



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	MVK-2019-220
EVALUATOR:	Mr. Andy Sanderson
PHONE NO.:	(601) 631-5083
E-MAIL:	Andy.Sanderson@usace.army.mil
DATE:	October 22, 2019
EXPIRATION DATE:	November 11, 2019

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District is considering an application for a Department of the Army permit for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, 4155 Clay Street, Vicksburg, Mississippi 39183-3435.

Application also has been made to the Louisiana Department of Environmental Quality, Office of Environmental Services for a Water Quality Certification in accordance with La. R.S. 30.2074(A) (93), and Section 401 of the Clean Water Act (P.L. 95-217). Additional information is on file with the above office, and may be inspected at any time between 8:00 a.m. and 4:30 p.m. weekdays. Copies may be obtained upon payment of cost of copying. Comments concerning the application can be filed with the Office of Environmental Services within 20 days of this notice to the following address: Office of Environmental Services, Post Office Box 4313, Baton Rouge, Louisiana 70821-4313.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged and / or fill material into waters of the United States.

Name of Applicant:
Mr. DeRayne Duronslet
Entergy Corporation
4809 Jefferson Highway
New Orleans, Louisiana 70121

Name of Agent:
Mr. Chad Soileau
C.H. Fenstermaker & Associates, LLC
5005 Riverway Drive, #300
Houston, Texas 77056

Location of Work: Sections 25, 26, 27, 34, 43, 49, and 50, T20N-R4E, Latitude 32.6947°N, Longitude -92.0160°W, within the Black Bayou Lake-Bayou De Siard watershed in the Lower Ouachita Drainage Basin (8-digit USGS HUC: 08040207), Ouachita Parish, Louisiana.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to discharge dredged and/or fill material into jurisdictional waters of the United States to include wetlands and stream channels. The project purpose is to expand the existing Entergy substation and to install approximately 3.14 miles of new transmission lines in order to increase capacity and efficiency of the existing Perryville Substation.

Two new T-Lines would be installed: Perryville to Selman Field (2.72 miles in length), and Perryville to Sterlington (0.42 miles in length). The Perryville to Selman construction right-of-way (ROW) would be approximately 125 feet (ft) in width and consist of a 230kV line. The Perryville to Sterlington construction Row would be approximately 200 ft in width and consist of 500kV lines. Both transmission line segments would tie into existing lines and terminate at the Perryville Substation. The Perryville Substation expansion would be approximately 3.02 acres in size and would be located adjacent to the northern boundary of the existing Perryville Substation. Overhead utility poles would be installed via drill piers or embedded structures with excavation of up to 6 ft in diameter by 30 ft in depth. Mats would be utilized within waters and wetlands to prevent rutting and compaction.

The site contains approximately 20.9 acres of forested, 3.30 acres of scrub shrub, and 6.70 acres of herbaceous wetlands, along with approximately 1,173 linear feet (lf) of streams. Permanent impacts associated with expansion of the substation and construction of two T-Lines would be the filling of approximately 0.14 acre of herbaceous wetlands, 0.67 acre of scrub shrub wetlands, and 0.55 acre of forested wetlands. A total of 406 linear feet (lf) of perennial stream would be rerouted into a 416 lf channel, and excavation would occur in approximately 0.16 acre of herbaceous, 0.01 acre of scrub shrub, and 0.02 acre of forested wetlands for the construction of the stream channel to be rerouted. Approximately 1.23 acres of scrub shrub wetlands and 6.91 acres of forested wetlands would be permanently converted to herbaceous wetlands. Temporary impacts would include placement of construction mats over approximately 3.98 acres of herbaceous wetlands for construction workspace, placement of construction matting over approximately 0.10 acre of newly converted (previously forested and scrub shrub) herbaceous wetlands, and the culverting and/or mat bridge placement over approximately 767 lf of streams and man-made ditches. A total of 8,460.7 cubic yards of fill material would be placed into the streams and wetlands.

