



Kentucky Transportation Cabinet
 Department of Highways
 Permits Branch

TC 99-1 (B)
 1/2012
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ENCROACHMENT PERMIT

KEPTS No.: 05-2016-01060

Permittee: US 60 Water District
Mr. Pete Hedges

Latitude: 38.179113 to 38.201891

Longitude: -85.066935 to -85.148780

Completion Date: 09/21/2017

7/27 09.2016

Coordinates provided on the TC 99-1(B) are the approved location for this permit.

Indemnities		
Type	Amount Required	Tracking Number
Performance Bond	\$55,000.00	
Payment Bond		
Liability Insurance		

This permit has been:

APPROVED DENIED

John K. Carrico PERMIT ENGINEER
 NAME TITLE

John K Carrico 9/22/16
 SIGNATURE DATE

The TC 99-1(B), including the application TC-99 1(A) and all related and accompanying documents and drawings make up the permit. It is not a permit unless both the TC 99-1(A) and TC 99-1(B) are both present.

II. UTILITIES (Continued)

- Encasement pipe shall conform to current standards for highway crossings in accordance with the Permits Manual.
- Parallel lines shall be constructed between back slope of ditch line and right-of-way line and shall have a minimum of 30-inch cover above top of pipe or conduit.
- All pavement cuts shall be restored per Kentucky Transportation Cabinet form TC 99-13.
- Aerial crossing of this utility line shall have a minimum clearance of _____ feet from the high point of the roadway to the low point of the line (calculated at the coefficient for expansion of 120 degrees Fahrenheit).
- The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual.
- Special requirements:

Compaction and grading of backfill shall be to Kentucky Transportation Cabinet Standard Specifications, the entire project area shall be restored to original or better conditions.

III. GENERAL

A. OSHA

- Kentucky Occupational Safety and Health Standards for the construction industry, which has the effect of law, states in part: (Page 52, 1926.651, Specific Excavation Requirements) "Prior to opening an excavation, effort shall be made to determine whether underground installations, (sewer, telephone, water, fuel, electric lines, etc.) will be encountered, and if so, where such underground installations are located. When the excavation approaches the estimated location of such an installation, the exact location shall be determined, and when it is uncovered, proper supports shall be provided for the existing installation. Utility companies shall be contacted and advised of proposed work prior to the start of actual excavation."

B. Archaeological

- Whenever materials of an archaeological nature are discovered during the course of construction work or maintenance operations, contact shall be made immediately with the Division of Environmental Analysis, which maintains an archaeologist on staff, or with the Office of the State Archaeologist located at the University of Kentucky. Following this consultation, further action shall be decided on a case-by-case basis by the State Highway Engineer or the Transportation Planning Engineer or their designated representative.

C. Utilities in the Work Areas

- The permittee shall be responsible for any damage to existing utilities, and any utility modifications or relocations within state right of way necessary, as determined by the Department or by the owner of the utility, shall be at the expense of the permittee and subject to the approval of the Department.
- All existing manholes and valve boxes shall be adjusted to be flush with finished grade.

D. Environmental

- If the activity to which this permit relates disturbs one acre or more of land, you must obtain a KPDES KYR10 permit.

Websites

<http://www.water.ky.gov/permitting/wastewaterpermitting/KPDES/storm/>

Inspectors for KPDES KYR10 at www.KEPSC.org

VI. Paving

- No bituminous pavement shall be installed within the right of way between November 15 and April 1, nor when the temperature is below 40 degrees Fahrenheit, without the express consent of the Department. No bituminous pavement shall be installed when the underlying course is wet.
- Paving within the right of way shall be as follows:
 - Base (Type) _____ (Thickness) _____
 - Surface Base (Type) _____ (Thickness) _____
 - Finished Surface (Type) _____ (Thickness) _____
- Existing pavement and shoulder material shall be removed to accommodate the above paving specifications.
- The finished surface of all new pavement within the right of way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by the Department of Highways.
- All materials and methods of construction, including base and subgrade preparation, shall be in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- 24 hours notice to the Department is required prior to beginning paving operations.
Phone: _____ Name: _____
- To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the pavement as specified in drawings.
- Existing edge of pavement shall be saw-cut to provide a straight and uniform joint for new pavement. An approved joint sealer, in accordance with Kentucky Department of Highways Standard Specifications (latest edition), shall be applied between new and existing pavements.

