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P.O. Box 55 351 Almo Rd  
Almo, KY 42020  
Phone (270) 753-9101  
Fax (270) 759-0199  
E-mail dawd351@netzero.net

## DEXTER-ALMO HEIGHTS WATER DISTRICT

April 16, 2013

George W. Wakim, P.E. Manager  
Water & Sewer Branch, Engineering Division  
Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602-0615

RECEIVED

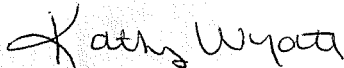
APR 22 2013

PUBLIC SERVICE  
COMMISSION

Dear Mr. Wakim:

Enclosed are the documents requested upon the substantial completion of the Hopkins Rd Loop Project WX21035006 \$95,776\_2N-2012, case #2012-000489.

Sincerely,

  
Kathy Wyatt

Office Manager

.....

Dexter-Almo  
Hopkins Road Water Main Extension  
Final Close-out Report

***Dexter-Almo shall file with the Commission documentation of the total costs of this project, including the cost of construction and all other capitalized costs (engineering, legal, administrative, etc.), within 60 days of the date that construction is substantially completed. Construction costs shall be classified into appropriate plant accounts in accordance with the Uniform System of Accounts for water utilities prescribed by the Commission.***

On March 7, 2013, Kim H. Oatman, P.E. observed the project site and found the project to be substantially complete in accordance with the approved plans and specifications. The only remaining item to be addressed as of this date is the final dressing of backfill and seeding (which will be completed later in the spring).


The final project costs are itemized below:

Engineering Fees – Design	\$11,493.00
Construction Cost (original contract + approved change order)	<u>\$83,783.68</u>
Total Project Cost	<u>\$95,276.68</u>

There were no legal, administrative, land, easements, appraisal or relocation costs. The approved budget for the project was \$95,776 so there was a final balance in the project of \$499.32.

***Dexter-Almo shall file a copy of the "as-built" drawings and a certified statement that the construction has been satisfactorily completed in accordance with the contract plans and specifications within 60 days of the substantial completion of the construction certificated herein.***

I hereby certify that the construction of the Hopkins Road Water Main Extension was inspected under my general supervision and has been satisfactorily completed in accordance with the contract plans and specifications and in conformance with the best practices of the construction trades. The certified "as-builts" drawings showing 4,006 linear feet of 6-inch water main and 200 linear feet of 6-inch directionally bored 6-inch water main have also been provided to the water district.

  
\_\_\_\_\_  
Kim H. Oatman, P.E. #17397

4/15/13  
\_\_\_\_\_  
Date

RECEIVED

APR 22 2013

PUBLIC SERVICE  
COMMISSION

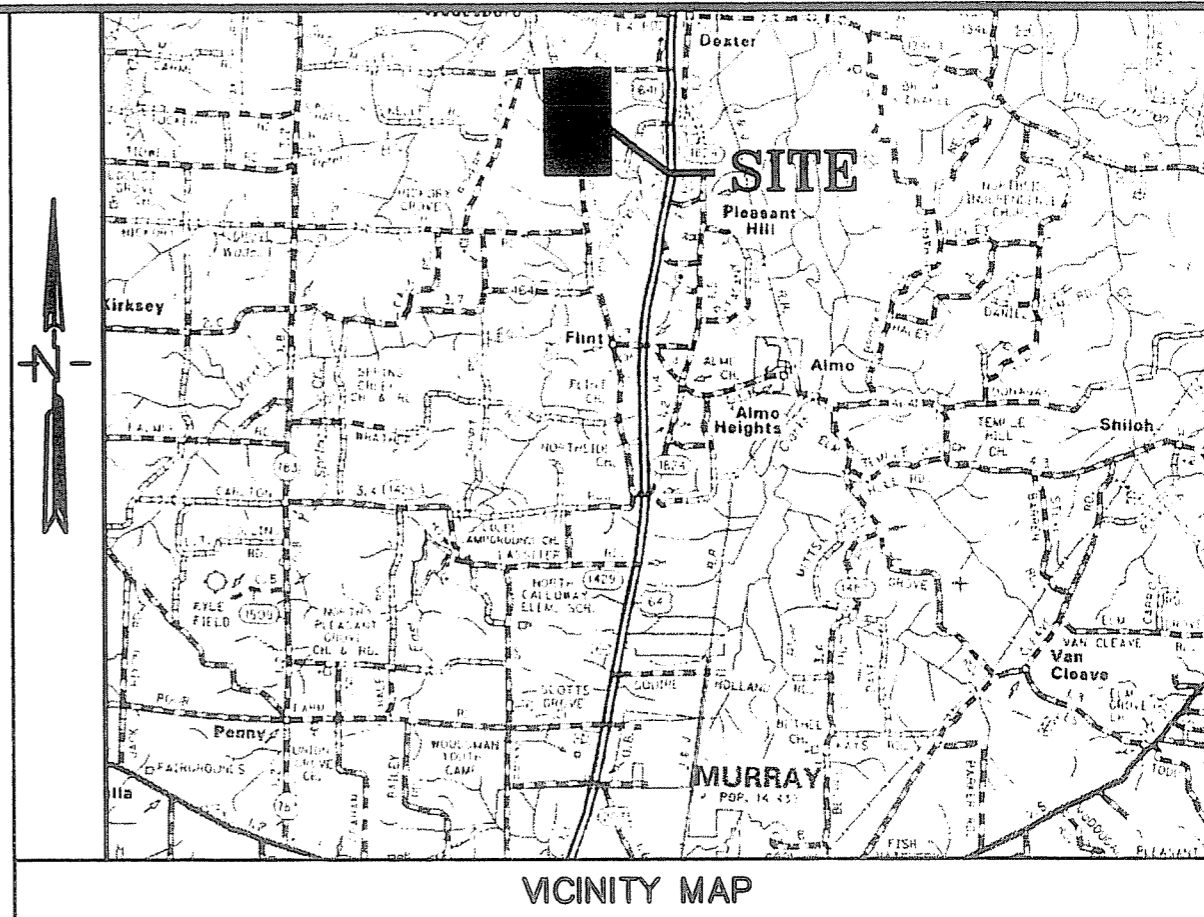
DEXTER-ALMO HEIGHTS WATER DISTRICT  
HOPKINS ROAD  
WATER MAIN EXTENSION  
PHASE I  
CALLOWAY COUNTY, KENTUCKY

