



**PROJECT LOCATION MAP**  
SCALE: 1" = 1 MILE

**ECOLOGY NOTES:**

- CONTRACTOR SHALL OBSERVE REGULATIONS REGARDING "TAKING" OF LEGALLY PROTECTED STATE OR FEDERALLY LISTED THREATENED OR ENDANGERED AQUATIC FAUNA AND/OR CRITICAL HABITAT.
- THE STATE THREATENED SADDLED MADTOM (NOTURUS FASCIATUS) HAS BEEN DOCUMENTED APPROXIMATELY 0.2 MILES FROM STREAM CROSSING # 7. THE OTHER PERENNIAL STREAMS TO BE CROSSED, SIMMONS CREEK, BUFFALO RIVER, AND AN UNNAMED TRIBUTARY TO THE BUFFALO RIVER ARE TO BE CROSSED BY HORIZONTAL DIRECTIONAL DRILLING. CROSSINGS OF WET WEATHER CONVEYANCES (CROSSING #2, CROSSING #5, CROSSING #6, AND CROSSING #8) WILL BE CONDUCTED BY OPEN CUT TRENCHING. THE STATE THREATENED SADDLED MADTOM (NOTURUS FASCIATUS) AND THE STATE THREATENED COPPERCHEEK DARTER (ETHEOSTOMA AQUALI) HAVE BEEN DOCUMENTED WITHIN THE REACH OF THE BUFFALO RIVER AND ITS TRIBUTARIES WHERE THESE CROSSINGS WILL OCCUR.
- CONTACT THE FOLLOWING AGENCIES PRIOR TO WORK UNDERNEATH BUFFALO RIVER:

ROBBIE SYKES  
SUPERVISORY FISH AND WILDLIFE BIOLOGIST  
U.S. FISH AND WILDLIFE SERVICE  
446 NEAL STREET  
COOKEVILLE, TN 38501  
tele. 931-525-4979

**EROSION & SEDIMENT 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.
- THE SWPPP SHALL 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 CONSTRUCTION AREA.
- CONTRACTOR SHALL PROVIDE DITCH CHECKS AS REQUIRED.
- CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY EROSION CONTROL BLANKET/MATTING ON ALL SLOPES GREATER THAN 4:1 UNLESS NOTED OTHERWISE.
- ALL AREAS TO REMAIN BARE MORE THAN 15 DAYS SHALL BE TEMPORARILY STABILIZED IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES (BMP'S).
- TDEC REGULATIONS REQUIRE THAT STABILIZATION MEASURES BE INITIATED WITHIN 7 DAYS AFTER CONSTRUCTION OR LAND DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY OR PERMANENTLY TERMINATED.
- THE ONLY EXCEPTIONS, FOR NOTE 8, ARE FOR CASES WHERE SNOW COVER, FROZEN GROUND, OR EXCESSIVELY WET CONDITIONS PRECLUDE INITIATION OF STABILIZATION OR WHERE LAND DISTURBANCE ACTIVITIES WILL BE RESUMED ON THAT PORTION OF THE SITE WITHIN 15 DAYS.
- EROSION CONTROL MEASURES SHALL BE CHECKED AND REPAIRED IF NECESSARY AT LEAST TWICE EACH CALENDAR WEEK IN ACCORDANCE WITH THE SWPPP. INSPECTIONS TO BE SPACED 72 HOURS APART.
- ALL EROSION CONTROL MEASURES UTILIZED WITHIN STATE OF TENNESSEE ROW'S SHALL MEET OR EXCEED THE TDOT REQUIREMENTS.

**GENERAL NOTES**

- THE CONTRACTOR SHALL RESTORE ALL CULVERTS, FENCES, WALLS, SMALL ORNAMENTAL TREES, CULTIVATED SHRUBS, FLOWERS, SIGNS, LIGHTS AND POWER POLES, STREET MARKERS, MAIL BOXES, WATER AND GAS LINES, WATER AND GAS METERS AND 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.
- WHERE 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 EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. BEFORE CONSTRUCTION, CONTRACTOR SHALL CONTACT :  
  
