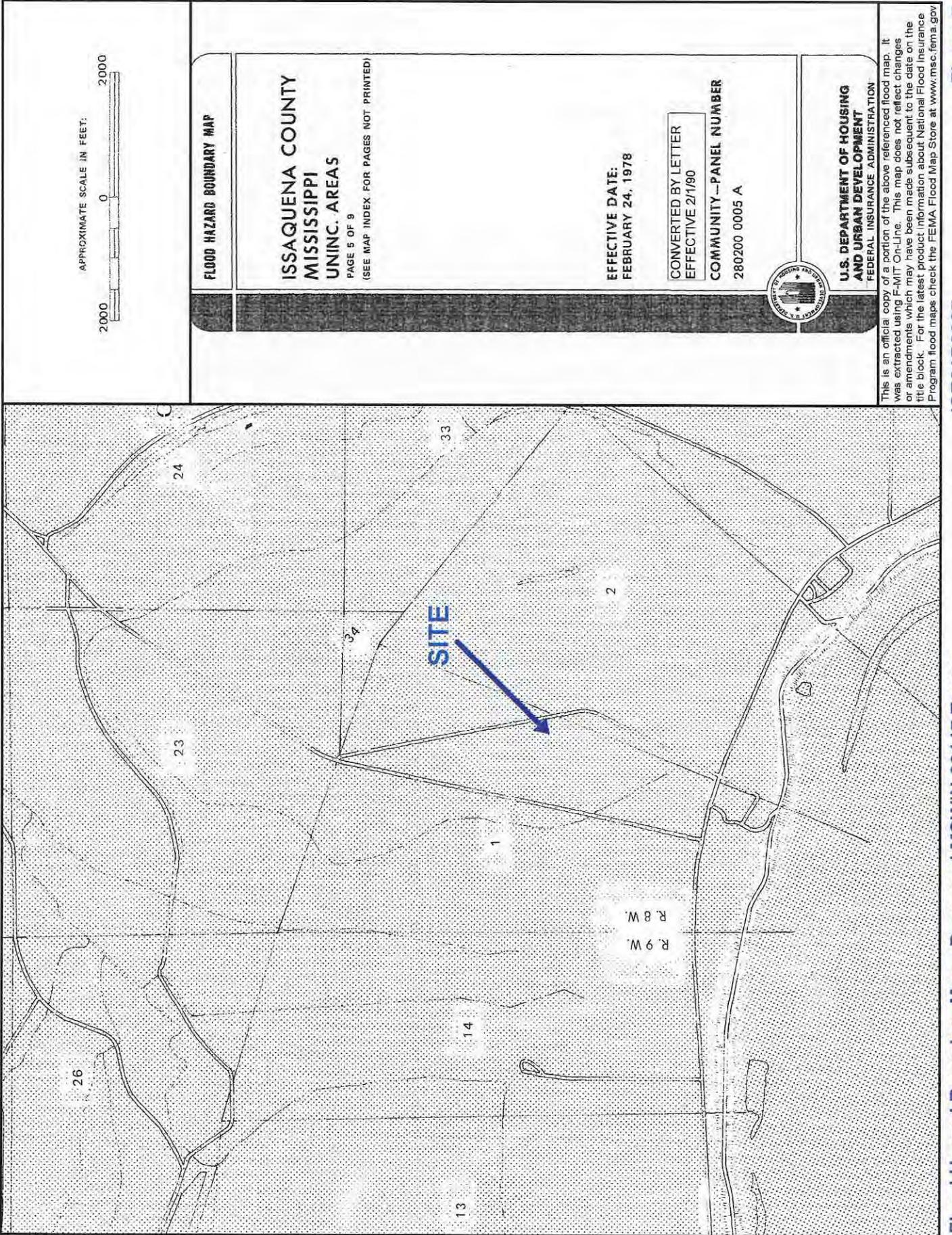
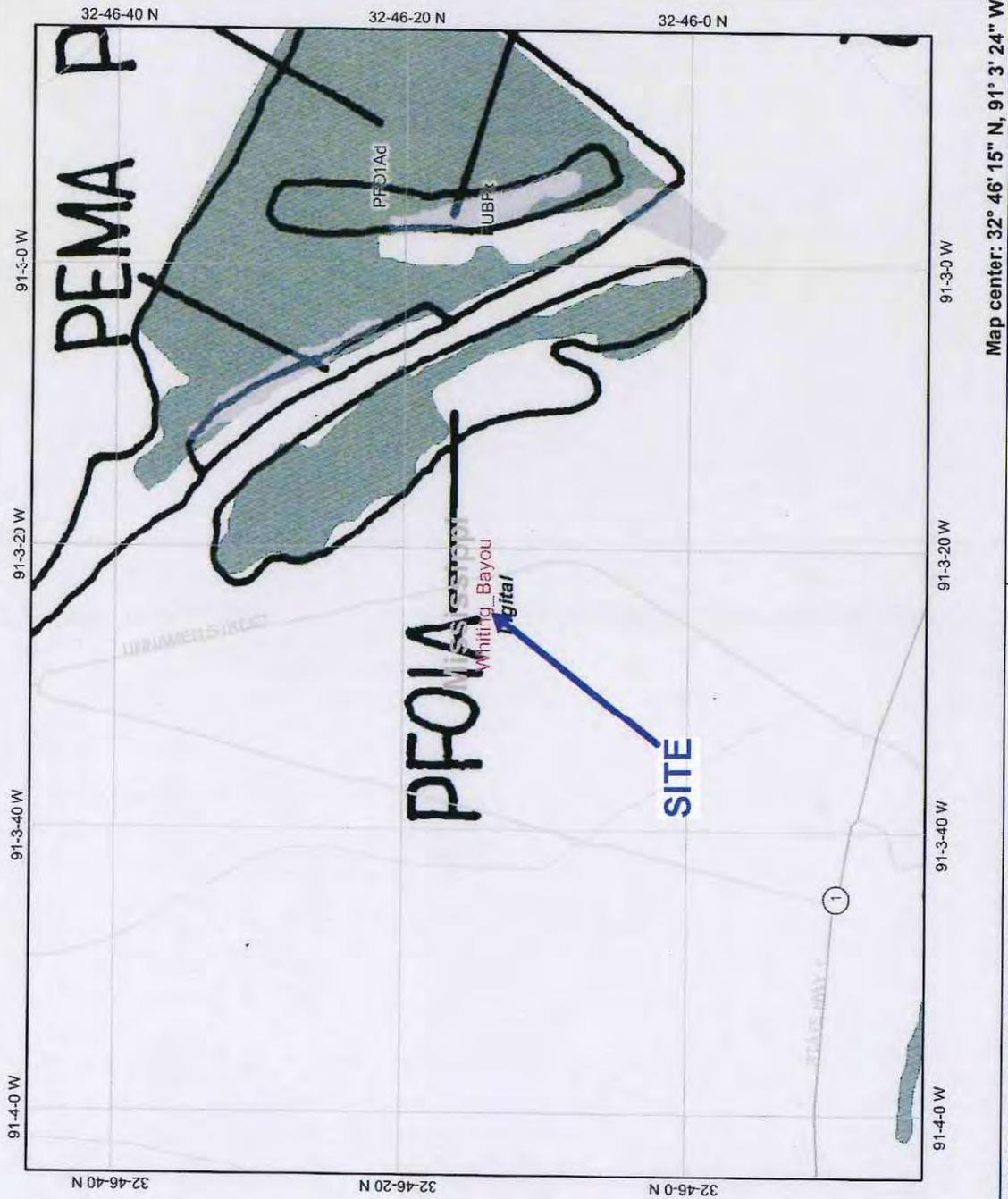
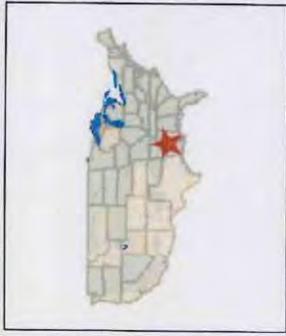


Figure 5

MSWIN 20117 B



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

- Ohio_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 Forest/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Other
 - Riverine
- Lower 48 Available Wetland Data
 - Non-Digital
 - Digital
 - No Data
 - Scan
- NHD Streams
- Courties 100K
- States 100K
 - South America
 - North America

Scale: 1:13,527

Appendix A

GENERAL NOTES:

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANIES, AND ANY AGENCIES THAT MAY BE APPLICABLE TO THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE ARCHITECT ENGINEER HAS MADE A VISUAL CHECK OF THE DRAWINGS AND THE CONTRACTOR'S DRAWINGS AND CONTRACT DOCUMENTS TO SET FORTH THE COMPLETE SCOPE OF WORK. THE CONTRACTOR'S DRAWINGS AND CONTRACT DOCUMENTS SHALL BE RESPONSIBLE FOR ANY OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE PRESENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL SEND THE RESPONSIBILITY OF NOTIFYING (BY WRITING) THE LESSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACT DOCUMENTS TO THE ARCHITECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACT DOCUMENTS, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR (NEEDED) NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIORS TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/TENDOR'S SPECIFICATIONS UNLESS OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION AIDS, SURVEYING TECHNIQUES, SURVEYING, AND PREPARATION AND FOR GUARANTEEING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRASSES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EXISTENCES, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
13. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE. DURING CONSTRUCTION AND THE REST OF ALL DIRT, DEBRIS, RUBBER AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY.
14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
15. THE CONTRACTOR SHALL NOTIFY THE LESSEE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY TYPE WORK THIS IS IN CONFLICT UNTIL CONTACT IS RESOLVED BY THE LESSEE REPRESENTATIVE.
16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK.

SITE DEVELOPMENT PLANS FOR TOWERS OF MISSISSIPPI II, LLC

31560 BLAKELEY WAY, SPANISH FORT, ALABAMA 36527

PHONE: (251) 421-6044, FACSIMILE: (251) 621-0397

SITE No.: 20117 B

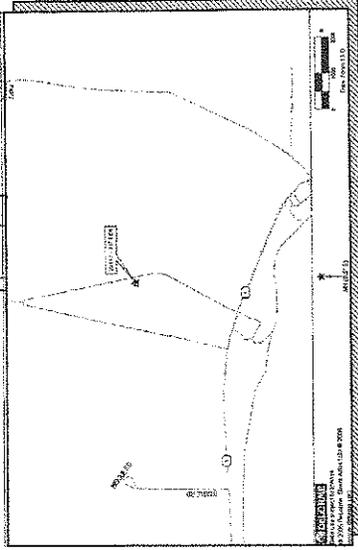
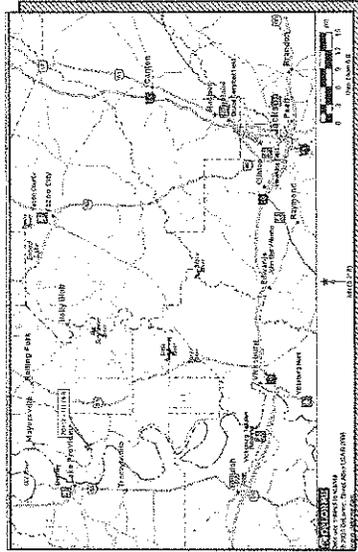
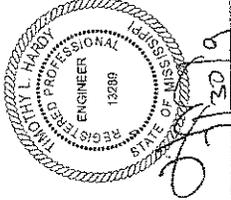
SITE NAME: FITTER

911 ADDRESS: 8701 HIGHWAY 1

ROLLING FORK, MISSISSIPPI 39159

"2C" COORDINATES:
LATITUDE: 32° 46' 14.590" NORTH
LONGITUDE: 91° 03' 23.918" WEST
GROUND ELEVATION: 99.3' AMSL

CALL BEFORE YOU
DIG - DRILL - BLAST
1-800-227-6477
(TOLL FREE)
MISSISSIPPI ONE CALL SYSTEM, INC.



SITE DIRECTIONS:
FROM JACKSON, MS: TAKE I-20 WEST 39 MILES TO EXIT 5A. TAKE HWY. US 61 NORTH FOR 35 MILES TO HWY. 1. TURN LEFT (WEST). FOLLOW HWY. 1 APPROX. 4 MILES TO MOON LAKE RD.. SITE IS ON LEFT.

NOTICE TO CONTRACTORS:
SHOULD ARTIFACTS, ARCHAEOLOGICAL FEATURES, OR HISTORIC STRUCTURES BE DISCOVERED DURING PROJECT ACTIVITIES, STOP WORK IMMEDIATELY AND CONTACT THE TOWERS OF MISSISSIPPI FIELD CONSTRUCTION MANAGER FOR INSTRUCTIONS.

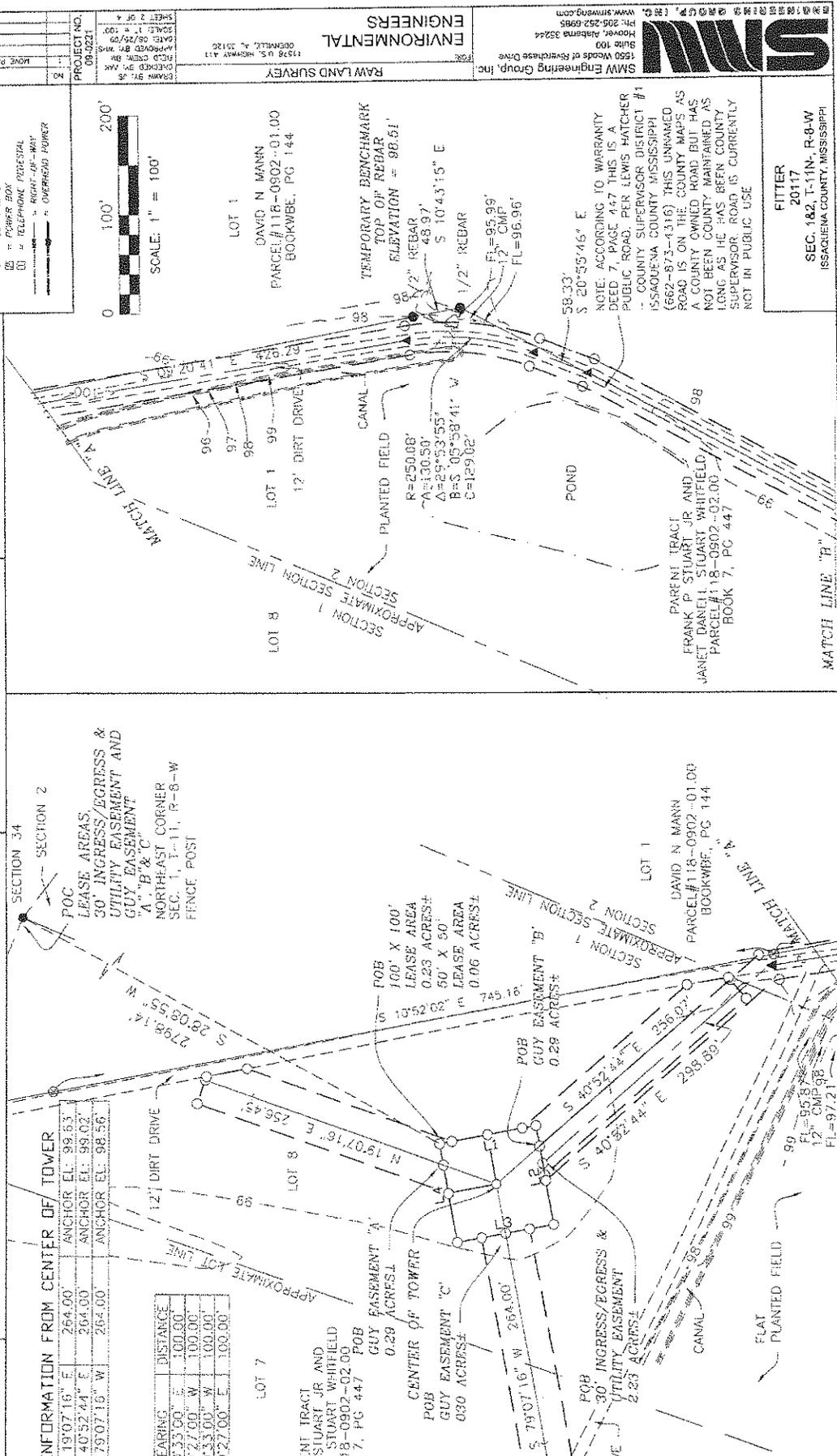
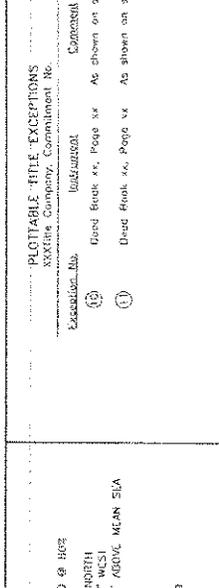
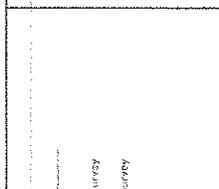
PROPERTY OWNER: FRANK P. STUART, JR. AND DANIEL STUART WHITEFIELD P.O. BOX 58 CART, MISSISSIPPI PHONE: (662) 907-0159	SURVEY SWM Engineering Group, Inc. 208 OAK MOUNTAIN CIRCLE PELHAM, ALABAMA 35124 PHONE: (205) 252-6985 FACSIMILE: (205) 320-1504	LESSEE: MSWIN KESSELYA WIKELISS COMMUNICATION COMMISSION ATTN: BILL BLUFFINGTON 412 EAST WOODROW WILSON MAIL CODE 6801 JACKSON, MISSISSIPPI 39216	ZONING/PERMITTING INFO: (NO ZONING REQUIRED) PARCEL ID: No. 176 118-0901-08.00 ISSAQUENA COUNTY	ENGINEER: HARDY ENGINEERING, INC. 209 LINDEN STREET TRUSSVILLE, AL. 35173 PHONE: (205) 855-1427 CONTACT: TIM HARDY	INDEX:	REV.:	DATE:													
					<table border="1"> <tr><td>TS</td><td>TITLE SHEET</td></tr> <tr><td></td><td>SURVEY</td></tr> <tr><td></td><td>GENERAL NOTES</td></tr> <tr><td>C1</td><td>OVERALL SITE PLAN</td></tr> <tr><td>C2</td><td>SITE LAYOUT</td></tr> <tr><td>C3</td><td>GROUNDING LAYOUT</td></tr> <tr><td>C4</td><td>SERVICE BOARD & POLE DETAILS</td></tr> <tr><td>C5</td><td>FENCE DETAILS</td></tr> <tr><td>WI</td><td>WIRING</td></tr> </table>	TS	TITLE SHEET		SURVEY		GENERAL NOTES	C1	OVERALL SITE PLAN	C2	SITE LAYOUT	C3	GROUNDING LAYOUT	C4	SERVICE BOARD & POLE DETAILS	C5
TS	TITLE SHEET																			
	SURVEY																			
	GENERAL NOTES																			
C1	OVERALL SITE PLAN																			
C2	SITE LAYOUT																			
C3	GROUNDING LAYOUT																			
C4	SERVICE BOARD & POLE DETAILS																			
C5	FENCE DETAILS																			
WI	WIRING																			
ELECTRIC CO.: TWIN COUNTY EPA P.O. BOX 158 HOLLANDALE, MS 38748-0158 CONTACT: VESPER BAGLEY (GENERAL MANAGER) PHONE: (662) 842-7635	TELCO CO.: BELL SOUTH CONTACT: CUSTOMER SERVICE PHONE: (888) 757-6500																			

