



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

Pam Breaux
State Historic Preservation Officer
Department of Culture, Recreation & Tourism
P.O. Box 44247
Baton Rouge LA 70804

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

Determination: No Historic Properties Affected

Dear Ms. Breaux:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the Louisiana State-Specific Programmatic Agreement among FEMA, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), the Louisiana State Historic Preservation Officer of the Department of Culture Recreation and Tourism (SHPO), the Alabama-Coushatta Tribe of Texas (ACTT), the Chitimacha Tribe of Louisiana (CTL), the Choctaw Nation of Oklahoma (CNO), the Jena Band of Choctaw Indians (JBCI), the Mississippi Band of Choctaw Indians (MBCI), the Seminole Tribe of Florida (STF), and the Advisory Council on Historic Preservation (ACHP) regarding FEMA's Hazard Mitigation Grant Program (LA HMGP PA) dated January 31st, 2011 and providing the State Historic Preservation Office with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and

conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4 separate pylons (measuring 5 ft. by 5 ft.) to a depth of 8 ft. or more, based on the findings of a licensed engineer. Both alternatives impact the same location, which measures 25 ft. by 25 ft. wide and will be disturbed to a depth of 8 ft. or more. The proposed tower to support the radar pedestal and dish and the covering radome will be installed 30-40 ft. south of the University of Louisiana Monroe (ULM) Agriculture and Auto Science Shop. Additionally, a security fence will be installed around the tower. This undertaking will meet all applicable FEMA guidelines, the applicable International Building Code, and all other applicable state and local regulations. The proposed tower location is in improved pasture approximately 30-50 ft. south of the southeastern corner of the existing ULM Agriculture and Automotive Science Shop building. The proposed tower location is situated on the top of a gentle, south-facing hill slope and is relatively flat with the exception of the southeastern corner. The southeastern corner houses a disused power pole base and is disturbed from the installation of the power pole. The entire area is fenced, separating the active livestock areas from the ULM Agriculture and Maintenance Science Shop. This fence served as the eastern and southern boundaries of the proposed tower location.

Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

Following the guidelines of the *FCC PA* and in coordination with SHPO staff, FEMA only examined the standing structures APE for properties listed in or determined eligible for listing in the National Register of Historic Places (NRHP). FEMA conducted a review on July 17, 2011 of the Louisiana National Register of Historic Places (NRHP) database and the Louisiana Cultural Resources Map, which revealed that there are no listed or eligible districts or properties located within the standing structures APE. The undertaking is new construction and does not involve an existing standing structure; therefore no determination of eligibility is required or included with this consultation package.

Identification and Evaluation of Historic Properties within the Archaeological APE

Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

These two sites are both classified as Archaic occupations located in the Bastrop Hills formation. The Bastrop Hills formation is included within the Pleistocene era Deweyville terrace deposits. The first site, 16OU104, was recorded by Hillman (first name not provided) on May 23, 1978. This unnamed site is described as a small lithic scatter located in an agricultural field on a sandy terrace. Brown chert lithic debitage, a brown chert projectile point of unknown type, and a fragmentary nutting stone (unknown material) were recovered. The field methodology was not described, so it is unknown whether this site was a surface scatter or possessed a subsurface component. Killoden's Archaic (16OU260) was discovered by Joe Saunders on August 21, 1992 during a survey of a proposed park location for the City of Monroe. Mr. Saunders collected prehistoric materials consisting of lithic debitage and one fire cracked rock, all located in the B soil horizon. This site was described as moderately intact and was recommended for further study.

FEMA archaeologists conducted a site visit on July 19, 2011. A total of three soil probes were excavated to determine subsurface conditions. The three probes were initially shovel excavated to a depth of 10-50 cmbs, after which a 4" diameter soil bucket auger was utilized to reach a greater depth. The auger tests were excavated to a depth of 75-108 cmbs. All soils recovered from the probe were screened through 1/4" mesh hardware cloth. Soil probe one was excavated on the southern edge of the proposed tower location and displayed three soil strata in profile. Stratum I was described as a layer of yellowish brown (10YR 5/4) loam to a depth of 12 cmbs and represents the humic layer. Beneath this was Stratum II, a yellow (10YR 7/6) mottled with yellowish red (5YR 5/6) iron flecking to a depth of 63 cmbs. The texture of Stratum II was silty clay. Finally, Stratum III was described as yellow (10YR 7/6) silty clay mottled with pink (10YR 8/4) flecking to a depth of 108 cmbs. Both Stratum II and III were comprised of very dense, dry clay and were difficult to excavate.

Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact Jeramé Cramer, Deputy Environmental Liaison Officer, at (504) 762-2917 or Jerame.cramer@dhs.gov, FEMA archaeologist (CTR) Mark Martinkovic at (504) 762-2383 or Mark.Martinkovic@associates.dhs.gov, FEMA Historic Preservation Specialist Dan DiGiuseppe, at (504)-762-2977 or Daniell.digiuseppe@dhs.gov.

Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Rachel Watson, Division of Archaeology Reviewer
David Livingstone, Division of Historic Preservation Reviewer
State Historic Preservation Office

Enclosures

Figure 1- Monroe North Quad Topographic Map
Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

The Division of Archaeology Reviewer concurs with the finding that there will be **No Historic Properties Affected** as a result of this undertaking.

Division of Archaeology Reviewer

Date

The Division of Historic Preservation Reviewer concurs with the finding that there will be **No Historic Properties Affected** as a result of this undertaking.

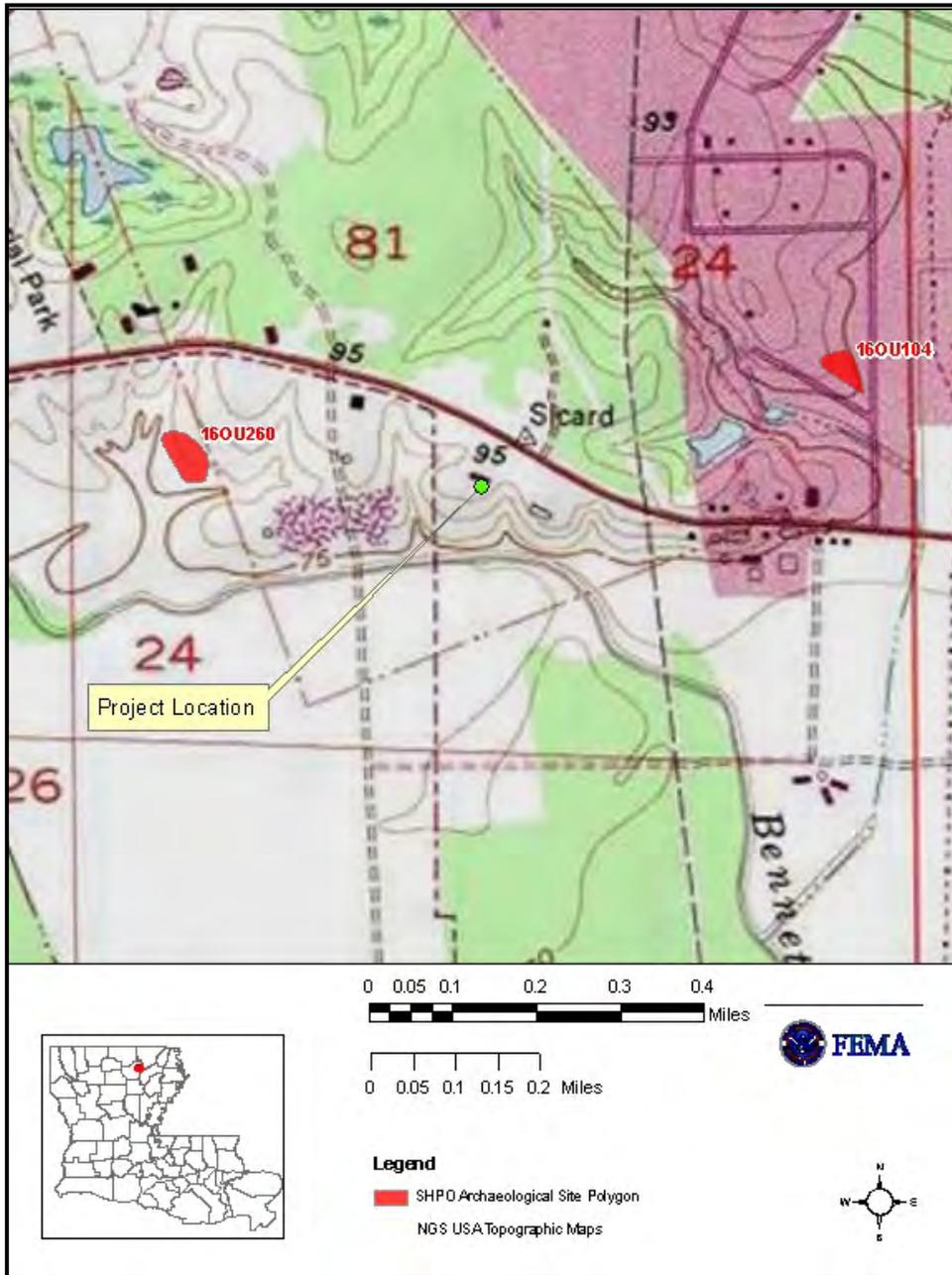
Division of Historic Preservation Reviewer

Date

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

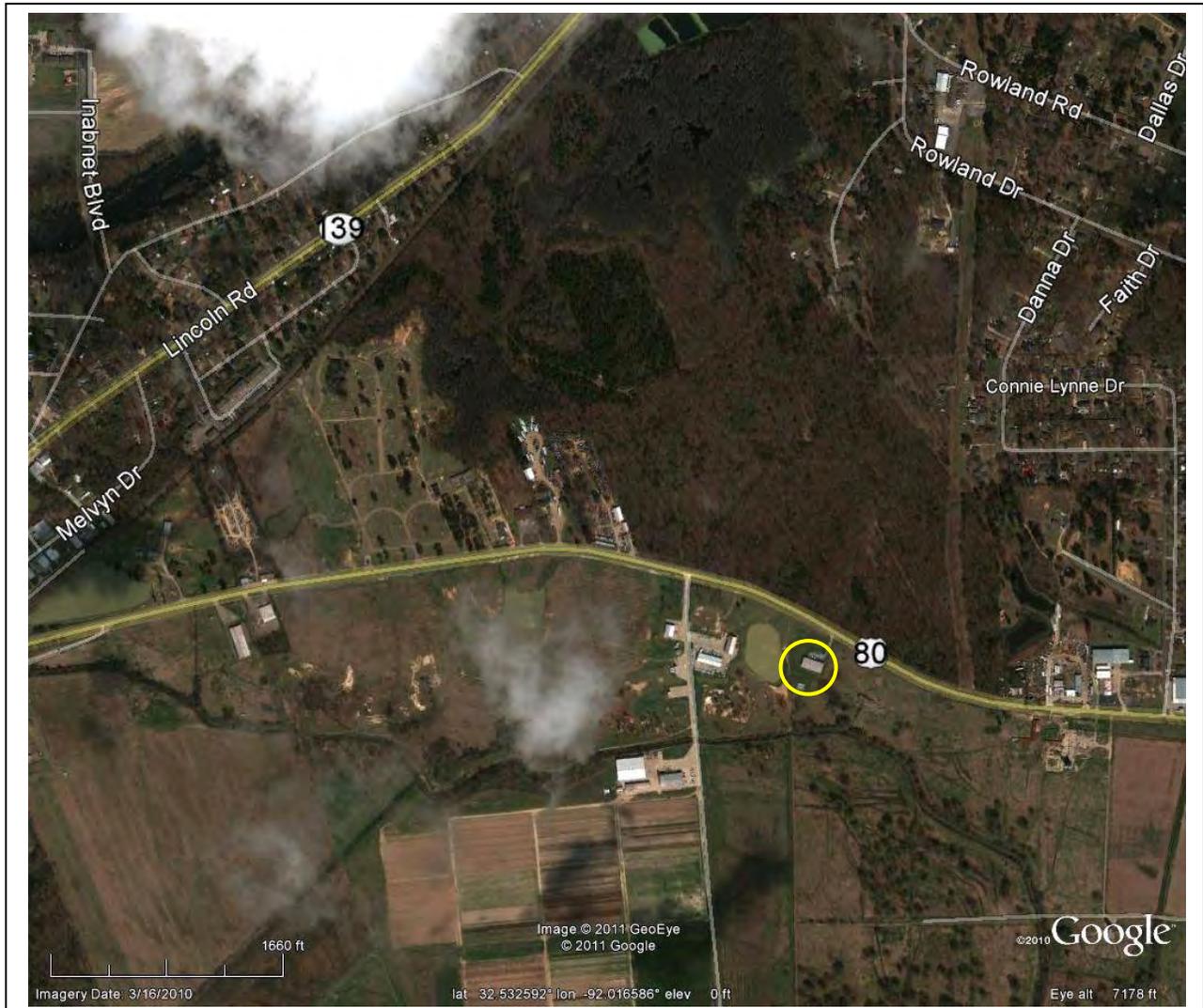


Figure 2- Aerial view location map-project location appears in yellow circle

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

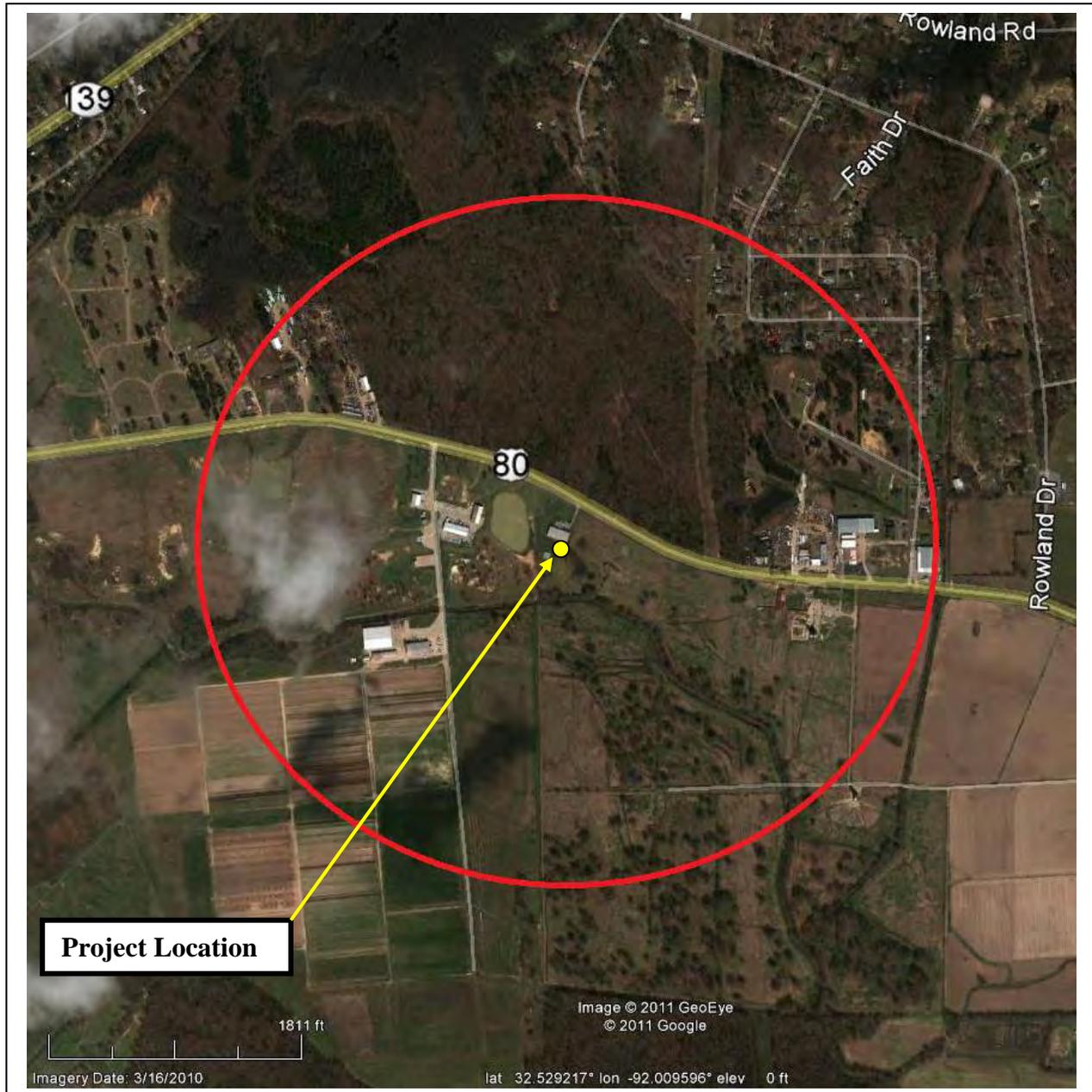


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 5

View from proposed tower location, facing north.



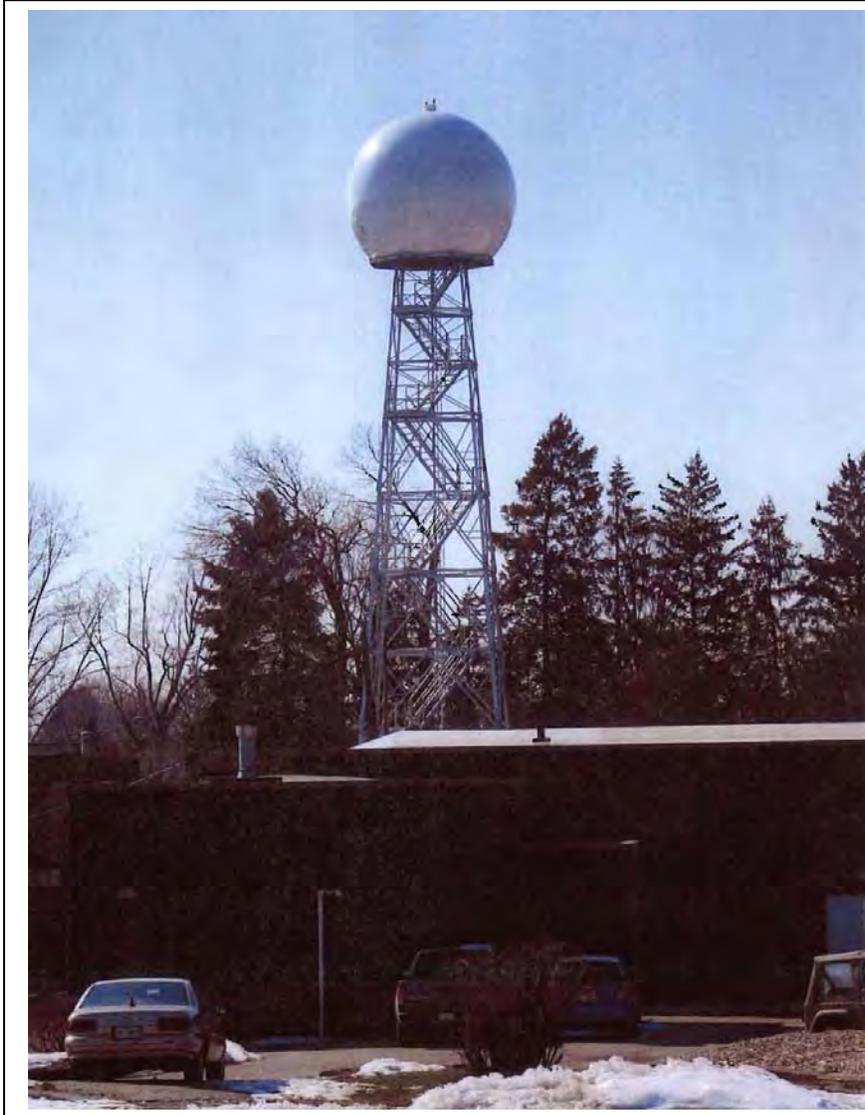
Figure 6

View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

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September 14, 2011

Pam Breaux
State Historic Preservation Officer
Department of Culture, Recreation & Tourism
P.O. Box 44247
Baton Rouge LA 70804

No known historic properties will be affected by this undertaking. This effect determination could change should new information come to our attention.