The vegetative communities within the project area are dominated by *Baccharis*, *Carex* sp., marsh pea, American elm, Canada goldenrod, peppervine, Virginia creeper, winged elm, Chinese privet, goosegrass, Japanese honeysuckle, water oak, tall fescue, and lizard's tail. Soils within the project site are dominated by

Hebert silt loam, Perry clay, Portland silt loam, Rilla-Hebert silt loams complex, and Rilla silt loam with NRCS hydric component ratings of 3, 100, 15, 10, and 5, respectively.

The applicant proposes to mitigate for the unavoidable loss of jurisdictional impacts through the purchase of credits from an USACE approved mitigation bank that services the project area.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: The Regulatory Archaeologist has reviewed the latest published version of the National Register of Historic Places, state lists of properties determined eligible, and other sources of information. The following is current knowledge of the presence or absence of historic properties and the effects of the proposed undertaking upon these properties: An historic properties investigation has been conducted within the permit area. No sites determined eligible for or listed on the National Register of Historic Places are within the permit area or affected area.

Endangered Species: Listed species for the project area include the Northern long-eared bat and red-cockaded woodpecker. Utilizing the Standard Local Operating Procedure for Endangered Species (SLOPES) as signed on December 1, 2014, between the U.S. Army Corps of Engineers, Vicksburg District and the U.S. Fish and Wildlife Service, the Corps has determined that the proposed activity would have no effect on the red-cockaded woodpecker, and may affect the Northern long-eared bat, but that take is not prohibited under 4(d) Rule. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Floodplain: In accordance with 44 CFR Part 60 (Floodplain Management and Use), participating communities are required to review all proposed development to determine if a floodplain development permit is required. Floodplain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements. The proposed project site is within the 100 year floodplain.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

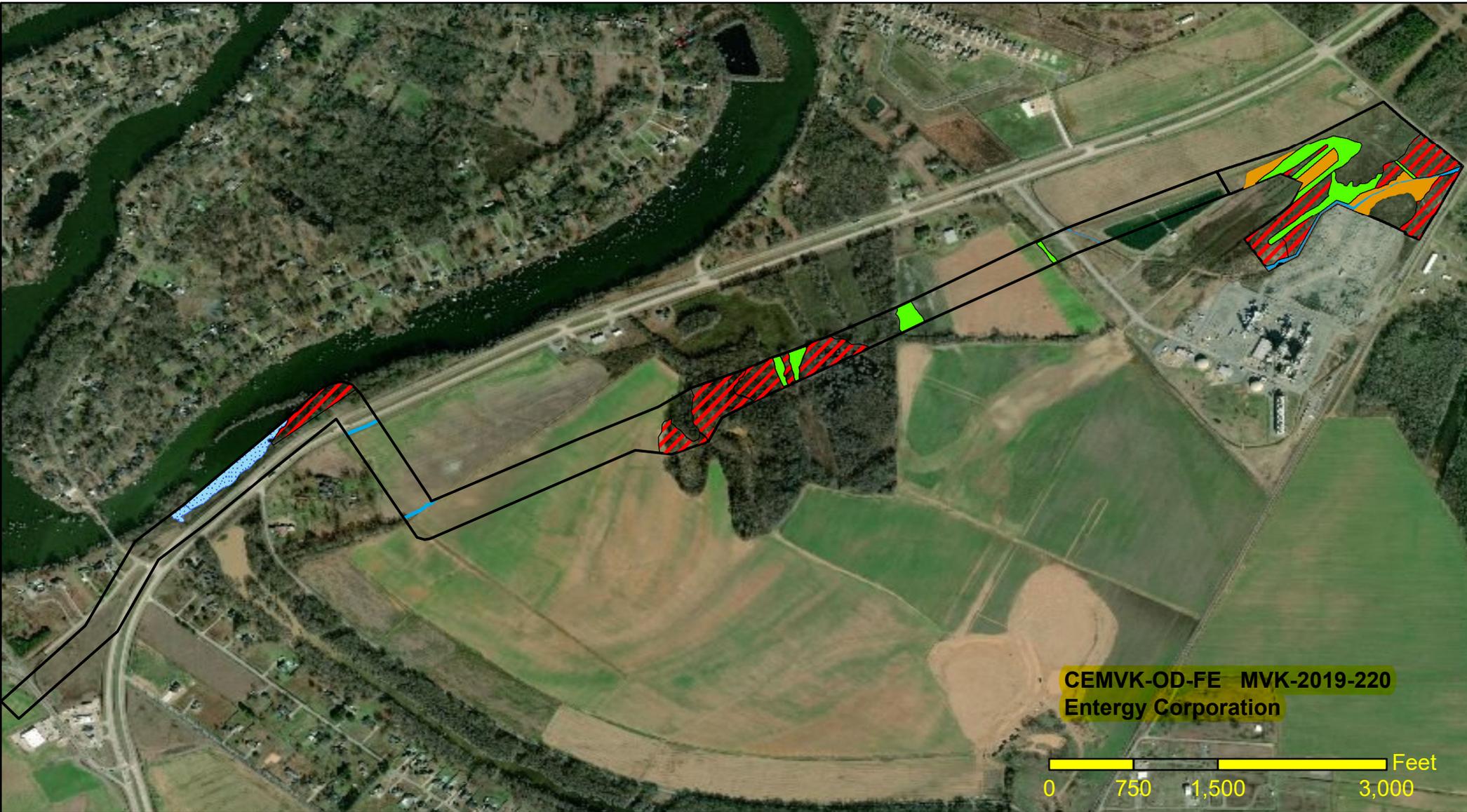
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/Missions/Regulatory.aspx>.