JULY 30, 2012

As-Built Drawings

APRIL 15, 2013

**KIM H. OATMAN**  
PROFESSIONAL ENGINEER  
133 PINE CREEK DRIVE  
PADUCAH, KY 42001



**LEGEND**

- MJ - MECHANICAL JOINT
- DI - DUCTILE IRON
- VL — WATER LINE
- G — GAS LINE
- BST — BELL SOUTH TELEPHONE LINE
- RW — RIGHT-OF-WAY

**INDEX OF DRAWINGS**

- |             |                                   |
|-------------|-----------------------------------|
| COVER SHEET | OVERALL SITE MAP - PHASE I        |
| SHEET 1     | HOPKINS ROAD - STA. 0+00 - 15+75  |
| SHEET 2     | HOPKINS ROAD - STA. 15+75 - 30+00 |
| SHEET 3     | HOPKINS ROAD - STA. 30+00 - 36+30 |
| SHEET 4     | WATER DETAILS                     |
| SHEET 5     | TYPICAL BORING CROSSING DETAIL    |
| SHEET 6     |                                   |

RECEIVED

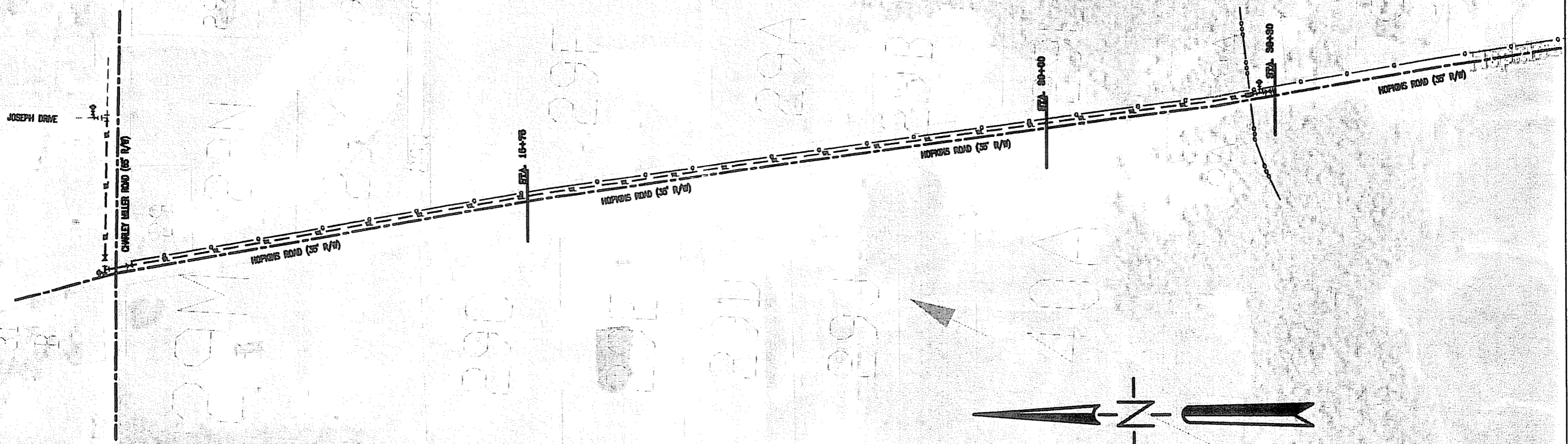
APR 22 2013

PUBLIC SERVICE  
COMMISSION

**BURIED UTILITIES NOTE:**  
 BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MIGHT EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING EXCAVATION PROCEDURES AND CONTACT B.U.D. @ 1-800-752-6007 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.