Pam Breaux 10-4-11
Pam Breaux Date
State Historic Preservation Officer

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

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Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)
- Determination:** No Historic Properties Affected

Dear Ms. Breaux:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the Louisiana State-Specific Programmatic Agreement among FEMA, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), the Louisiana State Historic Preservation Officer of the Department of Culture Recreation and Tourism (SHPO), the Alabama-Coushatta Tribe of Texas (ACTT), the Chitimacha Tribe of Louisiana (CTL), the Choctaw Nation of Oklahoma (CNO), the Jena Band of Choctaw Indians (JBCI), the Mississippi Band of Choctaw Indians (MBCI), the Seminole Tribe of Florida (STF), and the Advisory Council on Historic Preservation (ACHP) regarding FEMA's Hazard Mitigation Grant Program (LA HMGP PA) dated January 31st, 2011 and providing the State Historic Preservation Office with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and

SEP 15 2011



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New Orleans, LA 70114

September 14, 2011

Brenda Shemayne Edwards
Chairperson
Caddo Nation
5 Miles East of Binger at Intersection of Highway 281 and Highway 152
Binger OK 73009

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
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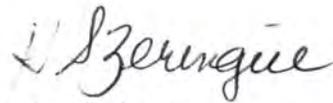
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Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Robert Cast, THPO
Caddo Nation

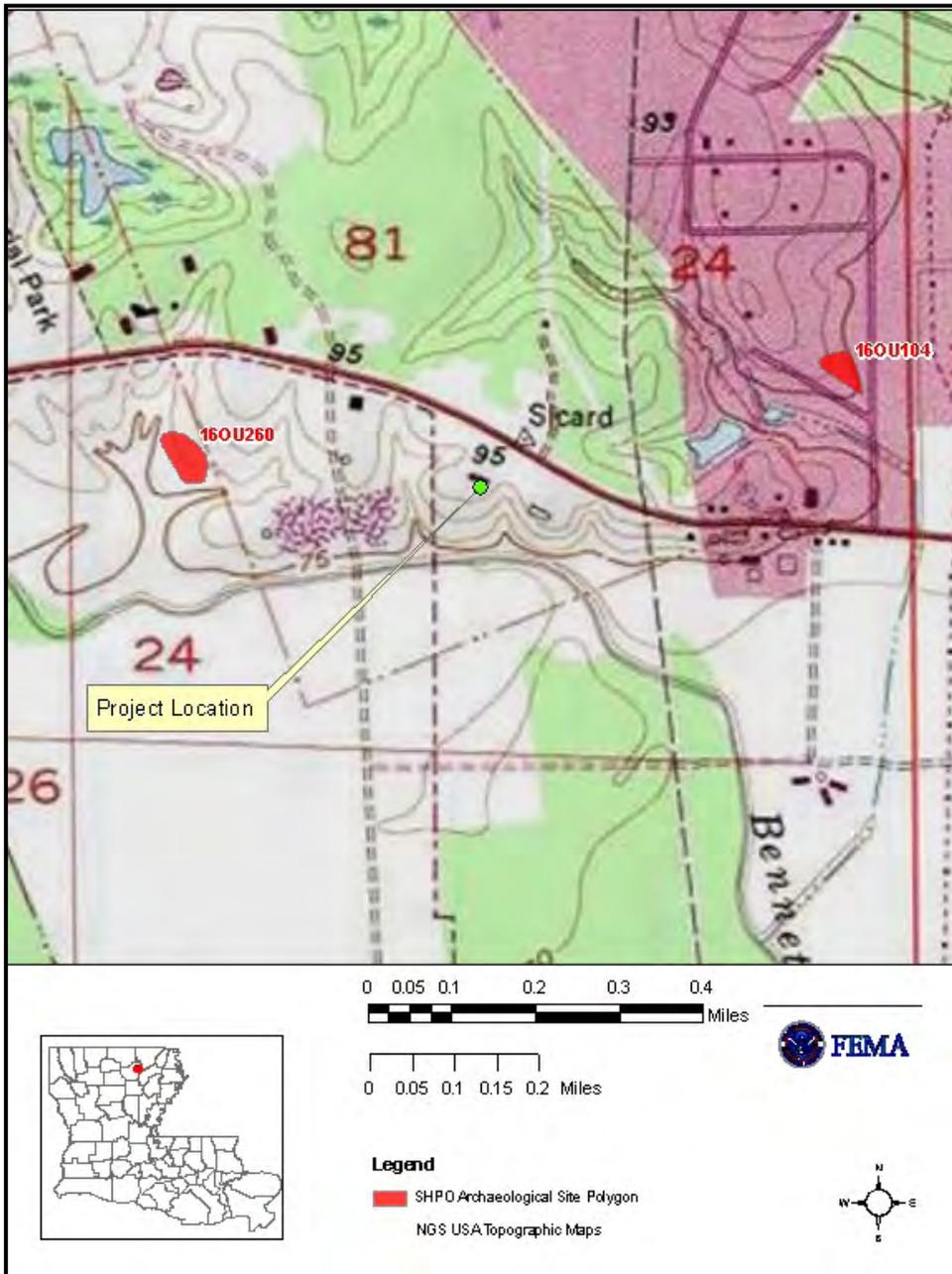
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**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
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Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

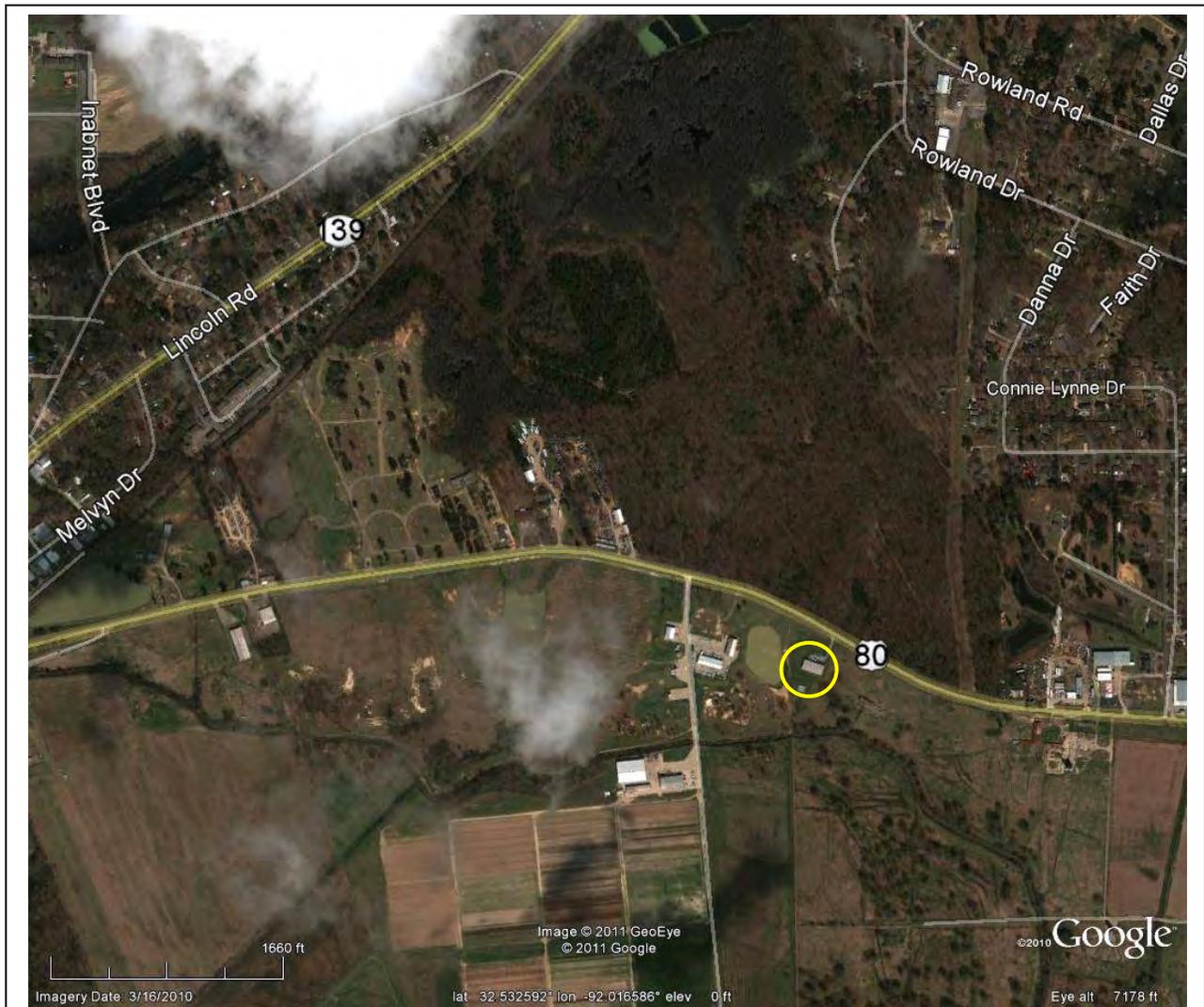


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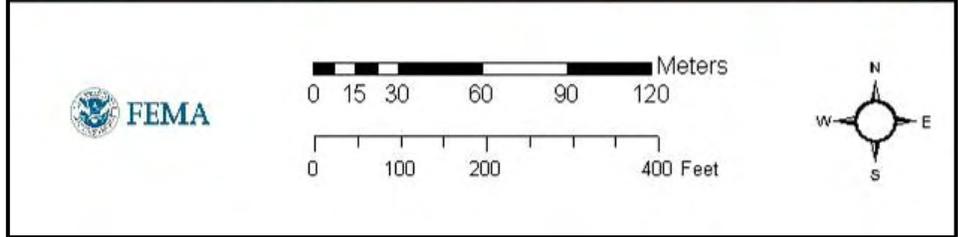
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

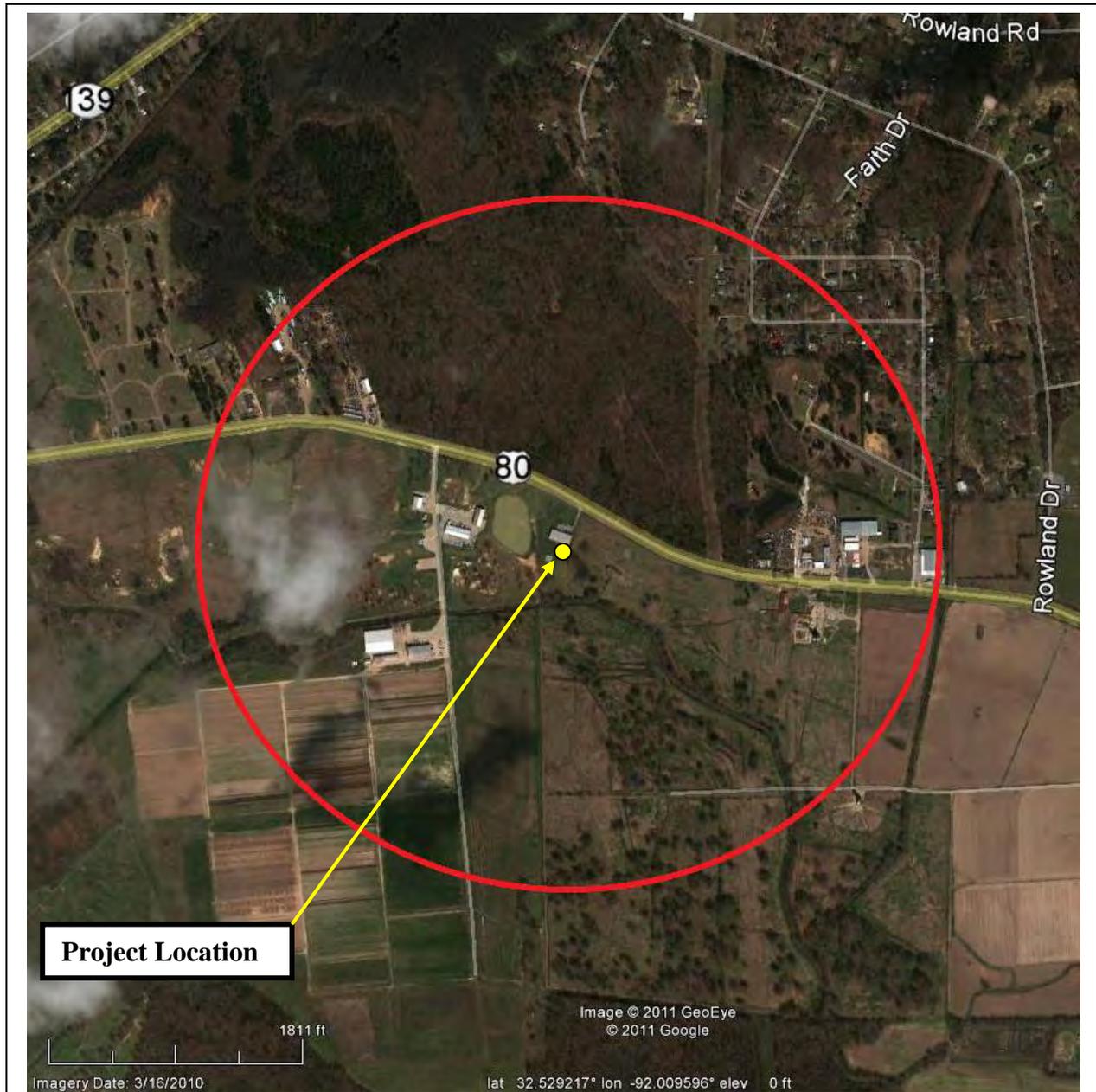


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

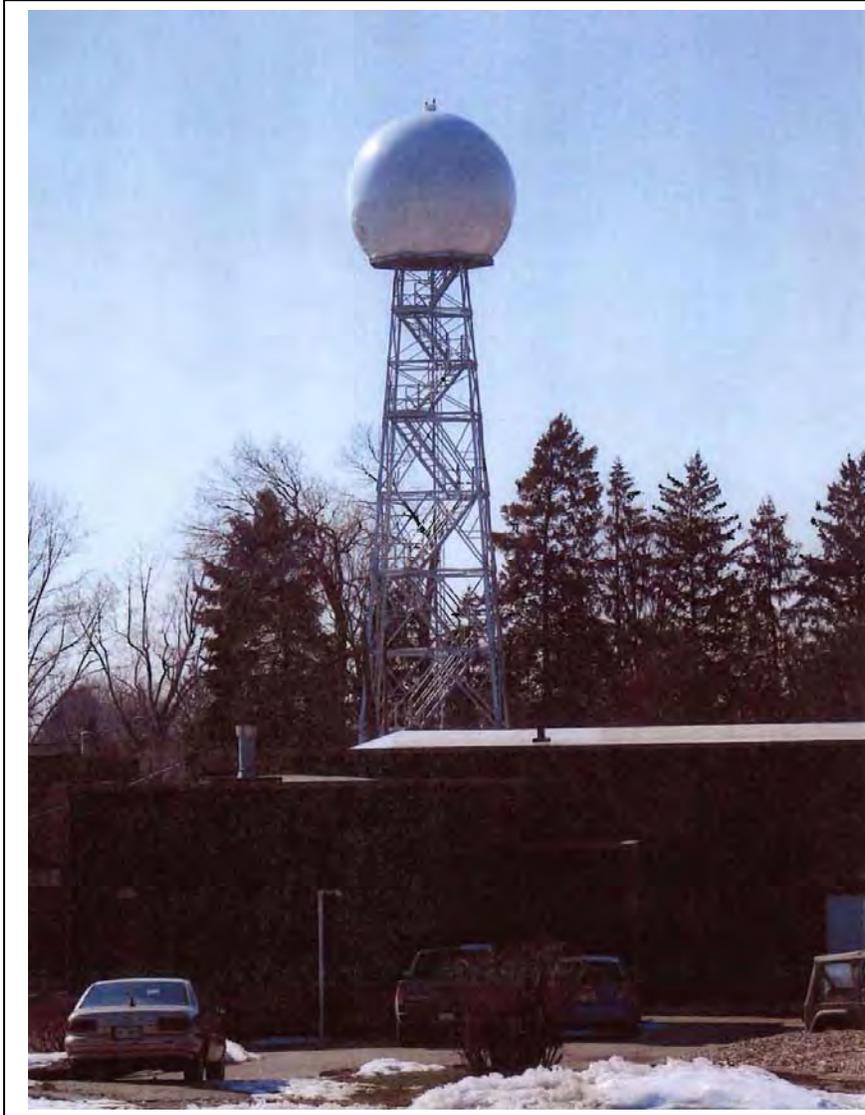
Resource Address: 807 U.S. Highway 80 East, Monroe, LA

	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
	<p>Figure 6</p> <p>View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south</p>

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



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September 14, 2011

Earl Barbry Sr.
Chairman
Tunica-Biloxi Tribe of Louisiana
151 Melacon Dr.
Marksville LA 71351

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

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Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4

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Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

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Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

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Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

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Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Earl Barbry, Jr., Cultural Director
Tunica-Biloxi Tribe of Louisiana

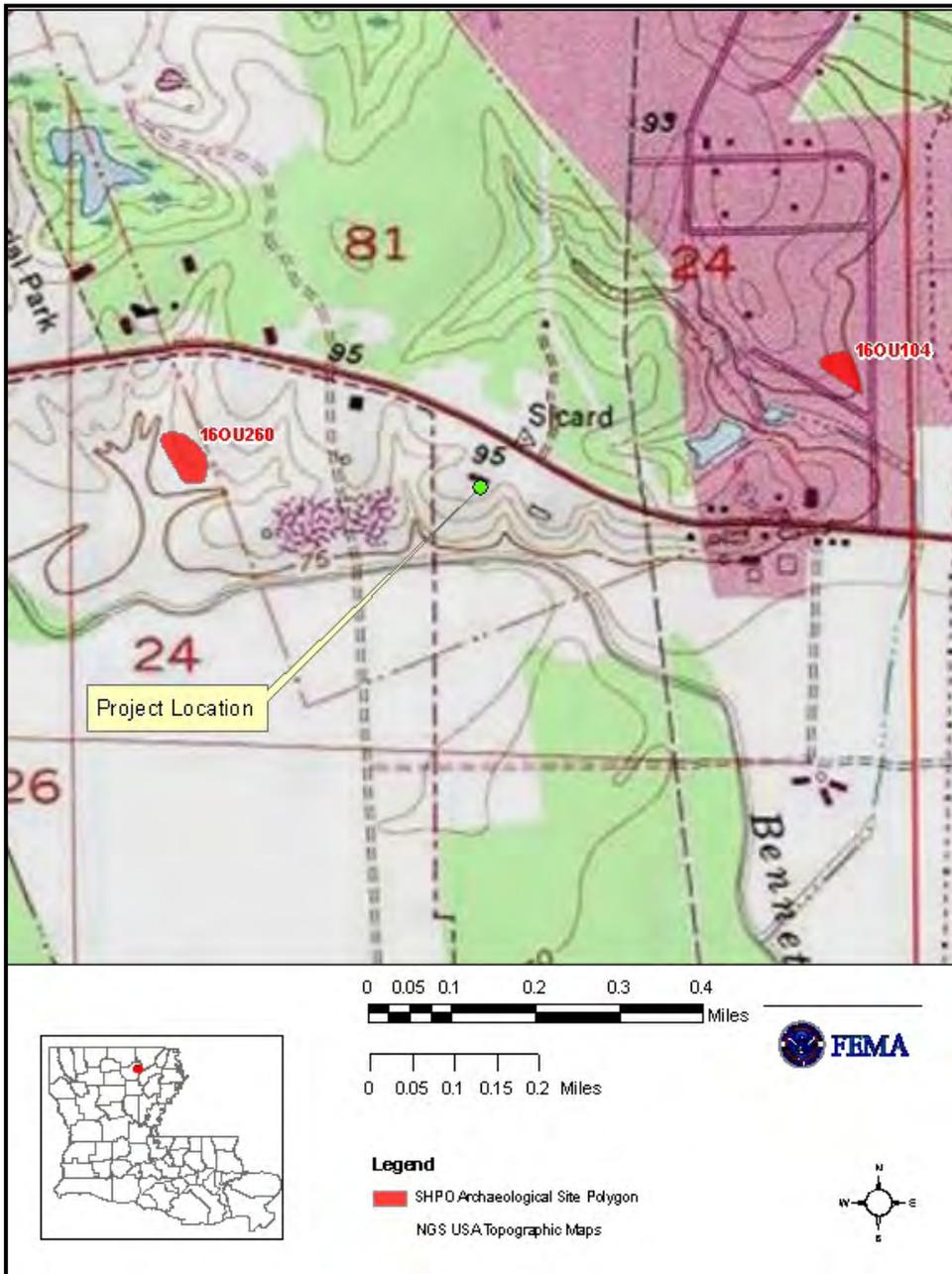
Enclosures

Figure 1- Monroe North Quad Topographic Map
Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

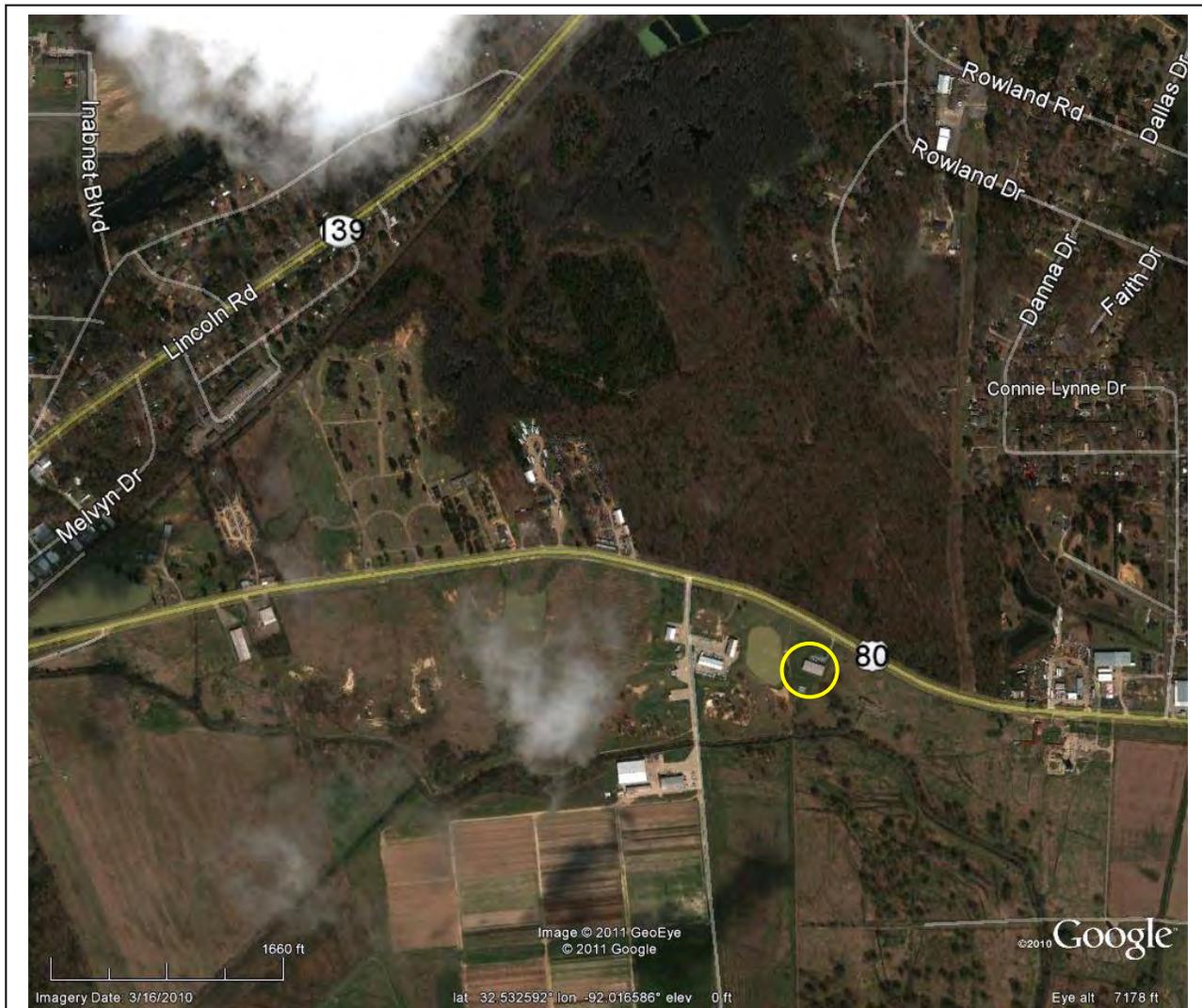


Figure 2- Aerial view location map-project location appears in yellow circle

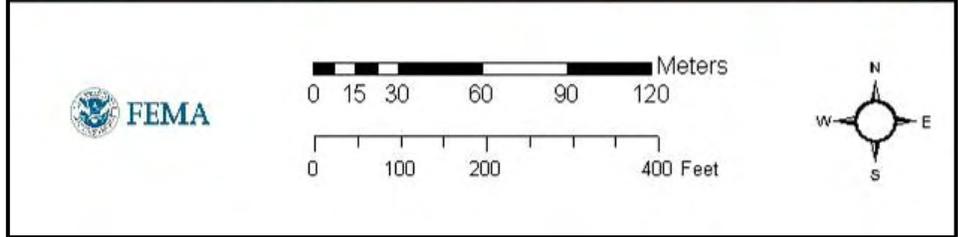
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

