



NOTES:  
 1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR AS DIRECTED BY THE ENGINEER. SEE PLAN SHEET TT-1 FOR DETAILS.  
 2. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE DURING ALL EXCAVATION AND INSTALLATION OF WATER LINE ALONG EACH PRIVATE PROPERTY EASEMENT. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT OR AS DIRECTED BY THE ENGINEER.

NOTE:  
 1. CONTRACTOR SHALL EXPOSE EXISTING WATER LINE AT 100 FOOT INTERVALS. NEW WATER LINE TO BE PLACED PARALLEL TO AND WITHIN 6 FEET OF EXISTING WATER LINE.

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS  
 BRONSTON WATER ASSOCIATION  
 PULASKI & WAYNE COUNTIES, KENTUCKY  
 SUGAR HOLLAR ROAD WATER LINE REPLACEMENT



**Monarch Engineering, Inc.**  
 556 CARLTON DRIVE  
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		7
CHECKED BY: DSB	PROJECT: 2235		





STA. 0+00  
 CONNECT NEW 6-INCH WATER LINE TO EXISTING 6-INCH WATER LINE BY REMOVING EXISTING FLUSH HYDRANT AND CONNECTING DIRECTLY INTO THE EXISTING 6-INCH GATE VALVE.  
 LAT: 38°55'43.18" N  
 LONG: 84°38'49.25" W

CUT & CAP EXISTING 4-INCH WATER LINE

INSTALL 200 LF OF DIRECTIONAL BORE CREEK CROSSING FOR 8-INCH HDPE DR9 WATER LINE

INSTALL CONCRETE RESTRAINT WALL APPROXIMATELY 6'-FEET FROM END OF HDPE PIPING (TYP.) (SEE SHEET SD-1 FOR DETAILS.)

INSTALL 6-INCH GATE VALVE AND ISOLATION CHECK METER

RECONNECT EXISTING METER TO NEW WATER LINE WITH NEW 3/4-INCH HDPE SERVICE LINE AND FITTINGS (TYP.)

TRANSITION FROM 6-INCH PVC SDR 17 WATER LINE TO 8-INCH HDPE DR9 WATER LINE

TRANSITION FROM 6-INCH HDPE DR9 WATER LINE TO 6-INCH PVC SDR 17 WATER LINE

TRANSITION FROM 6-INCH PVC SDR 17 WATER LINE TO 6-INCH HDPE DR9 WATER LINE

INSTALL 6-INCH GATE VALVE

INSTALL 200 LF OF DIRECTIONAL BORE CREEK CROSSING FOR 8-INCH HDPE DR9 WATER LINE

INSTALL 6-INCH PVC SDR 17 WATER LINE

STA. 0+00  
 INSTALL 3-INCH GATE VALVE

INSTALL 40 LF OF BORE & CASE FOR 3-INCH WATER LINE

INSTALL 3-INCH PVC SDR 17 WATER LINE

STA. 4+30  
 INSTALL 3-INCH BLOWOFF ASSEMBLY

UNDERGROUND UTILITIES SHOWN WITHIN THE KENTUCKY TRANSPORTATION CABINET'S RIGHT OF WAY SHALL NOT BE PLACED IN FILL AREAS AND SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 42-INCHES. IN ALL OTHER CASES A MINIMUM DEPTH OF COVER OF 30-INCHES SHOULD BE MAINTAINED. FLUSH HYDRANTS OR UTILITY SERVICE BOXES SHOULD BE LOCATED WITHIN TWO (2) FEET FROM THE EDGE OF RIGHT-OF-WAY LINE, OR OFF RIGHT-OF-WAY

NOTE:  
 1. CONTRACTOR SHALL EXPOSE EXISTING WATER LINE AT 100 FOOT INTERVALS. NEW WATER LINE TO BE PLACED PARALLEL TO AND WITHIN 6 FEET OF EXISTING WATER LINE.

