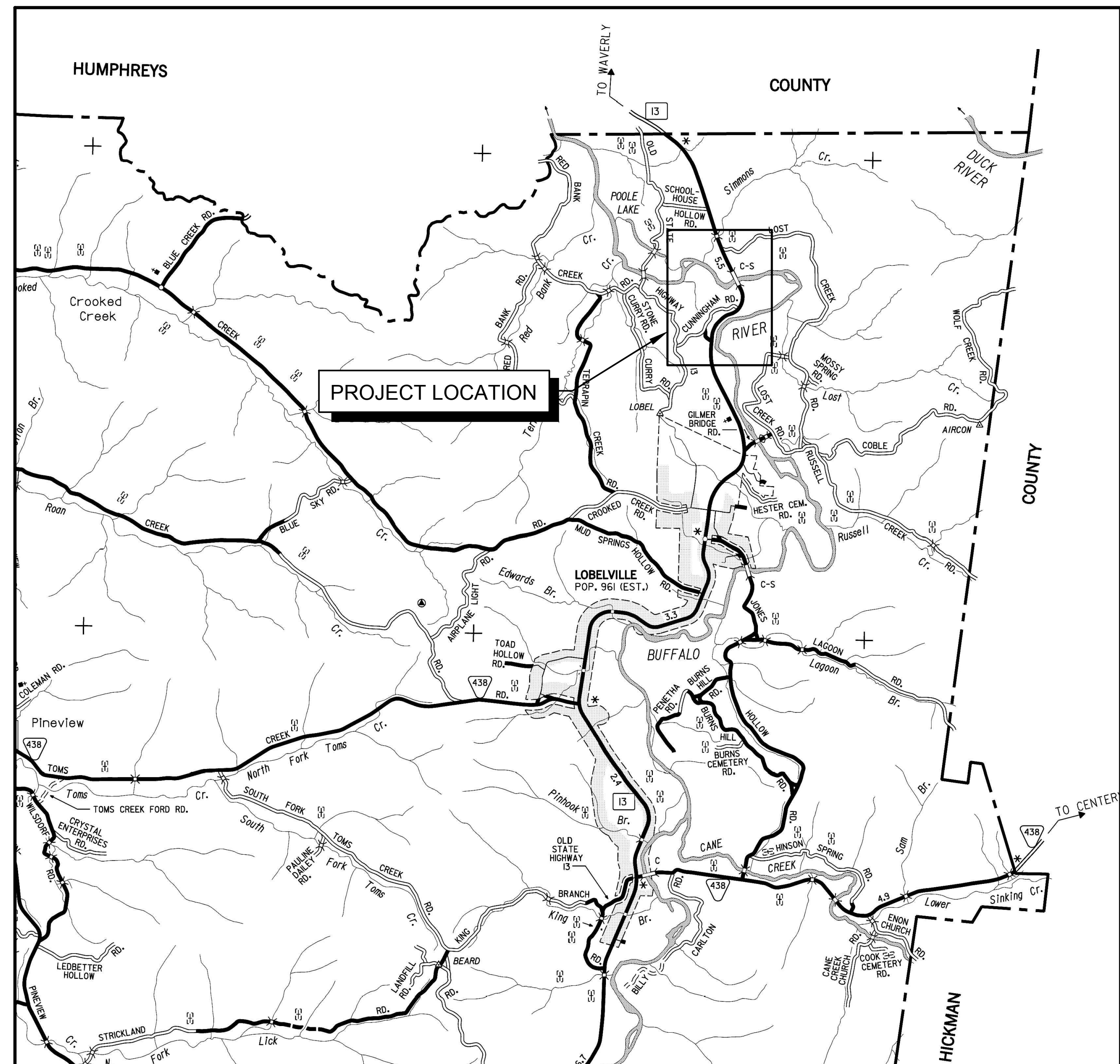


### GENERAL NOTES

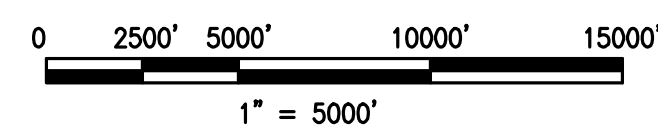
1. THE CONTRACTOR SHALL RESTORE ALL CULVERTS, FENCES, WALLS, SMALL ORNAMENTAL TREES, CULTIVATED SHRUBS, FLOWERS, SIGNS, LIGHTS/POWER POLES, STREET MARKERS, MAIL BOXES, WATER/GAS LINES, WATER/GAS METERS & BOXES INCLUDING SHUT-OFFS, AND LAWNS DISTURBED BY CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITIONS. THE COST OF THIS WORK SHALL BE MERGED IN THE UNIT BID AND CONTRACT PRICES FOR THE PROPOSED WORK.
2. 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.
3. 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
4. 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.
5. CONTRACTOR SHALL NOT PLACE ANY VALVES OR OTHER ABOVE GRADE DEVICES IN ANY DITCH LINE ON STATE HIGHWAY RIGHT OF WAY.
6. CONTRACTOR SHALL RECONNECT ALL EXISTING WATER METERS & FIRE HYDRANTS SHOWN ON PLANS & NOTED BY ENGINEER AFTER NEW WATER LINE IS IN OPERATION.
7. 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.
8. 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.
9. 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.
10. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FROM THE APPROPRIATE FEDERAL, STATE, COUNTY AND/OR LOCAL AGENCIES TO CROSS ALL HIGHWAYS, STREETS, STREAMS, EASEMENTS, ETC...
11. 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-WS ARE DETERMINED BY TOPO CHARACTERISTICS IN THE FIELD, SUCH R-O-WS ARE USUALLY DESCRIBED AS EXTENDING FROM FENCELINE TO FENCELINE, DITCHLINE TO DITCHLINE, TO OE 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.
