

GARY W. MOORE
COUNTY JUDGE/EXECUTIVE

JERRY S. EARLYwine
COUNTY ADMINISTRATOR



BOONE COUNTY
PUBLIC WORKS

BOONECOUNTYKY.ORG

SCOTT PENNINGTON
DIRECTOR

Encroachment Permit Application

Date 4/8/18

Applicant Name: DUKE ENERGY Contact Person: JOHN PERKINS
Address: 139 EAST FOURTH STREET, EX480 Phone: (513) 287-1276
City, State, Zip: CINCINNATI, OH 45202 Email: JOHN.PERKINS@DUKE-ENERGY.COM
Phone: (513) 287-8338

Type of Encroachment

- Industrial Entrance
 Commercial Entrance
 Residential Entrance
 Farm Entrance
 Utility Encroachment Underground Overhead
 Other (Specify) _____

Encroachment Location: Suncrest Dr/Decker Ln/Richwood Church Rd/Gum Branch Rd

Description of Work to be Completed: INSTALL 12.75" X-52 STEEL GAS MAIN WITH 0.250" WALL THICKNESS VIA OPEN CUT CROSSING SUNCREST DRIVE, RICHWOOD CHURCH ROAD, & GUM BRANCH ROAD. TRENCHES SHALL BE COVERED WITH STEEL PLATES AND RESTORED TO "LIKE EXISTING" CONDITIONS WHEN MAIN INSTALLATION IS COMPLETE.

MAIN CROSSING DECKER LANE WILL BE BORED UNDER THE NEW PAVEMENT.

Separate Attached Drawings Required for All Encroachments Other than Residential

Application Fee: Industrial Entrance - \$400.00 ea
Commercial Entrance - \$200.00 ea All
Other Entrances - Free
Utility encroachment - Free

Make checks payable to: Boone County Fiscal Court

Return completed application and fee to: Boone County Public Works
5645 Idlewild Rd.
Burlington, KY 41005

The applicant agrees to the following terms and conditions:

1. The applicant shall comply with and is bound by the requirements of the Boone County Public Works Department's Regulations.
2. Applicant agrees that if the Department determines that vehicular capacity deficiencies or over capacity conditions develop as a result of the installation and use of this facility, the applicant shall adjust, relocate or reconstruct the facilities and/or provide and bear the expense for signs, storage lanes or other corrective measures reasonably deemed necessary by the Department and set forth in the Department's Regulations within a reasonable length of time after receipt of written notice regarding such adjustments, relocation, additions modifications and/or corrective measures, such time to be specified in the notice.
3. The said encroachment will not infringe on the frontage rights of an abutting owner without written consent of the said owner as hereto: "I (we) consent to the granting of attached permit."
Date: _____ (This does not apply to utilities which serve the general public).
4. Any permit granted hereunder shall be with the full understanding that it shall not interfere with any similar rights or permits heretofore granted to any other party except as otherwise provided by law.
5. A plan prepared by _____ and dated _____ is attached hereto and made a part hereof, which describes the facilities to be constructed by the applicant for which facilities this permit is granted. The applicant agrees as a condition to the issuance of the permit to construct and maintain such facilities in accordance with said plan, and the applicant shall not use the facilities authorized herein in any manner contrary to that prescribed by this permit and plan. Normal usage and routine maintenance only are authorized under this permit.
6. Applicant shall comply with the Manual on Uniform Traffic Control Devices as revised to and in effect on the date of the issuance of this permit which is made a part hereof by reference.
7. Applicant shall at all times from date when work is first commenced and until such time as all facilities are removed from the right-of-way premise, defend, protect and save harmless the Department from all liability, claims, and demands arising out of work undertaken by the applicant pursuant to this permit, due to any negligent act or omission by the applicant, its servants, agents employees or contractors. This provision shall not inure to the benefit of any third party or operate to enlarge any liability of the Department beyond that existing at common law if this right to indemnity did not exist.
8. Upon a violation of any of the provisions of this permit, the Department may revoke the permit by giving notice to the applicant in writing to remove from the right-of-way any facilities placed thereon within a reasonable time as set forth in the notice, and in the event said facilities are not so removed, and the right-of-way restored the Department may cause same to be removed, and the costs thereof shall be charged to the applicant.
9. If the work authorized by this permit is on a project in the construction phase, it shall be the responsibility of the applicant to make contact the Inspection Services Division of the Boone County Public Works Department.
10. This permit does not alleviate any requirements of any other government agency.
11. Applicant agrees to keep the priority route in which this permit was issued clear of dirt, mud and debris during construction and for the life of this permit.
12. An asphalt concrete or portland cement concrete apron, of a minimum of 19 feet in length for the width of the driveway, shall be provided from the edge of the paved portion of the street upon which the driveway is encroaching (per section 3314 of the Boone County Zoning Regulations).
13. This application will become void one (1) year from applicant signature date. Applicant must contact Engineering Services when the work is complete. (859) 334-3600.