ALTERNATE NO. 1

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS  
 BRONSTON WATER ASSOCIATION  
 PULASKI & WAYNE COUNTIES, KENTUCKY  
 KENTUCKY HIGHWAY 790 WATER LINE REPLACEMENT



**M** Monarch Engineering, Inc.  
 556 CARLTON DRIVE  
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		8
CHECKED BY: DSB	PROJECT: 2235		





INSTALL 6-INCH PVC SDR 17 WATER LINE

ABANDONED OIL WELL

EXISTING METER (TYP.)

LIBERTY BAPTIST CHURCH

GANZIE KEITH

LORRAINE KEITH

FLOYD & LYDA CASADA

ERIC SCOTT & KELLI R. KEITH

BRONSTON WATER ASSOCIATION

ERIC SCOTT KEITH & KELLI RENA MIZE

KENTUCKY HIGHWAY 790

KENTUCKY HIGHWAY 790  
M.P. 9.23

INSTALL 6-INCH GATE VALVE

EXISTING PUMP STATION

STA. 58+00  
CONNECT NEW 6-INCH WATER LINE TO EXISTING 4-INCH WATER LINE WITH 6-INCHx4-INCH REDUCER AND 4-INCHx4-INCH TAPPING SLEEVE AND VALVE.

BILLY BLACK

BILLY BLACK

BILLY BLACK

ERIC SCOTT & KELLI R. KEITH

RECONNECT EXISTING 3-INCH METER TO NEW WATER LINE WITH NEW 3-INCH PVC SDR 17 WATER LINE

CUT & CAP EXISTING 4-INCH WATER LINE

INSTALL 40 LF OF BORE & CASE FOR 2-INCH WATER LINE

CONNECT NEW 6-INCH WATER LINE TO EXISTING 4-INCH WATER LINE WITH 6-INCHx4-INCH REDUCER AND 4-INCHx4-INCH TAPPING SLEEVE AND VALVE.

LIBERTY CEMETERY ROAD

DARRELL & JESSICA D. SIMPSON

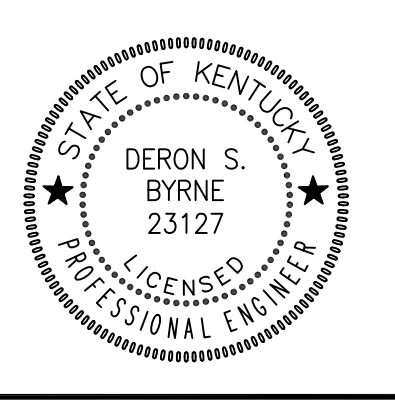
JOHN HEADLEY

UNDERGROUND UTILITIES SHOWN WITHIN THE KENTUCKY TRANSPORTATION CABINET'S RIGHT OF WAY SHALL NOT BE PLACED IN FILL AREAS AND SHALL BE INSTALLED WITH A MINIMUM DEPTH OF COVER OF 42-INCHES. IN ALL OTHER CASES A MINIMUM DEPTH OF COVER OF 30-INCHES SHOULD BE MAINTAINED. FLUSH HYDRANTS OR UTILITY SERVICE BOXES SHOULD BE LOCATED WITHIN TWO (2) FEET FROM THE EDGE OF RIGHT-OF-WAY LINE, OR OFF RIGHT-OF-WAY

NOTE:  
1. CONTRACTOR SHALL EXPOSE EXISTING WATER LINE AT 100 FOOT INTERVALS. NEW WATER LINE TO BE PLACED PARALLEL TO AND WITHIN 6 FEET OF EXISTING WATER LINE.

ALTERNATE NO. 1

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS  
BRONSTON WATER ASSOCIATION  
PULASKI & WAYNE COUNTIES, KENTUCKY  
KENTUCKY HIGHWAY 790 WATER LINE REPLACEMENT



**M** Monarch Engineering, Inc.  
556 CARLTON DRIVE  
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		9
CHECKED BY: DSB	PROJECT: 2235		