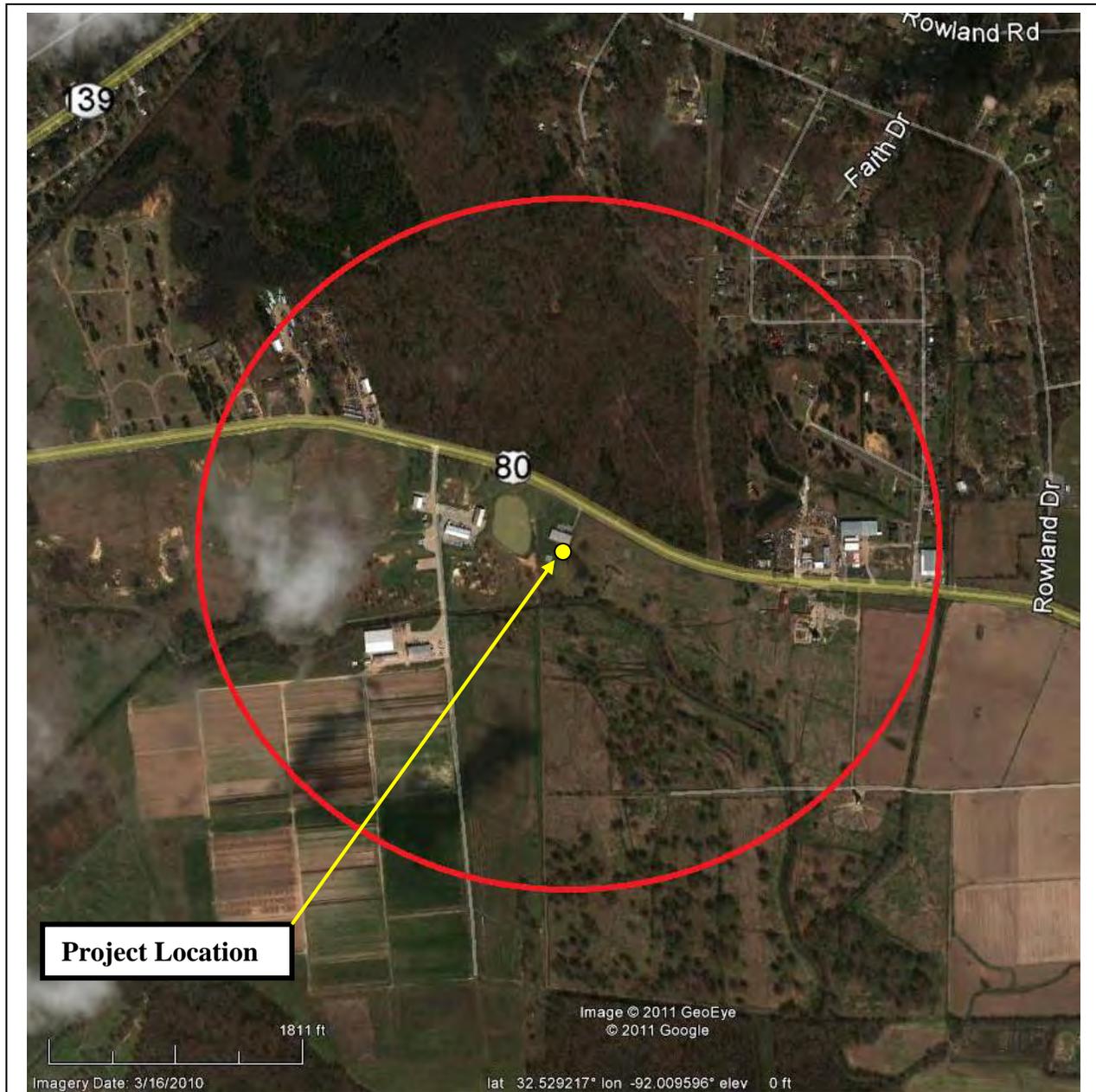


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

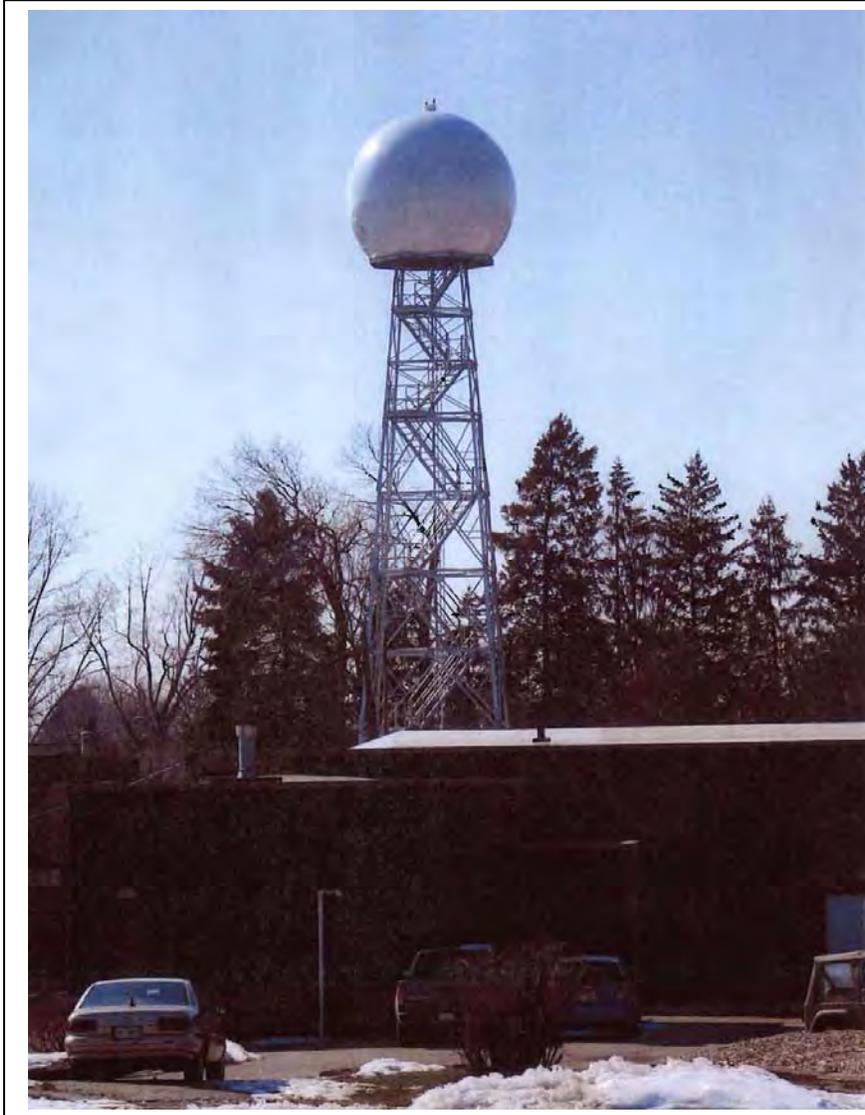
Resource Address: 807 U.S. Highway 80 East, Monroe, LA

	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
	<p>Figure 6</p> <p>View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south</p>

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

John Berrey
Chairman
Quapaw Tribe of Oklahoma
5681 South 630 Rd.
Quapaw OK 74363

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

Determination: No Historic Properties Affected

Dear Chairman Berrey:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations, 36 CFR 800.5(c), FEMA is providing the Quapaw Tribe of Oklahoma with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4

separate pylons (measuring 5 ft. by 5 ft.) to a depth of 8 ft. or more, based on the findings of a licensed engineer. Both alternatives impact the same location, which measures 25 ft. by 25 ft. wide and will be disturbed to a depth of 8 ft. or more. The proposed tower to support the radar pedestal and dish and the covering radome will be installed 30-40 ft. south of the University of Louisiana Monroe (ULM) Agriculture and Auto Science Shop. Additionally, a security fence will be installed around the tower. This undertaking will meet all applicable FEMA guidelines, the applicable International Building Code, and all other applicable state and local regulations. The proposed tower location is in improved pasture approximately 30-50 ft. south of the southeastern corner of the existing ULM Agriculture and Automotive Science Shop building. The proposed tower location is situated on the top of a gentle, south-facing hill slope and is relatively flat with the exception of the southeastern corner. The southeastern corner houses a disused power pole base and is disturbed from the installation of the power pole. The entire area is fenced, separating the active livestock areas from the ULM Agriculture and Maintenance Science Shop. This fence served as the eastern and southern boundaries of the proposed tower location.

Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

Following the guidelines of the *FCC PA* and in coordination with SHPO staff, FEMA only examined the standing structures APE for properties listed in or determined eligible for listing in the National Register of Historic Places (NRHP). FEMA conducted a review on July 17, 2011 of the Louisiana National Register of Historic Places (NRHP) database and the Louisiana Cultural Resources Map, which revealed that there are no listed or eligible districts or properties located within the standing structures APE. The undertaking is new construction and does not involve an existing standing structure; therefore no determination of eligibility is required or included with this consultation package.

Identification and Evaluation of Historic Properties within the Archaeological APE

Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

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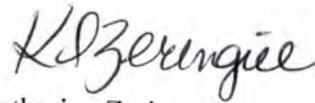
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Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact Jeramé Cramer, Deputy Environmental Liaison Officer, at (504) 762-2917 or Jerame.cramer@dhs.gov, FEMA archaeologist (CTR) Mark Martinkovic at (504) 762-2383 or Mark.Martinkovic@associates.dhs.gov, FEMA Historic Preservation Specialist Dan DiGiuseppe, at (504)-762-2977 or Daniell.digiuseppe@dhs.gov.

Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Jean Ann Lambert, Tribal Historic Preservation Officer
Quapaw Tribe of Oklahoma

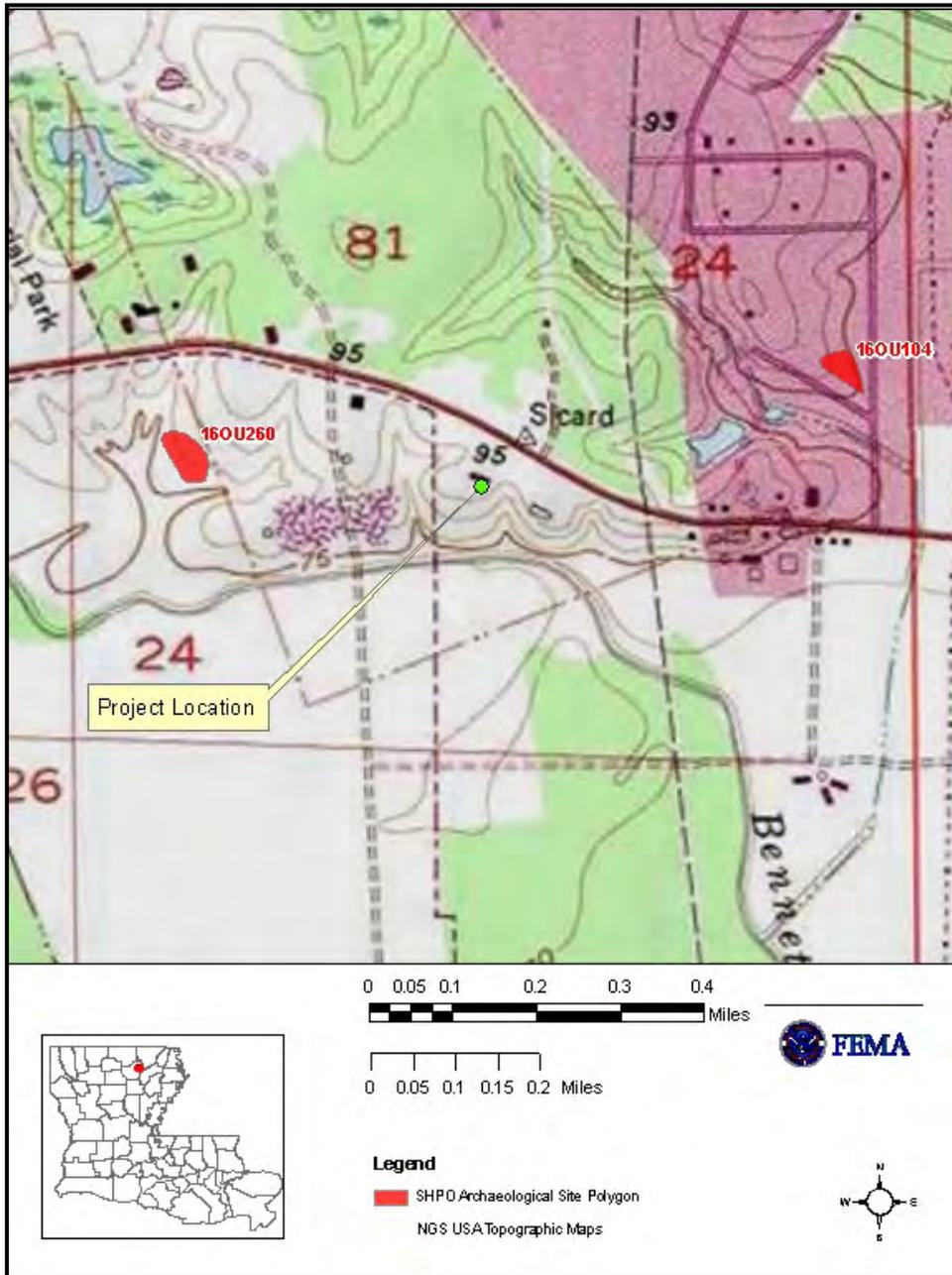
Enclosures

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Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
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**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

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Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

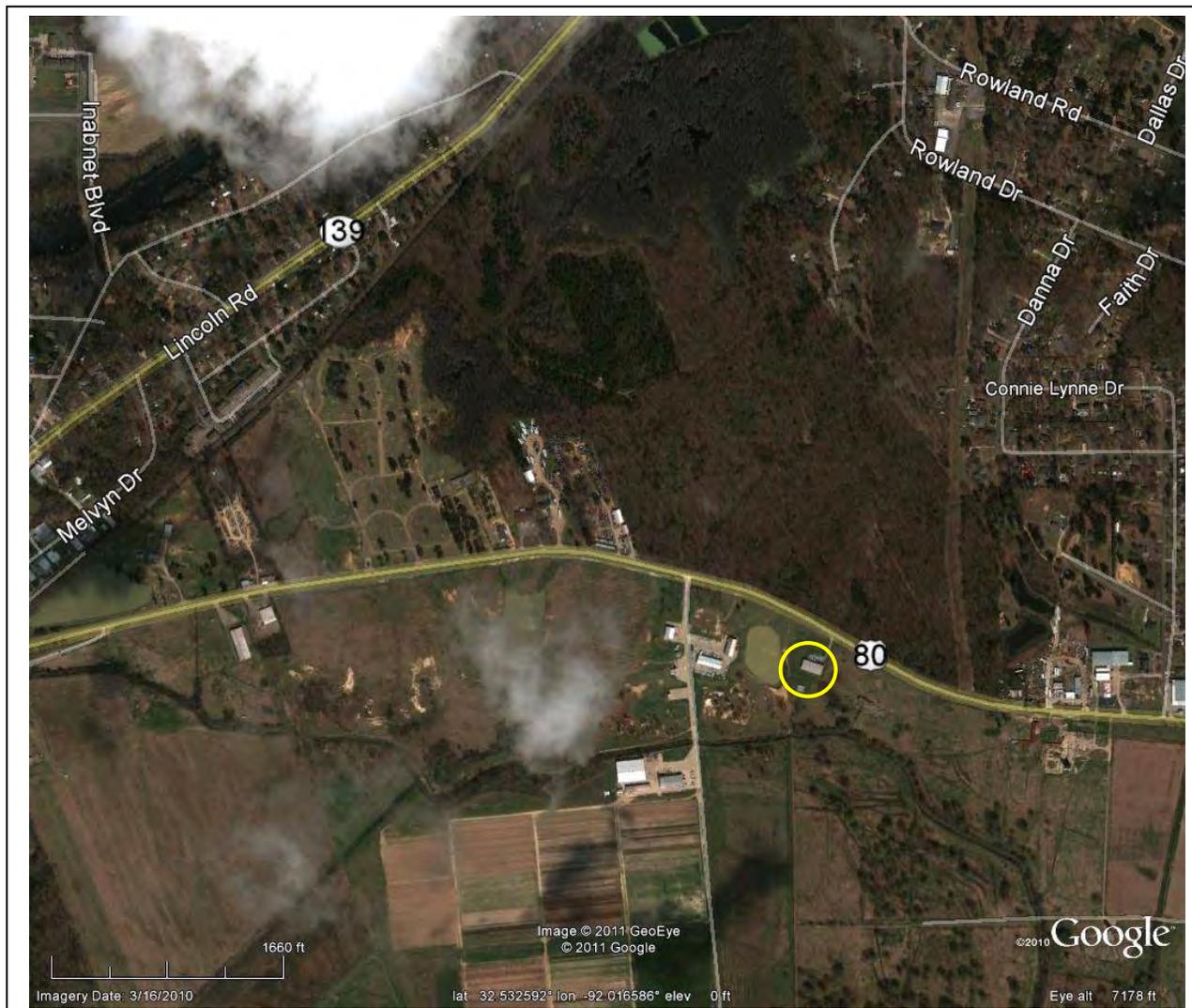


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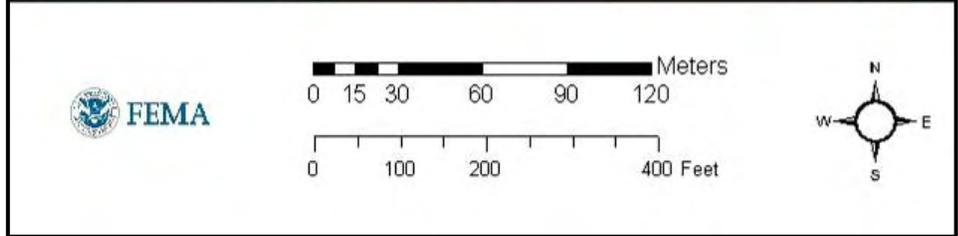
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

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Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

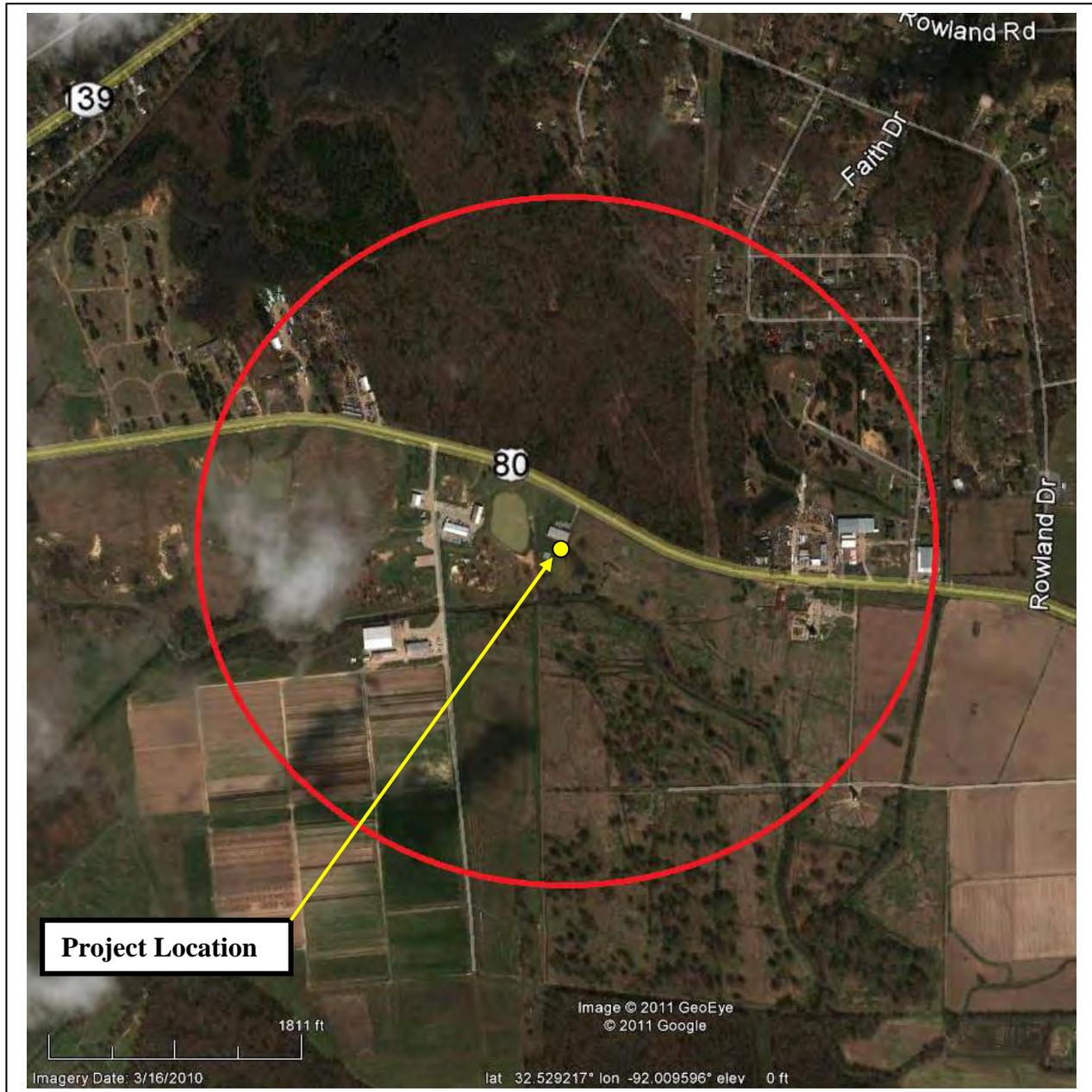


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Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