12. PROPERTY OWNERS AND PARCEL INFORMATION PROVIDED BY THE COUNTY PROPERTY VALUATION AUTHORITY.
13. WATER LINE INFORMATION PROVIDED BY THE UTILITY.

TENNESSEE ONE CALL  
1-800-351-1111  
3 DAYS NOTICE



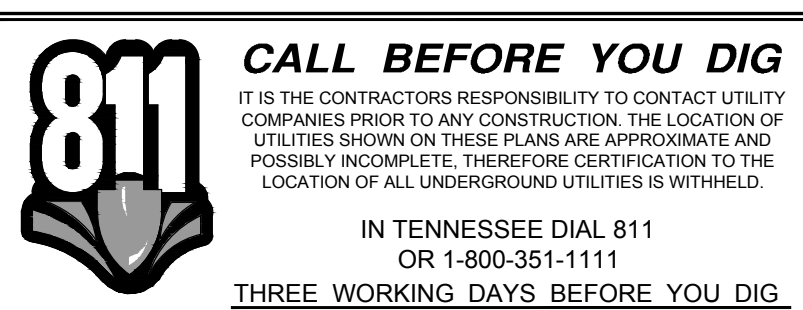
## PROJECT AREA MAP

SCALE: 1" = 5000'



### LEGEND

<u>EXISTING</u>		<u>NEW</u>		<u>EXISTING</u>		<u>NEW</u>
—	—	—	WATER LINE	— G —	—	GAS LINE
—	▨	▨	CASING PIPE	⊗	⊗	GAS VALVE
—	▬	▬	CONC. ENCASE./CREEK X-ING	— OHT —	—	UNDERGROUND TELE. LINE
—	▬	▬	UNCASED BORE	⌵	⌵	TELEPHONE PEDESTAL
—	⌵	⌵	VALVE	⌵	⌵	POWER POLE
—	■	■	WATER METER	⌵→	⌵→	GUY POLE
—	◆	◆	FIRE HYDRANT	← ...	← ...	CREEK OR DITCH
—	⌵	⌵	BLOW OFF ASSEMBLY	— x x —	— x x —	FENCE ROW
—	⌵	⌵	PRESSURE REDUCING VALVE	— - - —	— - - —	PROP. LINE/RIGHT OF WAY
—	▬	▬	CULVERT PIPE	050 002.01	050 002.01	PARCEL NUMBER
				☁	☁	DENSE FOLIAGE



# GENERAL NOTES, PROJECT AREA MAP AND LEGEND



ENGINEERS - ARCHITECTS - PLANNERS  
www.grwinc.com

STATE SUBMITTALS

GRW PROJECT NO. XXXX-XX	CLIENT PROJECT NO. XXXX	<p>ALL RIGHTS RESERVED.</p> <p>THIS DOCUMENT IS THE PROPERTY OF GRW ENGINEERS, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART OR USED FOR CONSTRUCTION OF ANY PROJECT WITHOUT WRITTEN PERMISSION.</p>
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REVISIONS			DESIGNED
NO.	DESCRIPTION	DATE	BY
			JWH
			DRAWN:
			SG
			REVIEWED:
			JWH
SCALE CHECK: _____ THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED			APPROVED: JWH

DATE:	OCTOBER 2010
SCALE:	AS NOTED
SHEET NO.	

C2