**CALL BEFORE YOU DIG...**  
 1-800-752-6007  
 UTILITIES PROTECTION CENTER  
 IT'S THE LAW



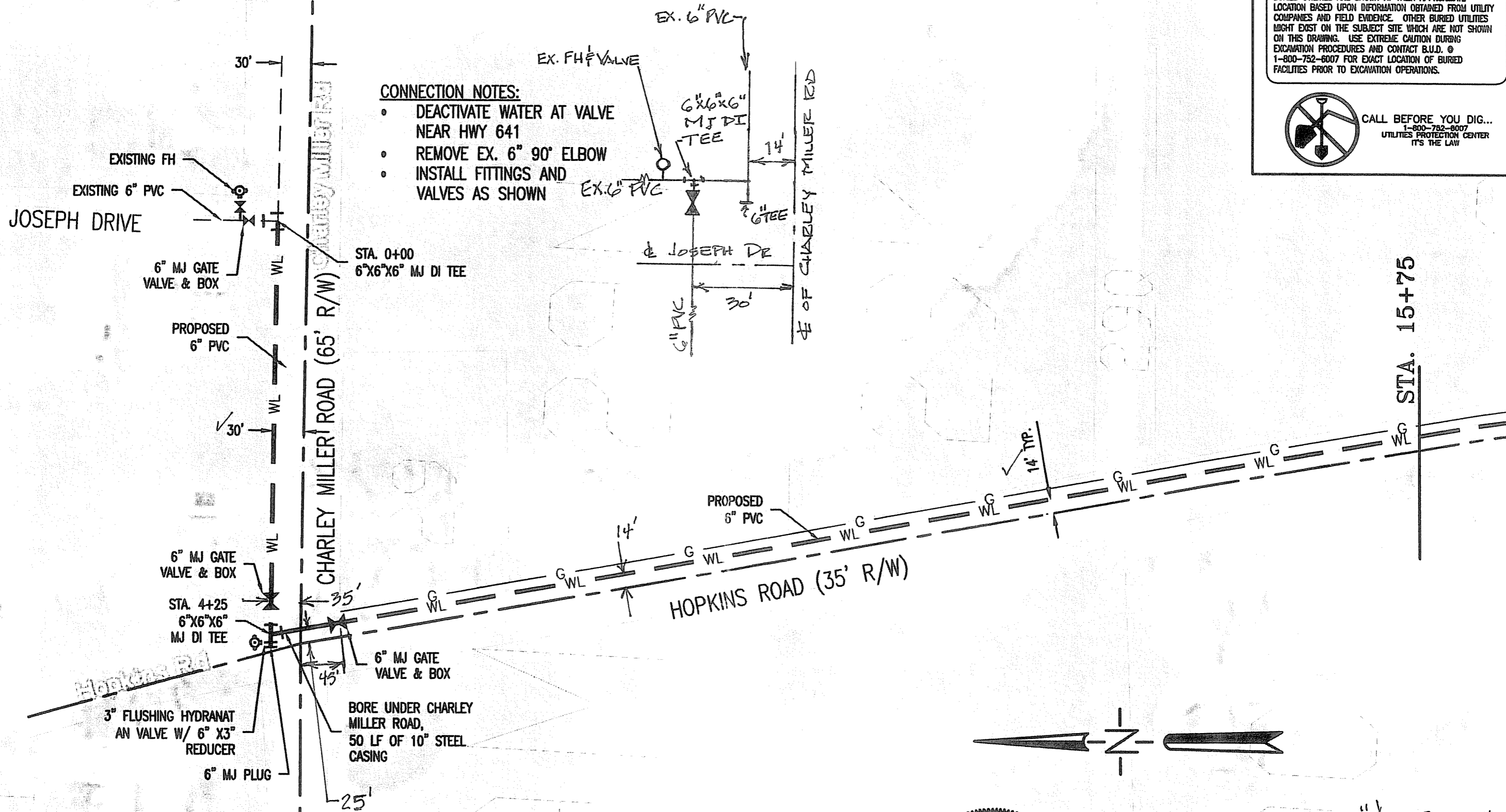
ALL DISTURBED PROPERTIES; DRIVEWAYS, YARDS, FENCES AND FIELDS SHALL BE RESTORED TO ORIGINAL PRE-CONSTRUCTION CONDITIONS.  
 WATER MAIN SHALL BE LOCATED A MINIMUM OF 10' AWAY FROM GAS MAIN.  
 ALL CONCRETE AND ASPHALT DRIVES SHALL BE BORED UNDER (NO OPEN CUT PERMITTED).

**DEXTER ALMO WATER DISTRICT  
 HOPKINS ROAD  
 WATER MAIN EXTENSION**

**KIM H. OATMAN**  
 PROFESSIONAL ENGINEER  
 133 PINE CREEK DRIVE  
 PADUCAH, KY 42001

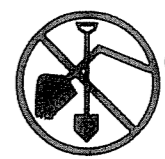
7/30/12    1" = 300'    1 OF 6

MEP/PLD



- CONNECTION NOTES:**
- DEACTIVATE WATER AT VALVE NEAR HWY 641
  - REMOVE EX. 6" 90° ELBOW
  - INSTALL FITTINGS AND VALVES AS SHOWN

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"As-Built"