Applicant Signature John Palmer

Date 4/6/16

Approval _____

Date _____

Release Date _____

Permit No. _____

CONFIDENTIAL PROPRIETARY TRADE SECRET

DUKE ENERGY

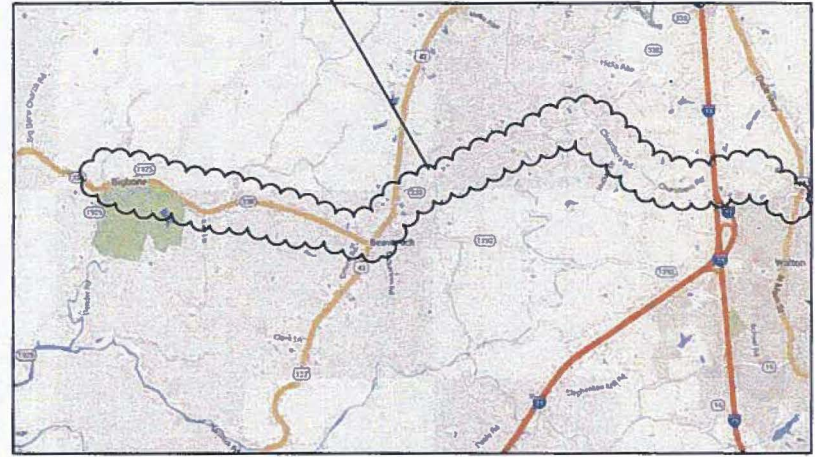
GAS DEPARTMENT
 DUKE ENERGY



ERLANGER DISTRICT

CONTACT GAS SYSTEMS OPERATIONS SUPERVISOR PRIOR TO STARTING JOB TO VERIFY GAS FLOW

AREA OF WORK



HYDRO PRESSURE TEST
 ALL PIPELINES REQUIRE TESTING BEFORE PLACING INTO SERVICE. PRESSURE GAUGES AND FORMS SHOULD BE FORWARDED TO GAS ENGINEERING AND PLANNING.
 REQUIRED TEST PRESSURE RANGE:
 PSI: _____ PSI TO MIN. _____ PSI TO MAX. _____
 HOURS: _____ MEDIUM: _____
 TESTED BY: _____ DATE: _____

LEGEND

---	EX. GAS
---	CONT. GAS
---	PROP. GAS
---	ELECTRIC
---	WATER
---	SEWER
---	CENTERLINE
---	E.O.P.
---	R/W
---	EASEMENT
---	PARCEL
---	DITCH LINE

TRANSMISSION OR FEEDER DISTRIBUTION MAINS HYDROSTATIC TEST WATER REQUIREMENTS
 SEE STANDARDS.
 PERMIT REQUIRED FOR DISCHARGE CONTACT LEAD
 KENTUCKY 45 DAY NOTICE
 INDIANA 60 DAY NOTICE
 CONTACT GAS OPERATIONS REGULATORY COMPLIANCE TO ARRANGE FOR SAMPLING AND TESTING OF DISCHARGE. DISCHARGE PERMITS AND SAMPLING ARE NOT REQUIRED IF THE DISCHARGE IS TO A SANITARY SEWER.
 IN KENTUCKY, A WITHDRAWAL PERMIT IS REQUIRED IF BRIND GALLON OF WATER IS TAKEN FROM ANY LAKE OR STREAM.