TENNESSEE811  
DIAL 811 (OR 1-800-351-1111)  
72 HOURS NOTICE
- CONTRACTOR SHALL NOT PLACE ANY VALVES OR OTHER ABOVE GRADE DEVICES IN ANY DITCH LINE ON STATE HIGHWAY RIGHT OF WAY.
- 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.P. 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 ENSURE 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 TRANSPORTATION. QUESTIONS CONCERNING R-O-W LOCATION ON ANY STATE HIGHWAY SHOULD BE REFERRED TO THE APPROPRIATE REGIONAL OFFICE OF THE STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION:
- PROPERTY OWNERS AND PARCEL INFORMATION OBTAINED FROM THE TENNESSEE COMPTROLLER OF THE TREASURY REAL ESTATE ASSESSMENT DATA WEBSITE (<http://www.assessment.state.tn.us/>).
- SEWER LINE INFORMATION PROVIDED BY THE CITY OF LOBELVILLE.
- COUNTY ROAD RIGHT-OF-WAY INFORMATION PROVIDED BY THE COUNTY HIGHWAY DEPARTMENT. QUESTIONS CONCERNING R-O-W LOCATION ON ANY COUNTY ROAD SHOULD BE REFERRED TO THE COUNTY HIGHWAY DEPARTMENT.

EXISTING	NEW	
— PS —	—■—	PUMP STATION
— S —	—▲—	SANITARY SEWER / FORCE MAIN
— S —	—▲—	SANITARY SEWER FLOW DIRECTION
— (M) —	—●—	STANDARD SEWER MANHOLE
— (N) —	—●—	NEW SEWER DROP MANHOLE
— (PRV) —	—●—	PRESSURE REDUCING VALVE
— (A) —	—●—	AIR RELEASE / AIR VACUUM VALVE
— (C) —	—■—	CASING PIPE
— (E) —	—■—	CONC. ENCASEMENT / CREEK CROSSING
— (C) —	—■—	CULVERT PIPE
— W —	—■—	EXIST. WATER LINE
— G —	—■—	GAS LINE
— (G) —	—■—	GAS VALVE
— OHT —	—■—	UNDERGROUND TELEPHONE LINE
— UGE —	—■—	TELEPHONE PEDESTAL
— UGE —	—■—	UNDERGROUND ELECTRIC LINE
— P —	—■—	POWER POLE
— G —	—■—	GUY POLE
— L —	—■—	LIGHT POLE
— M —	—■—	MAIL BOX
— S —	—■—	SIGN
— H —	—■—	HIGHWAY / ROAD SIGN
— G —	—■—	GAS LINE MARKER
— F —	—■—	FIBER OPTIC CABLE / TELEPHONE MARKER
— T —	—■—	TREE
— CATV —	—■—	UNDERGROUND CABLE TV
— SD —	—■—	STORM DRAIN LINE
— SD —	—■—	STORM DRAIN DROP INLET
— H —	—■—	HEADWALL OR INLET WALL
— C —	—■—	CREEK OR DITCH
— F —	—■—	FENCE ROW
— P —	—■—	PROPERTY LINE/RIGHT OF WAY
— P —	—■—	PARCEL NUMBER
— P —	—■—	PROPERTY CORNER
— P —	—■—	IRON PIN

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ENGINEER/ARCHITECT: GRW ENGINEERS, INC.  
CONSTRUCTION COMPANY: Norris Bros Exca.LLC  
DATE: DEC 10 2019

SAMPLE SHEET NUMBER	DISCIPLINE LETTER	SHEET TYPE
A-1-101	G	GENERAL
	C	CIVIL
	M	SANITARY
	L	LANDSCAPE
	S	STRUCTURAL
	A	ARCHITECTURAL
	I	INTERIORS
F	FIRE PROTECTION	
P	PLUMBING	
H	HVAC	
E	ELECTRICAL	
I	INSTRUMENTATION & CONTROLS	

This document, originally issued, sealed, and signed by James W. Hillborn, Tennessee Professional Engineer, No. 16514, on Oct. 2018, shall not be used in lieu of a certified document.

GRW PROJECT NO. 4691-01

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GENERAL NOTES, PROJECT LOCATION MAP,  
LEGEND & EROSION SEDIMENT CONTROL NOTES  
I-40 INDUSTRIAL PARK SITE - 8" FORCE MAIN  
INDUSTRIAL DEVELOPMENT BOARD OF PERRY CO., TENNESSEE

REVISIONS	DATE	DESCRIPTION	DESIGNED	DRAWN	REVIEWED	APPROVED
NO			JWH	SH	JWH	JWH

DATE: OCTOBER 2018  
SCALE: AS NOTED  
SHEET NO.

**G-01**

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RECORD DRAWINGS