

JOHN N. HUGHES  
*Attorney at Law*  
Professional Service Corporation  
124 WEST TODD STREET  
FRANKFORT, KENTUCKY 40601

Telephone:  
(502) 227-7270

Telecopier:  
(502) 875-7059

February 24, 2005

Beth O'Donnell  
Executive Director  
Public Service Commission  
211 Sower Blvd.  
Frankfort, KY 40601

RECEIVED

FEB 24 2005

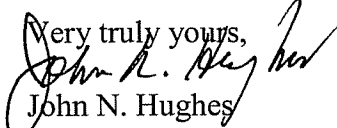
PUBLIC SERVICE  
COMMISSION

Re: Case 2005-00052

Dear Ms. O'Donnell:

Northern Kentucky Water District has received the permit from the Division of Water for this project, which is attached. Also attached is the bid recommendation; minutes of the Board accepting the bid; and an encroachment permit from the Department of Highways.

I believe that this satisfies the deficiency notice, and that the application should be complete and acceptable for filing. Thank you for your assistance.

Very truly yours,  
  
John N. Hughes  
Attorney for Northern  
Kentucky Water District

cc: Attorney General  
Gerald Wuetcher

attachments



ERNIE FLETCHER  
GOVERNOR

**ENVIRONMENTAL AND PUBLIC PROTECTION CABINET**

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

14 REILLY ROAD

FRANKFORT, KENTUCKY 40601-1190

[www.kentucky.gov](http://www.kentucky.gov)

February 10, 2005

LAJUANA S. WILCHER  
SECRETARY

Justin T. Dennis  
Northern Kentucky Water District  
3049 Dixie Hwy.  
Edgewood, KY 41017

Re: Northern Kentucky Water District PWS--2485  
DW No. 0590220-05-001  
US 27 Pump Station Expansion  
Activity ID: APE20050001

Dear Mr. Dennis:

We have reviewed the plans and specifications for the above referenced project. The plans include the addition of 3- Booster Pumps Capable of 3550 GPM @ 300 Feet of Head. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the enclosed waterline extension construction permit.

If you have any questions regarding this decision, please contact John B. Mathews, Jr, at (502) 564-2225, extension 578.

Sincerely,

*Joe*  
Donna S. Marlin, Manager  
Drinking Water Branch  
Division of Water

DSM/JBM  
Enclosure

CC: Burgess & Niple, Inc.  
Campbell County Health Department  
Public Service Commission



**NORTHERN KENTUCKY WATER DISTRICT  
BOARD OF COMMISSIONERS MEETING  
February 17, 2005**

A regular meeting of the Board of Commissioners of the Northern Kentucky Water District was held on February 17, 2005 at the District's Aqua Drive office. All Commissioners were present. Also present were Ron Lovan, Richard Harrison, Ron Barrow, Bari Joslyn, Bob Buhrlage, Don Gibson, Bill Wulfeck, Frances Robinson, Debra DeCourcy and Charles Pangburn.

Commissioner Wagner called the meeting to order.

Ms. Joslyn of the District staff led those in attendance in the Pledge of Allegiance.

The Board reviewed articles published and correspondence received since the last regular Board meeting held on January 20, 2005.

On motion of Commissioner Jackson, seconded by Commissioner Sommerkamp, the Board unanimously approved the minutes of the regular Board meeting held on January 20, 2005.

On motion of Commissioner Sommerkamp, seconded by Commissioner Collins, the Board unanimously approved the expenditures of the District for the month of January, 2005.

The Board briefly discussed the District's cash handling policies and procedures.

On motion of Commissioner Koester, seconded by Commissioner Sommerkamp, the Board unanimously authorized the District staff to execute contract documents to award the meter move-out contract for the 2005 water main cleaning and lining program to Rose Excavation & Development.

On motion of Commissioner Macke, seconded by Commissioner Collins, the Board unanimously authorized an increase in the project budget for the 16 inch water main replacement project in Latonia to \$375,590.00 and authorized the District staff to execute contract documents to award the project to Lykins Contracting.

On motion of Commissioner Sommerkamp, seconded by Commissioner Jackson, the Board unanimously authorized the District staff to execute contract documents to award the U.S. 27 pump station expansion project to Building Crafts Inc.

On motion of Commissioner Collins, seconded by Commissioner Sommerkamp, the Board unanimously authorized the District staff to execute contract documents to award the south reservoir dam improvement project to Rector Excavating.