TOWER INFO
 TOWER TYPE: 325' SUTED @ 100'
 LATITUDE: 32°46'4.500" NORTH
 LONGITUDE: 91°02'4.918" WEST
 GROUND ELEVATION: 99.3' ABOVE MEAN SEA LEVEL
 SITE ADDRESS:
 8701 HIGHWAY 1
 HOULING FORK, MS 39139

PLOTTABLE TITLE EXCEPTIONS
 XXXtitle Company, Commitment No. XXXXXXXX
 Excavation: No. 10
 10 Dead fence vs. Page xv As shown on survey
 11 Dead fence vs. Page vi As shown on survey

VICINITY MAP
 CENTER TO TRAIL NORTH
 CONFORMANCE
 TRAIL NORTH TO
 METRIC DECLINATION
 0°32' E
 GPS SCALE FACTOR
 0.100000942

LEGEND
 (SMW)
 FOUND PROPERTY MARKER
 FOUND (POST)
 POB = POINT OF BEGINNING
 POC = POINT OF COMMENCEMENT
 POC = POINT OF ENDING
 (48) = RECORDED INFORMATION
 (X) = POWER POLE
 (X) = POWER BOX
 (X) = GUY ANCHOR
 (X) = TELEPHONE PESTRAL
 (X) = RIGHT-OF-WAY
 (X) = OVERHEAD POWER



GUY WIRE INFORMATION FROM CENTER OF TOWER

LINE	BEARING	DISTANCE
L1	S 10°33'00" E	100.00'
L2	S 79°27'00" W	100.00'
L3	N 10°33'00" W	100.00'
L4	N 79°27'00" E	100.00'

ANCHOR EL: 99.53
 ANCHOR EL: 99.02
 ANCHOR EL: 98.56

NOTICE: ACCORDING TO WARRANTY DEED 7, PAGE 447 THIS IS A PUBLIC ROAD. PER LEWIS HATCHER COUNTY SUPERVISOR DISTRICT #1 155AQUEVA COUNTY MISSISSIPPI (662-873-4316) THIS UNKNOWN ROAD IS ON THE COUNTY MAPS AS A COUNTY OWNED ROAD BUT HAS NOT BEEN COUNTY MAINTAINED AS LONG AS HE HAS BEEN COUNTY SUPERVISOR. ROAD IS CURRENTLY NOT IN PUBLIC USE.

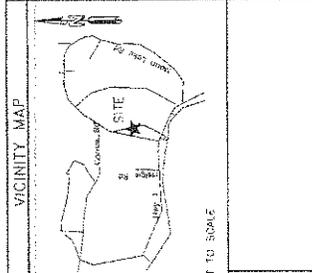
FITTER
 20117
 SEC. 162, T-11N, R-8-W
 ISSAQUEVA COUNTY, MISSISSIPPI

PROJECT NO.	09.0021
DATE	7/23/09
REVISION	
NO.	
BY	

RAWLAND SURVEY
 DRAWN BY: J.S.
 CHECKED BY: J.S.
 FIELD NOTES BY: J.S.
 DATE: 06/25/09
 SCALE: 1" = 100'
 SHEET 2 OF 4

ENVIRONMENTAL ENGINEERS
 5500 Woods of Riverchase Drive
 Suite 100
 Hoover, Alabama 35244
 Tel: 205-252-0885
 www.smmw.com

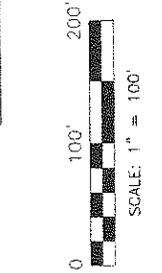
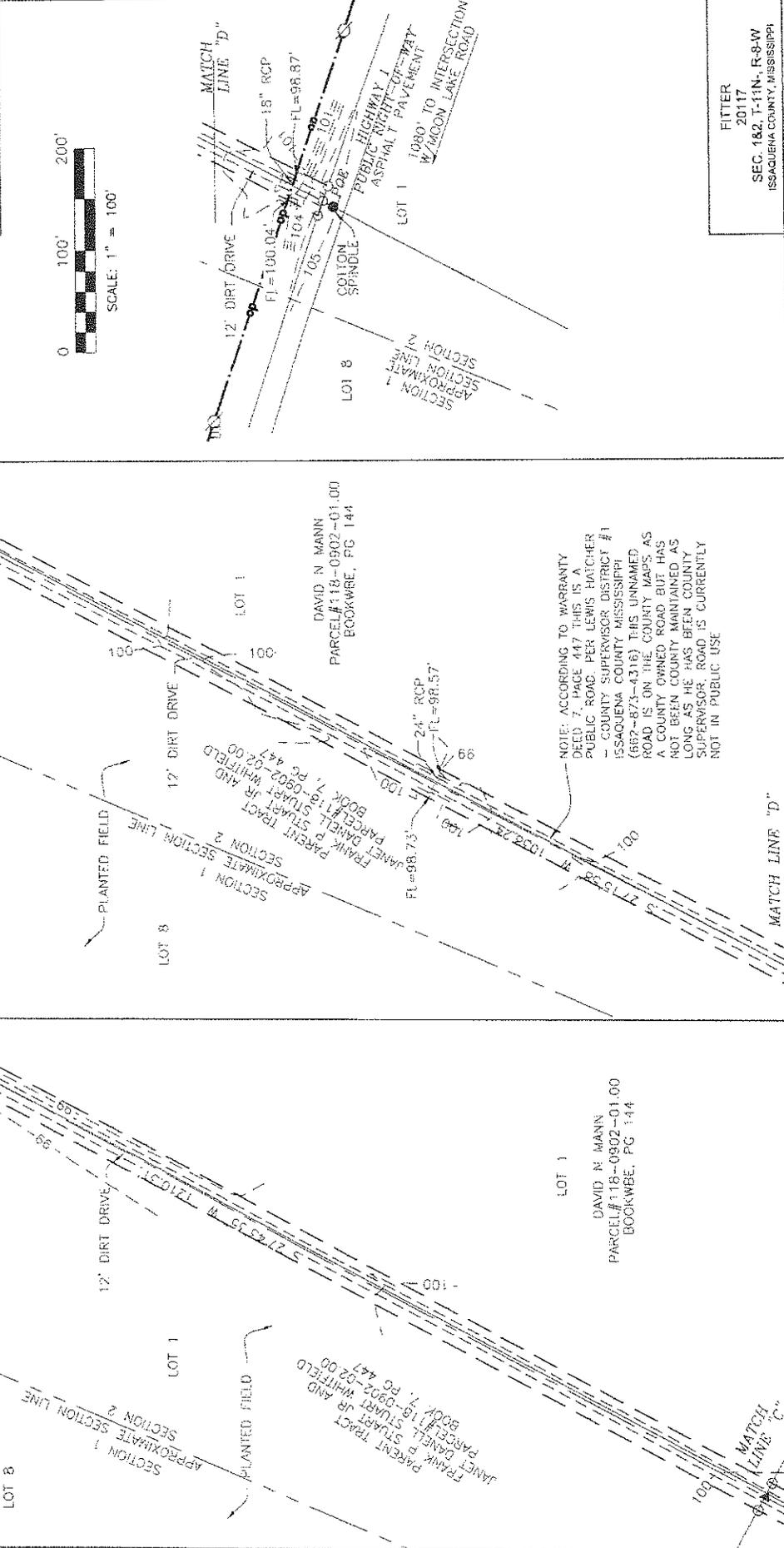
- LEGEND**
- = 7/8" CAPPED REBAR SET
 - = FOUND PROPERTY BARRIET
 - = FOUND FLAME POST
 - = POINT OF BEGINNING
 - = POINT OF COMMENCEMENT
 - = POINT OF FINDING
 - = CALCULATED POINT
 - = RECORDED INFORMATION
 - = POWER POLE
 - = CUT ANCHOR
 - = POWER BOX
 - = TELEPHONE pedestal
 - = RIGHT-OF-WAY
 - = OVERHEAD POWER



MSISSISSIPPI - WEST
 GRID 1 NORTH
 CONTOUR TO TRAIL WORKS
 CONVERGENCE
 -1+0'
 TRUE NORTH TO
 MAGNETIC DECLINATION
 0°33' E
 GPS SCALE FACTOR
 0.99999992

PLOTTABLE FILE EXCEPTIONS
 Axtell Company, Component No. (General)
 (1) Sheet Book xx, Page xx As shown on survey
 (2) Used Book xx, Page xx As shown on survey

TOWER INFO
 TOWER TYPE: 125' GTRD-9 806
 LATITUDE: 47°46'14.650" NORTH
 LONGITUDE: 91°01'23.918" WEST
 GROUND ELEVATION: 99.3' ABOVE MFWAN SEA LEVEL
 SITE ADDRESS:
 8701 HIGHWAY 1
 HOULING FORD, MS 39158



NOTE: ACCORDING TO WARRANTY DEED # 447 THIS IS A PUBLIC ROAD. PER LEWIS HATCHER - COUNTY SUPERVISOR DISTRICT #1 ISSAQUENA COUNTY MISSISSIPPI (687-873-4316) THIS UNNAMED ROAD IS ON THE COUNTY MAPS, AS A COUNTY OWNED ROAD BUT HAS NOT BEEN COUNTY MAINTAINED AS LONG AS HE HAS BEEN COUNTY SUPERVISOR. ROAD IS CURRENTLY NOT IN PUBLIC USE

FITTER
 20117
 SEC. 1&2, T-11N-, R-8-W
 ISSAQUENA COUNTY, MISSISSIPPI

2.6 Submittals

- A. Before construction
 - 1. If landscaping is applicable to the contract, submit two copies of the landscaping plan under nursery letterhead. If a landscape allowance was included in the contract, submit an itemized listing of proposed costs under nursery letterhead (Refer to site plan for landscaping requirement).
- B. After construction
 - 2. Manufacturer's description of product or grass seed and not spread beyond the limits of Owner / leased property unless authorized by project manager.
 - 3. Landscaping warranty statement.

2.7 Warranty

- A. In addition to the warranty on all construction covered in the contract documents, the Contractor shall repair all damage to surrounding property caused by construction.
- B. Landscaping, if included within the scope of the contract, will be guaranteed for one year from date of final inspection.

PART 2 PRODUCTS

2.8 Materials

- A. Fill material - acceptable select fill shall be in accordance with local Department of Transportation standards specifications.
- B. Soil herbicide shall be EPA registered of liquid composition and of pre emergence design.
- C. Soil stabilizer fabric shall be MIRAFL - 500X.

2.9 Equipment

- A. Compacting shall be accomplished by mechanical means.
 - 1. Larger areas shall be compacted by sheeps foot, vibratory or rubber tired rollers weighing at least five tons.
 - 2. Smaller areas shall be compacted by power-driven, hand held tampers.

PART 3 EXCAVATION

2.10 Inspections

- A. Local building inspector shall receive adequate notification in advance of concrete pours.

2.11 Preparation

- A. Clear trees, brush and debris from site area and access road right of way (if required).
- B. Prior to other excavation and construction efforts clear site of organic material to a minimum of six inches below original ground level.
- C. Unless otherwise instructed by the Owner remove trees, brush and debris from the property on an authorized haulfill.
- D. Prior to placement of fill or base materials, proof roll the soil.
- E. Where unstable soil conditions are encountered, cover cleared areas with stabilizer mat prior to placement of fill or base material.

2.12 Installation

- A. The site and turnaround areas shall be at the sub-base course elevation prior to forming foundations. Grade or fill the site and access road as required in order that there is even distribution of spoils resulting from foundation excavations. The resulting grade will correspond with said sub-base course, elevations are to be calculated from finished grades or slopes indicated.
- B. If any excess spoils will be cleared from job site and not spread beyond the limits of Owner / leased property unless authorized by project manager.
- C. The access road shall be brought to base course elevation prior to foundation construction to permit use. Compaction shall be done during construction of the site.
- D. Avoid creating depressions where water may pond, banking, ditching and unless otherwise indicated.
- E. When improving an existing access road, grade the existing road to remove any organic matter and smooth the surface before placing fill.
- F. Place fill or stone in six inch maximum lifts and compact before placing next lift.
- G. The finish grade, including top surface course, shall extend a minimum of one foot beyond the site fence and shall cover the area as indicated.
- H. Rip rap shall be applied to the side slopes of all fenced site areas, parking areas and to all other slopes greater than 2:1.
- I. Rip rap shall be applied to the sides of ditches or drainage swales.
- J. Rip rap shall be applied to the sides of ditches or drainage swales.
- K. Rip rap on either ditch for six feet in all directions at culvert openings.
- L. Under no circumstances will ditches, swales or culverts be placed so they direct water towards or permit standing water immediately adjacent to site. If Owner designs or elevations contact with this guidance the Owner should be advised immediately.
- M. If ditch lies with slopes greater than ten percent, round diversionary headwalls in the ditch of culvert entrances 45 degrees off the ditch line. Rip rap the upstream side of this headwall as well as the ditch for six feet above the culvert entrance.

2.13 Field Quality Control

- A. Compaction shall be at least 95% of maximum density and within 2% of optimum moisture content in accordance with ASTM D-1557. Areas of settlement will be excavated and refilled at Contractor's expense.
- B. All trees placed in conjunction with a landscape contract will be wrapped, tied with hose protected wire and secured to 2 inch x 2 inch x 4 foot wooden stakes extending two feet into the ground on four sides of the trees.

3.4 Quality Assurance

- A. All steel materials utilized in conjunction with this specification will be galvanized or stainless steel. Weight of zinc coating on the fabric shall be not less than 1 ounce per square foot of material covered. ASTM A392, Class 1. Posts shall be hot-dipped in Grade 57 Zinc, 1.8 ounces per square foot.

3.5 Sequencing

- A. If the site area has been brought up to surface course elevation prior to fence construction, fence post excavation shall be controlled to preclude contamination of surface course.