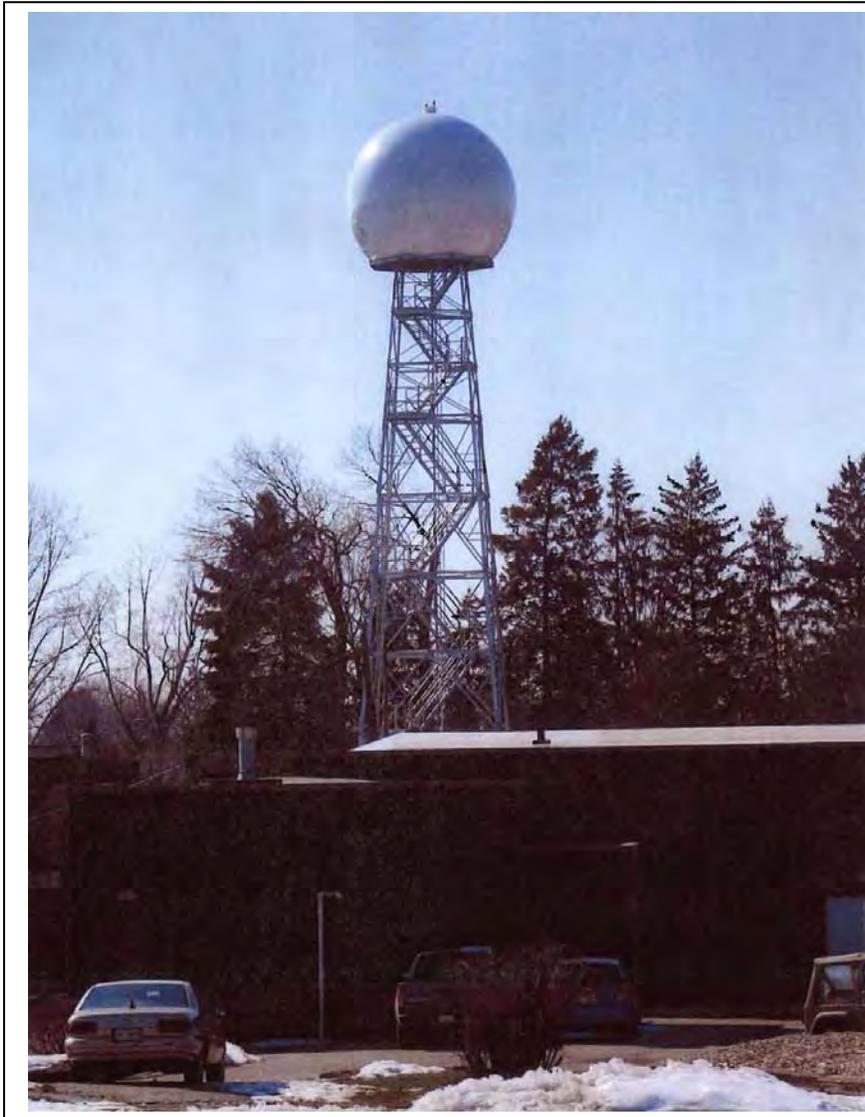
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	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
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**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

Beasley Denson
Miko
Mississippi Band of Choctaw Indians
101 Industrial Rd.
Choctaw MS 39350

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

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Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

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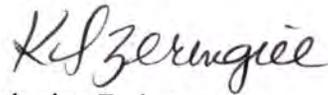
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Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Kenneth Carleton, Historic Preservation Officer/Archaeologist
Mississippi Band of Choctaw Indians

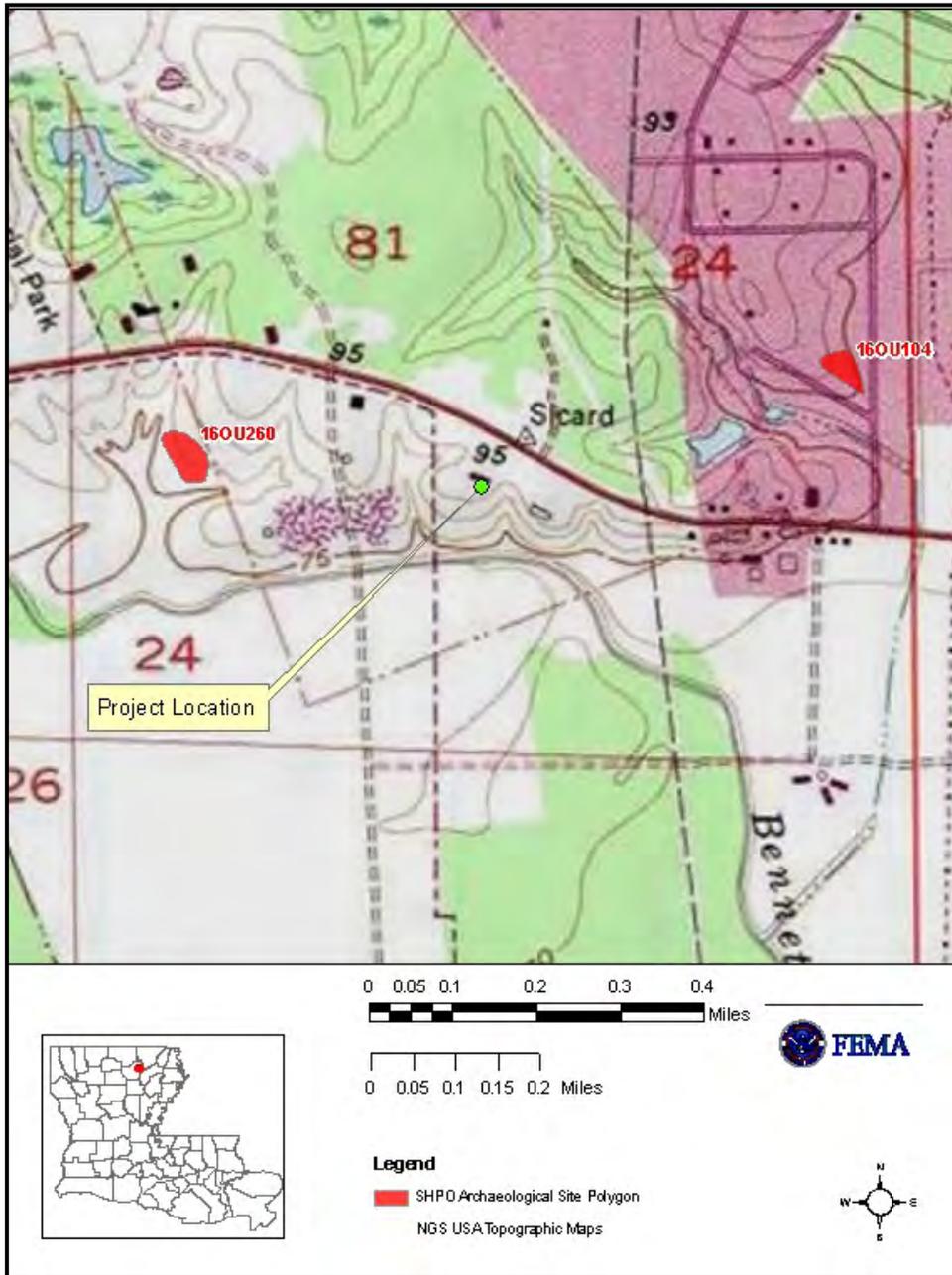
Enclosures

Figure 1- Monroe North Quad Topographic Map
Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

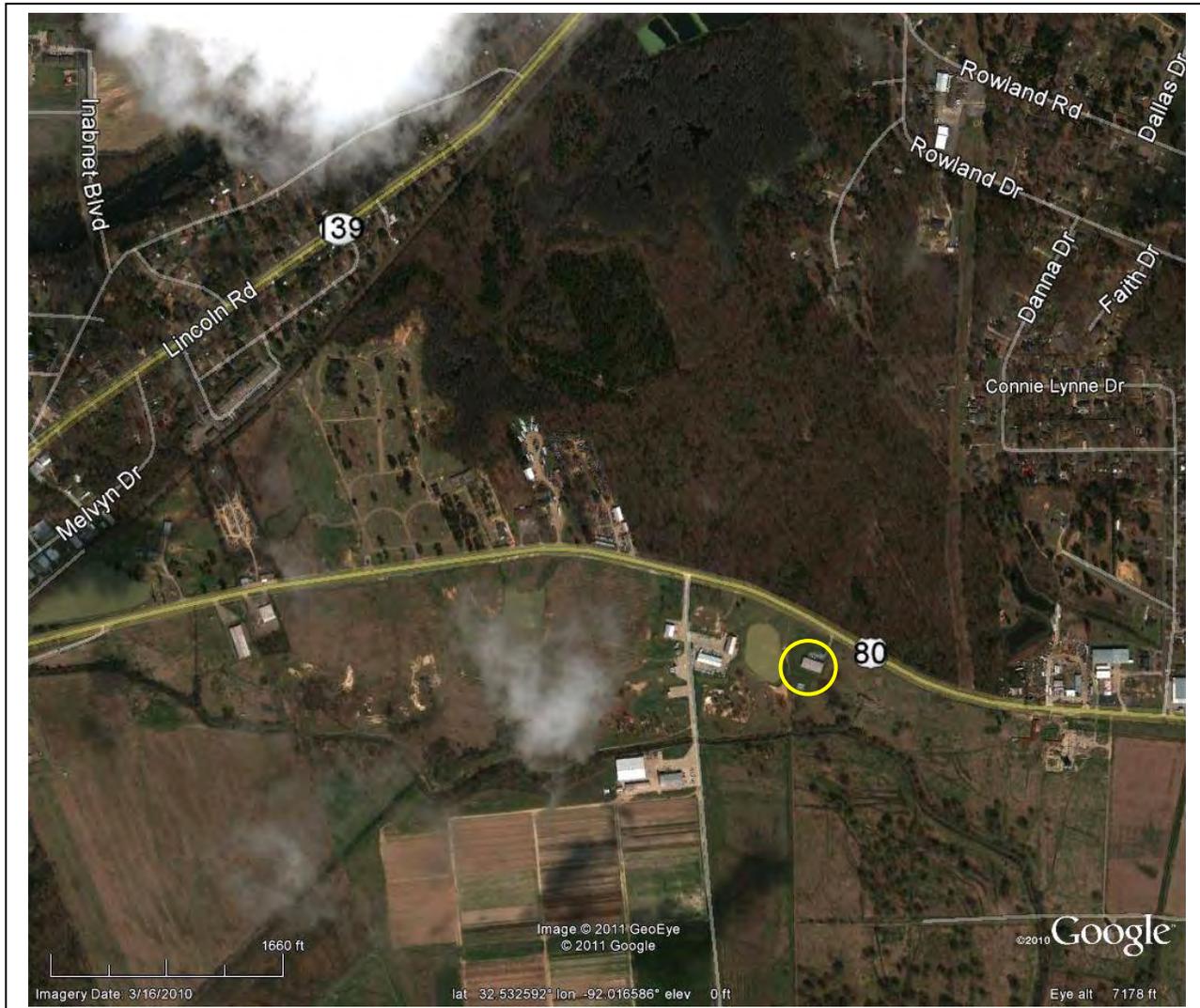


Figure 2- Aerial view location map-project location appears in yellow circle

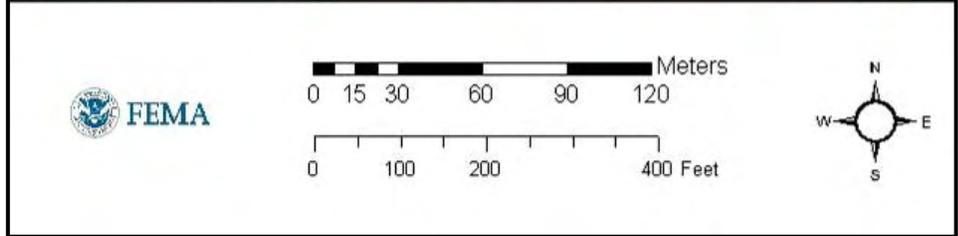
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

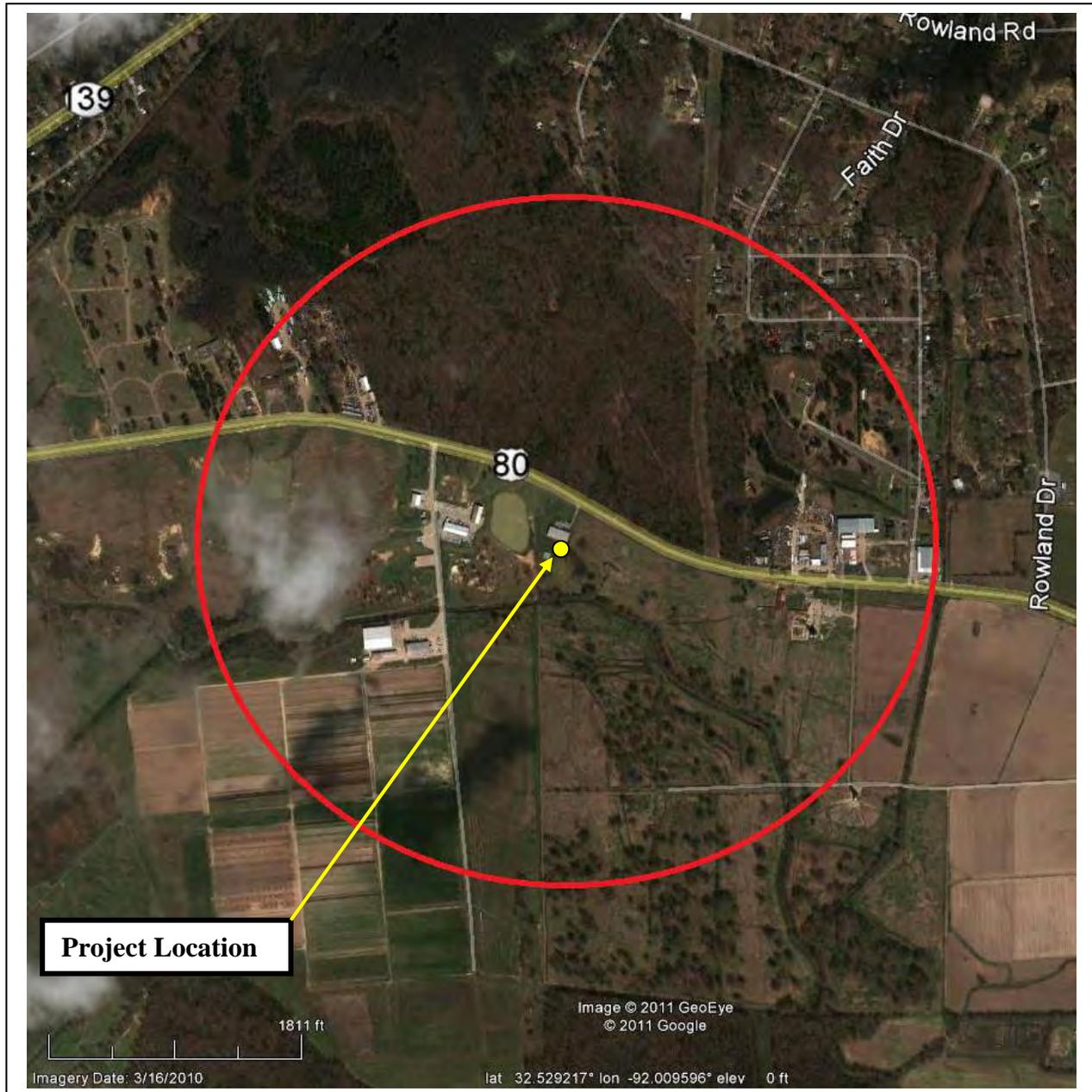


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 5

View from proposed tower location, facing north.



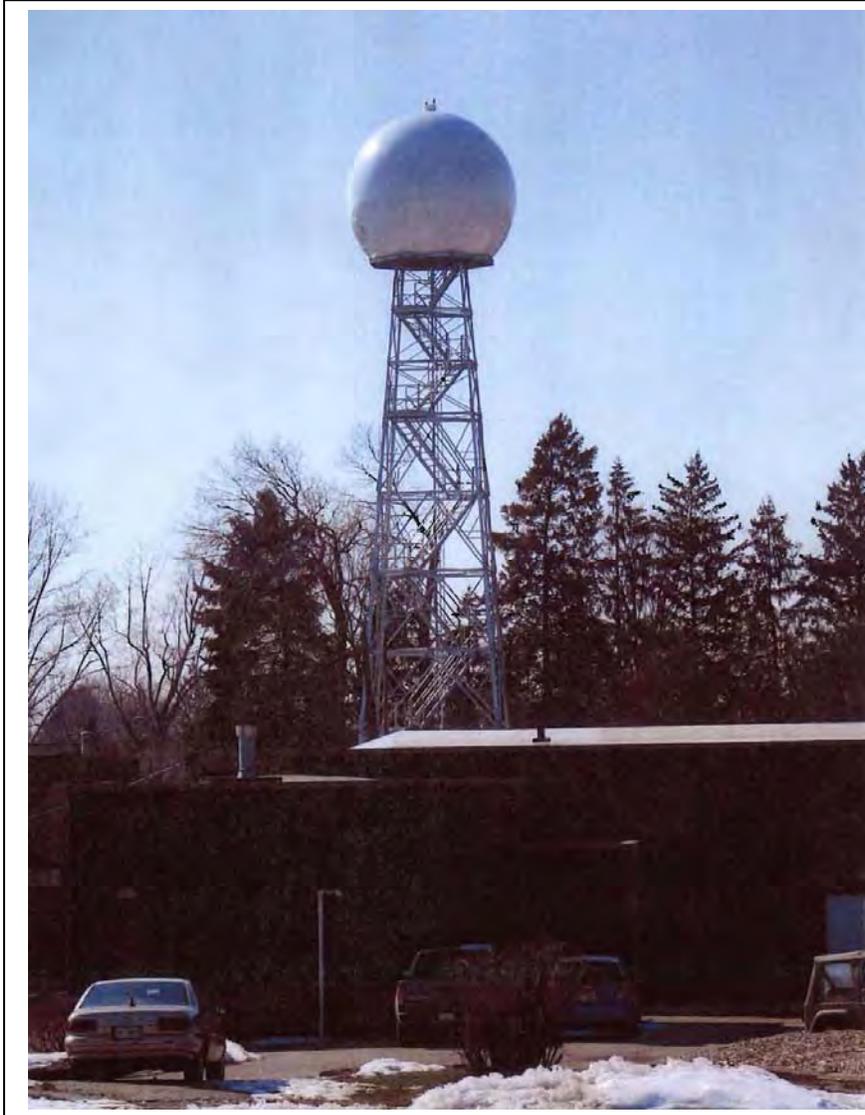
Figure 6

View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

B. Cheryl Smith
Chief
Jena Band of Choctaw Indians
1052 Chanaha Hina St.
Trout LA 71371

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

Determination: No Historic Properties Affected

Dear Chief Smith:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the Louisiana State-Specific Programmatic Agreement among FEMA, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), the Louisiana State Historic Preservation Officer of the Department of Culture Recreation and Tourism (SHPO), the Alabama-Coushatta Tribe of Texas (ACTT), the Chitimacha Tribe of Louisiana (CTL), the Choctaw Nation of Oklahoma (CNO), the Jena Band of Choctaw Indians (JBCI), the Mississippi Band of Choctaw Indians (MBCI), the Seminole Tribe of Florida (STF), and the Advisory Council on Historic Preservation (ACHP) regarding FEMA's Hazard Mitigation Grant Program (LA HMGP PA) dated January 31st, 2011 and providing the Jena Band of Choctaw Indians with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and

conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4 separate pylons (measuring 5 ft. by 5 ft.) to a depth of 8 ft. or more, based on the findings of a licensed engineer. Both alternatives impact the same location, which measures 25 ft. by 25 ft. wide and will be disturbed to a depth of 8 ft. or more. The proposed tower to support the radar pedestal and dish and the covering radome will be installed 30-40 ft. south of the University of Louisiana Monroe (ULM) Agriculture and Auto Science Shop. Additionally, a security fence will be installed around the tower. This undertaking will meet all applicable FEMA guidelines, the applicable International Building Code, and all other applicable state and local regulations. The proposed tower location is in improved pasture approximately 30-50 ft. south of the southeastern corner of the existing ULM Agriculture and Automotive Science Shop building. The proposed tower location is situated on the top of a gentle, south-facing hill slope and is relatively flat with the exception of the southeastern corner. The southeastern corner houses a disused power pole base and is disturbed from the installation of the power pole. The entire area is fenced, separating the active livestock areas from the ULM Agriculture and Maintenance Science Shop. This fence served as the eastern and southern boundaries of the proposed tower location.

Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

Following the guidelines of the *FCC PA* and in coordination with SHPO staff, FEMA only examined the standing structures APE for properties listed in or determined eligible for listing in the National Register of Historic Places (NRHP). FEMA conducted a review on July 17, 2011 of the Louisiana National Register of Historic Places (NRHP) database and the Louisiana Cultural Resources Map, which revealed that there are no listed or eligible districts or properties located within the standing structures APE. The undertaking is new construction and does not involve an existing standing structure; therefore no determination of eligibility is required or included with this consultation package.

Identification and Evaluation of Historic Properties within the Archaeological APE

Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

These two sites are both classified as Archaic occupations located in the Bastrop Hills formation. The Bastrop Hills formation is included within the Pleistocene era Deweyville terrace deposits. The first site, 16OU104, was recorded by Hillman (first name not provided) on May 23, 1978. This unnamed site is described as a small lithic scatter located in an agricultural field on a sandy terrace. Brown chert lithic debitage, a brown chert projectile point of unknown type, and a fragmentary nutting stone (unknown material) were recovered. The field methodology was not described, so it is unknown whether this site was a surface scatter or possessed a subsurface component. Killoden's Archaic (16OU260) was discovered by Joe Saunders on August 21, 1992 during a survey of a proposed park location for the City of Monroe. Mr. Saunders collected prehistoric materials consisting of lithic debitage and one fire cracked rock, all located in the B soil horizon. This site was described as moderately intact and was recommended for further study.

FEMA archaeologists conducted a site visit on July 19, 2011. A total of three soil probes were excavated to determine subsurface conditions. The three probes were initially shovel excavated to a depth of 10-50 cmbs, after which a 4" diameter soil bucket auger was utilized to reach a greater depth. The auger tests were excavated to a depth of 75-108 cmbs. All soils recovered from the probe were screened through 1/4" mesh hardware cloth. Soil probe one was excavated on the southern edge of the proposed tower location and displayed three soil strata in profile. Stratum I was described as a layer of yellowish brown (10YR 5/4) loam to a depth of 12 cmbs and represents the humic layer. Beneath this was Stratum II, a yellow (10YR 7/6) mottled with yellowish red (5YR 5/6) iron flecking to a depth of 63 cmbs. The texture of Stratum II was silty clay. Finally, Stratum III was described as yellow (10YR 7/6) silty clay mottled with pink (10YR 8/4) flecking to a depth of 108 cmbs. Both Stratum II and III were comprised of very dense, dry clay and were difficult to excavate.

Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact Jeramé Cramer, Deputy Environmental Liaison Officer, at (504) 762-2917 or Jerame.cramer@dhs.gov, FEMA archaeologist (CTR) Mark Martinkovic at (504) 762-2383 or Mark.Martinkovic@associates.dhs.gov, FEMA Historic Preservation Specialist Dan DiGiuseppe, at (504)-762-2977 or Daniell.digiuseppe@dhs.gov.

Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Michael L. Tarpley, Tribal Historic Preservation Officer
Jena Band of Choctaw Indians

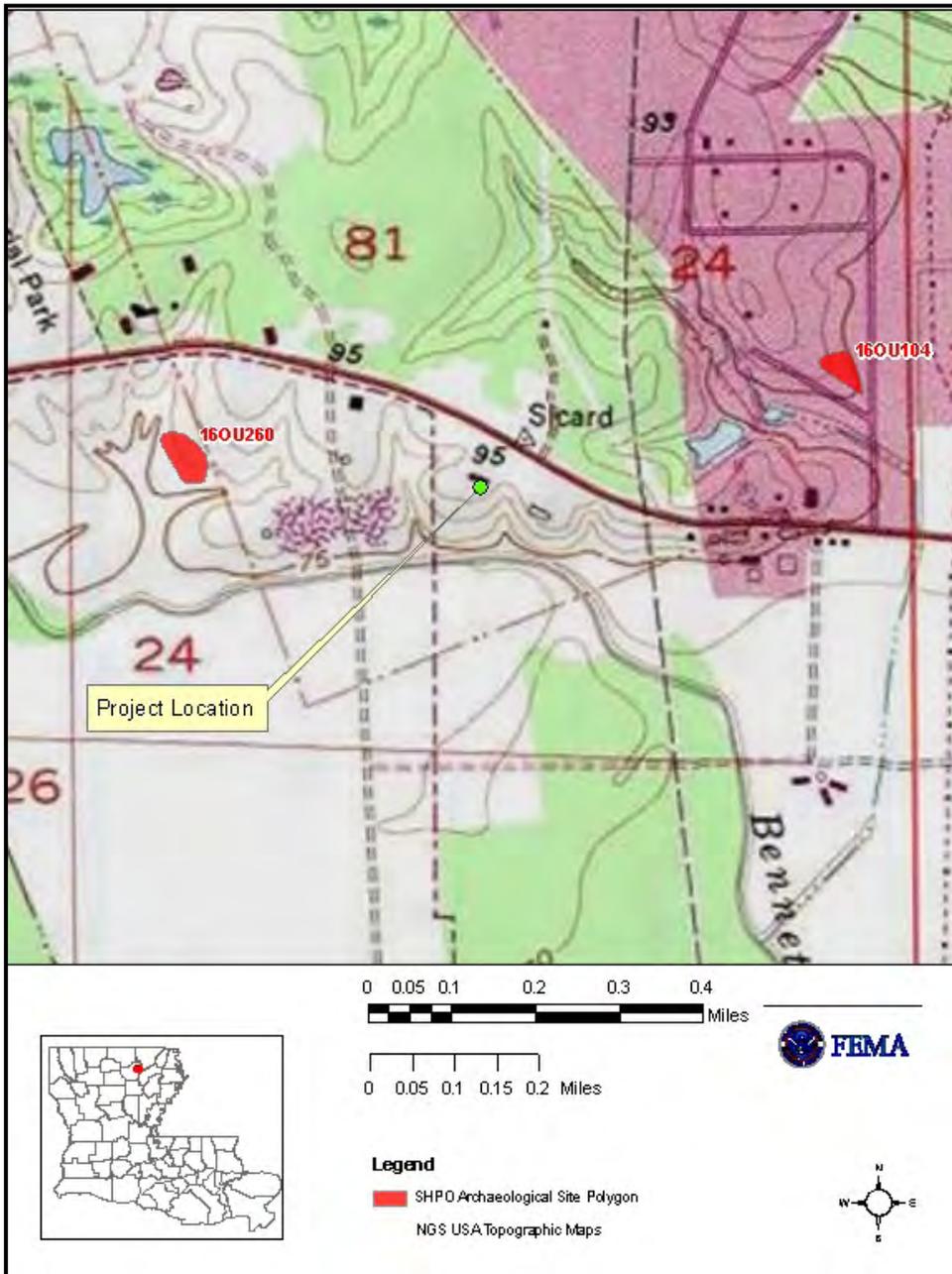
Enclosures

Figure 1- Monroe North Quad Topographic Map
Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

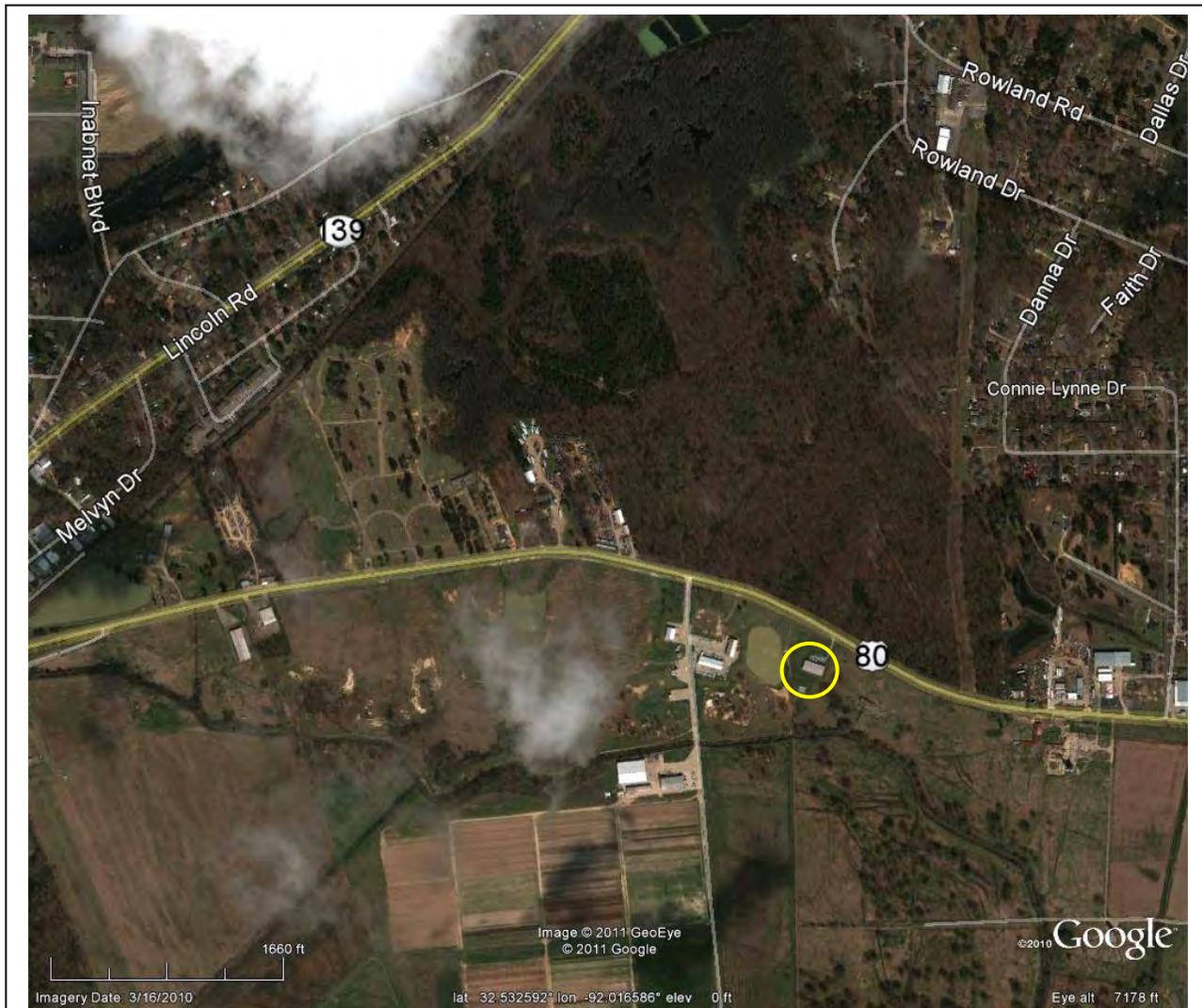


Figure 2- Aerial view location map-project location appears in yellow circle

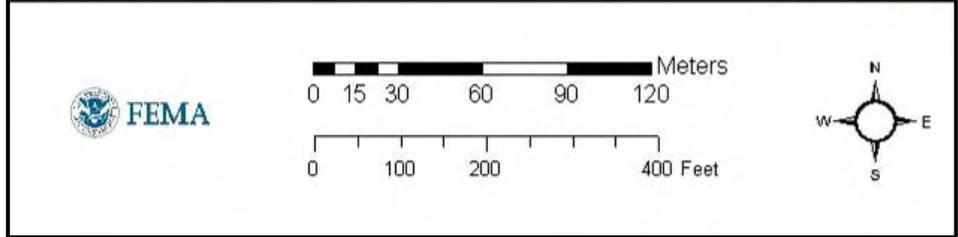
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

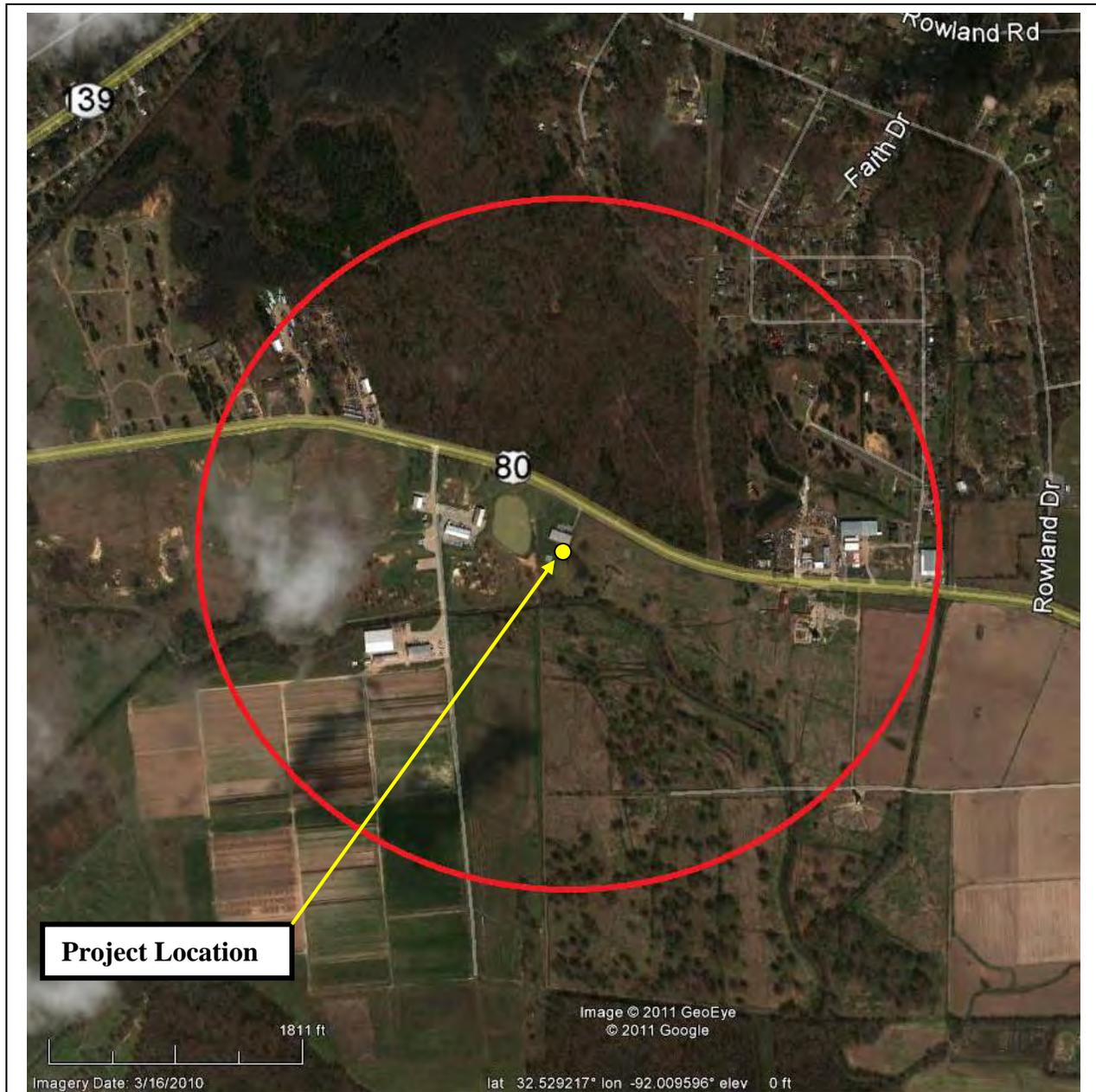


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

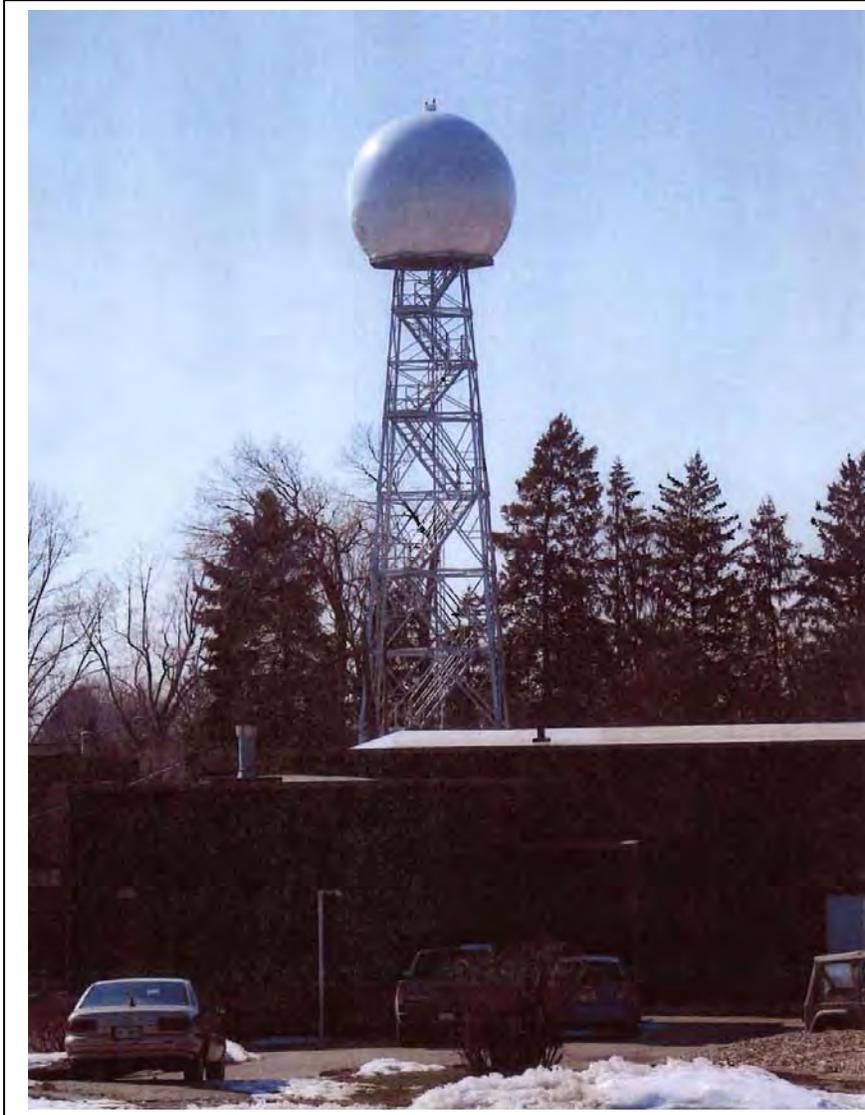
Resource Address: 807 U.S. Highway 80 East, Monroe, LA

	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
	<p>Figure 6</p> <p>View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south</p>

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

Kevin Sickey
Chief
Coushatta Tribe of Louisiana
1940 C.C. Bell Rd.
Elton LA 70532

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

Determination: No Historic Properties Affected

Dear Chief Sickey:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations, 36 CFR 800.5(c), FEMA is providing the Coushatta Tribe of Louisiana with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4

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Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

Following the guidelines of the *FCC PA* and in coordination with SHPO staff, FEMA only examined the standing structures APE for properties listed in or determined eligible for listing in the National Register of Historic Places (NRHP). FEMA conducted a review on July 17, 2011 of the Louisiana National Register of Historic Places (NRHP) database and the Louisiana Cultural Resources Map, which revealed that there are no listed or eligible districts or properties located within the standing structures APE. The undertaking is new construction and does not involve an existing standing structure; therefore no determination of eligibility is required or included with this consultation package.

Identification and Evaluation of Historic Properties within the Archaeological APE

Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

These two sites are both classified as Archaic occupations located in the Bastrop Hills formation. The Bastrop Hills formation is included within the Pleistocene era Deweyville terrace deposits. The first site, 16OU104, was recorded by Hillman (first name not provided) on May 23, 1978. This unnamed site is described as a small lithic scatter located in an agricultural field on a sandy terrace. Brown chert lithic debitage, a brown chert projectile point of unknown type, and a fragmentary nutting stone (unknown material) were recovered. The field methodology was not described, so it is unknown whether this site was a surface scatter or possessed a subsurface component. Killoden's Archaic (16OU260) was discovered by Joe Saunders on August 21, 1992 during a survey of a proposed park location for the City of Monroe. Mr. Saunders collected prehistoric materials consisting of lithic debitage and one fire cracked rock, all located in the B soil horizon. This site was described as moderately intact and was recommended for further study.

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Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact Jeramé Cramer, Deputy Environmental Liaison Officer, at (504) 762-2917 or Jerame.cramer@dhs.gov, FEMA archaeologist (CTR) Mark Martinkovic at (504) 762-2383 or Mark.Martinkovic@associates.dhs.gov, FEMA Historic Preservation Specialist Dan DiGiuseppe, at (504)-762-2977 or Daniell.digiuseppe@dhs.gov.

Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Dr. Linda Langley, Cultural Preservation Officer
Coushatta Tribe of Louisiana

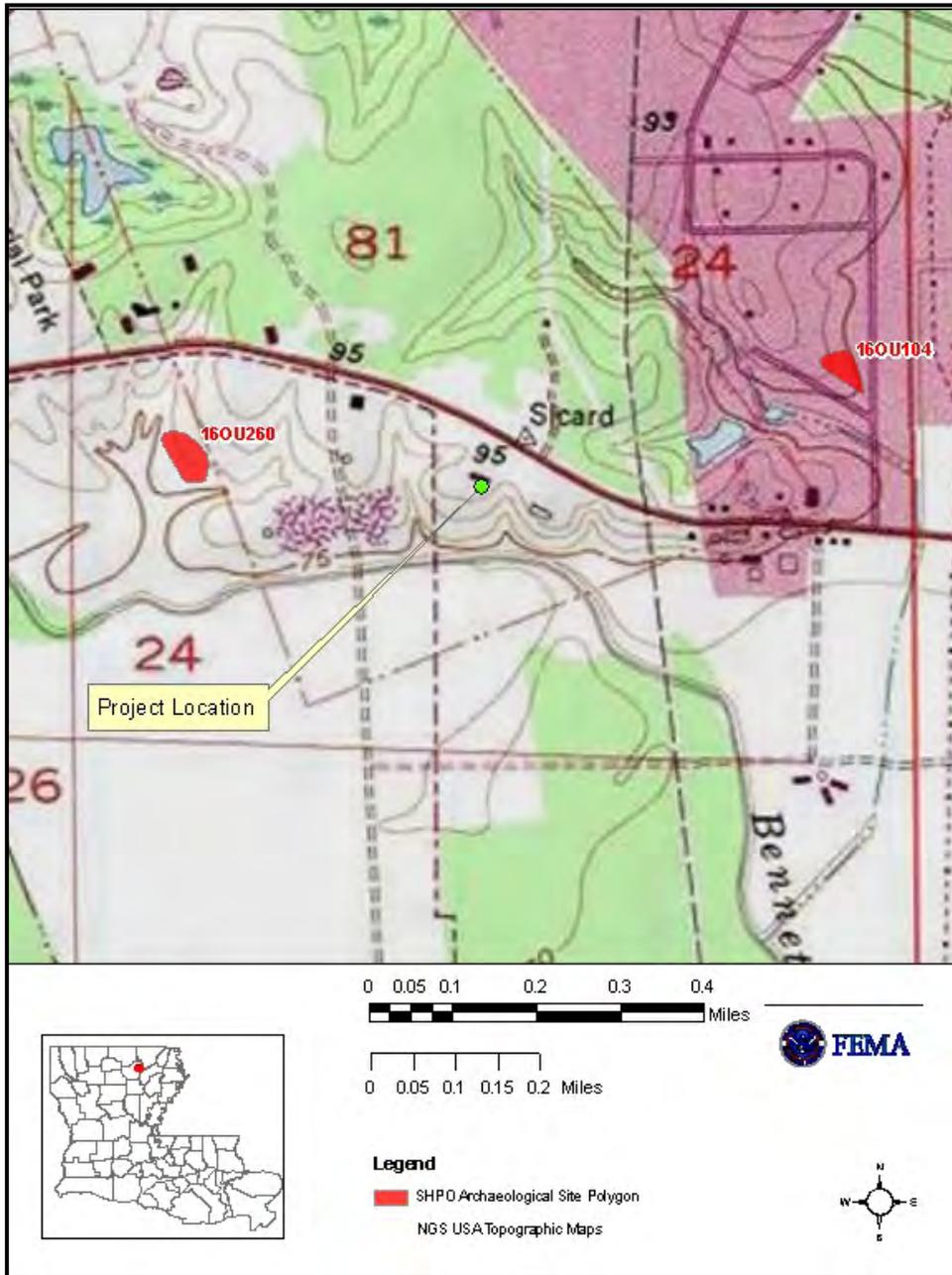
Enclosures

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Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