On motion of Commissioner Collins, seconded by Commissioner Sommerkamp, the Board unanimously agreed to go into executive session under the provisions of KRS 61.810(1)(c) to discuss threatened litigation.

The Board returned to open session.

On motion of Commissioner Sommerkamp, seconded by Commissioner Jackson, the Board unanimously authorized the District staff to execute contract documents to award the Central Facility project with alternate nos. 1, 2, 3, 4, 5, 7, and 8 to Morel Construction Co.

The Board reviewed the District's financial reports.

The Board reviewed the District's Department reports.

The Board unanimously agreed to move the March regular Board meeting to March 15, 2005 at 2:00 p.m. at the District's Aqua Drive office and the July regular Board meeting to July 28, 2005 at 2:00 p.m. at the District's Aqua Drive office.

Other matters of a general nature were discussed.

On motion of Commissioner Collins, seconded by Commissioner Sommerkamp, the Board unanimously agreed to go into executive session under the provisions of KRS 61.810(1)(c) to discuss pending litigation.

The Board returned to open session.

There being no further business to come before the Board, the meeting was adjourned.

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CHAIR

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SECRETARY



**BURGESS & NIPLE**

RECEIVED  
FEB - 3 2005  
ENGINEERING DEPT.

Ms. Amy Kramer  
Northern Kentucky Water District  
3049 Dixie Highway  
P.O.Box 17010  
Covington, KY 41017-1829

Re: Bid Comparison and Recommendation  
US 27 Pump Station Expansion

February 1, 2005

Dear Ms. Kramer:

**Burgess & Niple, Inc.**

312 Plum Street  
12<sup>th</sup> Floor  
Cincinnati, OH 45202-2678  
513 579.0042  
Fax 513 579.0321

Two bids were received and opened for the US 27 Pump Station Modifications project on January 26, 2005, at the Ft. Thomas Water Treatment Plant. This letter transmits a bid summary comparison table and our contractor recommendation.

The attached bid summary table confirms the two bids were complete and in order, without monetary errors or omissions. Both of the bids submitted were below B&N's estimate of \$1,915,000, with Building Crafts, Incorporated (BCI) submitting the lowest lump sump bid of \$1,706,607.00.

All of the other documentation comprising the BCI bid form was in order, with the exception of the subcontractor questionnaire. For the Electrical Subcontractor, BCI listed the letters "GBD" which according to John Zalla, BCI Vice President, meant "to be determined." He said they had proposals from Gleason Electric and ICS Electrical Services, and have yet to make a decision on either.

Based on B&N's past local work with Building Crafts, as well as the District's past positive experiences, we recommend Building Crafts as the general contractor for construction of the US 27 pump station expansion. Building Crafts built the original US 27 pump station, which we all agree is a quality installation. We feel that prior to BCI being awarded the project, BCI should be required to identify Gleason or ICS as their electrical subcontractor, as either firm is an acceptable subcontractor for this work.

B&N design and construction staff look forward to participating in the subsequent construction and startup phases of this project.

Sincerely,

Samuel W. Swanson, PE  
Design Project Manager

SWS:vls  
Enclosure

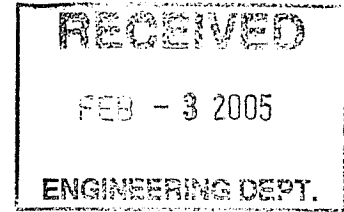
Bid Tabulation Summary

**NORTHERN KENTUCKY WATER DISTRICT  
US 27 PUMP STATION EXPANSION**

Bid Date of January 26, 2005

Contractor	Lump Sum Bid	Addenda Acknowledged	Equipment/I&C Questionnaire	Bid Bond	Noncollusion Affidavit	Experience Record	Subcontractors
Building Crafts Inc.	\$1,706,607.00	Yes	Completed	Supplied	Completed	Supplied	Partially Listed (See Note Below)
Reynolds, Inc.	\$1,882,500.00	Yes	Completed	Supplied	Completed	Supplied	Listed
B&N Estimate	\$1,915,000	--	--	--	--	--	--

Building Crafts Subcontractors: For the Electrical Subcontractor, the letters "GBD" were listed, which stand for "To Be Determined," according to BCI staff. They have verbally indicated that Gleason Electric or ICS Electrical Services will be selected for the project.