PART 2 PRODUCTS

3.7 Fence Materials

- A. All fabric wire, rolls, poles, hardware and other steel materials shall be hot-dipped galvanized.
- B. Fabric shall be six-foot high, two-inch chain link mesh of No. 8 gauge (0.145") wire. The fabric shall have a rounded finish for the top and bottom surfaces, fabric shall conform to the specifications of ASTM A-392 Class 1.
- C. Barbed wire shall be double-strand, 12-1/2 gauge twisted wire, with 14 gauge 4 point round burbs spaced on five-inch centers.
- D. All posts shall be Schedule - 40 galvanized steel pipe and shall be ASTM F1083, Type 1.
- E. Gate posts shall be extended 12 inches, including dome cap, to provide for attachment of barbed wire.
- F. All top and brace rails shall be 1 1/4" diameter schedule - 40 Type 1 pipe. Frames shall have welded corners.
- G. Gate frames shall have a full-height vertical brace and a full-width horizontal brace, secured in place by use of gate brace clamps.
- H. Gate hinges shall be merchants metal model 64366 hinge adapter with model 6409, degree attachment.
- I. The guide (hatch assembly) shall be merchants metal model 2083.
- J. Latches, stops and keepers shall be provided for all gates.
- K. All stops shall have keepers capable of holding the gate leaf in the open position.
- L. Double gates shall have a full height plunger bar with dome cap 1.
- M. A 7 gauge zinc coated malleable tension wire ASTM A624, Type II, shall be used at the bottom of the fabric, terminated with band clips at corner and gate posts.
- N. A six inch by 1/2 inch diameter eye-bolt to hold tension wire will be placed at line posts.
- O. Stanchion bars shall be hot dipped galvanized steel 3/16" x 3/4" or have equivalent cross sectional area.
- P. All corner gable and end ponds shall have a 3/8 inch stainless steel turnbuckle.
- Q. All posts except gate posts shall have a continuation gape and bonded wire supporting arm. Gate posts shall have a dome cap.
- R. Other hardware includes but may not be limited to tie clips, band clips and tension band clips in conformance with CUFM Manual.

PART 4 SPECIAL ITEMS

2.15 Concrete

- A. Work shall be in accordance with the latest revision of the ACI-318, "Building Code Requirements for Reinforced Concrete".
- B. The concrete shall develop a minimum compressive strength of 4000 psi in 28 days.
- C. Portions of concrete materials shall be suitable for the traditional method utilized and shall result in durable concrete for resistance to local anticipated aggressive actions. The durability requirements of ACI-318 shall be satisfied based on the conditions expected at the site.
- D. Concrete shall be placed in a manner that it will prevent segregation of concrete materials, infiltration of water or soil, and other occurrences that may decrease the strength or durability of the foundation.
- E. Free fall concrete may be used provided fall is vertical down without hitting the sides of the excavation, formwork, reinforcing bars, form ties, cage bracing, or other obstructions. Under no circumstances shall concrete fall through water.
- F. The maximum size of the aggregate shall not exceed a size suitable for the installation method utilized or 1/3-clear distance behind or between reinforcing. The maximum size may be increased to 2/3-clear distance provided workability and methods of consolidation such as vibrating will prevent honeycombs and voids.
- G. Tolerances leveled using the double-nut system shall be grouted using Master Builders EMBECO 636 grout or equivalent.
- H. For the lesser of 25 cubic yards or one day's placement, a minimum of one set of 4 concrete cylinders shall be cast in accordance with ASTM C-31 and ASTM C-39.
- I. A temporary protective steel casing will be required to keep the shaft open during construction and inspections prior to placing concrete. This casing should be extracted as the concrete is placed.
- J. Concrete shall be placed, worked and consolidated by suitable means around reinforcement, embedded items and into corners of forms.

FENCE - If applicable

PART 1 GENERAL

- 3.1 Work Included
 - A. Refer to the site plans for size and location of fence and gates to be installed.
- 3.2 Related Work
 - A. Coordinate fence grounding with electrical Contractor.
 - B. Refer to Division 2 - concrete for specification of concrete and grout.
 - C. Refer to site plan for applicable locations of access road gates.
- 3.3 Description
 - A. A security fence is provided in order to inhibit unauthorized access to the site area.

3.6 Quality Assurance

- A. All steel materials utilized in conjunction with this specification will be galvanized or stainless steel. Weight of zinc coating on the fabric shall be not less than 1 ounce per square foot of material covered. ASTM A392, Class 1. Posts shall be hot-dipped in Grade 57 Zinc, 1.8 ounces per square foot.

3.7 Sequencing

- A. If the site area has been brought up to surface course elevation prior to fence construction, fence post excavation shall be controlled to preclude contamination of surface course.

PART 2 PRODUCTS

3.7 Fence Materials

- A. All fabric wire, rolls, poles, hardware and other steel materials shall be hot-dipped galvanized.
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- G. Gate frames shall have a full-height vertical brace and a full-width horizontal brace, secured in place by use of gate brace clamps.
- H. Gate hinges shall be merchants metal model 64366 hinge adapter with model 6409, degree attachment.
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- R. Other hardware includes but may not be limited to tie clips, band clips and tension band clips in conformance with CUFM Manual.

PART 4 SPECIAL ITEMS

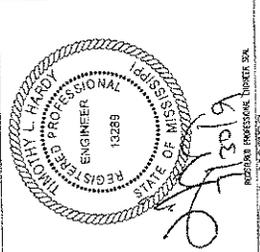
2.15 Concrete

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- B. The concrete shall develop a minimum compressive strength of 4000 psi in 28 days.
- C. Portions of concrete materials shall be suitable for the traditional method utilized and shall result in durable concrete for resistance to local anticipated aggressive actions. The durability requirements of ACI-318 shall be satisfied based on the conditions expected at the site.
- D. Concrete shall be placed in a manner that it will prevent segregation of concrete materials, infiltration of water or soil, and other occurrences that may decrease the strength or durability of the foundation.
- E. Free fall concrete may be used provided fall is vertical down without hitting the sides of the excavation, formwork, reinforcing bars, form ties, cage bracing, or other obstructions. Under no circumstances shall concrete fall through water.
- F. The maximum size of the aggregate shall not exceed a size suitable for the installation method utilized or 1/3-clear distance behind or between reinforcing. The maximum size may be increased to 2/3-clear distance provided workability and methods of consolidation such as vibrating will prevent honeycombs and voids.
- G. Tolerances leveled using the double-nut system shall be grouted using Master Builders EMBECO 636 grout or equivalent.
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- I. A temporary protective steel casing will be required to keep the shaft open during construction and inspections prior to placing concrete. This casing should be extracted as the concrete is placed.
- J. Concrete shall be placed, worked and consolidated by suitable means around reinforcement, embedded items and into corners of forms.

FENCE - If applicable

PART 1 GENERAL

- 3.1 Work Included
 - A. Refer to the site plans for size and location of fence and gates to be installed.
- 3.2 Related Work
 - A. Coordinate fence grounding with electrical Contractor.
 - B. Refer to Division 2 - concrete for specification of concrete and grout.
 - C. Refer to site plan for applicable locations of access road gates.
- 3.3 Description
 - A. A security fence is provided in order to inhibit unauthorized access to the site area.



GENERAL NOTES
 2017 - RITER
 HOLDING FIRM, MISSISSIPPI
 FOR
 TOWERS OF MISSISSIPPI II, LLC
 DATE: 2017_012
 BY: AS NOTED
 SHEET: G-2

HARDY ENGINEERING, INC.
 ENGINEERING AND CONSULTING
 208 LINDELL STREET, P.O. BOX 708
 IRVINGVILLE, AL 36173
 PHONE: (205) 655-1427 FAX: (205) 661-0027

C.E. PERSONS 07-17-09
 I.L. HARDY 07-20-09

TOWERS OF MISSISSIPPI II, LLC
 11580 BLAIRELY WAY, SPANISH FORT, ALABAMA 36527

NO.	REVISIONS	BY	CHK. BY	DATE

ANTENNA SYSTEM

PART 1 GENERAL

4.1 Work Included

- A. Erect furnished tower as indicated in the drawings
1. Tower should be temporarily grounded during erection. The grounding is to include base(s) and anchors.
2. Tower should be temporarily lighted, as per FAA regulation during construction.
- B. Install antenna platform as indicated on drawings.
- C. Install furnished galvanized steel wave guide ladder.
- D. Install wave guide bridge as indicated on drawings.

4.2 Related Work

- A. Furnish the following work as specified under construction documents, but coordinate with other trades prior to bid.
1. Flashing of opening into outside walls.
2. Seal and caulk of openings.
3. Painting.
4. Cutting and patching.

4.3 Requirements of Regulatory Agencies

- A. Furnish U.L. listed equipment where such label is available, install in accordance with U.L. standards where applicable.
1. EIA - Electrical Industries Association RS - 222, structural standards for steel antenna towers and antenna supporting structures.
2. FAA - Federal Aviation Administration advisory circular AC 70/7460-K, obstruction marking and lighting.
3. FCC - Federal Communications Commission rules and regulations term 715, obstruction marking and lighting specification for antenna structures, and form 715A, high intensity obstruction lighting specification for antenna structures.
4. ASC - American Institute of Steel Construction specification for structural joints using ASTM A325 or A490 bolts.
5. NEC - National Electrical Code - on tower lighting kits.
6. UL - Underwriter's Laboratories approved
7. In all cases, part 77 or the FAA rules and parts 17 and 22 of the FCC rules are applicable and in the event of conflict, supersede any other standards or specifications.

1980 Life Safety Code NFPA - 101.

MECHANICAL

PART 1 GENERAL

1. Included - Work of this section generally includes provisions of labor, materials, equipment, accessories, necessary for installation of mechanical systems shown on the contract drawings and specified in the General Notes. Intent of construction documents is to provide The Owner with a complete and operating facility, and any minor items omitted but obviously necessary to accomplish intent shall be provided whether or not shown or specified.
2. Related - The Owner's Requirements division of the General Notes is hereby made a part of the work of this spec section. The requirements of this spec.

3.11 Protection

- A. Upon completion of erection, inspect fence material end point field cuts or galvanizing breaks with galvanizing repair paint.

Applicable Standards

- ASTM-A1082 Standard Specification for Pipe, Steel Hot Dipped Zinc Coated (galvanized) Welded for Fence Structures.
- ASTM-A526 Standard Specification for Zinc Coated Steel Chain Link Fence Fabric.
- ASTM-A392 Standard Specification for Zinc Coated Steel Chain Link Fence Fabric.
- ASTM-A817 Standard Specification for Metallic Coated Steel Wire for Chain Link Fence Fabric, Type I, Aluminum Coated.
- ASTM-A525 Standard Specification for steel sheet zinc coated (galvanized) by the hot-dipped process.
- ASTM-A570 Standard Specification for hot-rolled carbon steel sheet and strip structural quality.
- ASTM-A585 Standard Specification for Aluminum Coated Steel Barbed Wire, Type I.

section apply to the work of all sections of division 15.

A. Work performed by others includes installation of electrical equipment, except as noted otherwise on drawings or in specification.

B. Electrical division 15

3. Ordinances and Codes
 - A. All work shall be executed and inspected in accordance with all underwriters, public utilities, local and state codes and regulations applicable to the trade effected. Recommendations of NFPA, NFPA, OSHA and ASHRAE and applicable state energy code compliance shall be rigidly followed.
 - B. Should any change in the plans and specifications be required to comply with these regulations, the contractor shall notify the Owner before submitting his bid. After entering into contract with the Owner, the contractor will be held accountable to complete all work necessary to meet these requirements at his own expense.
 - C. Where the work required by the drawings and specifications is above the standard required, it shall be done as shown or specified.
 4. Permits - The contractor shall be provided building permits in connection with the work hereinafter specified and at completion of the work, furnish the Owner with the final certificate of inspection.
 5. Drawings - The drawings indicate the general arrangement of the proposed work. Details of proposed departures due to actual field conditions or other causes shall be provided for. No extras will be paid for correcting faulty, poorly arranged, or poorly coordinated work.
 6. Site Examination - The contractor shall visit the premises so as to ascertain the existing conditions before submitting his bid. No extras will be allowed for his lack of knowledge of these conditions.
 7. Complete Installation - The contractor shall furnish and install all incidental parts, valves, fittings, pumps, control valves and control wiring required for the proper function of all component parts. The complete installation shall function smoothly and noiselessly to the full extent of the plans and specifications. The contractor shall complete his installation as rapidly as general construction permits. All fittings, strainers, and safety devices shall be properly installed before starting equipment. The Owner shall be left with a new set of floors at final acceptance.
 8. Coordination - Before any equipment is purchased or fabricated and before running and/or fabricating any lines of piping or ductwork, the mechanical contractor and his subcontractors shall assure themselves that they can be run as contemplated. Because of the small scale of the drawings, it is not possible to indicate all offsets, fittings and accessories that may be required. The mechanical contractor and his subcontractors shall carefully investigate all other mechanical, electrical and structural drawings and finish conditions affecting all of their work accordingly, furnishing such fittings, valves, duct transitions, offsets and accessories as may be required to meet such conditions, at no additional cost.
 9. Temporary Heat - Arrangements for usage of system for temporary heat shall be coordinated with general contractor. System shall not be used for temporary heat unless of temporary filters are installed.

Temporary filters and operation of units shall be provided by the general contractor.

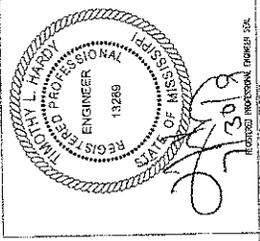
10. Submittals - Within 5 days after proposal acceptance the contractor shall submit to the Owner for approval two (2) copies of shop drawings on each item of equipment whether as specified or substituted. Shop drawings shall give overall dimensions, weights, metal gauges, materials, certified capacities, broke HP, motor HP, tube diameters, friction drop and complete data. The contractor shall be responsible for checking shop drawings before submitting for approval. The Owner's check shall be general and does not relieve the contractor of their responsibility for a complete job to the intent of plans and specifications. All control diagrams and equipment should be assembled in one submittal.

11. Substitution of Equipment

- A. Bids shall be based on providing all equipment mentioned by brand name in plans and specifications. No substitutions shall be considered before bidding.
- B. The contractor shall attach a list of proposed substitutions, giving the amount to be added or deducted to contract price for each item. Complete engineering data shall be submitted on each request for substitution item. Substitute items shall be equal or better than items mentioned in regard to all accessories, capacities, flexibility and capacities. Contractor shall pay all costs with maintenance clearances - piping, sheet metal, electrical or building alteration shall be included in said costs.
- C. All standard accessories as well as specified extras shall be provided with equipment.
12. Guarantee - All material and workmanship installed and/or furnished under this section of work shall be guaranteed against defects for a period of one year from date of acceptance by Owner. Any defects or faulty workmanship shall be the contractor's responsibility and shall be corrected entirely at his expense.

PART 2 - PRODUCTS

1. Approved manufacturers - approval by name listed in this specification does not imply that the manufacturer standard product meets the intent of the drawings and specification. It is the contractor's responsibility to provide all necessary alterations, offsets, bases, etc., as approved by the Owner to meet the full intent of the drawings and specifications. This is to include, but not necessarily be limited to electrical, structural, mechanical, and architectural alterations and revisions necessary to provide a complete and operating facility of no additional costs to the Owner.
2. Materials - Materials throughout shall be new and of the best grades specified. They shall be standard catalog items and manufactured by nationally known manufacturers of the items specified. Contractor shall receive and be responsible for all Owner furnished equipment and provide rough-in and final connections for all mechanical equipment furnished under this contract or by others. The contractor shall provide a suitable shed for the storage of all materials during progress of the job.
3. Solder - All solder used on sweat fittings shall be 90-5 hard solder unless brazing or silver solder is specified. All buried copper piping shall be silver soldered.



GENERAL NOTES
 20117 - RITER
 ROLLING FORK, MISSISSIPPI
 TOWERS OF MISSISSIPPI II, LLC
 DATE: 2017_GN1
 SHEET: AS NOTED
 SCALE: G-3

THE HARDY ENGINEERING, INC.
 ENGINEERING AND CONSULTING
 209 LUBEN STREET, P.O. BOX 708
 THIBODOUXVILLE, LA 39373
 PHONE: (202) 656-1427 FAX: (202) 661-8627

C.E. PERSONS 07-17-09
 DATE: 07-20-09
T.L. HARDY
 PROJECT NO. 2017-GN1

TOWERS OF MISSISSIPPI II, LLC
 3150 BLACKLEY WAY, SPANISH FORT, ALABAMA 36527

ITEM	REVISIONS	BY	CHK. BY	DATE

4. Floor, Ceiling Plates, Flanges -- Provide light filling floor and ceiling plates on pipes passing through walls, ceilings, floors, and/or concrete plate in finished areas. Provide wall and ceiling flanges for ducts in finished areas.

5. Pipe Hangers, Supports -- Provide hangers, supports, braces by Gilwell, Fee and Mason, Graber, Elen, Unistuf, Basin Engineers, Inc. to prevent undue strain, stresses, noise, vibration.

