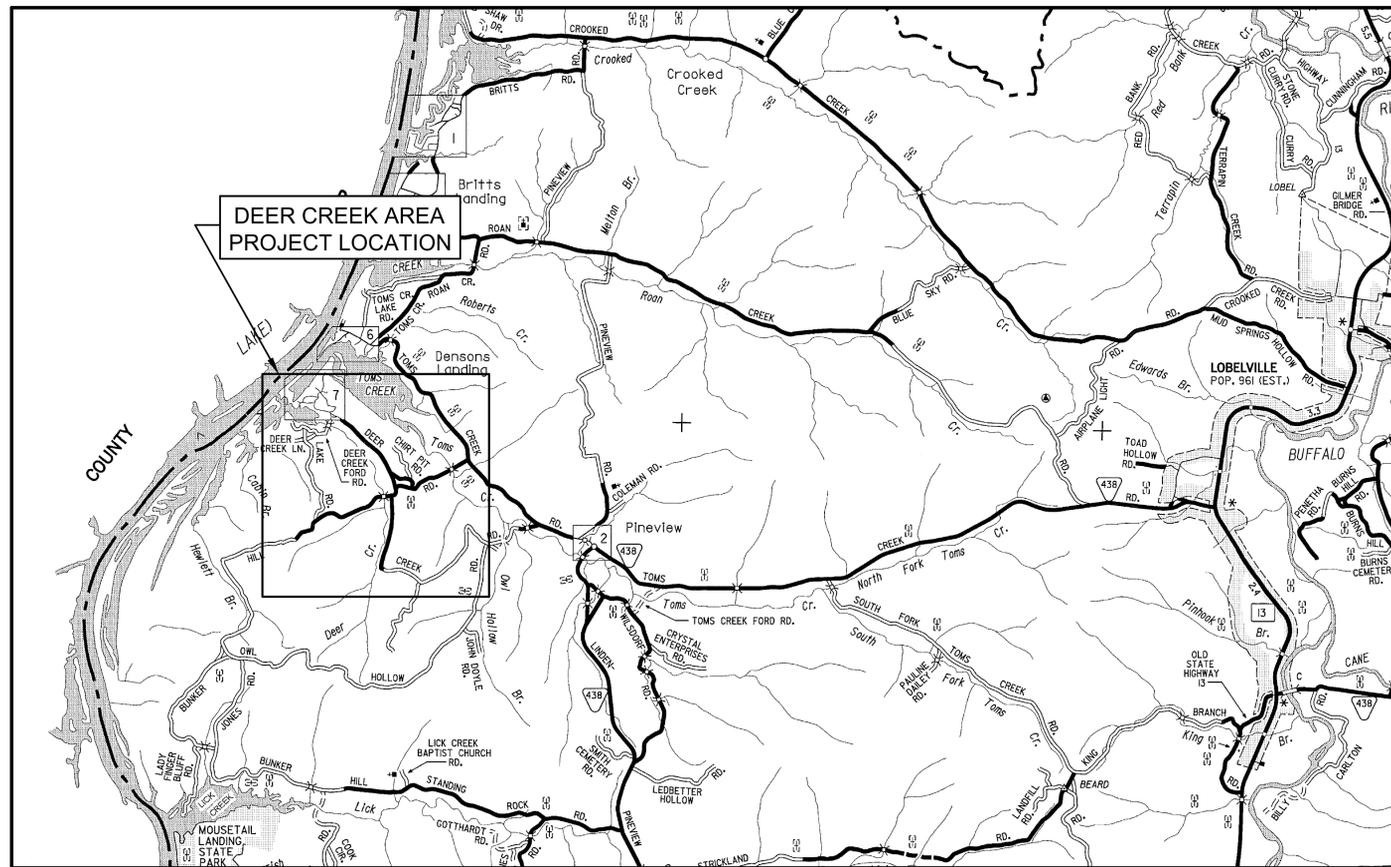


**GENERAL NOTES**

- THE CONTRACTOR SHALL RESTORE ALL CULVERTS, FENCES, WALLS, SMALL ORNAMENTAL TREES, CULTIVATED SHRUBS, FLOWERS, SIGNS, LIGHTS/POWER POLES, STREET MARKERS, MAIL BOXES, WATER/GAS LINES, WATER/GAS METERS & BOXES INCLUDING SHUT-OFFS, AND LAWNS DISTURBED BY CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITIONS. THE COST OF THIS WORK SHALL BE MERGED IN THE UNIT BID AND CONTRACT PRICES FOR THE PROPOSED WORK.
- WHEN IN EASEMENTS THE CONTRACTOR SHALL PROTECT AND RESTORE SAID PROPERTY TO CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION, EXCEPT AS NOTED.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. BEFORE CONSTRUCTION, CONTRACTOR SHALL CONTACT :  
  