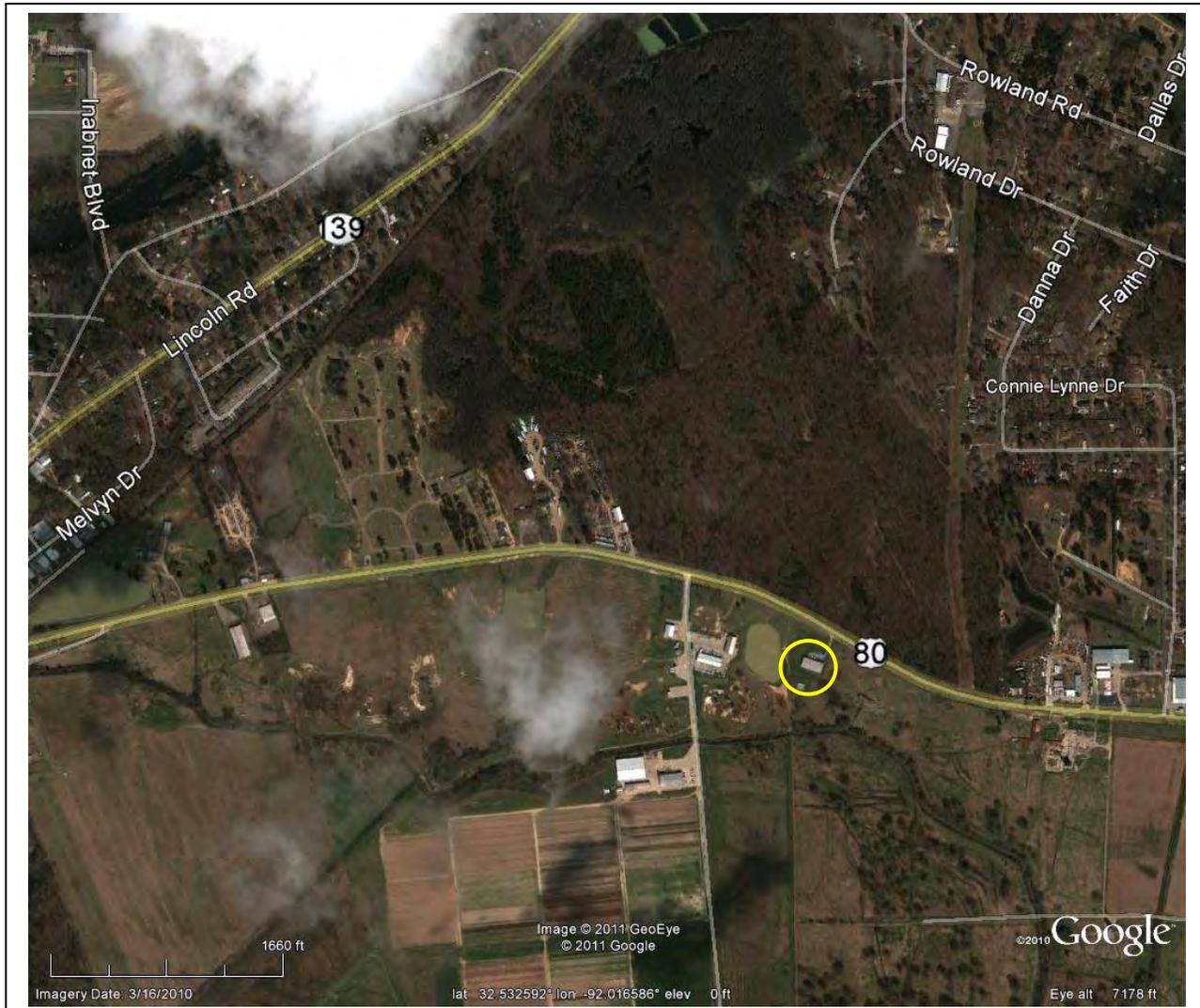


Figure 2- Aerial view location map-project location appears in yellow circle

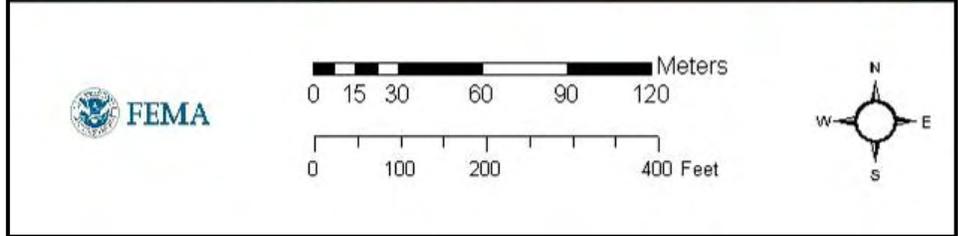
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

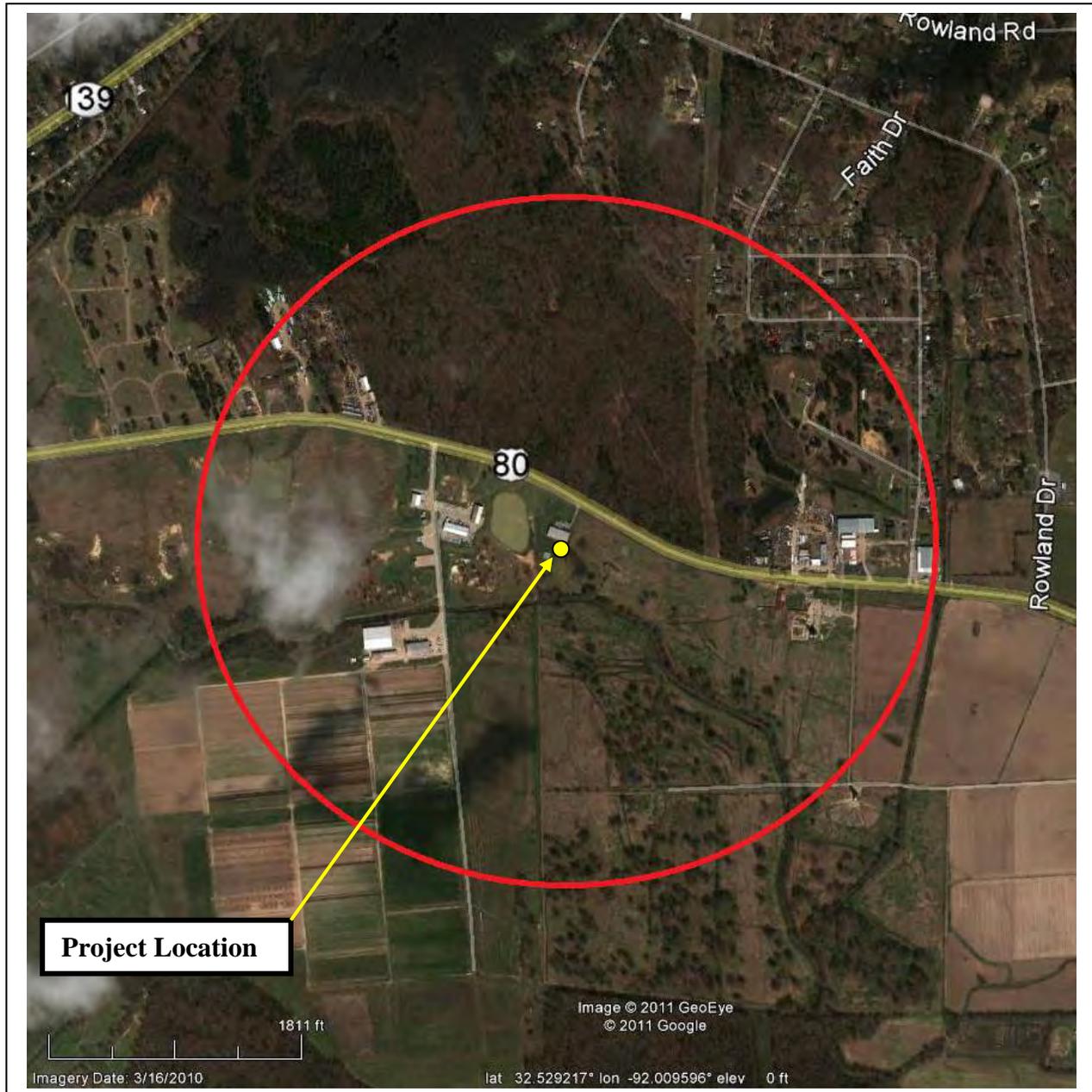


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

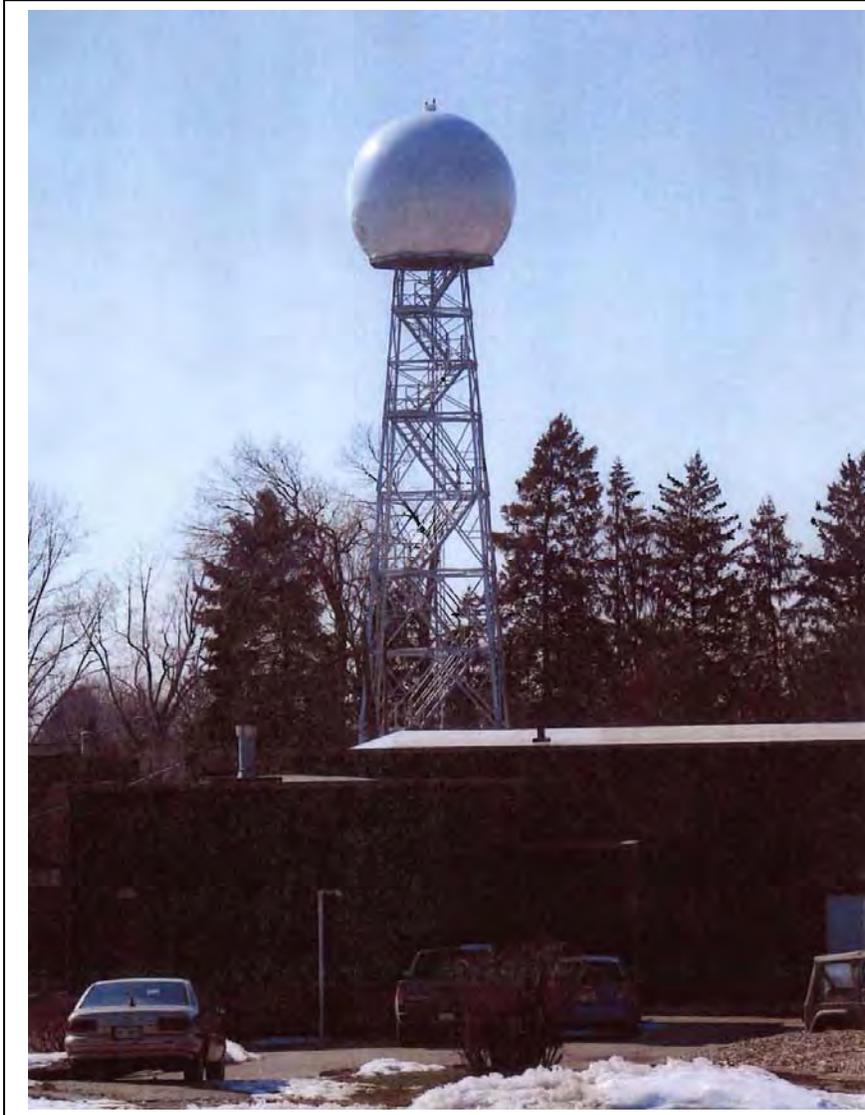
Resource Address: 807 U.S. Highway 80 East, Monroe, LA

	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
	<p>Figure 6</p> <p>View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south</p>

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed



FEMA

U.S. Department of Homeland Security
Federal Emergency Management Agency
FEMA-1603/1607/1786/1792 -DR-LA
Louisiana Recovery Office
Environmental/Historic Preservation
1 Seine Court
New Orleans, LA 70114

September 14, 2011

Gregory Pyle
Chief
Choctaw Nation of Oklahoma
623 N 16th
Durant OK 74702

RE: Section 106 Review Consultation, 1603-DR-LA Hurricane Katrina

Applicant: Ouachita Parish (Statewide Alert & Warning System Projects)
Undertaking: Installation of Doppler Weather Radar Tower at the University of Louisiana Monroe (ULM) Agriculture & Auto Science Shop, 807 U.S. Highway 80 East, Monroe, LA 71203, Ouachita Parish
Coordinates: 32.529356, -92.011758
(HMGP # 1603-0389 REVISION # 3)

Determination: No Historic Properties Affected

Dear Chief Pyle:

The Federal Emergency Management Agency (FEMA) will be providing funds authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, P.L. 93-288, as amended, in response to the following major Disaster Declarations:

FEMA-1603-DR-LA, dated August 29, 2005, as amended

FEMA is initiating Section 106 review for the above referenced property as requested by the Ouachita Parish (Applicant). FEMA is initiating Section 106 review for the above referenced properties in accordance with the "Programmatic Agreement among FEMA, the Louisiana State Historic Preservation Officer, the Louisiana Governor's Office of Homeland Security and Emergency Preparedness, the Alabama-Coushatta Tribe of Texas, the Caddo Nation, the Chitimacha Tribe of Louisiana, the Choctaw Nation of Oklahoma, the Coushatta Tribe of Louisiana, the Jena Band of Choctaw Indians, the Mississippi Band of Choctaw Indians, the Quapaw Tribe of Oklahoma, the Seminole Nation of Oklahoma, the Seminole Tribe of Florida, the Tunica-Biloxi Tribe of Louisiana, and the Advisory Council on Historic Preservation" executed on August 17, 2009 and amended on July 22, 2011 (2009 Statewide PA as amended) and providing the Choctaw Nation of Oklahoma with the opportunity to consult on the proposed Undertaking. The documentation in this letter is consistent with 36 CFR §800.11(d).

Description of the Undertaking

According to 36CFR§800.4(b)2, FEMA may use a phased process to conduct Identification and Evaluation. As new properties related to this project are received, FEMA will develop an APE and

conduct Identification and Evaluation on the replacement facility location in accordance with 36CFR§800.4(a), (b)1, and (c). At this time the complete number of projects is unknown. FEMA, through its 404 Hazard Mitigation Grant Program, proposes to fund the construction and installation of a 60-70 ft. tall Doppler radar tower at 807 U.S. Highway 80 East, Monroe, LA (Figure 1 and 2). Ground disturbance will be required for this project. There are two alternate methods for construction of the Doppler radar tower. Alternative one entails excavation an area measuring 20-25 ft. long and 20 to 25 ft. wide to a depth of 3 ft. Alternative two consists of the excavation of 4 separate pylons (measuring 5 ft. by 5 ft.) to a depth of 8 ft. or more, based on the findings of a licensed engineer. Both alternatives impact the same location, which measures 25 ft. by 25 ft. wide and will be disturbed to a depth of 8 ft. or more. The proposed tower to support the radar pedestal and dish and the covering radome will be installed 30-40 ft. south of the University of Louisiana Monroe (ULM) Agriculture and Auto Science Shop. Additionally, a security fence will be installed around the tower. This undertaking will meet all applicable FEMA guidelines, the applicable International Building Code, and all other applicable state and local regulations. The proposed tower location is in improved pasture approximately 30-50 ft. south of the southeastern corner of the existing ULM Agriculture and Automotive Science Shop building. The proposed tower location is situated on the top of a gentle, south-facing hill slope and is relatively flat with the exception of the southeastern corner. The southeastern corner houses a disused power pole base and is disturbed from the installation of the power pole. The entire area is fenced, separating the active livestock areas from the ULM Agriculture and Maintenance Science Shop. This fence served as the eastern and southern boundaries of the proposed tower location.

Area of Potential Effects (APE)

In accordance with Stipulation VII.B of the LA HMGP PA, the APE for both standing structures and archaeology were developed in coordination with SHPO staff. The APE for archaeology is defined in the project file as a square measuring 50 ft. by 50 ft. which is located 30 ft. south of the southeastern corner of the ULM Agriculture and Auto Science Shop (see Figure 3).

The standing structures Area of Potential Effects (APE) for this undertaking consists of the viewshed of the proposed tower installation. Using the Federal Communications Commission (FCC) Nationwide Programmatic Agreement For Review of Effects on Historic Properties *dated September 2004 (FCC PA)* as a guideline, when the proposed tower is 200 ft. or less in overall height, a one-half mile radius surrounding the proposed tower is an appropriate APE. This APE is depicted in Figure 4.

Identification and Evaluation of Historic Properties within the Standing Structures APE

Following the guidelines of the *FCC PA* and in coordination with SHPO staff, FEMA only examined the standing structures APE for properties listed in or determined eligible for listing in the National Register of Historic Places (NRHP). FEMA conducted a review on July 17, 2011 of the Louisiana National Register of Historic Places (NRHP) database and the Louisiana Cultural Resources Map, which revealed that there are no listed or eligible districts or properties located within the standing structures APE. The undertaking is new construction and does not involve an existing standing structure; therefore no determination of eligibility is required or included with this consultation package.

Identification and Evaluation of Historic Properties within the Archaeological APE

Data provided by the SHPO indicates that there are two prehistoric archaeological sites located within 0.5 miles of the proposed tower location, 16OU104 and 16OU260. The proposed tower location is located near the top of a gently rolling hill system overlooking Bennet Creek to the south. This topography is similar to the environmental conditions noted at two adjacent recorded archaeological sites of unknown National Register of Historic Places eligibility, 16OU104 and 16OU260.

These two sites are both classified as Archaic occupations located in the Bastrop Hills formation. The Bastrop Hills formation is included within the Pleistocene era Deweyville terrace deposits. The first site, 16OU104, was recorded by Hillman (first name not provided) on May 23, 1978. This unnamed site is described as a small lithic scatter located in an agricultural field on a sandy terrace. Brown chert lithic debitage, a brown chert projectile point of unknown type, and a fragmentary nutting stone (unknown material) were recovered. The field methodology was not described, so it is unknown whether this site was a surface scatter or possessed a subsurface component. Killoden's Archaic (16OU260) was discovered by Joe Saunders on August 21, 1992 during a survey of a proposed park location for the City of Monroe. Mr. Saunders collected prehistoric materials consisting of lithic debitage and one fire cracked rock, all located in the B soil horizon. This site was described as moderately intact and was recommended for further study.

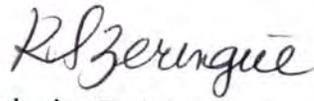
FEMA archaeologists conducted a site visit on July 19, 2011. A total of three soil probes were excavated to determine subsurface conditions. The three probes were initially shovel excavated to a depth of 10-50 cmbs, after which a 4" diameter soil bucket auger was utilized to reach a greater depth. The auger tests were excavated to a depth of 75-108 cmbs. All soils recovered from the probe were screened through 1/4" mesh hardware cloth. Soil probe one was excavated on the southern edge of the proposed tower location and displayed three soil strata in profile. Stratum I was described as a layer of yellowish brown (10YR 5/4) loam to a depth of 12 cmbs and represents the humic layer. Beneath this was Stratum II, a yellow (10YR 7/6) mottled with yellowish red (5YR 5/6) iron flecking to a depth of 63 cmbs. The texture of Stratum II was silty clay. Finally, Stratum III was described as yellow (10YR 7/6) silty clay mottled with pink (10YR 8/4) flecking to a depth of 108 cmbs. Both Stratum II and III were comprised of very dense, dry clay and were difficult to excavate.

Assessment of Effects

Based on the steps taken to Identify and Evaluate (described above) and the lack of historic properties in the standing structures or archaeological APE, FEMA has determined a finding of **No Historic Properties Affected** for this Undertaking. FEMA is submitting this Undertaking to you for your review and comment within 15 days.

We look forward to your concurrence with this determination. Should you have any questions or need additional information regarding this Undertaking, please contact Jeramé Cramer, Deputy Environmental Liaison Officer, at (504) 762-2917 or Jerame.cramer@dhs.gov, FEMA archaeologist (CTR) Mark Martinkovic at (504) 762-2383 or Mark.Martinkovic@associates.dhs.gov, FEMA Historic Preservation Specialist Dan DiGiuseppe, at (504)-762-2977 or Daniell.digiuseppe@dhs.gov.

Sincerely,



Katherine Zeringue
Environmental Liaison Officer
FEMA-DR-1603-LA, FEMA-DR-1607-LA,
FEMA-DR-1786-LA, FEMA-DR-1792-LA

CC: File
Terry Cole, Director/THPO
Choctaw Nation of Oklahoma

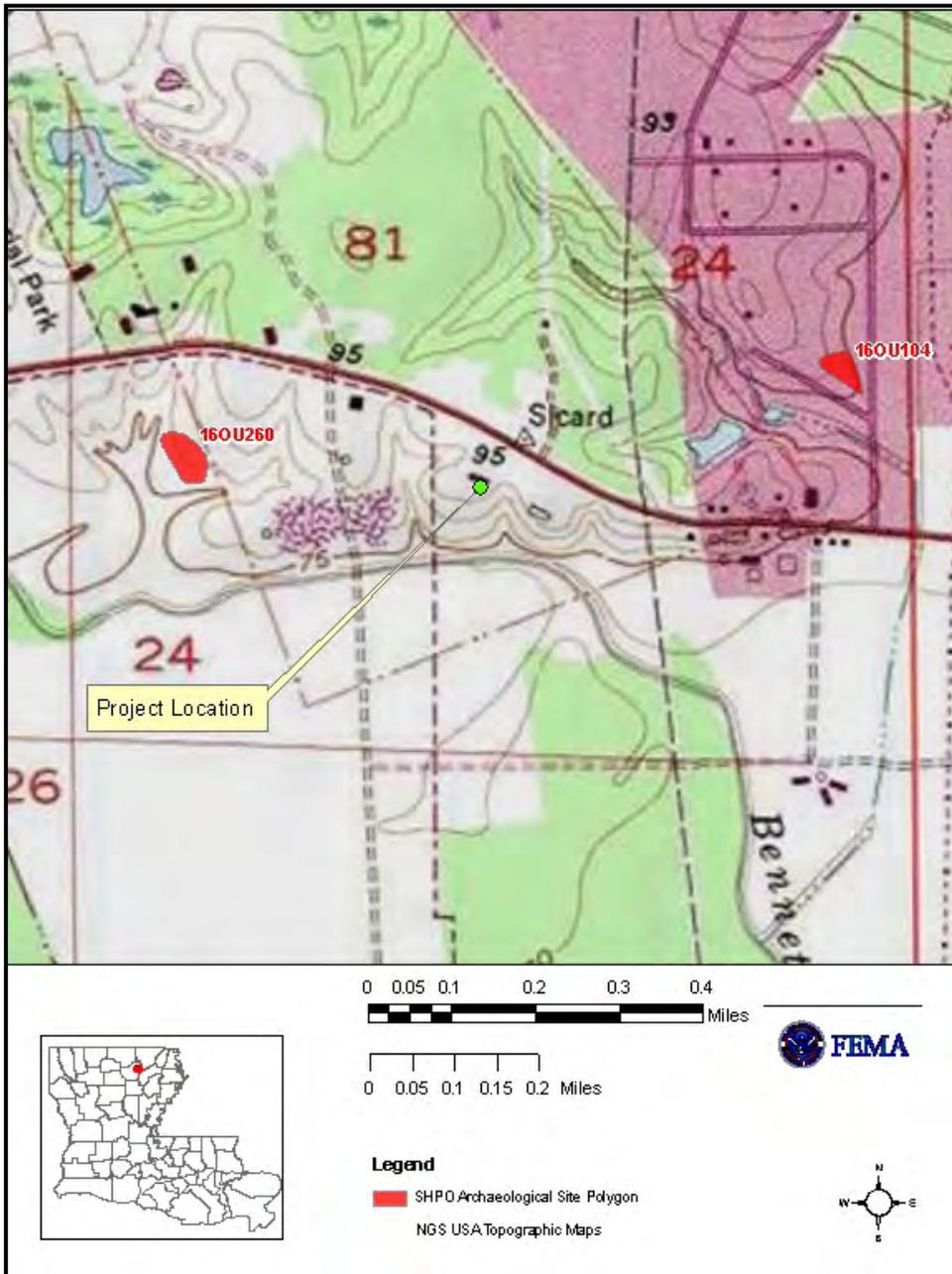
Enclosures

Figure 1- Monroe North Quad Topographic Map
Figures 2-4 Aerial view location maps
Figures 5-6 Archaeology & Structures APE Maps
Figure 7-8 Site Photography
Figures 9-10 Examples of tower design

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: USGS Quad Location Map and Historic Maps**

Map Name: Monroe North Quad Topographic Map, Monroe, LA
NEMIS # 1603-0389
Address: 807 U.S. Highway East, Monroe, LA
Coordinates: 32.529356/-92.011758

Figure 1



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location Maps**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA.