PART 3 - EXECUTION

1. Workmanship

- A. Work throughout shall be performed by men skilled in the installation of the various trades of the work herein specified.
- B. All piping and ductwork shall be run concealed in finished areas except where noted otherwise or as chrome plated plumbing fixture connections.
- C. Curbs, Bases, Supports -- Mugar curbs, supports, and equipment supports will be provided under the general section of this contract, only where shown on architectural or structural plans. All other supports, anchors, and bases shall be provided by mechanical contractor for all mechanical equipment. Equipment shall be supported per manufacturer's written recommendations for noise-free installation.
- D. Removal of Existing Work -- All existing mechanical equipment, piping, etc., removed by the contractor shall be the property of the building. Such items will be disposed of at the building owner's direction.
- E. Removal of Rubbish -- On completion of his work, the contractor shall remove all of his tools, scaffolding, debris, etc., from the grounds and leave the premises perfectly clean.
- F. Operating and Maintenance Instructions -- Upon completion, the contractor shall make up a set of operating and maintenance instructions covering all mechanical equipment with moving or movable parts including general operating or heating, plumbing and cooling systems and shall give the Owner four (4) copies of these instructions. Manufacturer's printed operations and maintenance instructions shall also be provided for each piece of equipment.

GENERAL ELECTRIC

GENERAL ELECTRICAL PROMSION

1. Submittal of bid indicates contractor is cognizant of all job site conditions and work to be performed under this contract.
2. Contractor shall perform all verification observations test, and examination work prior to the ordering of the electrical equipment and the actual construction. Contractor shall issue a written notice of all findings to the architect listing all malfunctions, faulty equipment and discrepancies.
3. Heights shall be verified with Owner prior to installation.
4. These plans are diagrammatic only, follow as closely as possible.
5. Each conductor of every system shall be permanently tagged in each panel board, ball box, J-box, switch box, etc., in compliance with occupational safety and health act (O.S.H.A.).

7. Contractor shall provide all labor, materials, insurance, equipment, installation, construction tools, transportation, etc., for a complete and properly operating system designed throughout and as indicated on drawings, as specified herein and/or as otherwise required.

8. All materials and equipment shall be new and in perfect condition when installed and shall be of the best grade and of the same manufacturer throughout for each class or group of equipment. Materials shall be listed "J" where subject to such approval. Materials shall meet with approval of the division of industrial safety and all governing bodies having jurisdiction. Materials shall be manufactured in accordance with applicable standards established by ANSI, NEMA and NFPA.

9. All conduit installed may be surface mounted unless otherwise noted.

10. Contractor shall carry out his work in accordance with all governing state, county and local codes and O.S.H.A.

11. Contractor shall secure all necessary building permits and pay all required fees.

12. Complete job shall be guaranteed for a period of one (1) year after the date of job acceptance by Owner. Any work, material or equipment found to be faulty during this period shall be corrected at once, upon written notification, at the expense of the contractor.

13. All conduit (C.C.) shall have a pull wire or rope.

14. Provide project manager with one set of complete electrical "as installed" drawings at the completion of the job, showing actual dimensions, routings and circuits.

15. All brochures, operating manuals, catalogs, shop drawings, etc., shall be turned over to the Owner at job completion.

16. Use 1-to-1 connections on all multi-circuits with common neutral conductor for lighting fixtures.

17. All conductors shall be copper.

18. All circuit breakers, fuses and electrical equipment shall have an interrupting short circuit current to which they may be subjected, and a minimum of 10,000 A.I.C.

19. The entire electrical installation shall be grounded as required by all applicable codes.

B. All conductors shall be installed in "conduit". Conduit shall be rigid steel, EMT or SCH40 PVC, as indicated on the drawings. Aluminum conduit shall not be allowed.

C. Where installed on exteriors and exposed to damage, all conduit shall be rigid steel.

D. Conduited conduit in walls or interior spaces above grade may be EMT.

E. Underground conduits shall be rigid steel or schedule 40 PVC as indicated on the drawings.

F. All conduits shall use approved couplings and connectors. Provide rusted bushing for all conduit terminations. All conduit runs in a wet location shall have waterproof fittings.

G. Provide supports for all conduits in accordance with NEC requirements. All conduits shall be sized as required by NEC.

H. Burial depth of all conduits shall be as required by code for each specific conduit type and application.

I. Conduit routes are schematic. Contractor shall field verify before bid. Coordinate route with wireless carrier and building owner.

31. All electrical equipment shall be labeled with permanent engraved plastic labels.

32. Coordinate the electrical service with the utility company.

33. Upon completion of work, conduct continuity, short circuit, and full potential ground tests for approval. Submit test reports to project manager. Clean premises or all debris resulting from work and leave work in a complete and undamaged condition.

34. Contractor to coordinate with utility company for connection of temporary and permanent power to the site. The temporary power and all hookup costs to be paid by contractor.

35. Grounding Connections

A. All external grounding connections shall be made by the "coldweld" process. Connections shall include all cable to cable splices, lugs, Xs, etc.

All cable to ground rods, ground rod splices and lightning protection system as indicated. All materials used (rods, welding metal, tools, etc.) shall be by "coldweld" and installed per manufacturer's recommendation and procedures.

B. All interior grounding and bonding conductors shall be connected by two hole crimp type (compression) connections (except for the ACEG and ground rod) mechanical connections: rifting or connections that depend solely on solder shall not be used.

Ground Rods

A. All ground rods shall be 3/4" diameter x 10'-0" long "Copperweld" or approved equal at the number and at locations indicated. Ground rods shall be driven full length vertical in undisturbed earth. All ground rods to be 10' apart unless otherwise noted.

Ground Bars

All ground bars shall be 1/4" thick bars copper plate and of size indicated on drawings.

Cables

All ground cable shall be standard IMHO solid bare copper plate and of size indicated on drawings.

When the direction of the conductor must change, it shall be done gradually, the curvature of the turn shall be done in accordance with the following chart:

Grounding Inside Edge	Conductor Size	Minimum Bending Radius to
No. 6 awg to no. 4 awg	3"	
No. 6 awg to no. 1/0 awg	6"	
No. 2/0 awg to 750 mcm	1'	
Bus Bar	No Restrictions	
Ground Ring		

A. The ground ring encircling the building shall be minimum size of no. 2 awg bare copper conductor in direct contact with the earth at a depth of not less than 30 inches (min.) conductor bands shall have a minimum radius of 8 inches.

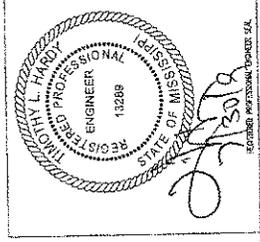
B. All external ground rings are to be joined together and all connections shall be "coldweld". NO LUGS OR CLAMPS WILL BE ACCEPTED.

C. Ground Bars

A. Ground all sections of fence and gate as indicated on drawings. Ground each gate post and corner post. All other connections for the ground grid system shall be made by the "coldweld" process and installed per manufacturer's recommendations and procedures.

B. Install signage where specified.

C. Provide combination locks set to TOWERS OF MISSISSIPPI's specification where required.



GENERAL NOTES
 20117 - FIFTER
 ROLLING FORK, MISSISSIPPI
 FOR
 TOWERS OF MISSISSIPPI II, LLC
 20117 GH4
 DATE: 2011 AS NOTED
 SHEET: G-4

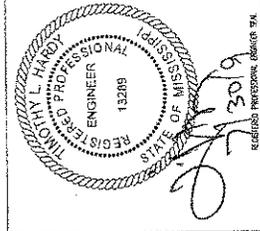
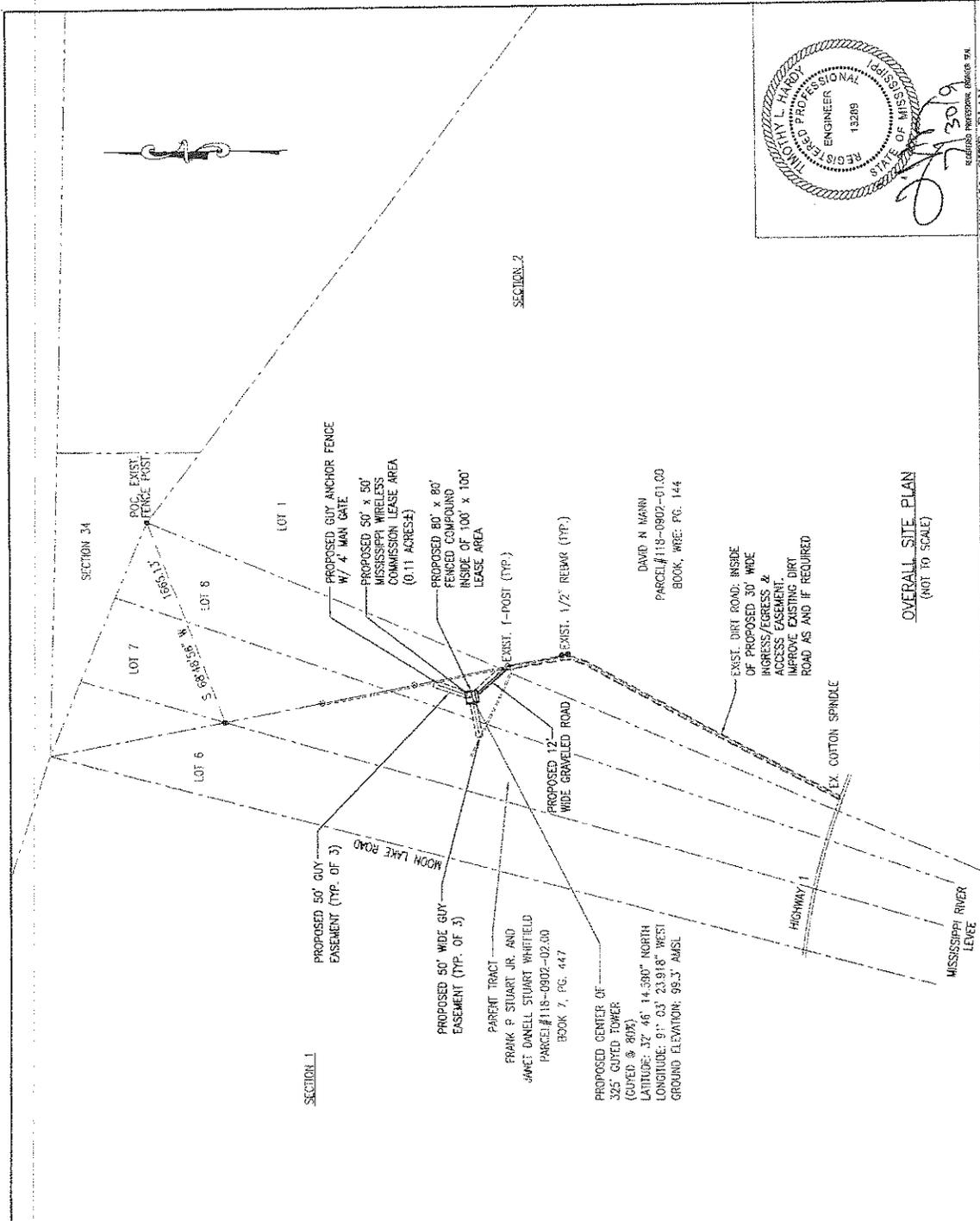
HARDY ENGINEERING, INC.
 ENGINEERING AND CONSULTING
 209 LINDEN STREET, P.O. BOX 708
 TRUSSVILLE, AL 35173
 PHONE: (205) 855-1427 FAX: (205) 861-9027

DATE	BY	CHK BY	DATE
07-17-09	T.L. HARDY		
07-20-09			

TOWERS OF MISSISSIPPI II, LLC
 31550 KUMBLEY WAY, SPANISH FORT, ALABAMA 38527

SITE NOTES:

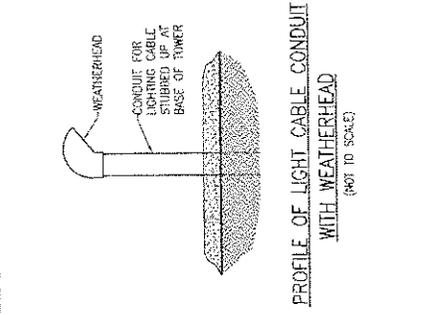
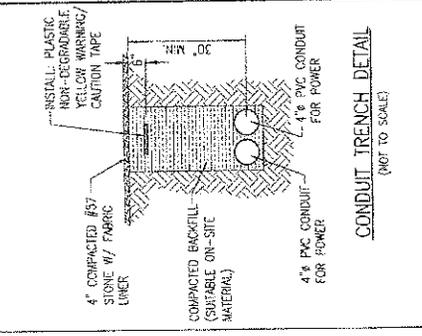
1. THE CONTRACTOR IS TO VERIFY THAT ALL EXISTING TOPOGRAPHY AND HORIZONTAL CLEMENCY IS AS INDICATED ON THESE DRAWINGS. THE CONTRACTOR IS TO ENSURE THAT THE EXISTENCE, LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND SERVICES, IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCES WHICH AFFECT THE WORK OF THIS CONTRACT.
2. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES, CODES, AND REGULATIONS.
3. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR CONTAINMENT OF SEDIMENTS AND CONTROL OF EROSION ON SITE. ANY DAMAGE TO ADJACENT OR DOWNSTREAM PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO OWNER.
4. THE CONTRACTOR IS TO MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR FLOW ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY IMPROPER 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.
5. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF SITE OR AS DIRECTED BY THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH JURISDICTIONAL AUTHORITIES.
6. SEED AND MULCH ALL DISTURBED AREAS NOT COVERED BY OTHER MATERIALS AS TO RESTORE DAMAGED PROPERTY BACK TO ORIGINAL CONDITION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ALL DAMAGE TO THE SITE SUBSEQUENT TO THE INSTALLATION OF THE POWER AND TELLO LINES. EASEMENT AND LEASE AREA.
8. THE CONTRACTOR IS TO REMOVE ALL TREES AND STUMPS WITHIN ACCESS DAMAGED OR REMOVED OUTSIDE LEASE AREA OR ACCESS EASEMENT. SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.



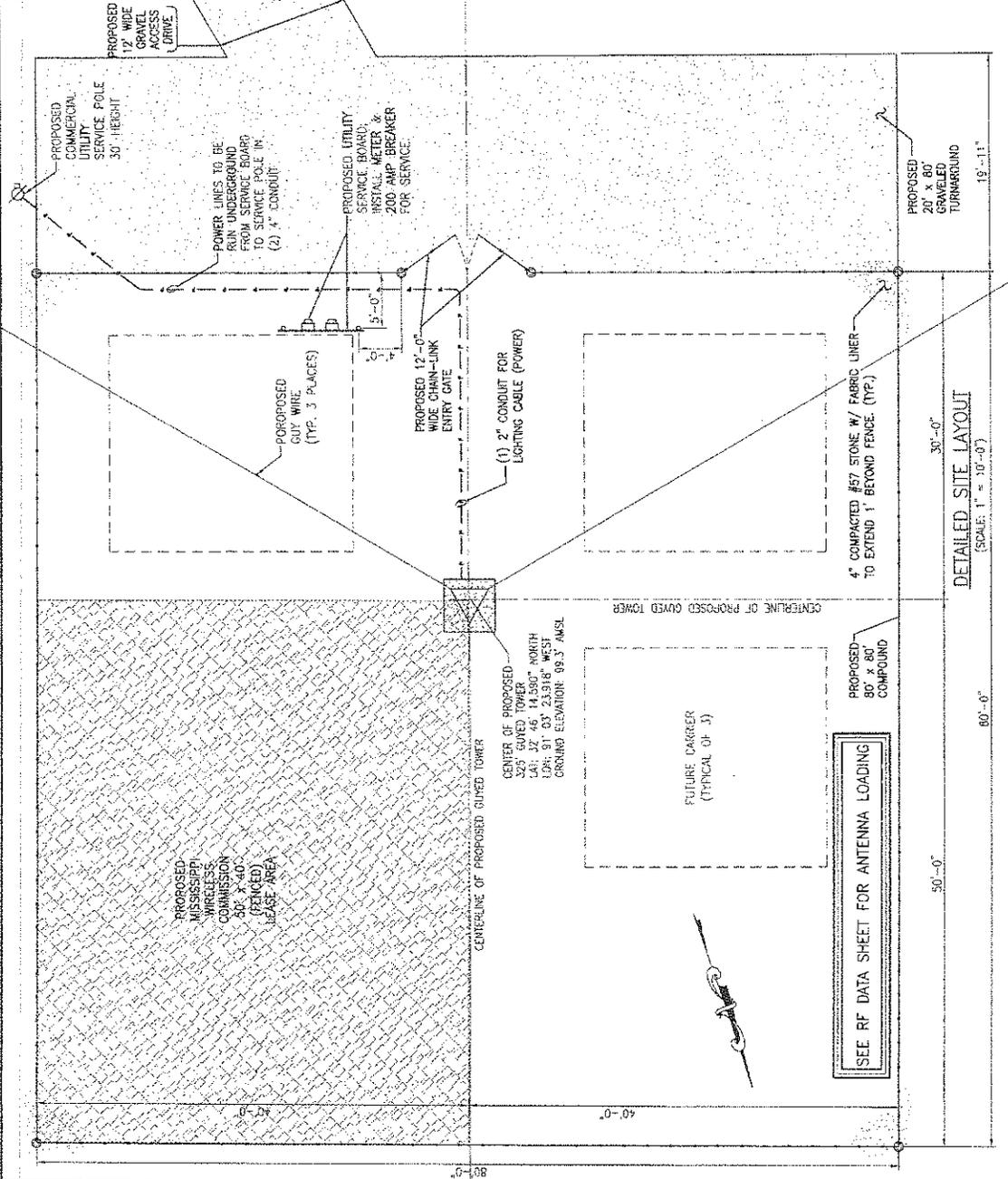
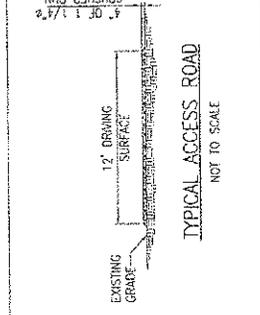
ITEM	PROVISIONS	BY	CHK. BY	DATE
TOWERS OF MISSISSIPPI II, LLC 31500 BARKLEY WAY, SPANISH FORT, ALABAMA 36527				
C.E. PERSONS 07-17-09 TOWER #1		HARDY ENGINEERING, INC. ENGINEERING AND CONSULTING 3809 JORDEN STREET, P.O. BOX 708 TRUSSVILLE, AL 35173 PHONE: (205) 655-1427 FAX: (205) 661-8027		
T.L. HARDY 07-28-09 TOWER #2		OVERALL SITE PLAN 20117 - FITER ROLLING FORK, MISSISSIPPI FOR TOWERS OF MISSISSIPPI II, LLC		
		DATE	DATE	DATE
		2011.7.C1	AS NOTED	C1