Thomas A McCabe
Thomas A. McCabe
Chief, Evaluation Section
Regulatory Branch

Project Site, Ouachita Parish, LA



Legend

	Delineation Boundary		PFO 20.09 acres
	Open Water 2.36 acres		PSS 3.30 acres
	PEM 6.70 acres		Stream 1181 LF

THERE ARE JURISDICTIONAL WATERS OF THE U.S. IDENTIFIED WITHIN THE PROPOSED PROJECT BOUNDARY, THUS A PERMIT IS REQUIRED



**Regulatory
Branch**

**Enforcement
Section**

Enclosure 1

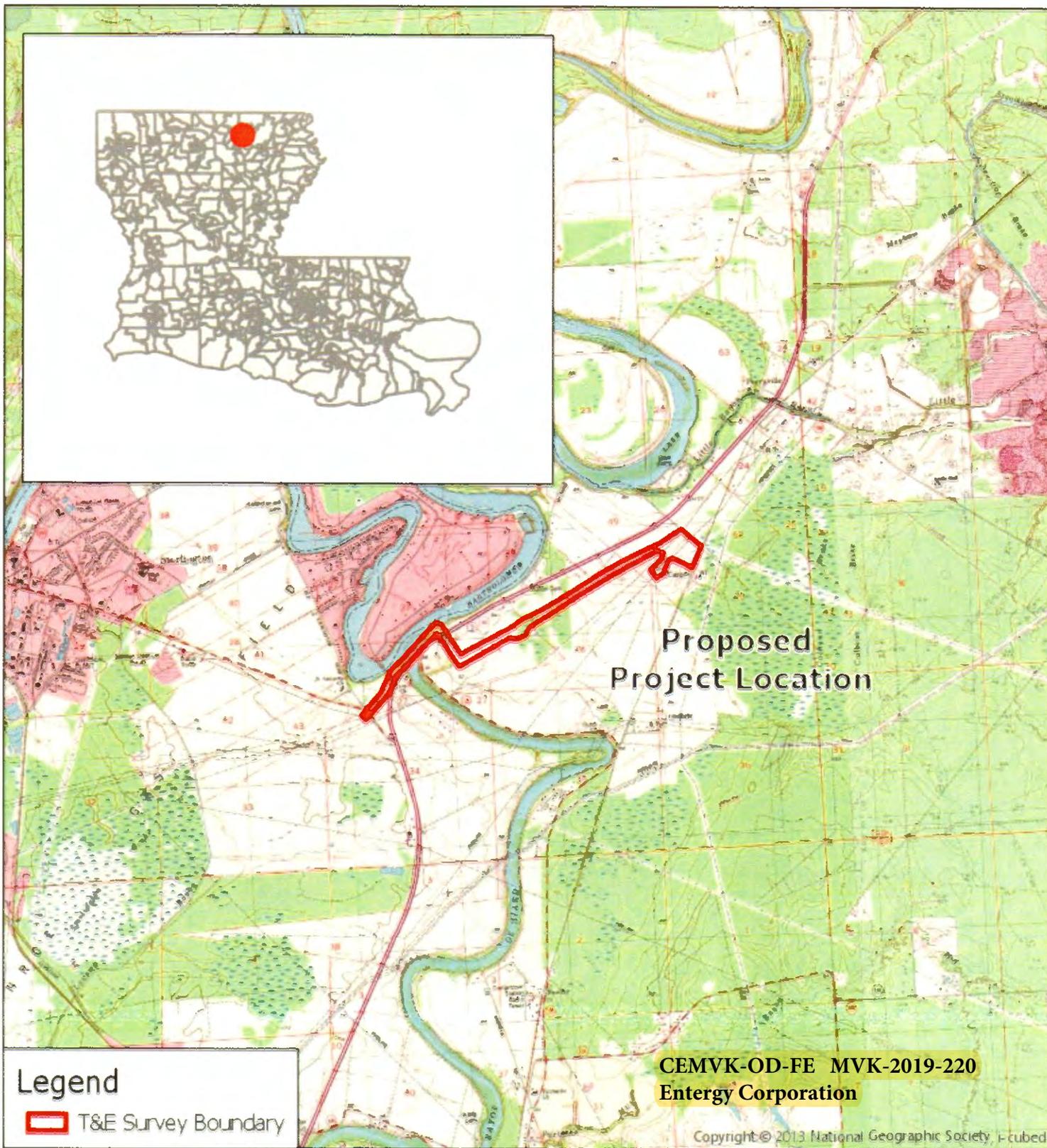
August 2, 2019

Permit Required

Aerial Imagery:
ESRI World Imagery

MVK-2019-220

C.H. Fenstermaker & Associates INC.
Sterlington, Louisiana
Request for Wetland Determination
Ouachita Parish, LA