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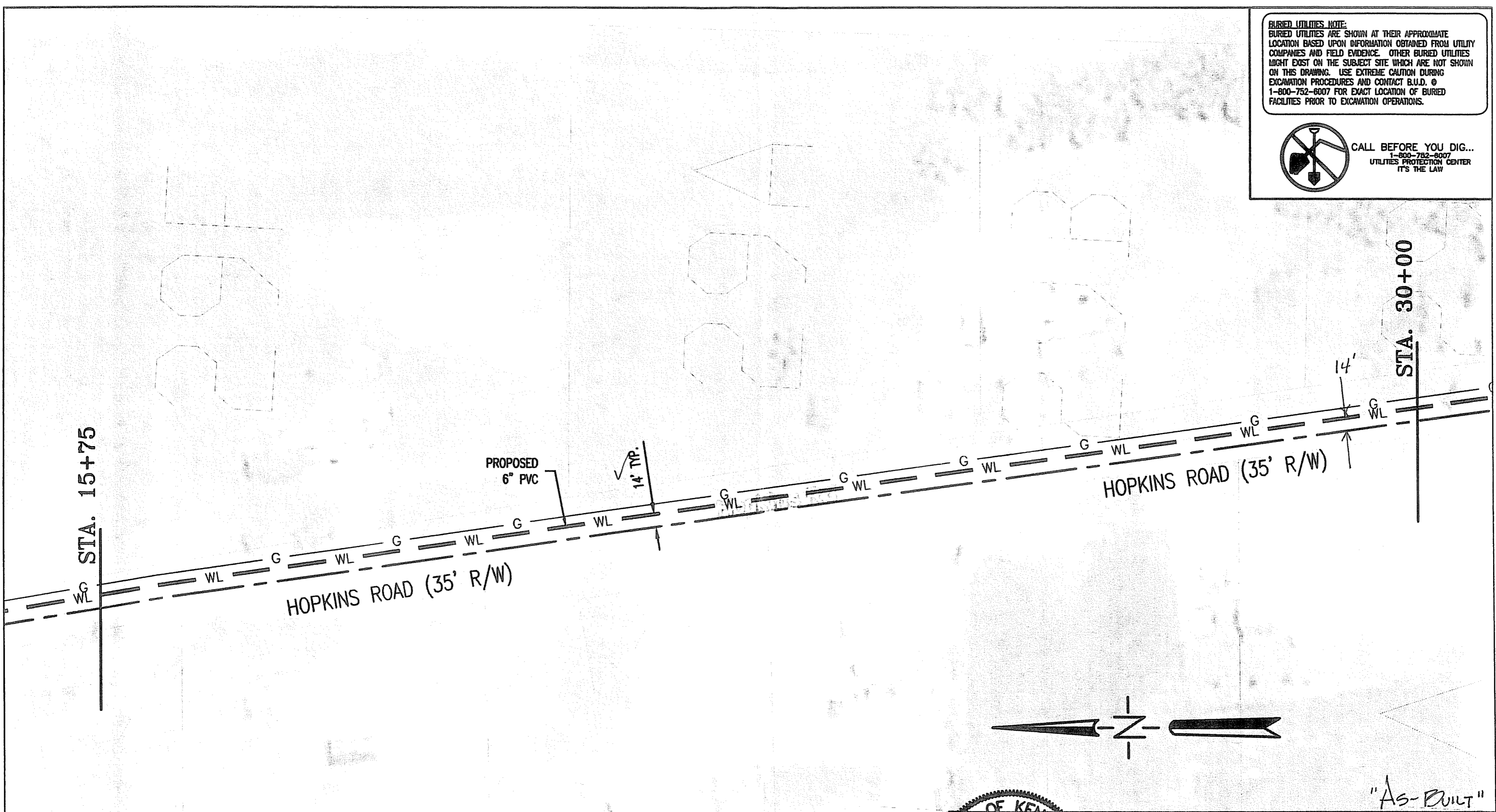
**DEXTER ALMO WATER DISTRICT  
 HOPKINS ROAD  
 WATER MAIN EXTENSION**

**KIM H. OATMAN  
 PROFESSIONAL ENGINEER  
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 PADUCAH, KY 42001**

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STA. 15+75

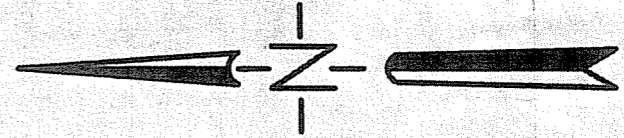
HOPKINS ROAD (35' R/W)

PROPOSED  
6" PVC

14" TP

HOPKINS ROAD (35' R/W)

STA. 30+00



"As-Built"