NOTES:

1. AS A MINIMUM, CONTRACTOR SHALL GRAD SITE TO ELIMINATE LOCAL UNDESIRABLE SLOPES, RITCHES, HOLES, ROCKS AND ANY ADDITIONAL GRADING REQUIREMENTS MAY BE INDICATED BY ELEVATIONS GIVEN ON THE SITE GRADING PLAN.
2. ACCESS ROAD SHALL BE BLADED SMOOTH AND STABILIZED WITH COMPACTED CRUSHED ROCK AS INDICATED ON THE TYPICAL ACCESS ROAD SECTION. ACCESS MAY REQUIRE ADDITIONAL GRADING AS INDICATED ON THE GRADING PLAN.
3. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL TREES AND OBSTRUCTIONS INSIDE THE LEASE AREA AND WITHIN 15' EITHER SIDE OF THE C/I OF DUTY RUNS.
4. ACCESS ROAD TO BE ROUTED AS SHOWN ON DWG. C1 AND THE SURVEY.
5. BOUNDARY AND EXISTING SITE FEATURES ARE BASED ON THE SURVEY. CONTRACTOR SHALL UTILIZE SURVEY TO ESTABLISH LOCATIONS OF PROPERTY BOUNDARIES. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE SURVEY AND THIS DRAWING.



REGISTERED PROFESSIONAL ENGINEER
 T. L. HARDY
 ENGINEER
 13289
 STATE OF MISSISSIPPI
 359



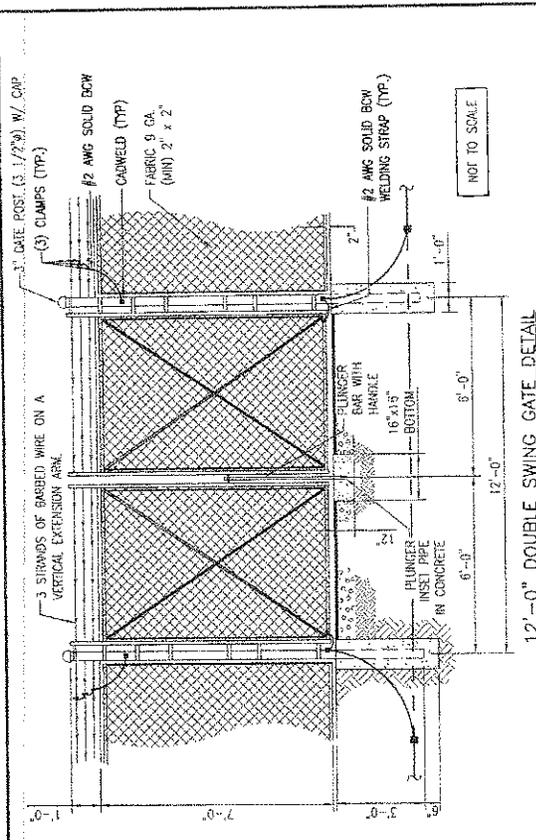
HARDY ENGINEERING, INC.
 ENGINEERING AND CONSULTING
 209 LINDEN STREET, P.O. BOX 708
 TRUSSVILLE, AL 36173
 PHONE: (205) 655-1427 FAX: (205) 661-0627

DATE OF DRAWING	C.E. PERSONS	07-17-09
DATE OF PROJECT	T.L. HARDY	07-28-09

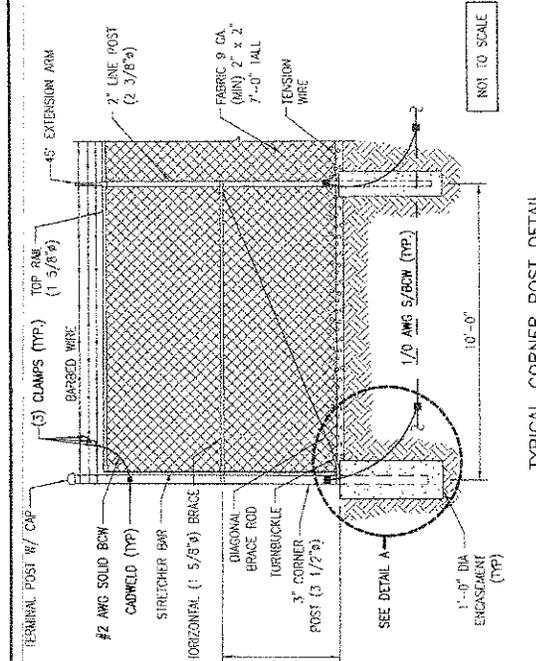
TOWERS OF MISSISSIPPI II, LLC
 31590 BLAKELEY HWY, SPANISH FORT, ALABAMA 36527

REVISIONS	BY	CHK. BY	DATE

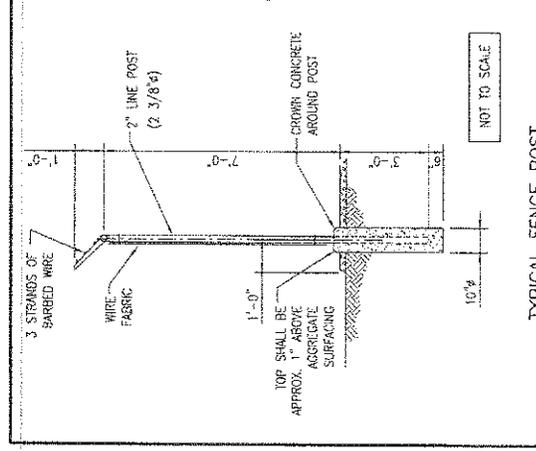
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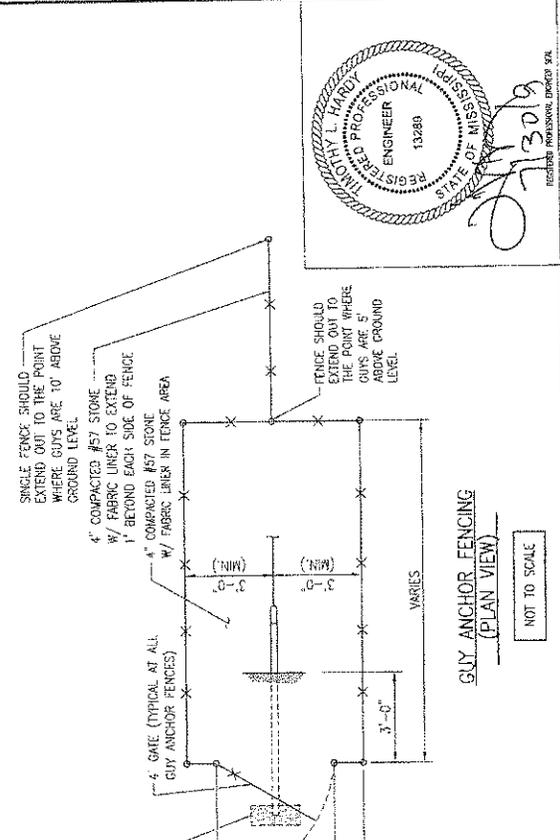
12'-0" DOUBLE SWING GATE DETAIL



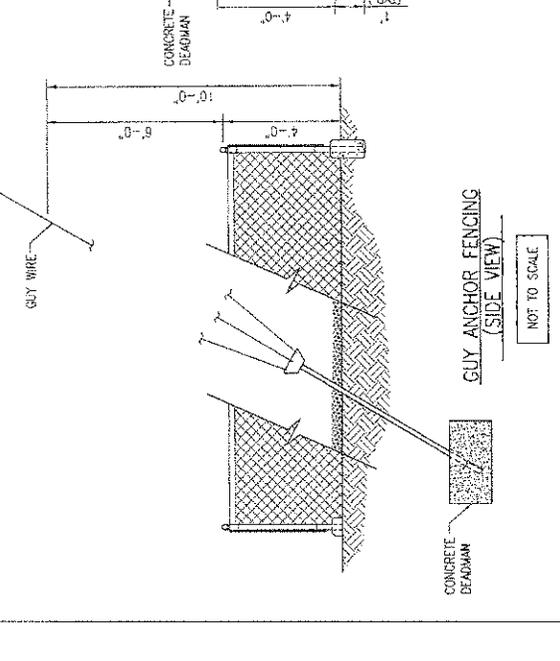
TYPICAL CORNER POST DETAIL



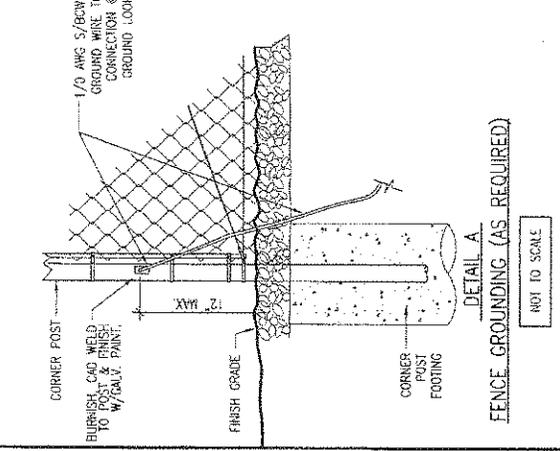
TYPICAL FENCE POST



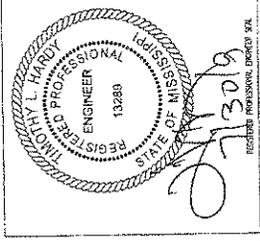
GUY ANCHOR FENCING (PLAN VIEW)



GUY ANCHOR FENCING (SIDE VIEW)



FENCE GROUNDING (AS REQUIRED)



ITEM	REVISIONS	BY	CHK. BY	DATE

TOWERS OF MISSISSIPPI II, LLC 11500 BLANKLEY HWY, SPANISH FORT, ALABAMA 36527		DATE: 07-17-09 DRAWN BY: C.E. PERSONS	DATE: 07-20-09 CHECKED BY: T.L. HARDY
TOWERS OF MISSISSIPPI II, LLC 200 LINDEN STREET, P.O. BOX 708 THOUSAND OAKS, AL 36173 PHONE: (205) 655-1427 FAX: (205) 861-0027		DATE: 2017-05 DRAWN BY: ROLLING FORK, MISSISSIPPI	DATE: 2017-05 CHECKED BY: AS NOTED
HARDY ENGINEERING, INC. ENGINEERING AND CONSULTING 200 LINDEN STREET, P.O. BOX 708 THOUSAND OAKS, AL 36173 PHONE: (205) 655-1427 FAX: (205) 861-0027		DATE: 2017-09 DRAWN BY: ROLLING FORK, MISSISSIPPI	DATE: 2017-05 CHECKED BY: AS NOTED

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>



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Aleutian Islands Wilderness, Alaska

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

Keywords: Search



- About Wilderness
- Wilderness Stewardship
- Tools for Managers
- Research
- Education
- Find a Wilderness
- Maps, Data and Images

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

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

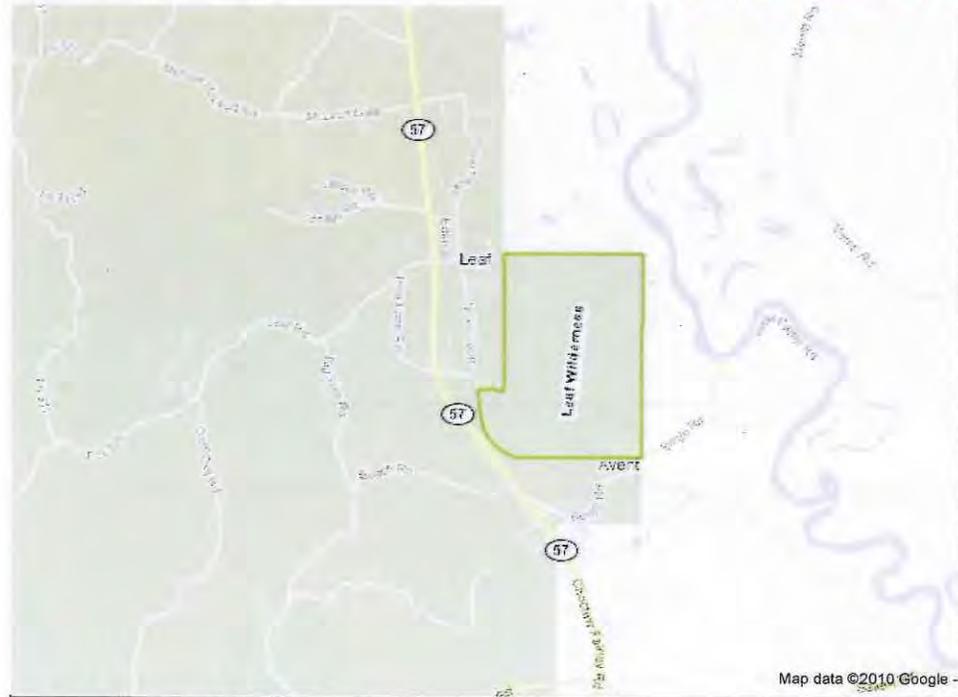
Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to [give us feedback](#) on our map?

Print/View/Download:

Zoom: U.S. Wilderness

On/Off: Wilderness Names

Key: BLM FWS FS NPS



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.

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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.

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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

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.