CONFORMS TO THE OFFICE OF PIPELINE SAFETY REGULATIONS SECTION 192.401. PERMITS FOR PLACING INTO SERVICE IS REQUIRED TO BE OBTAINED AS A PART OF THE PIPELINE'S PERMITTING PROCESS.
 IN CASE THIS REQUIREMENT THE INSPECTOR SHOULD VERIFY EACH STEP OF THIS PROCESS OF PERMITTING AND LOCATING THE TIE-INS OF THE CONSTRUCTION DRAWING AND COMPLETING THE INFORMATION BLOCK BELOW

TYPE SIZE

1. 12"	
2. _____	
3. _____	
4. _____	
5. _____	

WALL THICKNESS

1. 0.250"	
2. _____	
3. _____	
4. _____	
5. _____	

GRADE

1. _____	
2. _____	
3. _____	
4. _____	
5. _____	

ALL WELDS MUST BE IN ACCORDANCE WITH COMPANY SPECIFICATION 01.

MAOP VERIFICATION

SIZE	WALL THICKNESS	GRADE
1. 12"	0.250"	552
2. _____		
3. _____		
4. _____		
5. _____		

DESIGN MAOP of L: _____ OPERATING MAOP of L: _____
 X SAWS _____
 Signed: _____ Date: _____

VICINITY MAP
 N.T.S.

FOR PCPN FILING
 APR 27, 2016
 DRAWINGS

NOT FOR CONSTRUCTION
 APR 27, 2016
 DRAWINGS

WELDING PROCEDURES REQUIRED		PIPE INSTALLED ON JOB		PERMITS REQUIRED			
100% XRAY	SPEC. #	SIZE	KIND	MALL THICKNESS	EST. QUANTITIES	ACTUAL QUANTITIES	BOONE COUNTY
X	501-4	12"	SPCW	X52 0.250"	48652'		CSR
X	*	12"	SPCW	X52 0.250"	1536'		KYTC HIGHWAY
X	*			(POWERCRETE)			
X	*						
X	*						
X	*						
TOTAL ACTUAL INSTALLED							

UTILITY LOCATION CONTACTS
 TELEPHONE: 1-800-752-6007
 ELECTRIC: 1-800-752-6007
 SAN. SEWER: 1-800-752-6007
 STORM SEWER: 1-800-752-6007
 WATER: 1-800-752-6007
 CABLE T.V.: 1-800-752-6007
 MUNICIPALITY: WARREN COUNTY: 1-859-334-3600

SYSTEM OPERATION SUPERVISOR VALVES AND NUMBERS REVIEWED
 REVIEWED BY: _____ DATE: _____

DESIGN REVIEW OF COMPLETED CONSTRUCTION JOB
 SPONSOR: _____ DATE: _____
 FIELD CHANGE REQUEST DOCUMENT REQUIRED: YES NO
 TRANSMISSION DESIGN DOCUMENT REQUIRED: YES NO

CORROSION ENGINEERING
 APPL. BY: _____
 COATING TYPE: _____
 TYPE PATCH MATERIAL: _____
 CONDITION OF PIPE COATING WHEN DELIVERED TO JOB: GOOD FAIR POOR
 INSULATION CHECKED: NO CHECKED

FIELD PRESSURE TEST
 ALL PIPELINES REQUIRE TESTING BEFORE PLACING INTO SERVICE. PRESSURE GAUGES AND FORMS SHOULD BE FORWARDED TO GAS ENGINEERING AND PLANNING.
 REQUIRED TEST PRESSURE RANGE:
 PSI: _____ PSI TO MIN. _____ PSI TO MAX. _____
 HOURS: _____ MEDIUM: _____
 TESTED BY: _____ DATE: _____

SUPERVISOR BLOCK
 SUPERVISOR OR CONTRACTOR RECORDED BY: _____
 DATE STARTED: _____ DATE PLACED IN SERVICE: _____
 COMPLETION DATE: _____ PERMIT NO. _____

GAS CONTACTS
 CONSTRUCTION: MICHAEL FRANZEN 513-287-2588
 ENGINEERING SPONSOR: JOHN PERKINS 101-513-287-3111

SEALING ON
 4/27/16

LICENSE EXPIRATION
 6/30/16

PROJECT ACTIVITY

INSTALLATION	R2190	1
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BIG BONE
 F/L MAIN EXTENSION
 BOONE CO., KENTUCKY