ERNIE FLETCHER  
GOVERNOR

KENTUCKY TRANSPORTATION CABINET  
Department of Highways, District Six  
421 Buttermilk Pike, P.O. Box 17130  
Covington, Kentucky 41017  
859/341-2700 (Fax) 859/341-3661  
WWW.KENTUCKY.GOV

MAXWELL C. BAILEY  
SECRETARY

January 31, 2005

SUBJECT: Campbell County, -19-27-18.93  
US 27 (ALEXANDRIA PIKE)  
Permit Number 06-0070-05

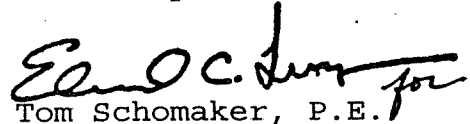
Dear NORTHERN KENTUCKY WATER SERVICE DISTRICT:

Your application for an encroachment permit has been approved by the Department of Highways. We are returning two copies of the approved permit so one may be kept in your record files. The other copy must be given to the party responsible for completing the project and must be kept at the jobsite at all times.

Please see that the work is done in strict conformity with the permit and any other applicable conditions (See Form TC99-21 and any other attached documents, conditions or specifications). The work should be completed no later than July 1, 2006. When the permitted work and any necessary restoration have been completed please notify this office by using the attached form which will serve as notification for final inspection.

If there are any questions regarding this permit, please do not hesitate to contact Edmond C. Thompson at 859-341-2700 or fax number 859-341-6729.

Sincerely,

  
Tom Schomaker, P.E.  
Chief District Engineer  
Department of Highways  
District 6 -Covington  
P.O. Box 17130  
Covington, KY 41017

KENTUCKY TRANSPORTATION CABINET  
 Department of Highways  
 Permits Branch

TC 99-1  
 Rev. 3/99

Released Date \_\_\_\_\_

**ENCROACHMENT PERMIT**

PERMIT NO. 06-0070-05

APPLICANT IDENTIFICATION:

NAME: Northern Kentucky Water District  
 PERSON: Steve Broering  
 ADDRESS: 3049 Dixie Highway  
 CITY: Covington  
 STATE: KY ZIP CODE: 41017  
 PHONE: area code (859) 426-2728

PROJECT IDENTIFICATION:

ACCESS CONTROL  By Permit  Partial  Full  
 COUNTY: CAMPBELL PRIORITY ROUTE NO: US 27  
 MILEPOINT: 18.93  Left  Right  X-ing  
 PROJECT STATUS:  Maint.  Const.  Design  
 PROJECT # STATE: MP-019-0027  
 PROJECT # FEDERAL: \_\_\_\_\_  
 ROAD/ STREET NAME: Alexandria Pike

TYPE OF ENCROACHMENT:

- COMMERCIAL ENTRANCE - BUSINESS
- PRIVATE ENTRANCE:  Single Family  Farm
- UTILITY:  Overhead  Underground
- GRADE:  Fill  Landscape on R/W
- AIRSPACE:  Agreement  Lease
- OTHER: (Specify) \_\_\_\_\_

ATTACHMENTS:

- Standard Drawings (List on TC 99-21 under Misc.)
- Applicant's Plans
- Highway Plan and Profile Sheets
- TC 99-3 (Ponding Encroachment Specs. & Conditions)
- TC 99-4 (Rest Area Usage Specs. & Conditions)
- TC 99-5 (Tree Cutting/Trimming Specs. & Conditions)
- TC 99-6 (Chemical Use of Specs. & Conditions)
- TC 99-10 (Typical Hwy. Boring Crossing Detail)
- TC 99-12 (Overhead Utility Encroachment Diagram)
- TC 99-13 (Surface Restoration Methods)
- TC 99-21 (Encroachment Permit General Notes & Specs.)
- TC 99-22 (Agreement for Services to be Performed)
- TC 99-23 (Mass Transit Shelter Specs. & Conditions)
- Other Attachments (Specify): \_\_\_\_\_

**APPROVED**  
**IAN 3 2005**

TYPE OF INDEMNITY:

- Bond  Cash
- SELF-INSURED AMOUNT ENCUMBERED \$ 10,000.00
- OTHER \_\_\_\_\_

NAME AND ADDRESS OF LOCAL INSURANCE AGENCY OR SELF-INSURED REPRESENTATIVE: \_\_\_\_\_

INDEMNITY: The applicant, in order to secure this obligation, has deposited with the Transportation Cabinet as a guarantee of conformance with the Department's Encroachment Permit requirements, an indemnity in the amount of \$ 10,000.00 as determined by the Department. It shall be the responsibility of the applicant or permittee; his heirs and assignees to keep all indemnities in full force until construction or reconstruction has been completed and duly accepted by an authorized agent of the Transportation Cabinet, Department of Highways.