Legend

 T&E Survey Boundary

CEMVK-OD-FE MVK-2019-220
Entergy Corporation

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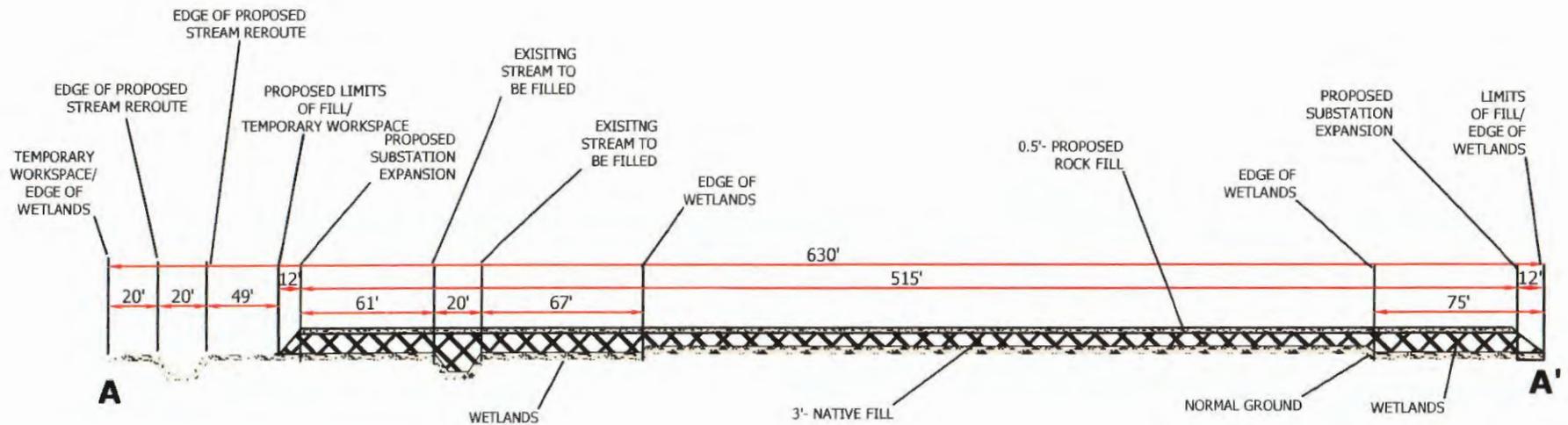
C.H. Fenstermaker & Associates, LLC
 135 Regency Sq. Lafayette, LA 70508
 Ph. 337-237-2200 Fax: 337-232-3299
www.fenstermaker.com

0 0.5 1 Miles

Figure 1: Vicinity Map
Peryville Substation Expansion
& Transmission Lines
Entergy Corporation
Ouachita Parish, LA
Date: 08/19/2019

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This document is not to
be used for construction,
bidding, recordation,
conveyance or sales.

T:\018\018894\ENVIRONMENTAL\Peryville Substation T&E



**TYPICAL
CROSS-SECTION
A-A'**
NO SCALE

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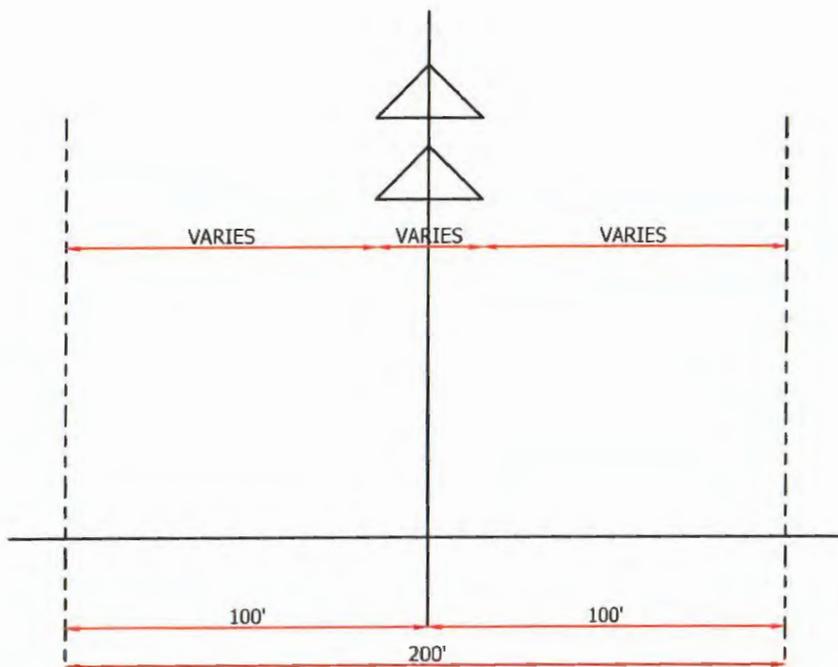
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PERMIT PLATS SHEET 13 OF 17