MAP NO. S 0 5 W 0 2 - 4 7 DRAWING NO. 8 2 0 5 8 0 4

REVISIONS

DRAWN	DKC	04-27-16
CHECKED	ADM	04-27-16
APPROVED		
CLOSED BY		
DATE		

CONFIDENTIAL PROPRIETARY TRADE SECRET

GAS DEPARTMENT
DUKE ENERGY
ERLANGER DISTRICT N.T.S.

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CONSTRUCTION NOTES

1. TARGET START DATE: 03-01-17
TARGET FINISH DATE: 11-30-17
2. THE WINNING BIDDER MUST INSTALL THE MAIN IN ACCORDANCE WITH THE SPECIFIED BID INSTALLATION METHOD UNLESS AN ALTERNATIVE METHOD IS SUBMITTED TO AND APPROVED BY THE DUKE ENERGY DESIGN ENGINEER. ANY CHANGES IN INSTALLATION METHOD SHALL NOT INCREASE THE COST OF THE PROJECT TO DUKE. NOR SHALL PAYMENT BE MADE FOR RESTORATION NOT PERFORMED.
3. RESTRICTED HOURS, TRAFFIC CONTROL OR OTHER RESTRICTIONS IMPOSED BY THE PERMITTING AGENCY ARE THE SOLE RESPONSIBILITY OF THE BIDDERS AND NO EXTRAS WILL BE PAID BY DUKE ENERGY.
4. EXTRA DEPTH WILL BE PAID FOR DIRECT BURY INSTALLATIONS WHEN EXCAVATIONS ARE GREATER THAN 6-FEET TOTAL DEPTH AND DEPTH IS GREATER THAN 2-FEET OVER THE PLANNED EXCAVATION DEPTH.
5. ROCK EXCAVATION WILL BE PAID PER GD-150. THE DUKE ENERGY INSPECTOR AND THE CONTRACTOR MUST AGREE ON THE ACTUAL AMOUNT OF ROCK BEFORE BACKFILLING THE TRENCH IN DIRECT BURY INSTALLATIONS. NO ROCK EXCAVATION WILL BE PAID FOR DIRECTIONAL DRILLING INSTALLATIONS.
6. TIE-IN WORK WILL BE GIVEN TO THE WINNING CONTRACTOR AT THE DISCRETION OF DUKE ENERGY. DUKE ENERGY RETAINS THE RIGHT TO HAVE DUKE ENERGY CREWS PERFORM TIE-IN WORK.
7. ALL WORK MUST BE DONE IN ACCORDANCE WITH THE "SPECIFICATIONS FOR THE 2010 GAS MAIN REPLACEMENT, RELOCATION, AND EXTENSION PROJECTS" AND THE MOST CURRENT VERSION OF GD-150.
8. TIE-IN MAINS MUST BE ADEQUATELY EXPOSED FOR PROPER LINE-UP.
9. OFFSETS WILL BE PAID IF TWO (2) UNPLANNED ELBOWS ARE USED FOR THE AVOIDANCE OF AN UNFORESEEN OBSTACLE IN EITHER THE HORIZONTAL OR VERTICAL DIRECTION.
10. OUT OF BALANCED BIDS WILL BE REJECTED AND NOT CONSIDERED BY DUKE ENERGY.

11. _____

REVISIONS

APRIL 27, 2016

CONFIDENTIAL PROPRIETARY TRADE SECRET

GAS DEPARTMENT
DUKE ENERGY

ERLANGER DISTRICT

M.T.S.

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BOM SHEET

REVISIONS

APRIL 27, 2016

**EXHIBIT 4(a) PUBLIC
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CONFIDENTIAL PROPRIETARY TRADE SECRET

GAS DEPARTMENT
DUKE ENERGY
ERLANGER DISTRICT

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APRIL 27, 2016

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GAS DEPARTMENT
DUKE ENERGY
ERLANGER DISTRICT

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8

BOM SHEET

REVISIONS

APRIL 27, 2016

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