VII. SIDEWALKS SPECIFICATIONS *This dimension should be equal to the width of the sidewalk.

- A. New Sidewalks**
 - Sidewalks shall be constructed of Class A concrete (3,500 p.s.i. test), shall be * _____ feet in width, 6 inches in thickness across the bituminous entrance, and 4 inches in thickness across the remaining sections.
 - Sidewalks shall have tooled joints not less than 1 inch in depth at four foot intervals*, and 1/2 preformed expansion joints extending entirely through the sidewalk at intervals not to exceed 50 feet.
 - All materials and methods of construction, including curing, shall be in accordance with the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).
- B. Existing Sidewalks**
 - (Applicable if existing sidewalks are being relocated) Use of the sidewalk shall not be blocked or obstructed, and a usable walkway shall be maintained across the construction area at all times.
 - All damaged sections of the sidewalks shall be entirely replaced to match existing sections.

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X. RIGHT-OF-WAY FENCE REPLACEMENT

- The replacement fence shall be a height of at least 48 inches and shall be of sufficient density to contain all animals (if applicable).
- The replacement fence shall be a minimum of 1 foot and a maximum of 2 feet outside the right-of-way line.
- The fence materials and design shall meet accepted industry standards and be treated as paintable.
- The permittee shall be required to maintain the fence in a high state of repair.
- The existing fence shall be removed by permittee and stored at the Department's maintenance storage yard for future reuse by the Department.
- The control of access shall not be diminished as a result of replacement of the fence.
- Miscellaneous:

NOTICE TO PERMITTEE

THE PERMITTEE AGREES THAT ALL WORK WITHIN THE EXISTING RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE PLANS AS APPROVED AND PERMITTED BY AN ENCROACHMENT PERMIT. ANY CHANGES OR VARIANCES MADE AT THE TIME OF CONSTRUCTION WITHOUT WRITTEN APPROVAL FROM THE DEPARTMENT OF HIGHWAYS SHALL BE REMOVED BY THE PERMITTEE AT NO EXPENSE TO THE DEPARTMENT OF HIGHWAYS AND SHALL BE REDONE BY THE PERMITTEE TO CONFORM WITH THE APPROVED PLANS.



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APPLICATION FOR ENCROACHMENT PERMIT

Permittee Information		KYTC No. 052016-0104C	
Name	US60 Water District	Permit Information	
Address	PO Box 97	Address	9950 8000
City	Bagdad	City	Shelbyville to Peytona
State	KY	State	KY
Zip	40003	Zip	
Phone#	502.747.8942	County	Shelby
Contact	Pete Hedges	Route No.	US 60
Phone	503.747.8942	Mile-Point	19.35 - 14.5
Cell	502.220.0169	Longitude (X)	-85.066935 to -85.148780
Email	petehedges@bellsouth.net	Latitude (Y)	38.179113 to 38.201891
Contact	Warner Broughman	Information below to be filled out by KYTC	
Phone	859.271.1778	<input type="checkbox"/> Air Right	<input type="checkbox"/> Entrance
Cell	859.229.1924	<input checked="" type="checkbox"/> Utilities	<input type="checkbox"/> Other:
Email	wabiii@prodigy.net	<input type="checkbox"/> Left	<input checked="" type="checkbox"/> Right
		<input type="checkbox"/> Full	<input checked="" type="checkbox"/> by Permit
		<input type="checkbox"/> Partial	<input checked="" type="checkbox"/> X-ing

General Description of Work:

US 60 Water District will replace an aging A/C waterline along the north R/W of US 60 highway from near Guist Creek to the intersection with KY 395. The new line will be a 12" ductile iron pipe. No crossings of US 60 are anticipated.

RECEIVED

SEP 19 2016

D-5

Traffic & Permits

THE UNDERSIGNED PERMITTEE(S) (being duly authorized representative(s) or owner(s)) DO AGREE TO ALL TERMS AND CONDITIONS ON THE TC 99-1 (A).

Signature

Date

9/12/16

This is not a permit unless and until the permittee(s) receives an approved TC 99-1(B) from KYTC. This application shall become void if not approved by the cancellation date. The cancellation date shall be one year from the date the permittee submits their application.