TENNESSEE ONE CALL  
1-800-351-1111  
3 DAYS NOTICE
- CONTRACTOR SHALL CUT & CAP EXISTING WATER LINES AT LOCATIONS NOTED ON PLANS OR AS DIRECTED BY ENGINEER AFTER NEW LINE IS IN OPERATION & THE EXISTING HOUSE SERVICES HAVE BEEN RECONNECTED.
- CONTRACTOR SHALL NOT PLACE ANY VALVES OR OTHER ABOVE GRADE DEVICES IN ANY DITCH LINE ON STATE HIGHWAY RIGHT OF WAY.
- CONTRACTOR SHALL RECONNECT ALL EXISTING WATER METERS & FIRE HYDRANTS SHOWN ON PLANS & NOTED BY ENGINEER AFTER NEW WATER LINE IS IN OPERATION.
- IF ANY EXISTING STORM SEWERS ARE SUBSTANTIALLY DAMAGED AS DETERMINED BY THE A/E AND OR OWNER, THE REPAIR SHALL BE MADE WITH R.C. PIPE FROM STRUCTURE-TO-STRUCTURE. PIPE SIZE SHALL BE EQUAL TO EXISTING.
- SUFFICIENT PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION TO MINIMIZE THE RUN-OFF OF POLLUTING SUBSTANCES SUCH AS SILT, CLAY, FUELS, OILS, BITUMENS, CALCIUM CHLORIDE, OR OTHER POLLUTING MATERIALS HARMFUL TO HUMANS, FISH OR OTHER LIFE, INTO THE SUPPLIES AND SURFACE WATERS OF THE STATE. CONTROL MEASURES MUST BE ADEQUATE TO ASSURE THAT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS ARE MET. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE LAWS AND REGULATIONS ARE MET AND IS RESPONSIBLE FOR ENSURING THAT CONSTRUCTION DOES NOT HARM THE WATERS OF TENNESSEE. THE PROTECTION OF THE SITE SHALL CONTINUE THROUGHOUT THE CONSTRUCTION PERIOD. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION.
- THE TEMPORARY POLLUTION CONTROL PROVISIONS SHALL BE COORDINATED WITH THE PERMANENT EROSION CONTROL MEASURES, TO INSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS EROSION CONTROL THROUGHOUT THE CONSTRUCTION AND POST-CONSTRUCTION PERIOD OF THE PROJECT. NATURAL COVER SHOULD BE MAINTAINED AS LONG AS POSSIBLE AND GRADED AREAS SHOULD BE STABILIZED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS FROM THE APPROPRIATE FEDERAL, STATE, COUNTY AND/OR LOCAL AGENCIES TO CROSS ALL HIGHWAYS, STREETS, STREAMS, EASEMENTS, ETC...
- STATE HIGHWAY RIGHT-OF-WAY INFORMATION PROVIDED BY THE STATE OF TENNESSEE DEPARTMENT OF HIGHWAYS. IF THE R-O-W IS NOT ESTABLISHED BY DEED OR IF HIGHWAY PLANS ARE NOT AVAILABLE, THEN THE HIGHWAY IS CONSIDERED TO HAVE A STATUTORY RIGHT-OF-WAY. STATUTORY R-O-W'S ARE DETERMINED BY TOPO CHARACTERISTICS IN THE FIELD, SUCH R-O-W'S ARE USUALLY DESCRIBED AS EXTENDING FROM FENCELINE TO FENCELINE, DITCHLINE TO DITCHLINE, TO TOE OF SLOPE, TO TOP OF BANK, ETC... QUESTIONS CONCERNING R-O-W LOCATION ON ANY STATE HIGHWAY SHOULD BE REFERRED TO THE APPROPRIATE DISTRICT OFFICE OF THE STATE OF TENNESSEE DEPARTMENT OF HIGHWAYS.
- PROPERTY OWNERS AND PARCEL INFORMATION PROVIDED BY THE COUNTY PROPERTY VALUATION AUTHORITY.
- WATER LINE INFORMATION PROVIDED BY THE UTILITY.