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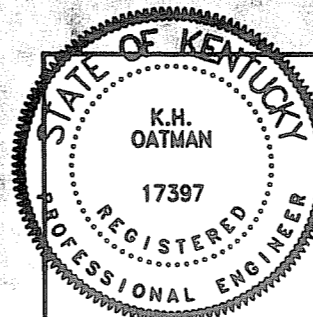
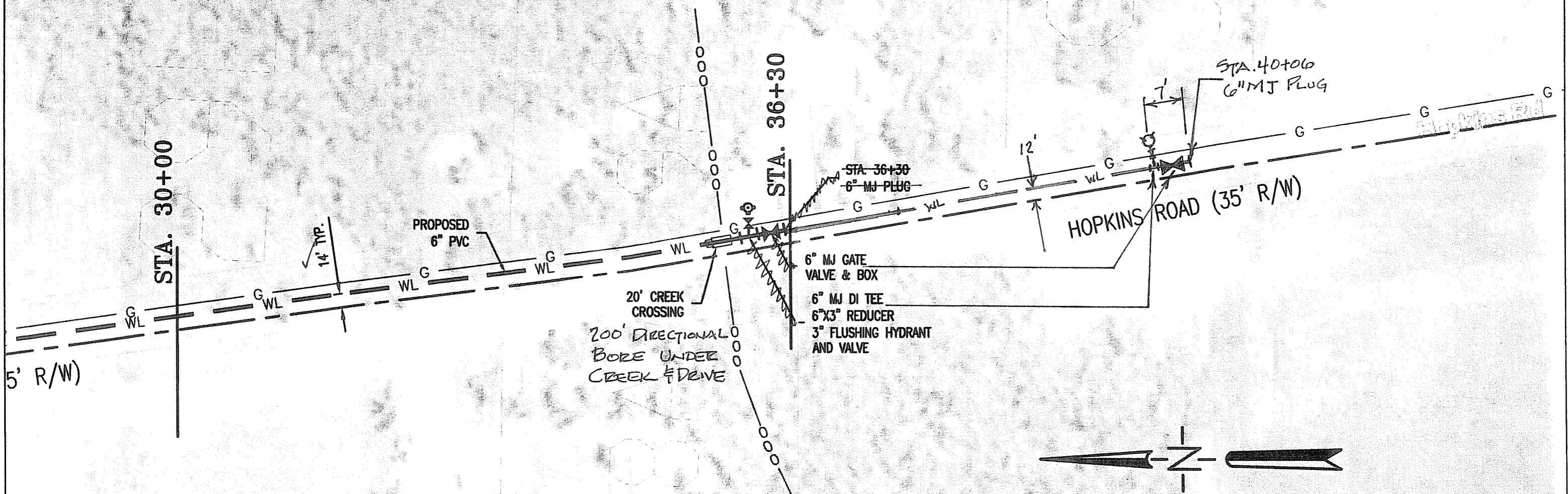
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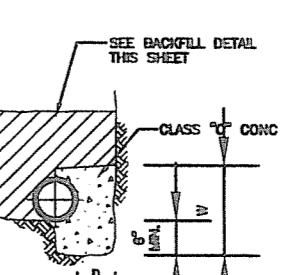
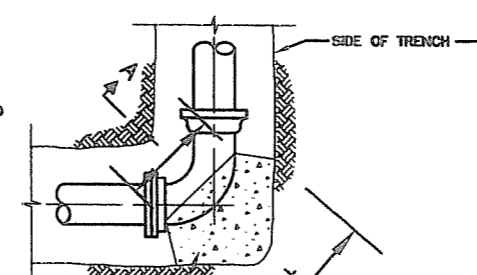
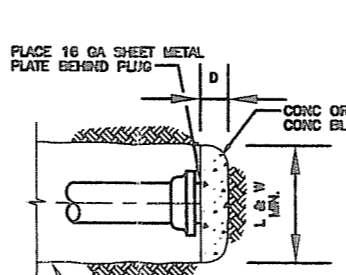
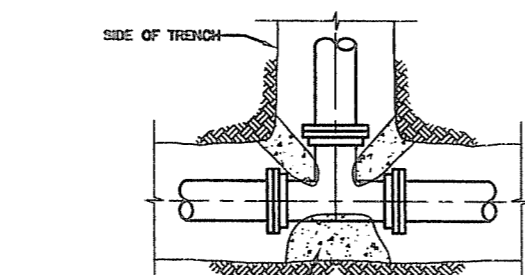
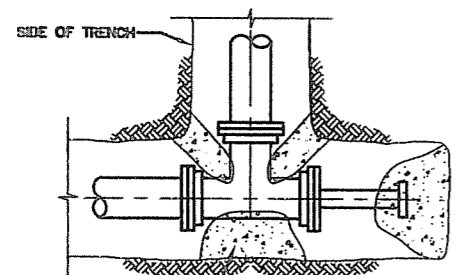
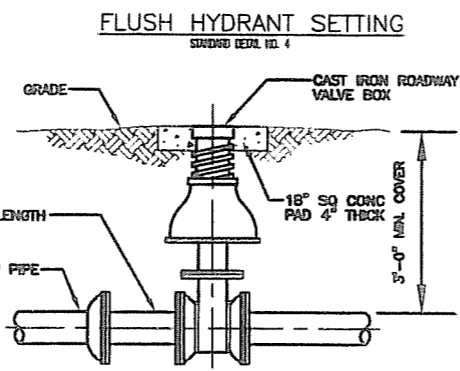
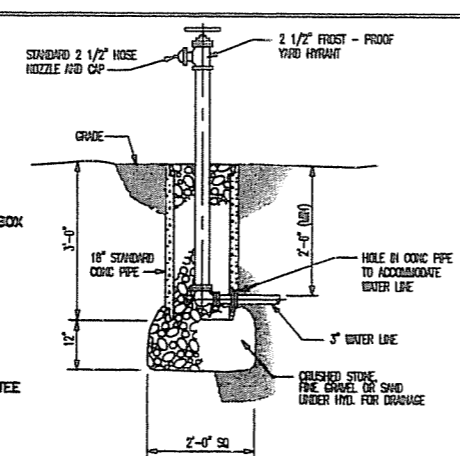
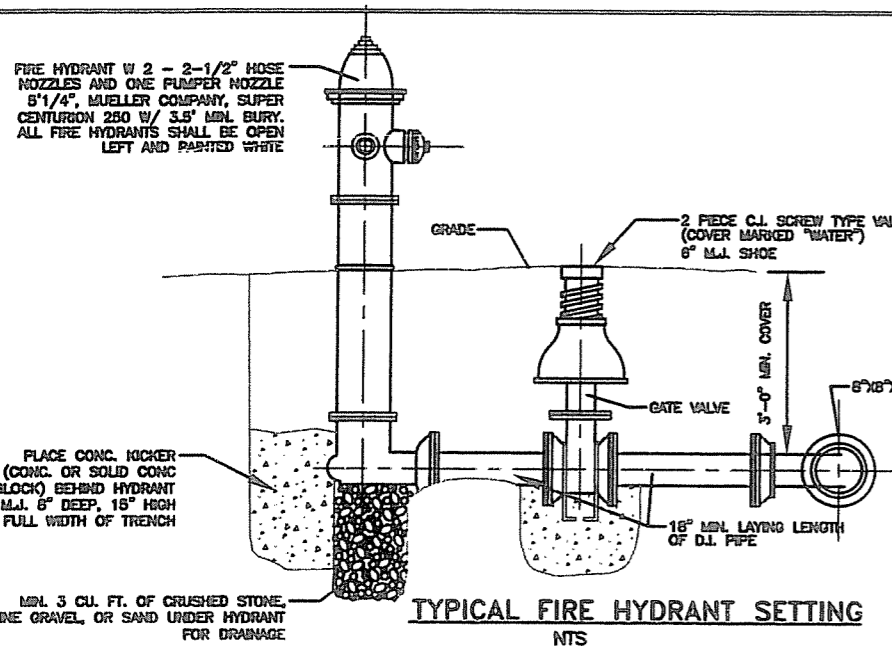
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**DEXTER ALMO WATER DISTRICT  
 HOPKINS ROAD  
 WATER MAIN EXTENSION**