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- 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>



Feedback Analytics

Appendix C



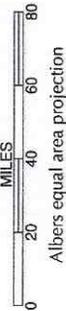
nationalatlas.gov
Where We Are

MISSISSIPPI

FEDERAL LANDS AND INDIAN RESERVATIONS

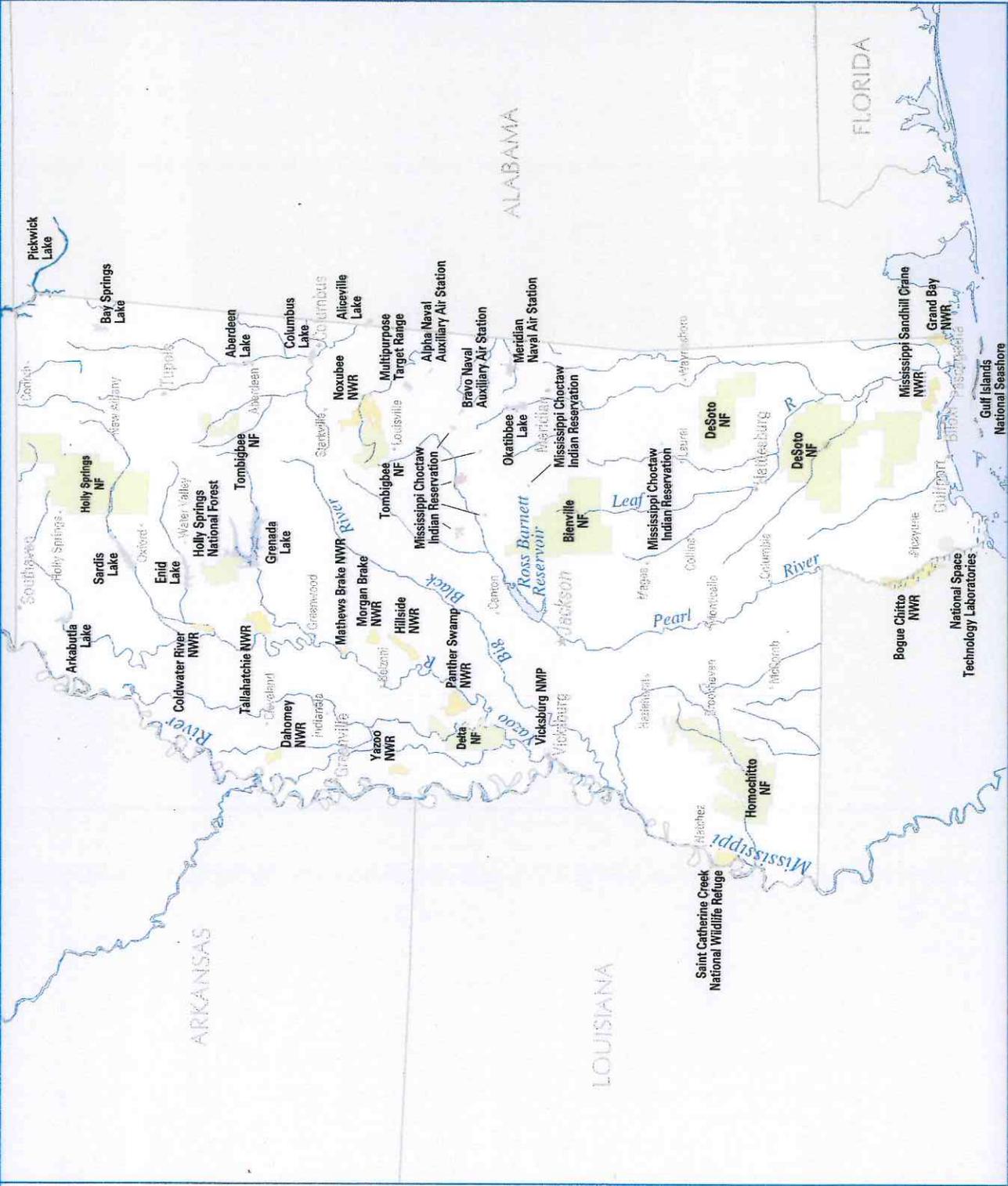
- Bureau of Indian Affairs
- Department of Defense (includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Aeronautics and Space Administration
- National Park Service / Wilderness
- Tennessee Valley Authority

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



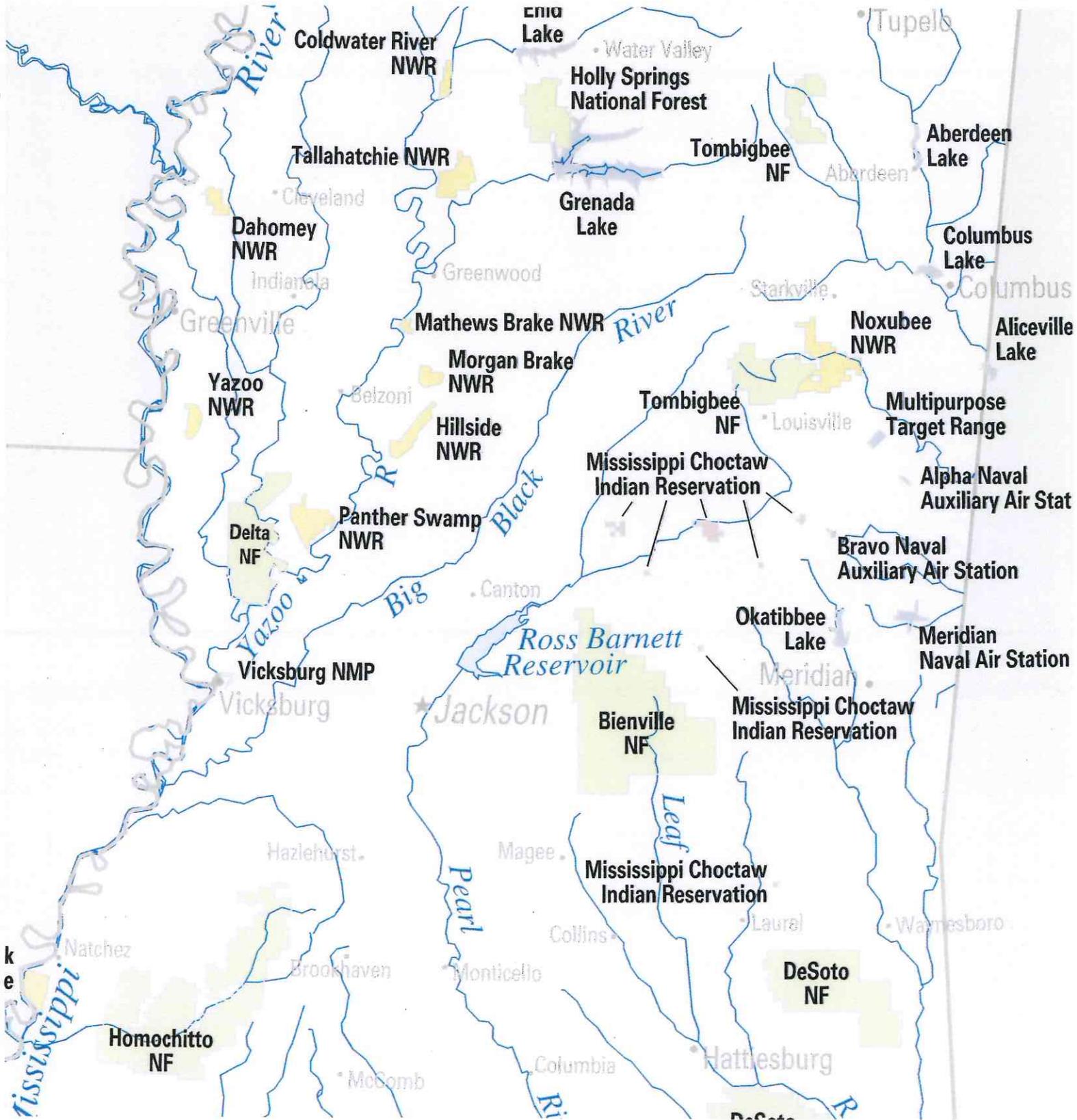
Abbreviations

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



The National Atlas of the United States of America®

U.S. Department of the Interior
U.S. Geological Survey



Southeast Region

Conserving the Nature of America

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- [Service Finder](#)
- [Office Finder](#)
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 - [Species: Achieving Recovery and Preventing Extinction](#)
 - [Recovery Program](#)
 - [Aquatic Resources: National Fish Habitat Action Plan](#)
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 - [Volunteer](#)
- [NWRs: Conserving Our Lands & Resources](#)
 - [National Wildlife Refuges](#)
 - [Invasive Species](#)
- [Landscape Conservation:](#)

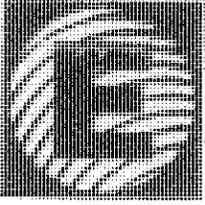
Map of Mississippi



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 and Geological Consultants

August 5, 2009

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

Subject:

Proposed MSWIN 20117 B Wireless Communications Tower

Fitler, Issaquena County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0907

To Whom it May Concern:

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

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" west (Figure 1). The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off Mississippi Highway 1 near Fitler, Mississippi. The site is a portion of an agricultural field planted in corn. The site and access are generally level. Access to the site is provided by an existing field road approximately 3,000 feet in length that enters the site from the southeast. Proposed activities consist of construction of a 380-foot guyed communications tower 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 photographs of the site for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0907) 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.


Henry A. Fisher, P.E.
Principal Engineer

Attachments: Site Location Map, Site Photographs

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

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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For delivery information visit our website at www.usps.com

OFFICIAL USE

7007 0220 0003 4720 9092

Postage	\$	8/5/09 Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.54	JSE01A0909
Sent: Acting Field Supervisor/USFWS		
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 <input checked="" type="checkbox"/> D. Dai <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) D. Dai</p> <p>C. Date of Delivery 8-10-09</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:</p> <p>Acting Field Supervisor United States Fish & Wildlife Service 6518 Dogwood View Place Jackson, MS 39213</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>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service lab)</p>	<p>7007 0220 0003 4720 9092</p>



United States Department of the Interior

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



August 19, 2009

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

RECEIVED
AUG 22 2009

RE: Proposed Tower in Issaquena County, Mississippi Project No.: JSE01P0907

Dear Mr. Fisher:

The U.S. Fish and Wildlife Service (Service) received your letter dated August 5, 2009, regarding construction of a new communication tower in Issaquena County, Mississippi. The proposal is for construction of a 380-foot guyed wire tower in a leased area, enclosing the compound in a fence, placement of equipment building within the compound, and covering the compound with gravel. The site is located off of Mississippi Highway 1 near Filter. 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).

There are two federally listed terrestrial species for Issaquena County, the Louisiana black bear (*Ursus americanus luteolus*) which inhabits large tracts of bottomland hardwoods with large diameter trees and a wetland plant, pondberry (*Lindera melissifolia*). Since the proposed site is a planted corn field, the Service determines that this project will have no effect on listed species or critical habitat. However, due to the adverse impact these towers can have on migratory birds, we are including Service guidance on reducing tower impact to migratory songbirds.

If project plans change or if new information about listed species becomes available, consultation should be reinitiated. Please call us at (601) 321-1129 if you have any questions or concerns.

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: Monday, June 22, 2009 11:25 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2225637

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure.

You will need to reference this Notification ID number when you update your project's Status with us.

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

Notification Received: 06/22/2009

Notification ID: 53023

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: 32 deg 46 min 14.6 sec N

Longitude: 91 deg 03 min 23.9 sec W

Location Description: 8701 Hwy 1

City: Rolling Fork

State: MISSISSIPPI

County: ISSAQUENA

Ground Elevation: 30.3 meters

Support Structure: 115.8 meters above ground level

Overall Structure: 115.8 meters above ground level

Overall Height AMSL: 146.1 meters above mean sea level

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, June 26, 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 #2228009

Dear Sir or Madam:

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

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

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

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

Exclusions: 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.

2. Compliance Review Supervisor Dawn P Hutchins - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Exclusions: 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 dawnhutchins@semtribe.com or 863-983-6549 Ext. 12219. Thank you.

3. Paralegal & Quapaw TCNS Representative Wendy A Huntzinger - Quapaw Tribe of Oklahoma c/o Conner & Winters - Tulsa, OK - electronic mail

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

Exclusions: 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

Exclusions: 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

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

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

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

Notification Received: 06/22/2009
Notification ID: 53023
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: 32 deg 46 min 14.6 sec N
Longitude: 91 deg 3 min 23.9 sec W
Location Description: 8701 Hwy 1
City: Rolling Fork
State: MISSISSIPPI
County: ISSAQUENA
Ground Elevation: 30.3 meters
Support Structure: 115.8 meters above ground level
Overall Structure: 115.8 meters above ground level
Overall Height AMSL: 146.1 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

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

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

General Instructions: NT Submission Packet

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

For ease of processing, provide the Applicant's Name, Applicant's Project Name, and Applicant's Project Number in the lower right hand corner of each page of Form 620 and attachments.³

1. Applicant Information

Full Legal Name of Applicant: Towers of Mississippi/State of Mississippi

Name and Title of Contact Person: Taylor Robinson

Address of Contact Person (including Zip Code):
31560 Blakeley Way, Spanish Fort, AL 36527

Phone: 205-266-4466 Fax: _____

E-mail address: trobins@vulcancompany.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:
MRS Consultants, LLC.

Name of Principal Investigator: Beth A. Ryba

Title of Principal Investigator: Cultural Resource Specialist

Investigator's Address: P.O. Box 3146

³ Some attachments may contain photos or maps on which this information can not be provided.

Applicant's Name: Towers of Mississippi/
State of Mississippi
Project Name: Fitter
Project Number: 20117

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

City: Tuscaloosa State AL Zip Code 35403

Phone: 205-556-6456 Fax: 205-330-7969

E-mail Address: earyba@earthlink.net

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?⁴ YES NO.

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: Archaeology MS

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

3. Site Information

a. Street Address of Site: 8701 MS Hwy-1

City or Township: Rolling Fork

County / Parish: Issequena State: MS Zip Code: 39159

b. Nearest Cross Roads: MS-1 / Unnamed Road

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 32° 46' 14.590", W 91° 03' 23.918"

⁴ The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Towers of Mississippi/
Applicant's Name: State of Mississippi
Project Name: Fitter
Project Number: 20117

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB

3060-1039

Estimated Time Per Response:

.5 to 10 hours

d. Proposed tower height above ground level: 380 ft feet; (116 m) meters

e. Tower type:

guyed lattice tower self-supporting lattice monopole

other (briefly describe tower) _____

4. Project Status:⁵

a. Construction not yet commenced;

b. Construction commenced on [date] _____; or,

c. Construction commenced on [date] _____ and was completed on [date] _____.

5. Applicant's Determination of Effect:

a. Direct Effects (check one):

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

ii. "No effect" on Historic Properties in APE for direct effects;

iii. "No adverse effect" on Historic Properties in APE for direct effects;

iv. "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. Visual Effects (check one):

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

ii. "No effect" on Historic Properties in APE for visual effects;

iii. "No adverse effect" on Historic Properties in APE for visual effects;

iv. "Adverse effect" on one or more Historic Properties in APE for visual effects.

⁵ Include top-mounted attachments such as lightning rods.

⁶ Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. See Section X of the Nationwide Agreement.

Towers of Mississippi/
State of Mississippi
Applicant's Name: _____
Project Name: Fitter
Project Number: 20117

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

Certification and Signature

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

Marla J. Spry

7-7-09

Signature

Date

Marla J. Spry

Cultural Resource Specialist

Printed Name

Title

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

Towers of Mississippi/
State of Mississippi
Applicant's Name: _____
Project Name: Fitter
Project Number: 20117

ATTACHMENT 1
Vitae

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 consultation with Native American tribes/organizations was submitted by Environmental Engineers, June 22, 2009 through the FCC Tower Construction Notification System (TCNS).

Attachment 4. Local Government

The Issaquena County Board of Supervisors was contacted via letter dated July 9, 2009 for comment regarding potential impacts to historical or cultural sites by the proposed action.

Attachment 5. Public Involvement

A notice requesting comment regarding potential impacts to historical or archaeological properties by the proposed action was published in the *Deer Creek Pilot* on June 25, 2009.

Attachment 6. Additional Consulting Parties

No additional consulting parties were identified for the proposed action.

Applicant's Name: Towers of Mississippi/State of Mississippi
Project Name: MSWIN 20117 B
Project Number: JSE01P0907

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Monday, June 22, 2009 11:25 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2225637

Dear Henry A Fisher,

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

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

Notification Received: 06/22/2009

Notification ID: 53023

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: 32 deg 46 min 14.6 sec N

Longitude: 91 deg 03 min 23.9 sec W

Location Description: 8701 Hwy 1

City: Rolling Fork

State: MISSISSIPPI

County: ISSAQUENA

Ground Elevation: 30.3 meters

Support Structure: 115.8 meters above ground level

Overall Structure: 115.8 meters above ground level

Overall Height AMSL: 146.1 meters above mean sea level

TOM 53023

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, June 26, 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 #2228009

Dear Sir or Madam:

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

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

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

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

Exclusions: 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.

2. Compliance Review Supervisor Dawn P Hutchins - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Exclusions: 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 dawnhutchins@semtribe.com or 863-983-6549 Ext. 12219. Thank you.

3. Paralegal & Quapaw TCNS Representative Wendy A Huntzinger - Quapaw Tribe of Oklahoma c/o Conner & Winters - Tulsa, OK - electronic mail

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

Exclusions: 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

Exclusions: 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

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

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

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

Notification Received: 06/22/2009
Notification ID: 53023
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

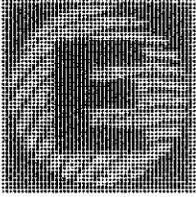
Structure Type: GTOWER - Guyed Tower
Latitude: 32 deg 46 min 14.6 sec N
Longitude: 91 deg 3 min 23.9 sec W
Location Description: 8701 Hwy 1
City: Rolling Fork
State: MISSISSIPPI
County: ISSAQUENA
Ground Elevation: 30.3 meters
Support Structure: 115.8 meters above ground level
Overall Structure: 115.8 meters above ground level
Overall Height AMSL: 146.1 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

July 9, 2009

Issaquena County Board of Supervisors
P.O. Box 27
Mayersville, Mississippi 39113

Subject:

Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

To Whom It May Concern:

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) we are requesting comment on behalf of Towers of Mississippi and the State of Mississippi 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 near Rolling Fork, Issaquena County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" west (Figure 1). 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0907) 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 towerinfo@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

**STATE OF MISSISSIPPI
COUNTY OF SHARKEY**

Personally appeared before me, the undersigned Notary Public, Ray Mosby, Editor and Publisher of the Deer Creek Pilot, a newspaper printed and published in the City of Rolling Fork, said State and County, and having a general circulation therein, who makes oath that a certain legal notice, of which a true copy clipped from the Deer Creek Pilot, and attached hereto, was printed and published in the said Deer Creek Pilot 1 consecutive times on the days and dates as follows, to wit:

- THURSDAY, the 25th day of June 2009
- THURSDAY, the _____ day of _____ 200_____

Ray Mosby

**EDITOR AND PUBLISHER
DEER CREEK PILOT**

Sworn to before me, this 25th day of June 2009
[Signature]
My Commission Expires _____
Fee for publishing and making profit: \$ _____

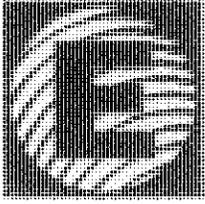
Legal Notice
Towers of Mississippi and the State of Mississippi, in accordance with requirements of Section V.B. of the March 2005 Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (FCC), are 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 380 foot guyed communications tower at 8701 Hwy 1, Rolling Fork, Issaquena County, Mississippi, 39159, at latitude 32° 46' 14.6" north and longitude 91° 03' 23.9" west.
All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0907 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 henrifo@enwciv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-3060.
June 25, 2009.