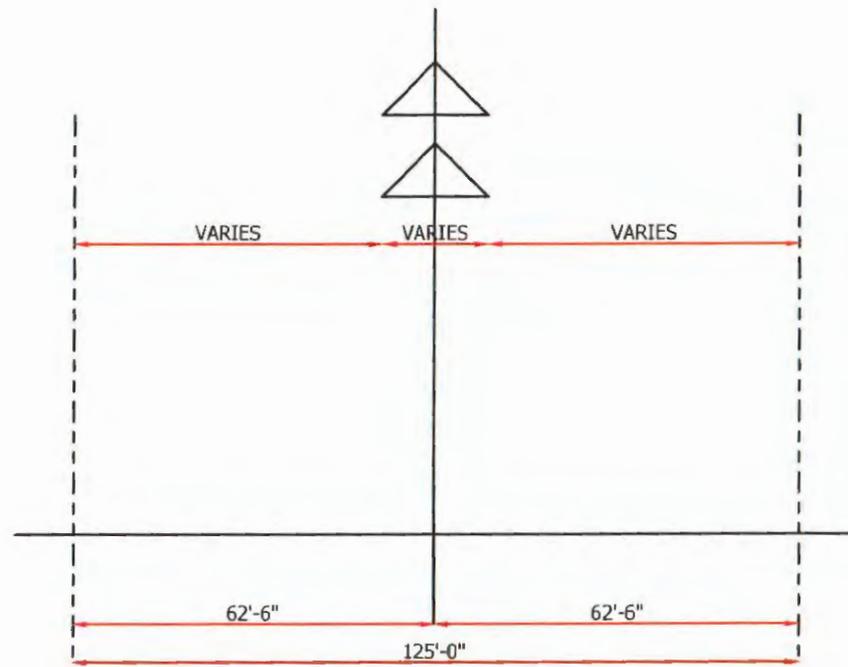
ENERGY CORPORATION
PERRYVILLE SUBSTATION EXPANSION &
TRANSMISSION LINE ROWS
SECTIONS 26, 27, 34, 43, 49, 50, 51
TOWNSHIP 20 N RANGE 4 E
OUACHITA PARISH, LOUISIANA

DATE: 9/5/2019	REVISIONS	
DRAWN BY: CRH	DATE:	REVISED BY:
PROJ. MGR: CS	DATE:	REVISED BY:

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TYPICAL ROW CROSS SECTION FOR 500 KV
LINE IN NEW PROPOSED ROW



TYPICAL ROW CROSS SECTION FOR 230 KV
LINE IN NEW PROPOSED ROW

NOT TO SCALE

TYPICAL ROW CROSS
SECTION LINE IN ROW

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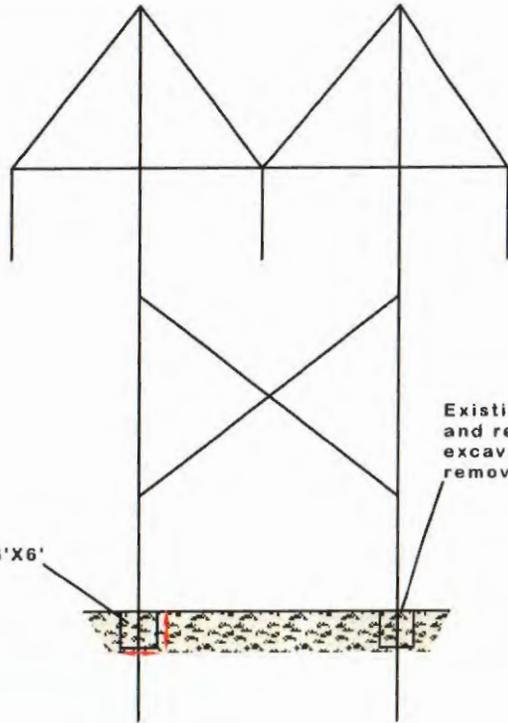
PERMIT PLATS SHEET 14 OF 17