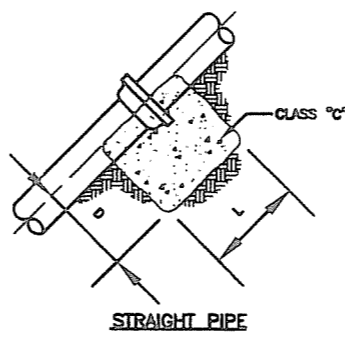
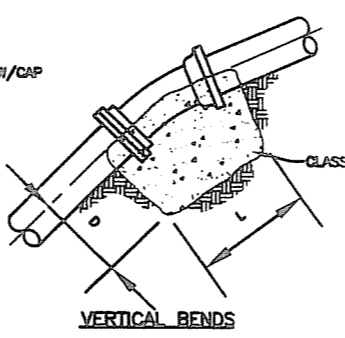
**KIM H. OATMAN  
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 133 PINE CREEK DRIVE  
 PADUCAH, KY 42001**

7/30/12    1" = 100'    4 OF 6

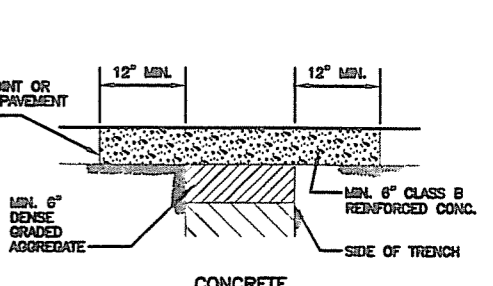
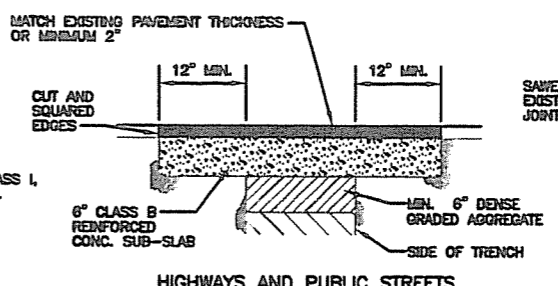
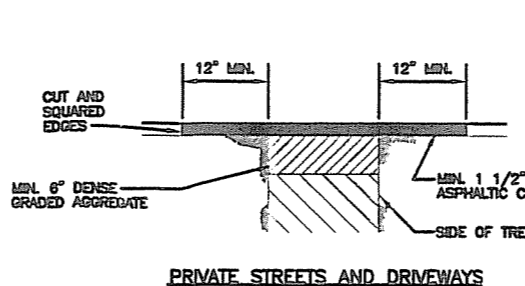
"As-Built"