BRIEF DESCRIPTION OF WORK TO BE DONE: (If private entrance, show sketch with pipe location. Separate attached drawings required for encroachments other than private entrances.)

*Installation of 24" Ductile Iron Pipe and Values For expansion of NKWD Pump station Located in Ft. Thomas, Ky across from Blossom Lane.*

IMPORTANT (PLEASE READ) Applicant  does  does not intend to apply for excess R/W

When the work is completed in accordance with the terms of this encroachment permit, your indemnity will be released. However, the permit is effective until revoked by the Transportation Cabinet and the terms on the permit accompanying permit documents and drawings remain in effect as long as the encroachment exists. **FUTURE MAINTENANCE OF THE ENCROACHMENT IS THE RESPONSIBILITY OF THE PERMITTEE.** It is important that you understand the requirements of this encroachment permit application and accompanying documents. If you have not done so, it is suggested that you review these documents and place the permit package in a safe place for future reference.

copy of this permit and all documents shall be given to your contractor and shall be readily available at the work site for the encroachment permit inspector to review at all times. Failure to meet this requirement may result in cancellation of this permit.

IF THE EVENT THIS APPLICATION IS APPROVED, THIS DOCUMENT SHALL CONSTITUTE A PERMIT FOR THE APPLICANT TO USE THE RIGHT-OF-WAY, BUT ONLY IN THE MANNER AUTHORIZED BY THIS DOCUMENT AND REGULATIONS OF THE DEPARTMENT AND THE DRAWINGS, PLANS, ATTACHMENTS AND OTHER PERTINENT DATA.



PERMIT NO. 06-0070-05

KENTUCKY TRANSPORTATION CABINET  
Department of Highways  
Permits Branch

TC 99-21  
Rev. 12/95  
Page 1 of 4

ENCROACHMENT PERMIT GENERAL NOTES & SPECIFICATIONS

I. SAFETY

A. General Requirements

- All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.
- All work necessary in shoulder or ditchline areas of a state highway is to be scheduled to be promptly completed so that hazards adjacent to the traveled-way are kept to an absolute minimum.
- No more than one (1) traveled-lane is to be blocked or obstructed during normal working hours. All signs and flagmen during lane closure shall conform to the Manual on Uniform Traffic Control Devices.
- When it is necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes are to be blocked or obstructed during adverse weather conditions (i.e., rain, snow, fog, etc.) without specific permission from the Department. Working hours shall be between 8:30 am and 4:30 pm.
- The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.
- No nonconstruction equipment or vehicles or office trailers will be allowed on the right-of-way during working hours.
- The right-of-way shall be left free and clear of equipment, material, and vehicles during non-working hours.

B. Explosives

- No explosive devices or explosive material shall be used within state right-of-way without proper license and approval of Kentucky Department of Mines and Minerals, Explosive Division.

C. Other Safety Requirements

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II. UTILITIES

- \*All work necessary within the right-of-way shall be behind a temporary fence erected prior to a boring operation.
- \*The temporary woven wire fence shall be removed immediately upon completion of work on the right-of-way and control of access immediately restored to original condition, in accordance with applicable Kentucky Department of Highways Standard Drawings.
- \*All vents, valves, manholes, etc. are to be located outside the right-of-way.
- \*Encasement pipe shall extend from right-of-way line to right-of-way line and shall be one continuous run of pipe. The encasement pipe shall be welded at all joints.
- The boring pit and tail ditch shall extend past the existing toe of slope or bottom of ditch line and shall be a minimum of 30" deep.
- 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 36" cover above top of pipe or conduit. (36" preferred)
- All pavement cuts shall be restored per Kentucky Transportation Cabinet Form No. 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' clear zone requirement will be met to the extent possible in accordance with Chapter 99-02.0313 of the Permits Manual.
- Special Requirements:

\*Applies to Fully Controlled Access Highways ONLY

**VI. PAVING**

- No bituminous pavement is to be installed within the right-of-way between November 15 and April 1, nor when the temperature is below 40°F, without the express consent of the Department. No bituminous pavement is to be installed when the underlying course is wet.
- Paving within the right-of-way shall be as follows:
  - Base (Type) Flowable Fill (Thickness) VARIOUS
  - Surface Base (Type) BIT. BASE (Thickness) MATCH EXISTING
  - Finished Surface (Type) BIT. SURFACE (Thickness) 1/4
- 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 Specifications for Road and Bridge Construction, latest edition.
- 24 hours notice to the Department is required prior to beginning paving operations:
  - Phone: 341-2700 EXT 302 Name MARK KENNON
- To insure proper surface drainage the new pavement is to be flush with the edge of existing highway pavement and is to slope away from the existing edge of the pavement as specified on 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 pavement.