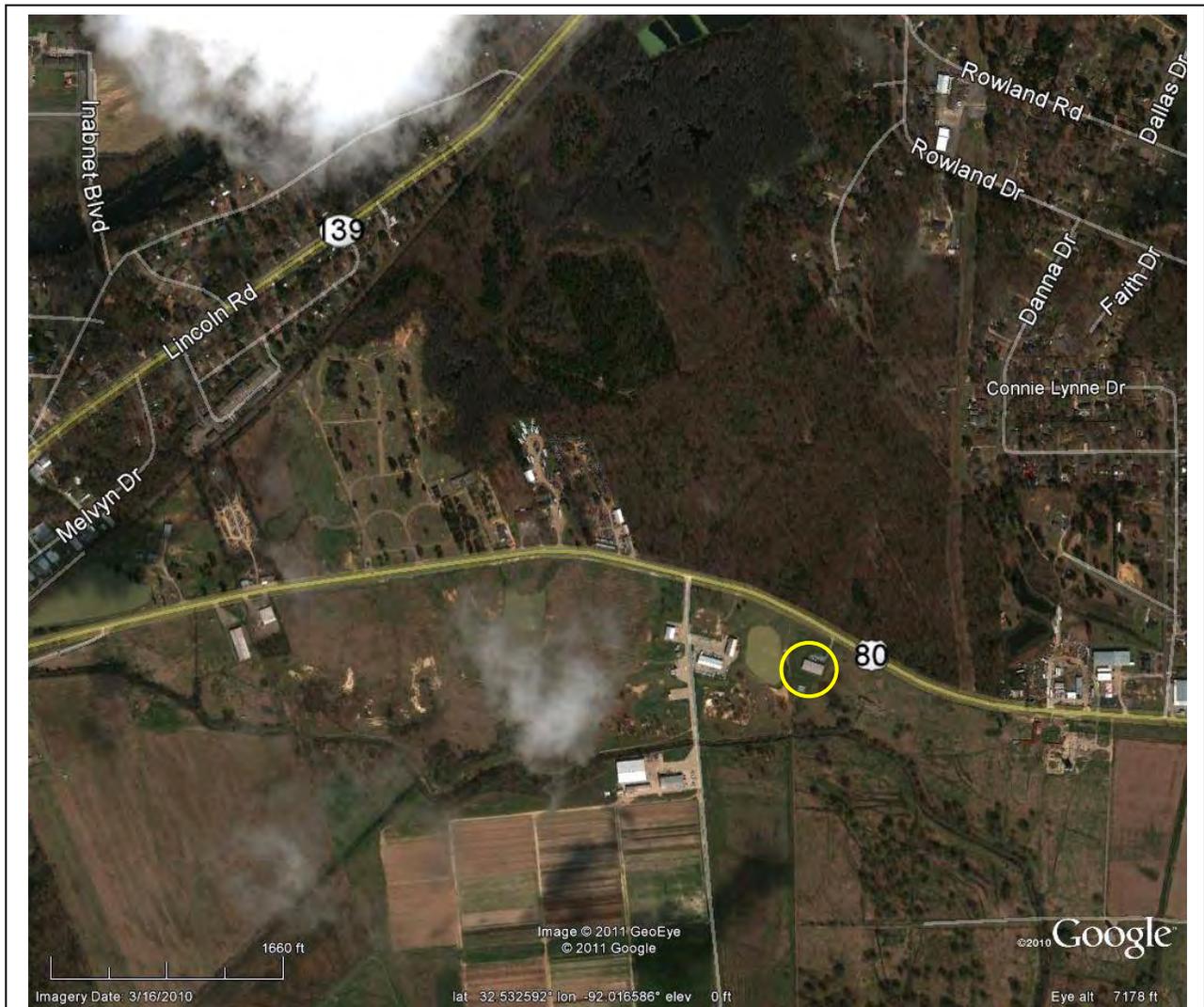


Figure 2- Aerial view location map-project location appears in yellow circle

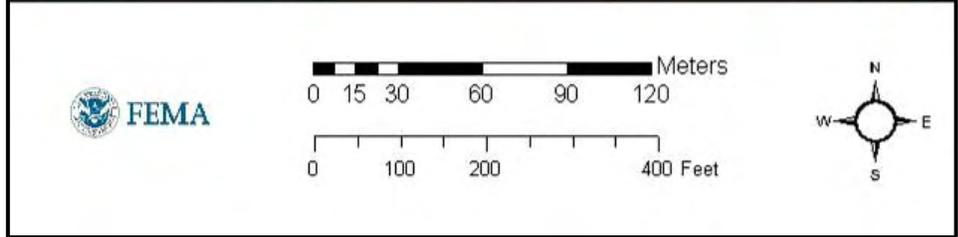
**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Archaeological APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figure 3



**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Aerial View Location and Structures APE Map**

Resource Name: University of Louisiana Monroe Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA

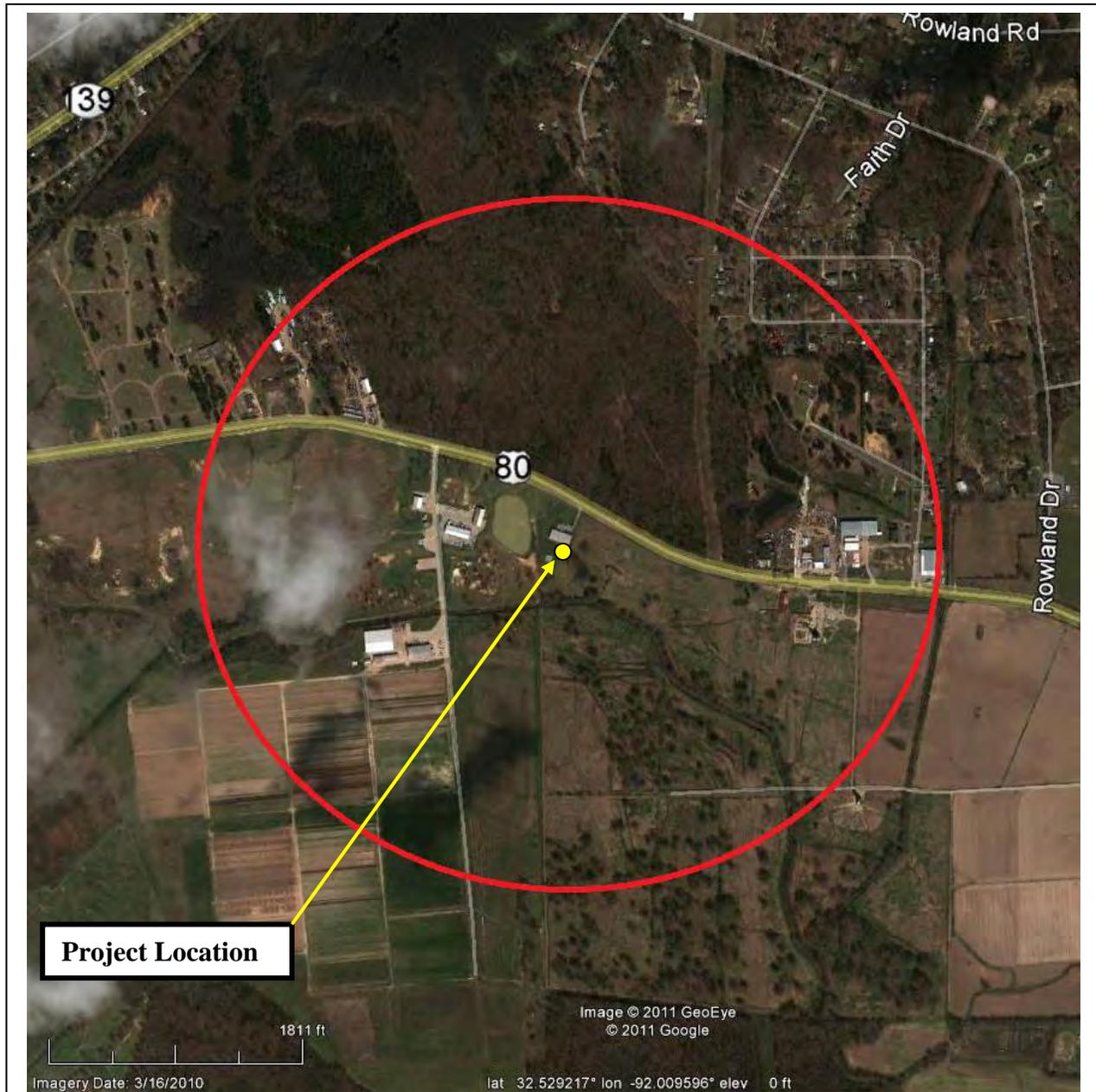


Figure 4
Standing structures APE map. 1/2 mile radius from project location is depicted in red circle.
Project location is identified in yellow point.

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Site Photography**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

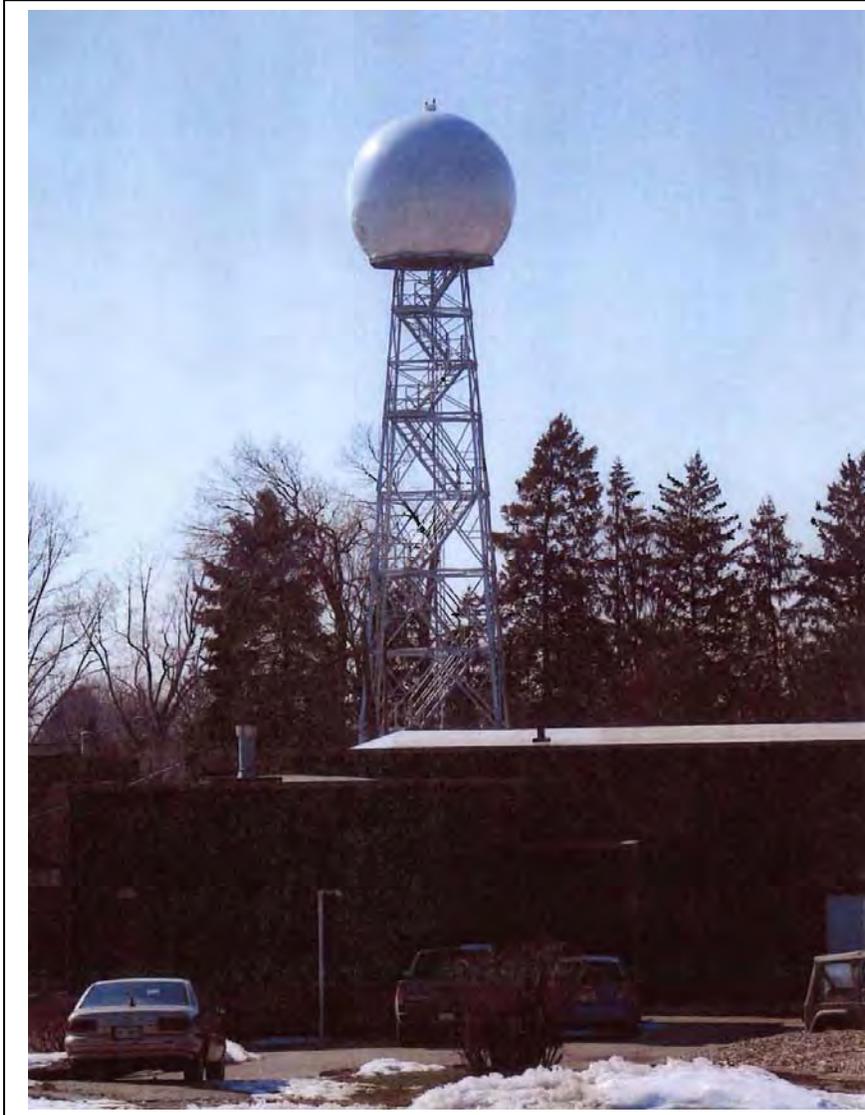
Resource Address: 807 U.S. Highway 80 East, Monroe, LA

	<p>Figure 5</p> <p>View from proposed tower location, facing north.</p>
	<p>Figure 6</p> <p>View of proposed tower location from ULM Agriculture & Automotive Science Shop, facing south</p>

**U.S. Department of Homeland Security
Federal Emergency Management Agency
Section 106 Review: Example of Proposed Tower Design**

Resource Name: University of Louisiana Monroe Agriculture and Automotive Science Shop

Resource Address: 807 U.S. Highway 80 East, Monroe, LA



Figures 7 & 8

Examples of similar system to be constructed

From: Rohrer, Laurel (CTR)
Sent: Thursday, October 20, 2011 11:57
To: 'Teresa.Bruner@faa.gov'; 'Michael.O'Harra@faa.gov'
Cc: Spann, Tiffany; Holmes, Leschina; Pitts, Melanie
Subject: NEMIS 1603-0389 Proposed Construction of a Doppler Radar Tower in Monroe, Ouachita Parish, Louisiana
Attachments: 1603-0389 ULM Doppler Radar Tower Scoping letter FAA SOW.pdf

U.S. Department of Homeland
 Security
 Federal Emergency Management Agency
 FEMA-DR 1603/1607 LA
 1 Seine Ct, 4th Floor, Room 4049
 New Orleans, LA 70114



October 20, 2011

MEMORANDUM TO: See Distribution

SUBJECT: Scoping Notification/Solicitation of Views

To Whom It May Concern:

The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is mandated by the U.S. Congress to administer Federal disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. The Stafford Act authorizes FEMA's Hazard Mitigation Grant Program to provide funds to states and local governments to implement long-term hazard mitigation measures after a major disaster declaration.

The attached scope of work and photographs correspond to a proposed project for which FEMA funding has been requested.

On August 29, 2005, storm surge caused by Hurricane Katrina inundated large portions of Louisiana causing extensive flood and wind damage to structures in Ouachita Parish. The proposed installation of the Doppler Weather Radar System (DWRS) tower will improve the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP's) ability to alert the residents of the rural area located within and surrounding Monroe, Louisiana area of impending hazardous weather conditions. The location of the proposed radar tower is approximately 30-40 feet south of the corner of the existing ULM Agriculture & Auto Science Shop, which is located at 807 U.S. Highway 80 East, Monroe, Louisiana (32.529356, -92.011758).

To ensure compliance with the National Environmental Policy Act (NEPA), Executive Orders (EOs), and other applicable Federal regulations, we will be preparing an Environmental Assessment (EA). To assist us in preparation of the EA, we request that your office review the attached document for a determination as to the requirements of any formal consultations, regulatory permits, determinations, or authorizations pertaining to the Federal Aviation Regulation (FAR), Part 77 – Objects Affecting Navigable Airspace. There are two airports located within 3 miles of the proposed project site.

Please respond within 30 calendar days of the date of this scoping notification. If our office receives no

comments at the close of this period, we will assume that your agency does not object to the project as proposed.

Comments may be faxed to (504) 762-2353, emailed to Laurel.Rohrer@associates.dhs.gov or mailed to the attention of Laurel Rohrer, Environmental Department, at the address above.

For questions regarding this matter, please contact Laurel Rohrer, Environmental Specialist at (504) 762-2205.

Tiffany Winnfield,
Designated Environmental Liaison Officer

Distribution: FAA

Laurel Rohrer, CFM, CHMM, REM (CTR)

URS Corporation, Contractor

NEPA Environmental Specialist - Hazard Mitigation Grant Program

Federal Emergency Management Agency

4th Floor, Room 4049, FEMA Louisiana Recovery Office

1 Seine Court, 4th Floor

New Orleans, LA 70114

Office: (504) 762-2205

Cell: (540) 842-3300

Fax: (504) 762-2353

Email: laurel.rohrer@associates.dhs.gov

The proposed project is to install/construct a new Doppler weather radar system and support tower near the University of Louisiana at Monroe (ULM) Agriculture & Auto Science Shop in Monroe, Louisiana. Please see the scope of work below.

Damage Description:

On August 29, 2005, storm surge caused by Hurricane Katrina inundated large portions of Louisiana causing extensive flood and wind damage to structures in Ouachita Parish. The proposed installation of the Doppler weather radar system and tower would improve the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP's) ability to alert the residents of the rural area located within and surrounding Monroe, Louisiana area of impending hazardous weather conditions.

Scope of Work:

The proposed action at this location is a part of a statewide alert and warning system upgrade project. The scope of work proposed for the other locations involves adding equipment to existing towers or on rooftops, which do not involve ground disturbing activities.

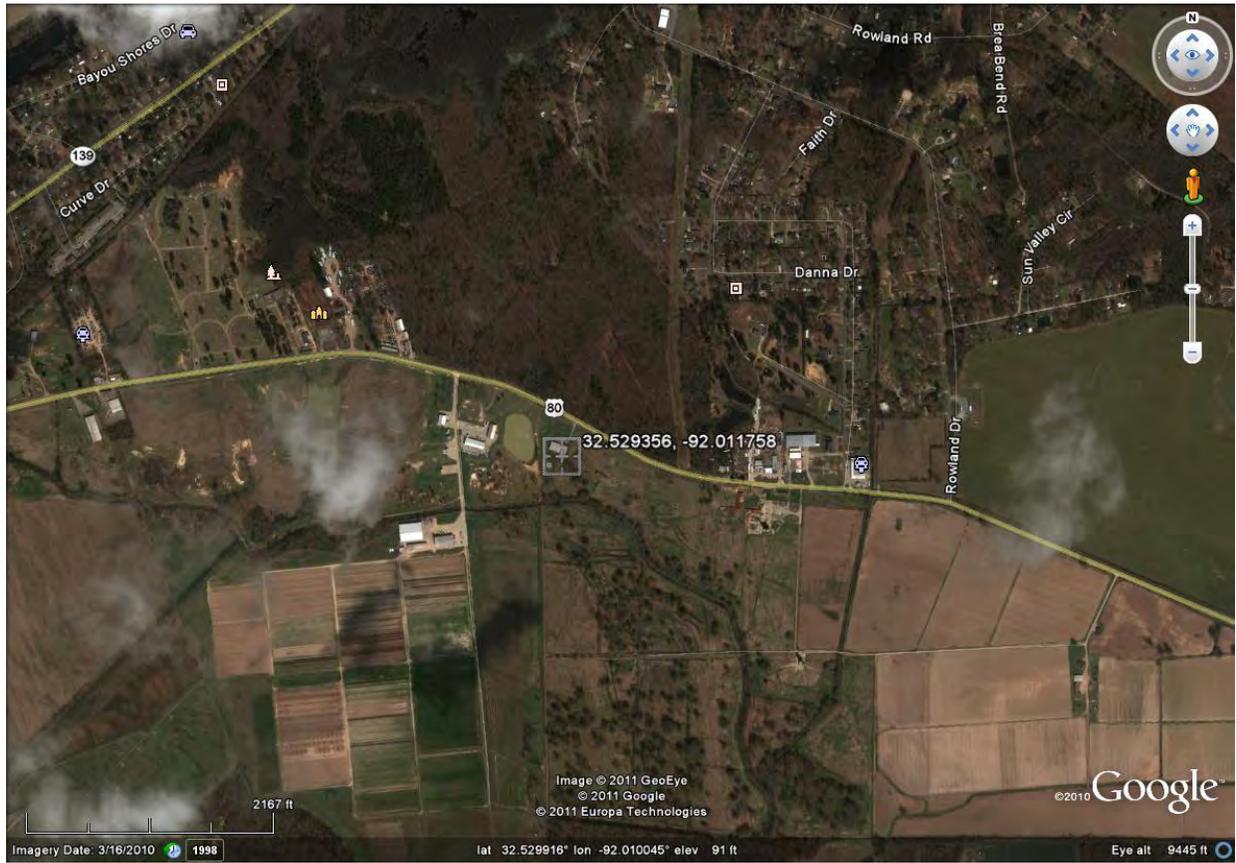
The scope of work for the proposed action at the ULM location is to construct/install a new Enterprise Electronics Corporation DWSR-8501S Doppler Weather Radar System, a local maintenance work station, radar site control and data processing server, simultaneous dual polarization package, and a support tower to support the radar pedestal and dish and a 41-foot diameter covering radome, all of which would be located approximately 30-40 feet south of the corner of the existing ULM Agriculture & Auto Science Shop, which is located at 807 U.S. Highway 80 East, Monroe, Louisiana (32.529356, -92.011758). The tower would be free standing and would not require guy wires. Ground disturbance would be required for this project. The dimensions of ground disturbance for the proposed project, as provided by the applicant, would be approximately 3 feet deep, 20-25 feet long, and 20-25 feet wide for a solid tower foundation. Alternatively, four separate pylons (typically 5 feet by 5 feet), installed to a depth of 8 feet or more, may be required, based on findings of a licensed engineer specializing in soil analysis for these types of installations. The proposed project area is currently undeveloped land adjacent to an existing steel structure. The project area is covered with maintained grass. According to the applicant, no trees would be removed as part of the proposed project. A security fence would be installed around the tower. According to the applicant, the height of the tower would be approximately 70 feet, which is less than a farm silo or municipal water tower. Photos of existing radar towers at other locations are attached for determining the visual effect of the proposed work. The proposed tower would use existing utilities already at the site. According to the applicant, Enterprise Electronics Corporation has stated that there would be typical construction noise during equipment installation and that no emissions will occur to the atmosphere.

Two airports are located within 3 miles of the proposed Doppler radar tower site:

- Monroe Regional Airport
- Huenefeld Public Airport

The attached figures depict the proposed project location, a proposed project area map with two nearby airport locations and distances from the proposed radar site shown, and photos of two examples of similar radar towers for visual effect. "Fact Sheets" for the Monroe Regional Airport and the Huenefeld Public Airport are also attached for your reference.

Proposed Project Location Map – Monroe, Louisiana





For Reference Only - Photos of Similar Existing Radar Towers at Other Locations for Visual Effect (Provided by the Applicant)







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announcements

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monroe regional airport fact sheet

need information?

current conditions:

Fair, 66 F

Monroe Regional Airport (MLU) has one 7500' runway (RWY 4/22) and two 5000' runways (RWY 18/36 and RWY 14/32).

we have the

	RWY 4/22	RWY 18/36	RWY 14/32
Length	7507'	5000'	5000'
Width	150'	150'	150'
Rwy Edge Lights	HIRL	HIRL	MIRL
Approach Lighting	MALSR	NA	REIL
Instrument Approaches	04: ILS, VOR NDB, ASR, VOR-DME	18: ASR	14: ASR
Instrument Approaches	22: ILS, ASR, VOR, VOR-DME	36: ASR	32: ASR, VOR-DME

answers.