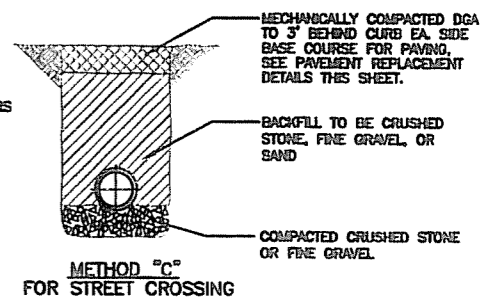
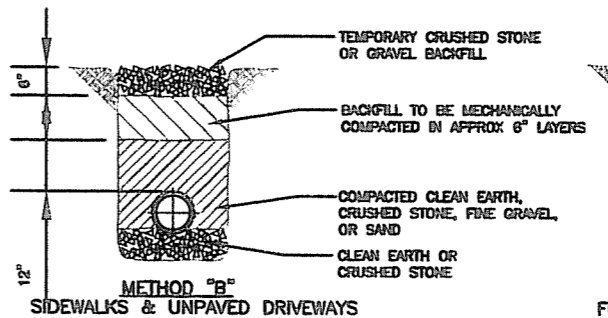
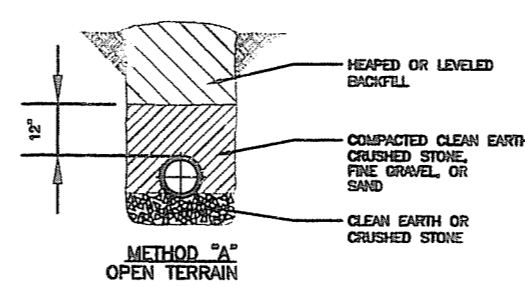
**CONCRETE THRUST BLOCKS**  
NTS



**CONCRETE ANCHOR BLOCKS**  
NTS



**PAVEMENT REPLACEMENT**



**BACKFILLING**

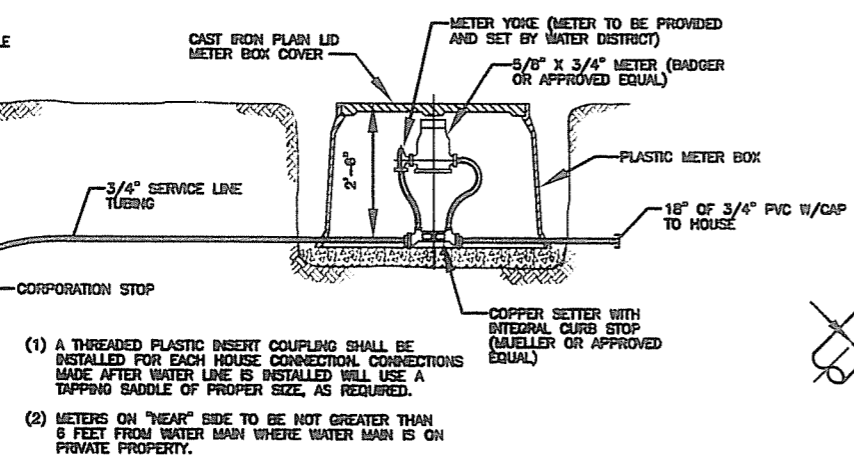
PLUGS							
SIZE	6"	8"	10"	12"	16"	18"	24"
D	6"	6"	6"	6"	10"	12"	14"
L & W	20"	22"	24"	24"	32"	36"	48"

45° EIGHTH BENDS							
SIZE	6"	8"	10"	12"	16"	18"	24"
D	6"	6"	6"	6"	6"	8"	10"
L	18"	20"	22"	24"	34"	40"	52"
T	16"	16"	18"	18"	28"	33"	46"
W	12"	14"	16"	18"	22"	25"	32"

90° QUARTER BENDS							
SIZE	6"	8"	10"	12"	16"	18"	24"
D	8"	10"	12"	12"	12"	16"	20"
L	24"	27"	30"	34"	48"	51"	70"
T	16"	18"	20"	22"	36"	40"	50"
W	12"	16"	20"	24"	28"	34"	44"

VERTICAL BEND & STRAIGHT PIPE							
SIZE	6"	8"	10"	12"	16"	18"	24"
D	15"	15"	18"	18"	21"	21"	24"
L	24"	24"	30"	30"	36"	36"	42"