**VII. SIDEWALKS SPECIFICATIONS**

**A. New Sidewalks**

- Sidewalks are to be constructed of Class A concrete (3,500 p.s.i. test), are to be \* \_\_\_\_\_ feet in width, are to be 6" in thickness across the bituminous entrance and 4" in thickness across the remaining sections.
  - Sidewalks are to have tooled joints, not less than 1" in depth at \*four (4) foot intervals, and ½ premolded expansion joints extending entirely through the sidewalk at intervals not to exceed fifty (50) feet.
- \* This dimension should be equal to the width of the sidewalk
- All materials and methods of construction, including curing, is to be in accordance with 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 is not to be blocked or obstructed, and a usable walkway is to be maintained across the construction area at all times.
- All damaged sections of the sidewalks are to be entirely replaced to match existing sections.

**VIII. DENSE GRADED SHOULDERS**

- Any existing dense graded aggregate shoulders in the entire frontage within the construction area, which have been disturbed, damaged, or on which dirt has been placed or mud is deposited or tracked, are to be restored to original condition by removal of all contaminated material and replaced to proper grade with new dense graded aggregate.
- All new aggregate shoulders as specified on the plan are to consist of 5" compacted dense graded aggregate 2½ pounds per square yard calcium chloride.
- All dense graded aggregate shoulders are to slope away from the new edge of pavement at the rate of ¼" per foot.

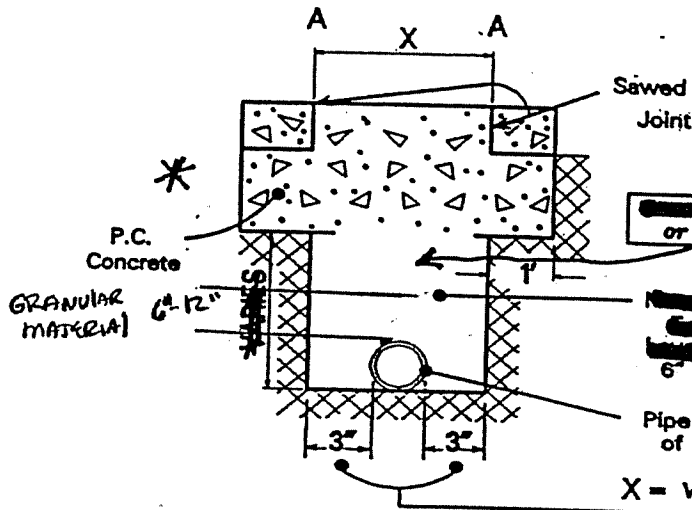
**IX. CURBING**

**A. Bituminous Curbs**

- Bituminous concrete curbs shall be given a paint coat of asphalt emulsion.
- The surface under the bituminous concrete curb shall be tacked with asphalt emulsion.
- All bituminous concrete curbs shall be constructed of a Class I bituminous concrete mixture as specified by official Department of Highways specifications.
- All bituminous curbs shall be of the rolled curb type with a minimum base width of 8" and a minimum height of \_\_\_\_\_ inches. The top of the curb shall be constructed in such a manner as to guarantee a uniform rolled effect throughout the entire run.