ENVIRONMENTAL ENGINEERS

JUN 25 2009
RECEIVED



Appendix H



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

July 18, 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 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Woodrick:

Environmental Engineers, Inc. is requesting a Section 106 review, on behalf of Towers of Mississippi and the State of Mississippi 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 (JSE01P0907) 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: 20JUL09
ActWgt: 1.5 LB
CAD: 4760346/INET9060
Account#: S *****

Delivery Address Bar Code



Ref # CEL912&913, JSE907&911, SBA905
Invoice #
PO #
Dept #

SHIP TO: (601) 359-6940 BILL SENDER

Mr. Jim Woodrick
MS Dept of Archives & History
200 NORTH ST

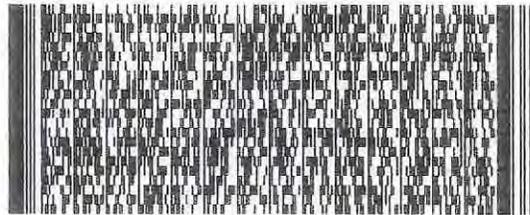
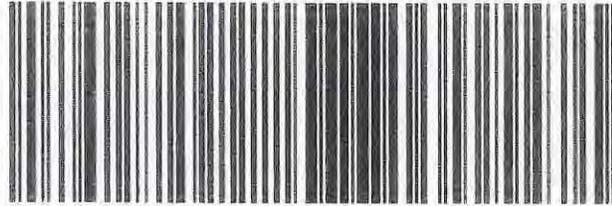
JACKSON, MS 39201

TRK# 7977 7759 7855
0201

TUE - 21JUL A2
STANDARD OVERNIGHT
RES

39201
MS-US
MEM

XX JANA



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.

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Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Tuesday, July 21, 2009 12:29 PM
To: cjohnson@envciv.com
Subject: FedEx Shipment 79777597855 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: CEL912&913, JSE907&911, SBA905
Ship (P/U) date: Jul 20, 2009
Delivery date: Jul 21, 2009 12:24 PM
Sign for by: T.MURRIEL
Delivered to: Receptionist/Front Desk
Service type: FedEx Standard Overnight
Packaging type: FedEx Pak
Number of pieces: 1
Weight: 3.00 lb.
Special handling/Services: Residential Delivery
Deliver Weekday

Tracking number: 79777597855

Shipper Information	Recipient Information
HENRY FISHER	Mr. Jim Woodrick
ENVIRONMENTAL ENGINEERS, INC	MS Dept of Archives & History
11578 U.S. Highway 411	200 NORTH 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 12:28 PM CDT on 07/21/2009.

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To track the latest status of your shipment, click on the tracking number above, or visit us at fedex.com.

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Thank you for your business.

7/21/2009



HISTORIC PRESERVATION
Ken P'Pool, director • Jim Woodrick, acting director
PO Box 571, Jackson, MS 39205-0571
601-576-6940 • Fax 601-576-6955
mdah.state.ms.us

July 31, 2009

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

MISSISSIPPI DEPARTMENT OF ARCHIVES AND HISTORY

AUG 11 2009

RECEIVED

RE: Proposed MSWIN 20117-B Wireless Communications Tower, Rolling Fork (EE Project No. JSE01P0907), MDAH Project Log #07-149-09, Issaquena County

Dear Henry:

We have reviewed your July 18, 2009, cultural resources assessment request and July 7, 2009, cultural resources survey report by Beth Ryba, Principal Investigator, received on July 22, 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,

A handwritten signature in blue ink that reads "Jim".

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: Saturday, July 18, 2009 2:27 PM
To: 'Caren Johnson'
Subject: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023
Attachments: FCC Form 620 MSWIN 20117 B TCNS 53023.pdf

July 18, 2009

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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 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 (JSE01P0907) 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, July 31, 2009 10:20 AM
To: 'Henry Fisher'
Subject: RE: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023

July 31, 2009

Mr. Henry Fisher:

The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 53023 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: Saturday, July 18, 2009 2:27 PM
To: 'Caren Johnson'
Subject: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023

July 18, 2009

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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 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 (JSE01P0907) 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: Henry Fisher [hfisher@envciv.com]
Sent: Saturday, July 18, 2009 2:30 PM
To: 'choctawhp@gmail.com'; 'Carleton, Ken'
Subject: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023
Attachments: FCC Form 620 MSWIN 20117 B TCNS 53023.pdf

July 18, 2009

Mr. Ken Carleton
Mississippi Band of Choctaw Indians

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Carleton:

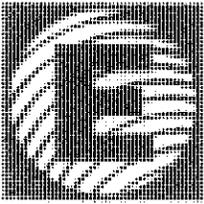
I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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 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 (JSE01P0907) 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



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 6, 2009

Ms. Wendy Huntzinger
Quapaw Tribe of Oklahoma
c/o Conner & Winters, LLP
One Williams Center, Suite 4000
Tulsa, Oklahoma 74172

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Ms. Huntzinger:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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. Per the Quapaw Tribe Cell Phone Tower Consultation Procedures requirements I have included a copy of the FCC Form 620 prepared for this site by MRS Consultants, LLC and Environmental Engineers, Inc., a copy of the State Historic Preservation Officer (SHPO) concurrence letter, and a check for the review fee.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0907) 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 or email us 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

Enclosure SHPO Letter, Form 620, Check

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: 06OCT09
ActWgt: 1.0 LB
CAD: 4760346/INET9090
Account#: S *****

Delivery Address Bar Code



SHIP TO: (918) 586-8953 BILL SENDER

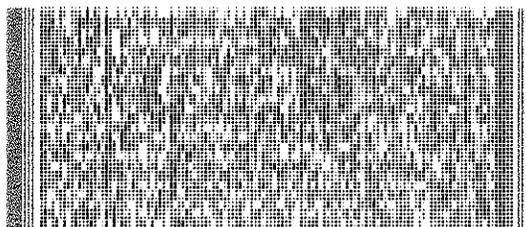
Ms. Wendy Huntzinger
Quapaw Tribe of Oklahoma
1 ONE WILLIAMS CTR STE 4000
CO CONNER & WINTERS, LLP
TULSA, OK 74172

Ref # JSE01P0907
Invoice #
PO #
Dept #

J09300887312023

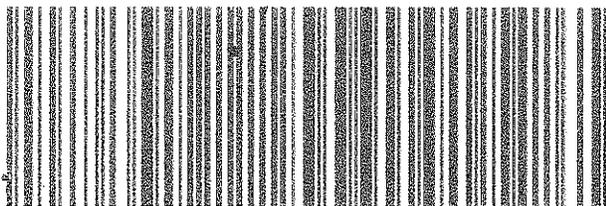
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After printing this label:

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.

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Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Thursday, October 08, 2009 8:32 AM
To: cjohnson@envciv.com
Subject: FedEx Shipment 797995558359 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: JSE01P0907
Ship (P/U) date: Oct 6, 2009
Delivery date: Oct 8, 2009 8:25 AM
Sign for by: Signature Release on file
Service type: FedEx Express Saver
Packaging type: FedEx Envelope
Number of pieces: 1
Weight: 0.50 lb.
Special handling/Services: Residential Delivery
Deliver Weekday

Tracking number: 797995558359

Shipper Information	Recipient Information
HENRY FISHER	Ms. Wendy Huntzinger
ENVIRONMENTAL ENGINEERS, INC	Quapaw Tribe of Oklahoma
11578 U.S. Highway 411	1 ONE WILLIAMS CTR STE 4000
Odenville	CO CONNER & WINTERS, LLP
AL	TULSA
US	OK
35120	US
	74172

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All weights are estimated.

To track the latest status of your shipment, click on the tracking number above, or visit us at fedex.com.

This tracking update has been sent to you by FedEx on the behalf of the Requestor noted above. FedEx does not validate the authenticity of the requestor and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update. For tracking results and fedex.com's terms of use, go to fedex.com.

Thank you for your business.

10/8/2009

Henry Fisher

From: Wendy Huntzinger [WHuntzinger@cwlaw.com]
Sent: Friday, November 13, 2009 4:11 PM
To: 'towerinfo@envciv.com'; 'Henry Fisher'
Subject: RE: TCNS 53023

Based on the information you have provided for **TCNS ID 53023** the Quapaw Tribe of Oklahoma has no immediate concerns or issues regarding this project at this time. Please keep me informed if the nature of the project should change.

Since the site is located in an area of historical interest to the Tribe, it is requested that in the event that any human remains and/or funerary objects are discovered that you cease work and contact us immediately.

Thank you,

Wendy A. Huntzinger
Paralegal
Conner & Winters, LLP
One Williams Center
Tulsa, Oklahoma 74172
(918) 586-8953

From: Wendy Huntzinger
Sent: Wednesday, June 24, 2009 11:17 AM
To: towerinfo@envciv.com
Subject: TCNS 53010; 53023

The Quapaw Tribe of Oklahoma requests additional information concerning the referenced sites. Please provide any archeological reports and/or SHPO letters received. If either of the sites are a collocation, please inform me if any additional ground disturbance will be associated with the project(s).

Please see the attached announcement and related resolution concerning an increase in research fee from \$50.00 to \$75.00 which has been implemented by the Quapaw Tribe of Oklahoma (O-Gah-Pah) for all requests received after January 31, 2008.

Thank you,

Wendy A. Huntzinger
Paralegal
Conner & Winters, LLP
One Williams Center
Tulsa, Oklahoma 74172
(918) 586-8953

Notification ID: 53010
=====

Notification Received: 06/22/2009
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: 32 deg 46 min 23.2 sec N
Longitude: 91 deg 3 min 26.9 sec W
Location Description: 8701 Hwy 1
City: Rolling Fork
State: MISSISSIPPI
County: ISSAQUENA
Ground Elevation: 30.0 meters
Support Structure: 115.8 meters above ground level
Overall Structure: 115.8 meters above ground level
Overall Height AMSL: 145.8 meters above mean sea level

Notification ID: 53023
=====

Notification Received: 06/22/2009
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: 32 deg 46 min 14.6 sec N
Longitude: 91 deg 3 min 23.9 sec W
Location Description: 8701 Hwy 1
City: Rolling Fork
State: MISSISSIPPI
County: ISSAQUENA
Ground Elevation: 30.3 meters
Support Structure: 115.8 meters above ground level
Overall Structure: 115.8 meters above ground level
Overall Height AMSL: 146.1 meters above mean sea level

IRS Circular 230 Notice: To ensure compliance with requirements imposed by the IRS, we inform you that, unless specifically indicated otherwise, any tax advice contained in this communication (including any attachment) was not intended or written to be used, and cannot be used, for the purpose of (i) avoiding tax-related penalties under the Internal Revenue Code or (ii) promoting, marketing or recommending to another party any tax-related matter addressed herein.

This message and any attachments may contain information that is highly confidential, privileged, and exempt from disclosure. Any recipient other than the intended recipient is advised that any dissemination, distribution, copying, or other use of this message is strictly prohibited.

If you have received this message in error, please notify the sender immediately.

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Saturday, July 18, 2009 2:32 PM
To: 'Dawn Hutchins'
Subject: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023
Attachments: FCC Form 620 MSWIN 20117 B TCNS 53023.pdf

July 18, 2009

Ms. Dawn Hutchins
Seminole Tribe of Florida

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Ms. Hutchins:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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 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 (JSE01P0907) 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, July 29, 2009 8:26 AM
To: towerinfo@envciv.com
Cc: towernotifyinfo@fcc.gov; dawnhutchins@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID #53023) - Email ID #2255076

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 Compliance Review Supervisor Dawn P Hutchins of the Seminole Tribe of Florida in reference to Notification ID #53023:

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,
Dawn P. Hutchins
Compliance Review Supervisor
FOR:
W.S. Steele,
Tribal Historic Preservation Officer

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

Notification Received: 06/22/2009
Notification ID: 53023
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: 32 deg 46 min 14.6 sec N
Longitude: 91 deg 3 min 23.9 sec W

Location Description: 8701 Hwy 1

City: Rolling Fork

State: MISSISSIPPI

County: ISSAQUENA

Ground Elevation: 30.3 meters

Support Structure: 115.8 meters above ground level

Overall Structure: 115.8 meters above ground level

Overall Height AMSL: 146.1 meters above mean sea level

Henry Fisher

From: Earl Barbry, Jr. [earlji@tunica.org]
Sent: Tuesday, May 03, 2005 5:51 PM
To: Henry Fisher
Cc: Niki Jeter
Subject: Re: HELPI - 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: Saturday, July 18, 2009 2:24 PM
To: 'earlii@tunica.org'
Subject: Proposed MSWIN 20117 B Wireless Communications Tower TCNS 53023

July 18, 2009

Mr. Earl Barbry
Tunica-Biloxi Indians of Louisiana

Subject:
TCNS 53023
Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Barbry:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Issaquena County, Mississippi. This project was also submitted through the FCC TCNS on June 22, 2009 (TCNS ID # 53023).

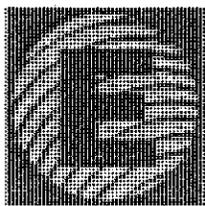
The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0907) 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

July 9, 2009

Issaquena County Board of Supervisors
P.O. Box 27
Mayersville, Mississippi 39113

Subject:

Proposed MSWIN 20117 B Wireless Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

To Whom It May Concern:

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) we are requesting comment on behalf of Towers of Mississippi and the State of Mississippi 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 near Rolling Fork, Issaquena County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" west (Figure 1). 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 8701 Highway 1, Rolling Fork, Mississippi 39159. Proposed activities consist of construction of a 380-foot guyed communications tower 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.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0907) 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 towerinfo@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)

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.54	

Sent To: Issaquena County Bd of Supervisors
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

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:
Issaquena County Bd of Supervisors
P.O. Box 27
Mayville, MS 39113

2. Article Number
 (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

 B. Received by (Printed Name) Helel Key C. Date of Delivery 7.9.09
 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 0220 0003 4719 8730

RECEIVED
10/19/09

ISSAQUENA COUNTY BOARD OF SUPERVISORS
P. O. BOX 27
MAYERSVILLE, MS 39113
662-873-2761

October 15, 2009

State of Mississippi
Wireless Communication Commission
412 E. Woodrow Wilson Ave., Mail Code 6601
Jackson, MS 39216

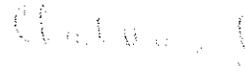
ATTN: Mr. Taylor Robinson

Re: 108 Dorsey Rd., Grace, MS
9052 Highway 1, Rolling Fork, MS

Dear Mr. Robinson:

Pursuant to your fax communication of September 30, 2009 to Issaquena County Supervisor Milton Goza, the Board of Supervisors has authorized me to reply to you that there are no special permitting or zoning requirements which have been passed by the Board which would limit or prohibit the construction of wireless communication towers.

Sincerely,



Charles Weissinger, Jr.
Attorney for the Board

**STATE OF MISSISSIPPI
COUNTY OF SHARKEY**

Personally appeared before me, the undersigned Notary Public, Ray Mosby, Editor and Publisher of the Deer Creek Pilot, a newspaper printed and published in the City of Rolling Fork, said State and County, and having a general circulation therein, who makes oath that a certain legal notice, of which a true copy clipped from the Deer Creek Pilot, and attached hereto, was printed and published in the said Deer Creek Pilot 1 consecutive times on the days and dates as follows, to wit:

- THURSDAY, the 25th day of June 2009
- THURSDAY, the _____ day of _____ 200_____

Ray Mosby

**EDITOR AND PUBLISHER
DEER CREEK PILOT**

Sworn to before me, this 25th day of June 2009
Matalie Fleeman Perkins
My Commission Expires _____
Fee for publishing and making profit: \$ _____

Legal Notice

Towers of Mississippi and the State of Mississippi, in accordance with requirements of Section V.B. of the March 2005 Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (FCC), 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 360 foot guyed communications tower at 8701 Hwy 1, Rolling Fork, Issaquena County, Mississippi, 39159, at latitude 32° 46' 14.6" north and longitude 91° 03' 23.9" west. All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0907 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 lowerrifo@envciv.com, via telephone at (205) 629-3668, or via facsimile at (877) 847-3060. June 25, 2009.