NOTE: ALL PIPE SHALL BE ANWWA C900 SDR 18 WITH PUSH TYPE JOINTS



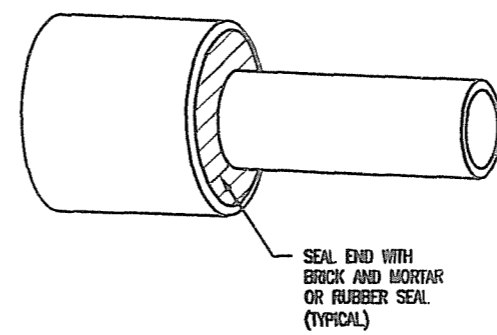
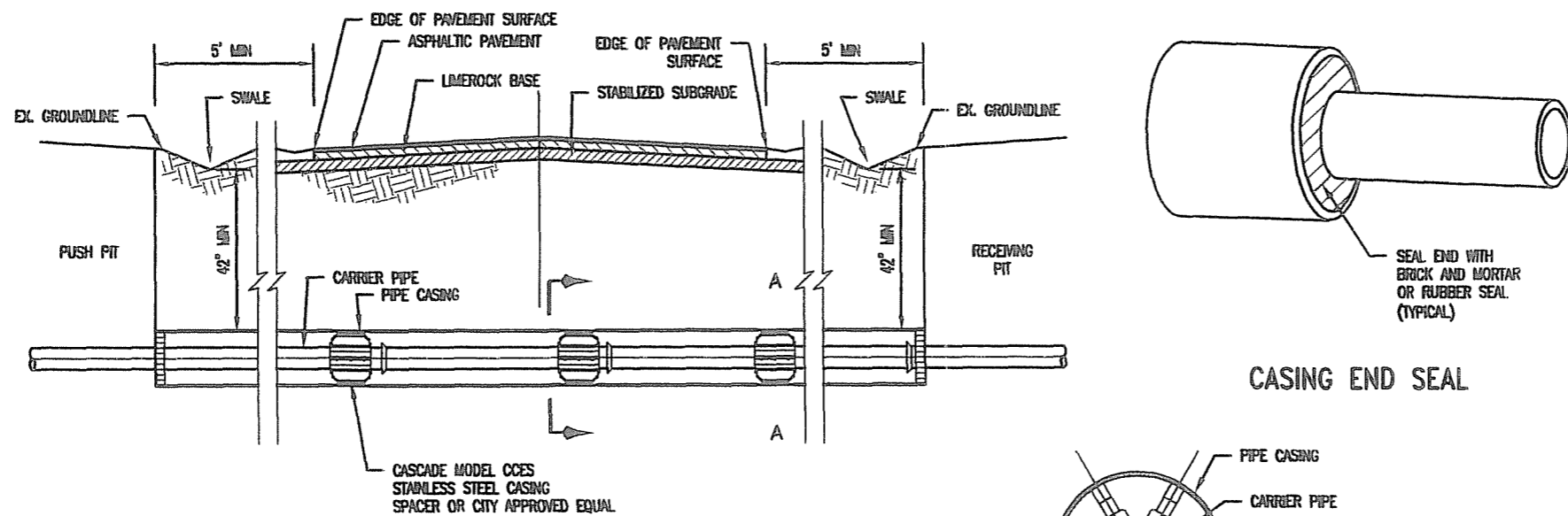
- (1) A THREADED PLASTIC INSERT COUPLING SHALL BE INSTALLED FOR EACH HOUSE CONNECTION. CONNECTIONS MADE AFTER WATER LINE IS INSTALLED WILL USE A TAPPING SADDLE OF PROPER SIZE, AS REQUIRED.
- (2) METERS ON "NEAR" SIDE TO BE NOT GREATER THAN 6 FEET FROM WATER MAIN WHERE WATER MAIN IS ON PRIVATE PROPERTY.



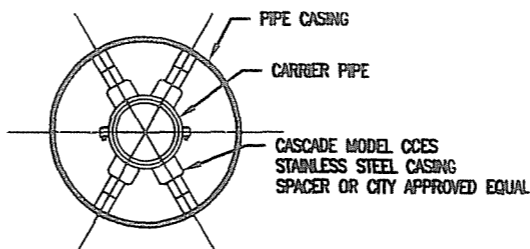
**DEXTER ALMO WATER DISTRICT**  
HOPKINS ROAD  
WATER MAIN EXTENSION

**KIM H. OATMAN**  
PROFESSIONAL ENGINEER  
133 PINE CREEK DRIVE  
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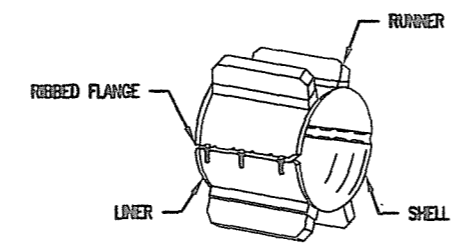




CASING END SEAL



SECTION A-A



SPACER

NOTE:  
ALL SIZES OF CASING PIPE AND THICKNESS SHALL  
COMPLY WITH 10-STATE STANDARDS.

**JACK AND BORE DETAIL**

NTS

**JACK AND BORE NOTES:**

1. PUSH PIT AND RECEIVING PIT SHALL BE BACKFILLED AND THOROUGHLY COMPACTED.
2. ALL DITCH LINES ARE TO REMAIN OPEN AT ALL TIMES.
3. SEED AND STRAW ALL DISTURBED AREAS IMMEDIATELY AFTER COMPLETING THE WORK.
4. PROVIDE TRAFFIC CONTROL AS REQUIRED TO INSURE THE SAFETY OF THE TRAVELING PUBLIC IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ALL SERVICES OVER 2" IN DIAMETER SHALL REQUIRE ENCASEMENT.



DEXTER ALMO WATER DISTRICT  
HOPKINS ROAD  
WATER MAIN EXTENSION

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