For more information or if you have a question or want to tell us about how we can provide a better travel experience for you on your next trip to Monroe, [click here!](#)

social **media**

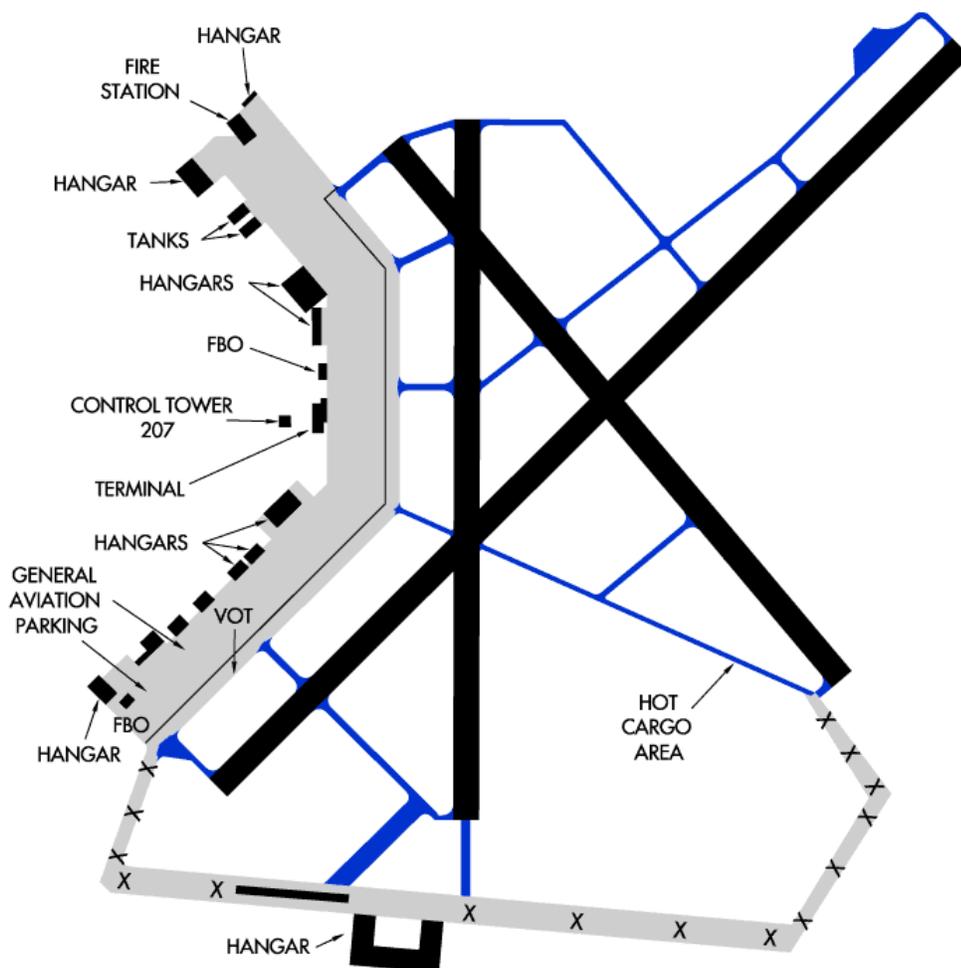
Get the latest news, media, and updates by visiting FlyMonroe's media sites below.



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[PRIVACY POLICY](#) • [CONTACT US](#)





Index B ARFF service as outlined in FAR Part 139 provided by the Monroe Fire Department.

Air Traffic Control

MLU TRACON (Terminal Radar Approach Control) and ATCT (Air Traffic Control Tower) facilities are operated by the Federal Aviation Administration. ATCT hours of operation: 0530-1100L daily.

Communications

TOWER 118.9
 GRD CON 121.9
 CLNC DEL 121.69
 ATIS 125.05
 APP/DEP 126.9(221-040 Deg.)
 118.15(041-220 Deg.)
 ILS 109.5
 UNICOM 122.95

Fixed Base Operations

Monroe Regional Airport has two FBOs (Monroe Air Center and Hanger One) that provide a variety of services for corporate, charter and general aviation aircraft.

Monroe Air Center • (318) 387-0222, main office located on the North apron. Exxon fuel services provided.
 Hanger One • (318) 322-3444, main office located on the South apron. Shell fuel services provided.

[View Current FAA Reports](#)

Huenefeld Airport in Monroe, Louisiana

Back to: [Airports in Monroe, LA](#), [Monroe, Louisiana](#), [All U.S. Cities](#).

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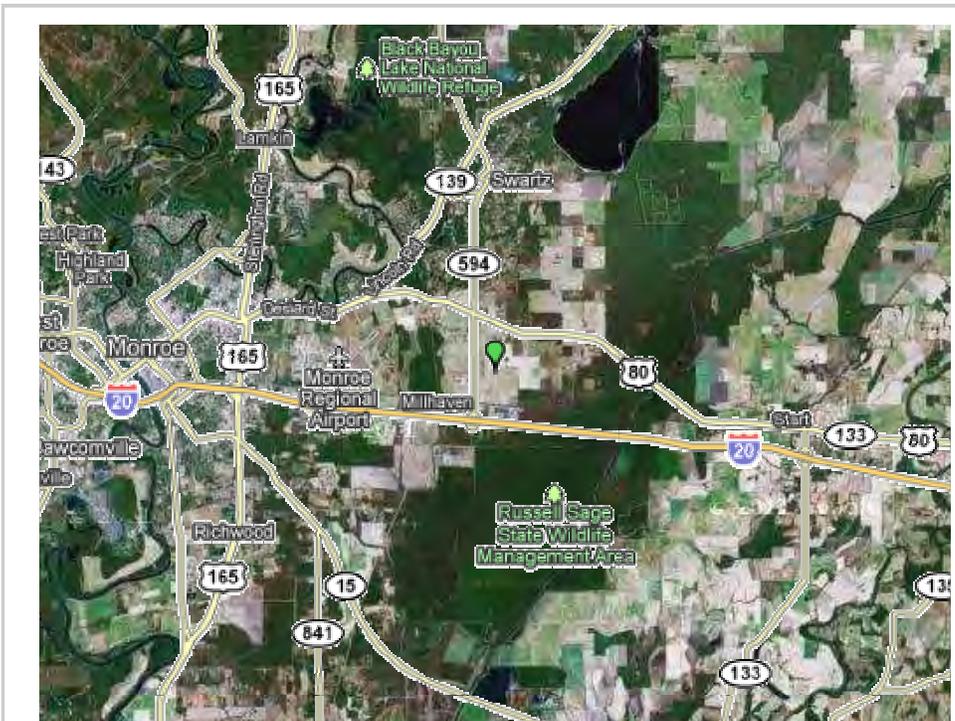


Table of contents:

[General Info](#)

[Runways: 1](#)

Huenefeld Airport

General	<p>Type: Airport, Status: Operational, Activation Date: 01/01/1960, Runways: 1, Land Area Covered By Airport: 5 acres, Ownership: Privately owned, Facility Use: Private, Site Number: 07654.2*A, Location ID: 0LS9, Region: Southwest, District Office: LNM, Aeronautical sectional chart: Memphis, Tie-In FSS: No, Tie-In FSS ID: DRI, Tie-In FSS Name: De Ridder, Tie-In FSS Toll-Free Number: 1-800-WX-BRIEF, Elevation: 72 ft, Elevation determination method: Estimated, Air traffic control tower: No, Boundary ARTCC (FAA) computer ID: ZCF, Boundary ARTCC ID: ZFW, Boundary ARTCC Name: Fort Worth, Airspace Determination: Not Analyzed, NOTAM Service: No, Last Inspection Date: 06/24/1998, Inspection Group: State aeronautical personnel, Inspection Method: 5010-2 Private use mail out program</p>
Location	<p>State: Louisiana, County: Ouachita, City: Monroe, GPS (Degrees): Lat: 32° 30' 15.515", Lng: -91° 58' 55.471", GPS (Seconds): Lat: 32.504310, Lng: -91.982075, GPS determination method: Estimated, Distance from central business</p>

	district: 3 mi (E), Find on map >>	
Owner	Frederick Huenefeld Iii, 140 Huenefeld Rd, Monroe, La 71203, 318-345-3153	Manager Bruce Brooks, Route 1 Box 522-A, Calhoun, La 71225, 318-644-2808
Schedule		
Operations	Period: 06/24/1997 - 06/24/1998, Itinerant Operations: 400, Local Operations: 600	
Aircraft	Single Engine Aircraft: 1	
Additional	Magnetic Variation: 4E (Year 1985), Non-Commercial Landing Fee: No, Transient storage: HGR, Wind direction indicator: Yes, Segmented circle airport marker system: No, Other services: AGRI	
Remarks	Airspace Determination: PREDATES THE ACT.	
Runway 1		
General	ID: '18/36, Length: 1530 ft, Width: 75 ft, Runway Surface Type Condition: Grass, sod, , Poor condition	
Base End	Base End ID: '18, Right Traffic Pattern: No, Controlling Object Description: PLINE, FAA FAR Part 77 Category: Utility runway with a visual approach, Object Clear Slope: 23, Object Height: 60 ft, Object Distance From Runway: 1340.0 ft, Object Offset From Runway: 0B ft, Runway End Gradient: 0.1	
Reciprocal End	Reciprocal End ID: '36, Right Traffic Pattern: No, FAA FAR Part 77 Category: Utility runway with a visual approach, Object Clear Slope: 50, Runway End Gradient: 0.1	

FAA Registered Aircraft Manufacturers and Dealers: 2 ([See the full list of FAA Registered Manufacturers and Dealers in Monroe](#))
 FAA Registered Aircraft: 93 ([See the full list of FAA Registered Aircraft](#))

Comment, ask questions, or add new information about this airport:

Name: E-mail: Security Code:

Display email publicly



Comment: (50-4000 characters)

Back to: [Airports in Monroe, LA](#), [Monroe, Louisiana](#), [All cities](#).

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NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

§77.13 Construction or alteration requiring notice.

(a) Except as provided in §77.15, each sponsor who proposes any of the following construction or alteration shall notify the Administrator in the form and manner prescribed in §77.17.

(1) Any construction or alteration of more than 200 feet in height above the ground level at its site.

(2) Any construction or alteration of greater height than imaginary surface extending outward and upward at one of the following slopes:

(i) 1.00 to 1 for horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) or this section with at least one runway more than 3,200 feet in actual length, excluding heliports.

(ii) 50 to 1 for horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) of this section with its longest runway no more than 3,200 feet in actual length, excluding heliports.

(iii) 25 to 1 for a horizontal distance of 5,000 feet from the nearest point of the nearest landing and takeoff area of each heliport specified in paragraph (a)(5) of this section.

(3) Any highway, railroad, or other traverse way for mobile objects, of a height which, if adjusted upward 17 feet for an interstate Highway that is part of the National System of Military and Interstate Highways where overcrossings are designed for a minimum of 17 feet vertical distance, 16 feet for any other public roadway, 10 feet or the height of the highest mobile object that would normally traverse the road, whichever is greater, for a private road, 23 feet for a railroad, and for a waterway or any other traverse way not previously mentioned, an amount equal to the height of the highest mobile object that would normally traverse it, would exceed a standard of paragraph (a)(1) or (2) of this section.

(4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed a standard of Subpart C of this part.

(5) Any construction or alteration on any of the following airports (including heliports):

(i) An airport that is available for public use and is listed in the Airport Directory of the current Airmen's Information Manual or in either the Alaska or Pacific Airmen's Guide and Chart Supplement.

(ii) An airport under construction, that is the subject of a notice or proposal on file with the Federal Aviation Administration, and except for military airports, it is clearly indicated that airport will be available for public use.

(iii) An airport that is operated by an armed force of the United States.

(b) Each sponsor who proposes construction or alteration that is the subject of a notice under paragraph (a) of this section and is advised by an FAA regional office that a supplemental notice is required shall submit that notice on a prescribed form to be received by the FAA regional office at least 48 hours before the start of construction or alteration.

(c) Each sponsor who undertakes construction or alteration that is the subject of a notice under paragraph (a) of this section shall, within 5 days after that construction or alteration reaches its greatest height, submit a supplemental notice on a prescribed form to the FAA regional office having jurisdiction over the region involved, if—

(1) The construction or alteration is more than 200 feet above the surface level of its site; or

(2) An FAA regional office advises him that submission of the form is required.

§77.15 Construction or alteration not requiring notice.

No person is required to notify the Administrator for any of the following construction or alteration:

(a) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, and would be located in the congested area of a city, town, or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation.

(b) Any antenna structure of 20 feet or less in height except one that would increase the height of another antenna structure.

(c) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device, of a type approved by the Administrator, or an appropriate military service on military airports, the location and height of which is fixed by its functional purpose.

(d) Any construction or alteration for which notice is required by any other FAA regulation.

§77.17 Form and time of notice

(a) Each person who is required to notify the Administrator under §77.13 (a) shall send one executed form set of FAA Form 7460-1, Notice of Proposed Construction or Alteration, to the Manager, Air Traffic Division, FAA Regional Office having jurisdiction over the area within which the construction or alteration will be located. Copies of FAA Form 7460-1 may be obtained from the headquarters of the Federal Aviation Administration and the regional offices.

(b) The notice required under §77.13 (a)(1) through (4) must be submitted at least 30 days before the earlier of the following dates—

(1) The date the proposed construction or alteration is to begin.

(2) The date an application for a construction permit is to be filed.

However, a notice relating to proposed construction or alteration that is subject to the licensing requirements of the Federal Communications Act may be sent to the FAA at the same time the application for construction is filed with the Federal Communications Commission, or at any time before that filing.

(c) A proposed structure or an alteration to an existing structure that exceeds 2,000 feet in height above the ground will be presumed to be a hazard to air navigation and to result in an inefficient utilization of airspace and the applicant has the burden of overcoming that presumption. Each notice submitted under the pertinent provisions of this part 77 proposing a structure in excess of 2,000 feet above ground, or an alteration that will make an existing structure exceed that height, must contain a detailed showing, directed to meeting this burden. Only in exceptional cases, where the FAA concludes that a clear and compelling showing has been made that it would not result in an inefficient utilization of the airspace and would not result in a hazard to air navigation, will a determination of no hazard be issued.

(d) In the case of an emergency involving essential public services, public health, or public safety that required immediate construction or alteration, the 30 day requirement in paragraph (b) of this section does not apply and the notice may be sent by telephone, telegraph, or other expeditious means, with an executed FAA Form 7460-1 submitted within five (5) days thereafter. Outside normal business hours, emergency notices by telephone or telegraph may be submitted to the nearest FAA Flight Service Station.

(e) Each person who is required to notify the Administrator by paragraph (b) or (c) of §77.13, or both shall send an executed copy of FAA Form 7460-2, Notice of Actual Construction or Alteration, to the Manager, Air Traffic Division, FAA Regional Office having jurisdiction over the area involved.

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office Obstruction Evaluation Service, AJR-322
2601 Meachum Boulevard
Fort Worth, TX 76193
Fax: 817-838-1991
Phone: 817-838-1990

Website: <https://oeaaa.faa.gov>

INSTRUCTIONS FOR COMPLETING FAA FORM 7460-1

PLEASE TYPE or PRINT

ITEM #1. Please include the name, address and phone number of a personal contact point as well as the company name.

ITEM #2. Please include the name, address and phone number of a personal contact point as well as the company name.

ITEM #3. New Construction would be a structure that has not yet been built.

Alteration is a change to an existing structure such as the addition of a side mounted antenna, a change to the marking and lighting, a change to power and/or frequency, or a change to the height. The nature of the alteration shall be included in ITEM #21 "Complete Description of Proposal".

Existing would be a correction to the latitude and/or longitude, a correction to the height, or if filing on an existing structure which has never been studied by the FAA. The reason for the notice shall be included in ITEM #21 "Complete Description of Proposal".

ITEM #4. If Permanent, so indicate. If Temporary, such as a crane or drilling derrick, enter the estimated length of time the temporary structure will be up.

ITEM #5. Enter the date that construction is expected to start and the date that construction should be completed.

ITEM #6. Please indicate the type of structure. **DO NOT LEAVE BLANK.**

ITEM #7. In the event that obstruction marking and lighting is required, please indicate type desired. If no preference, check "other" and indicate "no preference" **DO NOT LEAVE BLANK.** NOTE: High Intensity lighting shall be used only for structures over 500' AGL. In the absence of high intensity lighting for structures over 500' AGL, marking is also required.

ITEM #8. If this is an existing tower that has been registered with the FCC, enter the FCC Antenna Structure Registration number here.

ITEM #9 and #10. Latitude and longitude must be geographic coordinates, accurate to within the nearest second or to the nearest hundredth of a second if known. Latitude and longitude derived solely from a hand-held GPS instrument is NOT acceptable. A hand-held GPS is only accurate to within 100 meters (328 feet) 95 percent of the time. This data, when plotted, should match the site depiction submitted under ITEM #20.

ITEM #11. NAD 83 is preferred; however, latitude and longitude may be submitted in NAD 27. Also, in some geographic areas where NAD 27 and NAD 83 are not available other datums may be used. It is important to know which datum is used. **DO NOT LEAVE BLANK.**

ITEM #12. Enter the name of the nearest city and state to the site. If the structure is or will be in a city, enter the name of that city and state.

ITEM #13. Enter the full name of the nearest public-use (not private-use) airport or heliport or military airport or heliport to the site.

ITEM #14. Enter the distance from the airport or heliport listed in #13 to the structure.

ITEM #15. Enter the direction from the airport or heliport listed in #13 to the structure.

ITEM #16. Enter the site elevation above mean sea level and expressed in whole feet rounded to the nearest foot (e.g. 17'3" rounds to 17', 17'6" rounds to 18'). This data should match the ground contour elevations for site depiction submitted under ITEM #20.

ITEM #17. Enter the total structure height above ground level in whole feet rounded to the next highest foot (e.g. 17'3" rounds to 18'). The total structure height shall include anything mounted on top of the structure, such as antennas, obstruction lights, lightning rods, etc.

ITEM #18. Enter the overall height above mean sea level and expressed in whole feet. This will be the total of ITEM #16 + ITEM #17.

ITEM #19. If an FAA aeronautical study was previously conducted, enter the previous study number.

ITEM #20. Enter the relationship of the structure to roads, airports, prominent terrain, existing structures, etc. Attach an 8-1/2" x 11" non-reduced copy of the appropriate 7.5 minute U.S. Geological Survey (USGS) Quadrangle Map MARKED WITH A PRECISE INDICATION OF THE SITE LOCATION. To obtain maps, contact USGC at 1-800-435-7627 or via internet at "<http://mapping.usgs.gov>". If available, attach a copy of a documented site survey with the surveyor's certification stating the amount of vertical and horizontal accuracy in feet.

ITEM #21.

- For transmitting stations, include maximum effective radiated power (ERP) and all frequencies.
- For antennas, include the type of antenna and center of radiation (Attach the antenna pattern, if available).
- For microwave, include azimuth relative to true north.
- For overhead wires or transmission lines, include size and configuration of wires and their supporting structures (Attach depiction).
- For each pole/support, include coordinates, site elevation, and structure height above ground level or water.
- For buildings, include site orientation, coordinates of each corner, dimensions, and construction materials.
- For alterations, explain the alteration thoroughly.
- For existing structures, thoroughly explain the reason for notifying the FAA (e.g. corrections, no record or previous study, etc.).

Filing this information with the FAA does not relieve the sponsor of this construction or alteration from complying with any other federal, state or local rules or regulations. If you are not sure what other rules or regulations apply to your proposal, contact local/state aviation and zoning authorities.

Paperwork Reduction Work Act Statement: This information is collected to evaluate the effect of proposed construction or alteration on air navigation and is not confidential. Providing this information is mandatory for anyone proposing construction or alteration that meets or exceeds the criteria contained in 14 CFR, part 77. We estimate that the burden of this collection is an average 19 minutes per response. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number for this collection is 2120-0001. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, ABA-20

Draft

APPENDIX E

PUBLIC NOTICE

PUBLIC NOTICE
FEMA NOTICE OF AVAILABILITY
DRAFT ENVIRONMENTAL ASSESSMENT
DRAFT FINDING OF NO SIGNIFICANT IMPACT
LOUISIANA STATEWIDE ALERT AND WARNING SYSTEM PROJECT–
CONSTRUCTION OF DOPPLER WEATHER RADAR SYSTEM TOWER
MONROE, OUACHITA PARISH, LOUISIANA

Interested parties are hereby notified that the Federal Emergency Management Agency (FEMA) has prepared a draft Environmental Assessment (EA) and draft Finding of No Significant Impact (FONSI) in compliance with the National Environmental Policy Act (NEPA). The purpose of the EA and FONSI is to assess the effects on the human and natural environment from the construction of a Doppler Weather Radar System Tower at the University of Louisiana, Monroe (ULM) on Highway 80 East, Monroe, Ouachita Parish, Louisiana, a proposed action for which FEMA is considering providing funding assistance.

The purpose of the draft EA is to analyze the potential environmental impacts associated with construction of the Doppler Weather Radar System Tower. The draft EA evaluates a No Action Alternative and the Proposed Action, which is to construct a 70-foot tower which will support a dual polarization radar antenna/pedestal assembly with a 41-foot Sandwich Foam Core Radome. The FONSI will be FEMA's finding that the proposed action will not have a significant effect on the human and natural environment, if no additional substantive information is discovered during the comment period.

The location of the site is south of the ULM Agriculture & Auto Science Shop located at 807 U.S. Highway 80 East, Monroe, Louisiana. This location was selected by the Louisiana Governor's Office of Homeland Security and Emergency Preparedness because ULM is strategically located in the center of the area with poor Doppler Weather coverage. ULM has facilities that are suitable for a DWRS site and faculty as well as students who are knowledgeable about DWRS operation and maintenance.

A draft EA was written to evaluate the proposed action's potential impacts on the human and natural environment. The draft EA summarizes the purpose and need, affected environment, and potential environmental consequences associated with the proposed action and alternatives.

The draft EA and draft FONSI are available for review at the Ouachita Parish Library (Main Branch) – 1800 Stubbs Avenue, Monroe, Louisiana 71201, from 9:00 a.m. to 9:00 p.m., Monday through Thursday; 9:00 a.m. to 6:00 p.m., Friday; 9:00 a.m. to 5:00 p.m., Saturday; and 2:00 p.m. to 5:00 p.m., Sunday. The documents can be downloaded from FEMA's website at www.fema.gov/plan/ehp/envdocuments/ea-region6.shtm. After the comment period has closed, and for documents from previous years, EAs will be moved to the archives page at http://www.fema.gov/plan/ehp/envdocuments/archives_index.shtm. The comment period will begin January 9, 2012 and ends January 28, 2012 at 4 pm. Comments may be mailed to: DEPARTMENT OF HOMELAND SECURITY--FEMA E/HP—Construction of Doppler Weather Radar System Tower Project, 1 Seine Court, 4th Floor New Orleans, LA 70114. Comments may be emailed to: FEMA-NOMA@dhs.gov or faxed to: 504-762-2323. Verbal comments will be accepted or recorded at 504-762-2205. If no substantive comments are received, the draft EA and associated Finding of No Significant Impact (FONSI) will become final and this initial Public Notice will also serve as the final Public Notice for work in the floodplain in accordance with 44 CFR Part 9.12.