ENVIRONMENTAL ENGINEERS

JUN 25 2009
RECEIVED



Appendix K



DEPARTMENT OF THE ARMY

VICKSBURG DISTRICT, CORPS OF ENGINEERS

4155 CLAY STREET

VICKSBURG, MISSISSIPPI 39163-3435

REPLY TO

ATTENTION OF:

October 26, 2009

RECEIVED

Operations Division

SUBJECT: Towers of Mississippi, Construction of MSWIN 20117 B Communications Tower, Rolling Fork, Issaquena County, Mississippi, Environmental Engineers, Incorporated, Project Number JSE01P0907

Mr. Taylor Robinson
Towers of Mississippi
31560 Blakely Way
Spanish Fort, Alabama 36532

Dear Mr. Robinson:

This letter is in response to the October 13, 2009, letter from Mr. Henry A. Fisher, P.E., of Environmental Engineers, Incorporated, concerning proposed plans for the construction of MSWIN 20117 B communications tower and access road near Rolling Fork in Issaquena County, Mississippi. The location of the activity is depicted on the enclosed map (enclosure 1).

Based upon the information provided, it appears that Department of the Army permit requirements for the proposed work will be authorized by Nationwide Permit No. 14, as specified in the March 12, 2007, Federal Register, Issuance of Nationwide Permits; Notice (72 FR 11092-11198), provided the activity complies with the Nationwide Permit Special Conditions (enclosure 2), the Nationwide Permit General Conditions (enclosure 3), and the Regional Conditions (enclosure 4). It is your responsibility to read and become familiar with the enclosed conditions in order for you to ensure that the activity authorized herein complies with the Nationwide Permits.

This verification is valid for a period of 2 years, or until the Nationwide Permit is modified, suspended, or revoked. Activities which are under construction or that are under contract to commence in reliance upon a Nationwide Permit will remain authorized, provided the activity is completed within 12 months of the date of any subsequent modification, expiration, or revocation of the Nationwide Permit. Upon completion of the activity authorized by this Nationwide Permit, please fill out the enclosed certification of compliance (enclosure 5) and return it to our office.

This authorization was based upon a preliminary jurisdictional determination that there appear to be jurisdictional areas on the property subject to regulation pursuant to Section 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. An appeals form has been enclosed for your review (enclosure 6).

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges, and does not authorize any injury to property or invasion of rights or local laws or regulations, or obviate the requirement to obtain State or local assent required by law for the activity discussed herein.

Thank you for advising us of your plans. If you change your plans for the proposed work, or if the proposed work does not comply with the conditions of the Nationwide Permit, please contact Ms. Amiee D. Watler of this office, telephone (601) 631-5292, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil. In any future correspondence concerning this project, please refer to identification no. MVK-2009-1394.

If we may be of any further assistance in this matter, please contact Ms. Amiee Watler of this office, telephone (601) 631-5292, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil.

I am forwarding a copy of this letter to Mr. Henry A. Fisher, Environmental Engineers, Incorporated, 11578 U.S. Highway 411, Odenville, Alabama 35120.

The Vicksburg District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the Customer Service Survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>. If it is more convenient for you, please complete and return the enclosed postage-paid post card (enclosure 7).

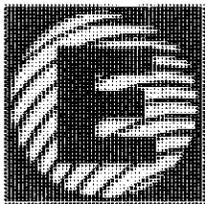
Sincerely,



David Lofton
Chief, Permit Section
Regulatory Branch

Enclosures

Appendix L



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

October 13, 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 20117 B Communications Tower
Rolling Fork, Issaquena County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0907

Dear Mr. Wilkes:

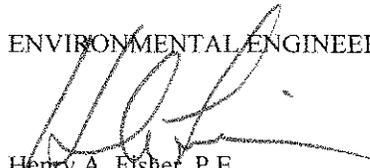
Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Issaquena County, Mississippi. This project is being funded using a FEMA grant (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 "Whiting Bayou, Mississippi - Louisiana," dated 1970. The site is located in the southeast portion of Section 1, Township 11 North, Range 8 West, Issaquena County, Mississippi, at latitude 32°46'14.59" north and longitude 91°03'23.918" 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 off Mississippi Highway 1 near Fitler, Mississippi. The site is a portion of an agricultural field planted in corn. The site and access are generally level. Access to the site is provided by an existing field road approximately 3,000 feet in length that enters the site from the southeast. Proposed activities consist of construction of a 380-foot guyed communications tower (390 feet with appurtenances) 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. The proposed project is located in "Zone A" (shaded) of the Flood Hazard Boundary Map Community Panel No. 2800200 0005 A which bears effective date of February 24, 1978 and is 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.

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 (JSE01P0907) 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.



Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map, Site Photographs, Aerial Photograph

7007 2680 0002 3656 3160

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT <i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage \$	JSE01P0906
Certified Fee	JSE01P0907
Return Receipt Fee (Endorsement Required)	Postmark Here
Restricted Delivery Fee (Endorsement Required)	JSE01P0911
Total Postage & Fees \$	JSE01P0912 10.05 JSE01P0913
Sent to Mr. Homer L. Wilkes, State Conservationist Street, Apt. No.; or PO Box No. City, State, ZIP+4	
PS Form 3800, August 2005 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION <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. 1. Article Addressed to: Mr. Homer L. Wilkes, State Conservationist U.S. Dept of Agriculture, Natural Resources Conservation Service 100 W Capital Street Suite 1321 Federal Building Jackson, MS 39209	COMPLETE THIS SECTION ON DELIVERY A. Signature <input checked="" type="checkbox"/> <i>H. Ward</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) C. Date of Delivery 10/19/09 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 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. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
---	--

United States Department of Agriculture



Natural Resources Conservation Service
Suite 1321, Federal Building
100 West Capitol Street
Jackson, MS 39269

ENVIRONMENTAL ENGINEERS

NOV 09 2009

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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 13, 2009, regarding the Proposed MSWIN 20117 B Communication Tower in Rolling Fork in Issaquena County, Mississippi.

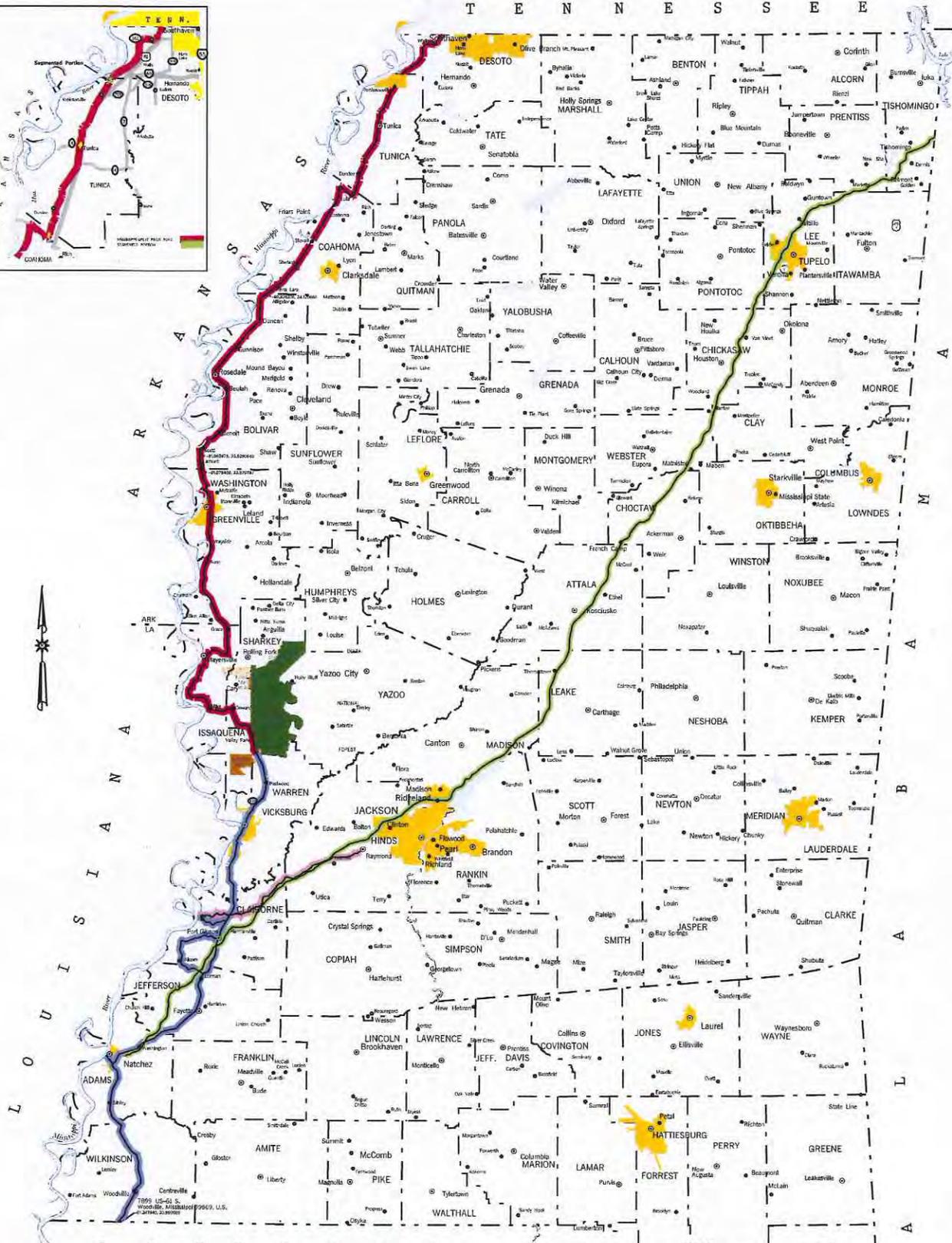
Permanent conversion of farm land is not proposed; therefore a FPPA determination is not required.

Sincerely,

A handwritten signature in black ink that reads "Delaney B. Johnson".

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

PREPARED BY THE
 © MISSISSIPPI DEPARTMENT OF TRANSPORTATION, 2005
 PLANNING DIVISION

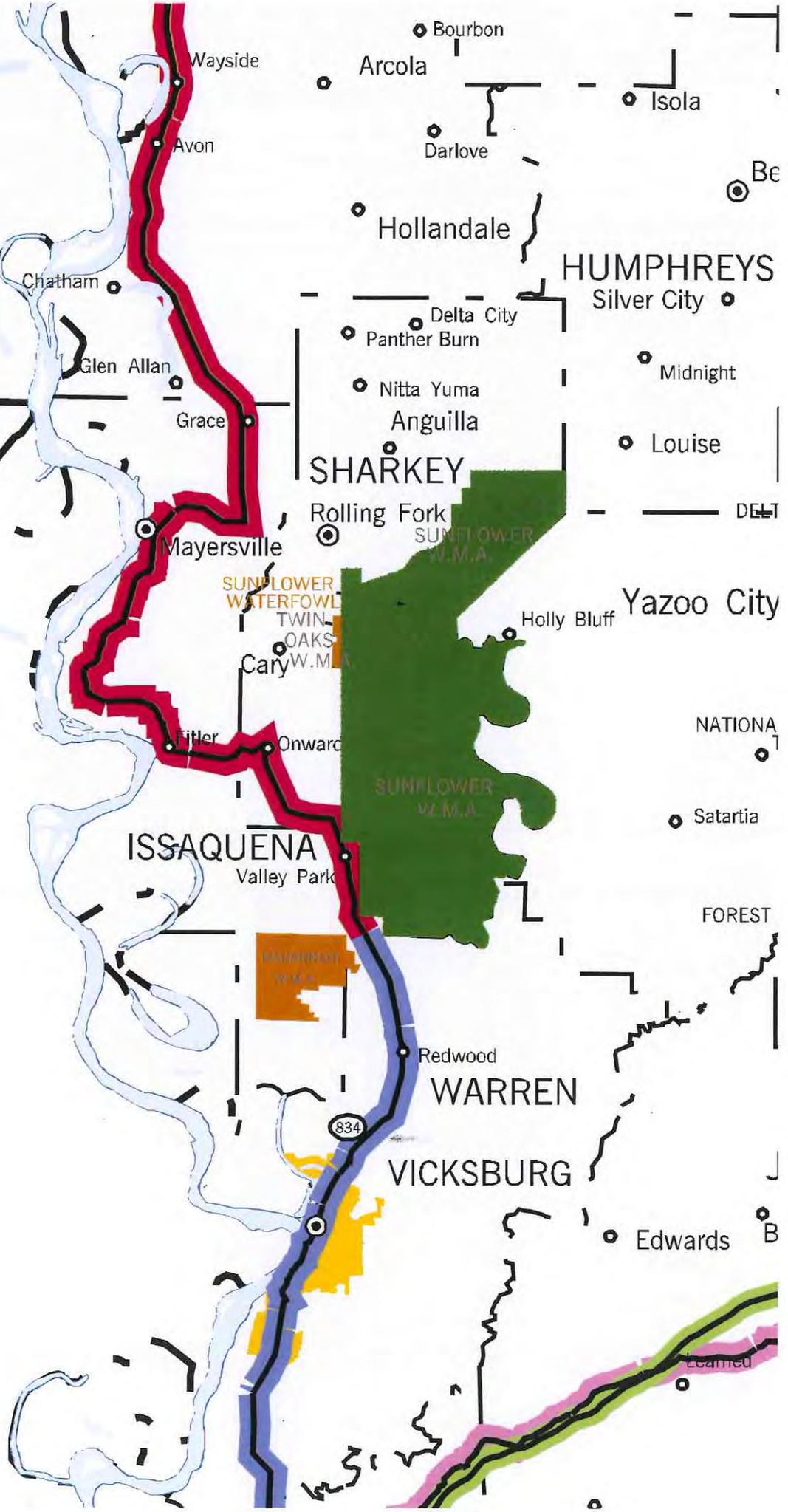
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Silver City

Midnight

Louise

DELT

Yazoo City

Holly Bluff

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WARREN

VICKSBURG

Edwards

B

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Appendix N

Search

National Wild & Scenic Rivers



National System	Management	Information	Publications	Site Navigation	Rivers & Trails	Contact Us
---------------------------------	----------------------------	-----------------------------	------------------------------	---------------------------------	-------------------------------------	----------------------------

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.



Kid's Page

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- [Rivers](#)
- [RTCA](#)



GIS & Maps

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- [Site Index](#)
- [Contact Us](#)



WSR Display

- [Management](#)
- [WSR Council](#)
- [Publications](#)

This web site uses pop-up windows — no advertising.

[Back](#)

Black Creek Wild and Scenic River, Mississippi Created on: 1/1/2007 Last updated: 11/13/2009 11:19:17 Site has changed since last visit!

National Wild & Scenic Rivers







National System
Management
Information
Publications
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Rivers & Trails
Contact Us

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).

Alabama

- [Black Warrior River \(Sipsey Fork\)](#)

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Alaska

- [Alagnak River](#) — [National Park Service Site](#)
- [Alatna River](#)
- [Andreafsky River](#)
- [Aniakchak River](#)
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- [Birch Creek](#) — [Bureau of Land Management Site](#)
- [Charley River](#) — [National Park Service Site](#)
- [Chilkadrotna River](#)
- [Delta River](#) — [Bureau of Land Management Site](#)
- [Fortymile River](#) — [Bureau of Land Management Site](#)
- [Gulkana River](#) — [Bureau of Land Management Site](#)
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- [John River](#)
- [Kobuk River](#)
- [Koyukuk River \(North Fork\)](#)
- [Mulchatna River](#)
- [Noatak River](#)
- [Nowitna River](#)
- [Salmon River](#)
- [Selawik River](#)
- [Sheenik River](#)
- [Tinayook River](#)
- [Tlikakila River](#)
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- [Cossatot River](#)
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- [Richland Creek](#)



Cossatot River, Arkansas

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- [American River \(North Fork\) — Bureau of Land Management Site](#)
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- [Big Sur River](#)
- [Black Butte River](#)
- [Cottonwood Creek](#)
- [Eel River](#)
- [Feather River](#)
- [Fuller Mill Creek](#)
- [Kern River](#)
- [Kings River](#)
- [Klamath River — U.S. Forest Service Site](#)
- [Merced River — Bureau of Land Management Site](#)
- [Owens River Headwaters](#)
- [Palm Canyon Creek](#)
- [Piru Creek](#)
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- [Sturgeon River \(Hiawatha National Forest\)](#)
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- [Missouri River](#) — [Bureau of Land Management Site](#)

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- [Little Miami River — State of Ohio Site](#)

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- [Yellowstone River \(Clarks Fork\)](#)

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Other Data

- [Printable table of the National Wild & Scenic Rivers System \(PDF — Print as landscape\).](#)
- [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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