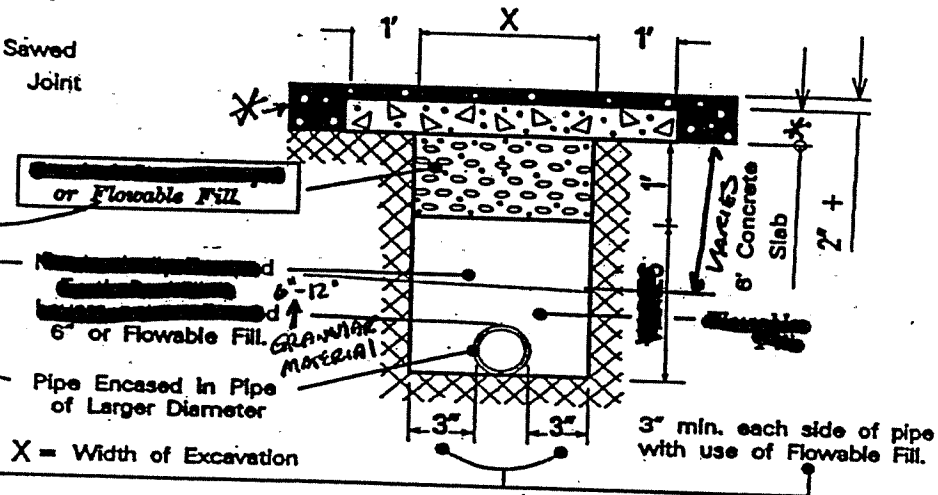
## SURFACE RESTORATION METHODS

### Concrete Pavement



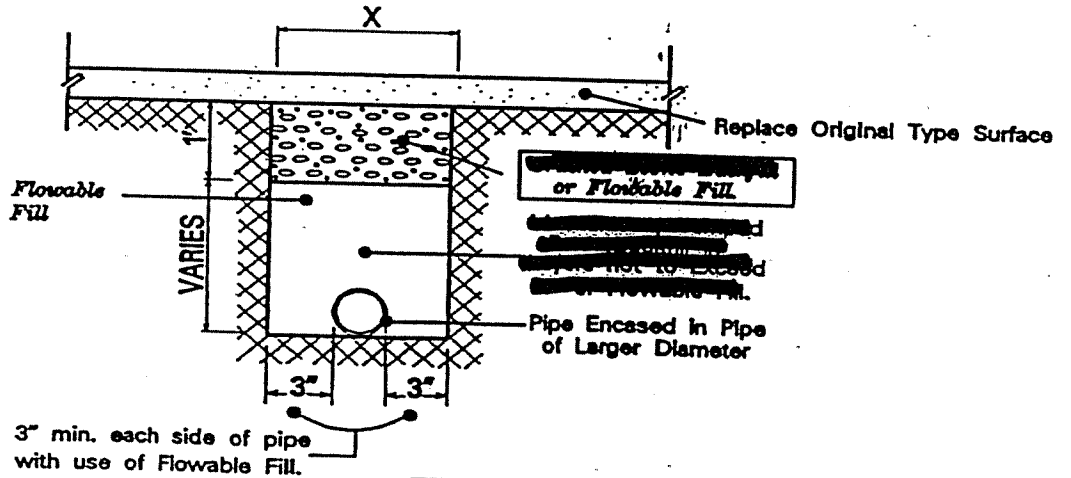
**Replace Concrete Pavement with new pavement same thickness of existing pavement.**

### Bituminous Surfacing 2" +



**Replace Bituminous Pavement with same type and depth as existing pavement.**

### Bituminous Surface Less Than 2" & Traffic Bound Macadam



**NOTE:**

1. Distance From points "A" (Concrete Pavement) to nearest joint or break in pavement must be six (6) feet or more. If less than six (6) feet, remove pavement to joint or break and replace entire slab.
2. Concrete slab under Bituminous Surface to extend twelve (12) inches on each side of trench.
3. An approved joint sealer to be applied between new and existing pavement.

**KENTUCKY TRANSPORTATION CABINET**

**Department of Highways**

Methods of Surface Restoration Due to  
 Open trench Pipe Installation

\* MATCH DEPTH OF EXISTING PAVEMENT  
 DESIGN

Permit # 06-0070-05

NOTICE OF COMPLETION OF ENCROACHMENT PERMIT WORK

Please return this form to the District Office when work is completed and ready for final inspection.

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Applicant Identification

Name: NORTHERN KENTUCKY WATER SERVICE  
Contact Person:  
Address: P.O. BOX 17010  
City: COVINGTON  
State: KY Zip: 41017  
Telephone: 606-331-3066

Project Identification

Permit Number: 06-0070-05  
County: Campbell  
Route Number: 27  
Road Name: ALEXANDRIA PIKE  
Milepoint: 18.93

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I wish to notify the Department of Highways that the above mentioned permit work and any necessary right of way restoration have been completed and are ready for final inspection.

\_\_\_\_\_  
Applicant

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Please Return To:

Department of Highways  
District 6 Covington  
P.O. Box 17130  
Covington, Ky. 41017

Attention:

Edmond C. Thompson