**EROSION CONTROL NOTES:**

- All work shall be done in accordance with the Storm Water Pollution Prevention Plan (SWPPP).
- No work may proceed until a Notice of Coverage (NOC) has been issued by the State of Tennessee Department of Environment and Conservation.
- SWPPP must be available at the site for review at all times.
- At a minimum, the Contractor shall install silt fence on the downhill side of the proposed water line construction area.
- Contractor shall provide ditch checks as required.
- Contractor shall furnish and install temporary erosion control blanket/matting on all slopes greater than 2.5:1
- All areas to remain bare more than 15 days must be temporarily stabilized in accordance with the current Best Management Practices (BMP's).
- Erosion controls shall be checked and repaired if necessary at least twice each calendar week in accordance with the SWPPP.
- All erosion control measures utilized within State of Tennessee ROW's shall meet or exceed the TDOT requirements.



**PROJECT AREA MAP**

SCALE: 1" = 5000'

**LEGEND**

EXISTING	NEW	
— w —	—	WATER LINE
— - - -	—	WATER SERVICE LINE
— [ ] —	—	CASING PIPE
— X —	—	CONC. ENCASE./CREEK X-ING
— [ ] —	—	VALVE
— [ ] —	—	WATER METER
— [ ] —	—	WATER SERVICE SYMBOL W/CUSTOMER NO.
— [ ] —	—	FIRE HYDRANT
— [ ] —	—	BLOW OFF ASSEMBLY
— [ ] —	—	MANUAL AIR BLEED VALVE
— [ ] —	—	AIR RELEASE/AIR VACUUM VALVE
— [ ] —	—	PRESSURE REDUCING VALVE
— [ ] —	—	TEST METER BY-PASS
— [ ] —	—	REDUCER
— [ ] —	—	CULVERT PIPE
— [ ] —	—	WATER LINE TO BE ABANDONED
— [ ] —	—	CUT & CAP EXISTING LINE
— [ ] —	—	CUT & PLUG EXISTING LINE
— G —	—	GAS LINE
— [ ] —	—	GAS VALVE
— OHT —	—	UNDERGROUND TELE. LINE
— [ ] —	—	TELEPHONE PEDESTAL
— UGE —	—	UNDERGROUND ELEC. LINE
— [ ] —	—	POWER POLE
— [ ] —	—	GUY POLE
— SD —	—	STORM DRAIN LINE
— [ ] —	—	STORM DRAIN INLET
— [ ] —	—	HEADWALL OR INLET WALL
— [ ] —	—	CREEK OR DITCH
— [ ] —	—	FENCE ROW
— [ ] —	—	PROP. LINE/RIGHT OF WAY
— [ ] —	—	PARCEL NUMBER

**CALL BEFORE YOU DIG**

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION. THE LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

TENNESSEE ONE CALL SYSTEM  
IN  
TENNESSEE  
CALL  
1 - 800 - 351-1111  
THREE WORKING DAYS BEFORE YOU DIG

THIS RECORD DOCUMENT HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY THE CONSTRUCTION CONTRACTOR, GRW ENGINEERS, INC. HAS ATTEMPTED TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION BUT SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

**GRW**  
engineering | architecture | geospatial  
www.grwinc.com  
ENGINEER/ARCHITECT: JAMES W. HILBORN  
CONSTRUCTION COMPANY: WARD CONSTRUCTION  
DATE: MAY 5, 2014

This document, originally issued, sealed, and signed by James W. Hilborn, Kentucky Professional Engineer, No. 16514, on March 14, 2011, shall not be used in lieu of a certified document.

GRW PROJECT NO. 3827-02

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**GENERAL NOTES, LEGEND  
PROJECT AREA MAP**

WATER LINE EXTENSION  
CITY OF LOBELVILLE AND PERRY COUNTY TENNESSEE

DESIGNED	DRAWN	REVIEWED	APPROVED
JWH	SG	JWH	JWH

DATE: JULY 2010  
SCALE: AS NOTED  
SHEET NO.

**C-01**