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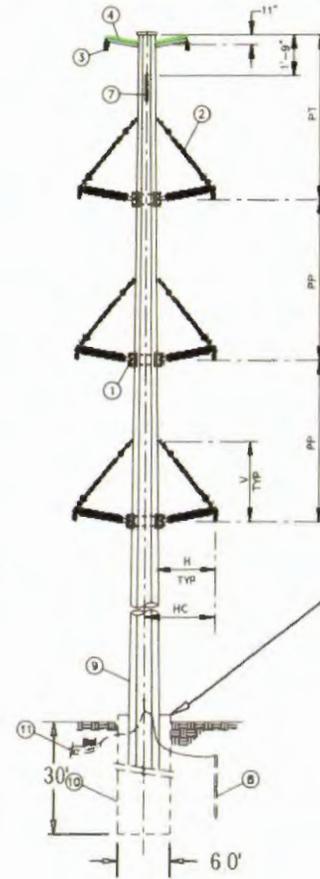
NOTE: CONFIGURATION OF POLE IS TYPICAL. POSITIONING AND HARDWARE MAY VARY.



Existing H-Frames will be topped and remaining pole butts will be excavated (6' width x 6' depth) and removed by pulling.

EXCAVATION 6'X6'

TYPICAL H-FRAME TO BE REMOVED



ASSEMBLY LIST		
ITEM	QTY	ASSEMBLY/DRAWING
1	5	BLT-2P-S
2	6	INSUL (SEE TABLE 1)
3	2	OHG-SUS-XX
4	1	ARM-2OHG-SUS-S
5		
6		
REFERENCE DRAWINGS		
7	1	SON-S
8	1	OND-S-XX
9	-	SEE MFR DWG
10	1	FOUNDATION TYPE T.B.D.
11	-	ANODE-XX (IF REQ)

Installation Method. Drill up to a 6' diameter hole by 30' in depth to construct concrete pier. Pole is attached to concrete pier via an anchor boat cage.

TABLE 1			
	69 kV	161 kV	230 kV
PT	8'-9"	10'-7"	11'-11"
PP	8'-0"	13'-0"	14'-0"
V	6'-8"	8'-6"	9'-10"
H	5'-0"	6'-4"	7'-10"
HC	6'-0"	7'-2"	9'-0"
INSUL	BP2-69-XX	BP2-161-XX	BP2-230-XX

TYPICAL SINGLE POLE INSTALLATION

NOTE TO SCALE

TYPICAL POLE REMOVAL & INSTALLATION

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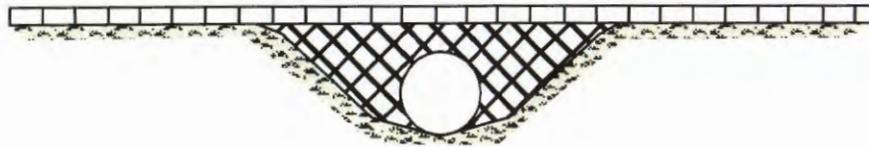
PERMIT PLATS

SHEET 15 OF 17

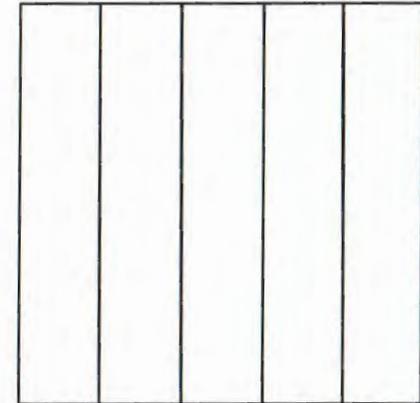
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**TYPICAL CULVERT
DETAIL**



16'0"

**TYPICAL BOARDMAT
DETAIL**

NOT TO SCALE

**TYPICAL BOARDMAT
AND CULVERT**

**CEMVK-OD-FE MVK-2019-220
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