



**US Army Corps  
of Engineers.**

# Public Notice

Public Notice No. 09-81

Date: **November 13, 2009**

Nashville District

Application No. **200900128**

Expires: **December 13, 2009**

*Please address all comments to:* Regulatory Branch, 3701 Bell Road, Nashville, TN 37214-2660; ATTN: Forrest E. McDaniel

JOINT PUBLIC NOTICE  
US ARMY CORPS OF ENGINEERS  
AND  
TENNESSEE VALLEY AUTHORITY

SUBJECT: Proposed Discharge of Fill Material into Unnamed Tributaries and Wetlands adjacent to Battle Creek associated with the Construction of an Interstate Exit Ramp, Improvement of Existing Entry and Exit Ramps, Replacement of a Highway Bridge and Construction of a Flood Control Storage Basin at SR-27 (US-72) Interchange with I-24, Tennessee River Mile 418.6 Right Bank, Marion County, Tennessee (TDOT PIN 102236.00)

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit (DA) pursuant to **Section 404 of the Clean Water Act (CWA)**. The work also requires approval from Tennessee Valley Authority (TVA) pursuant to **Section 26A of the TVA Act** and certification from the Tennessee Department of Environment (TDEC) pursuant to Section 401 of the CWA. A permit for the described work will not be issued until a certification or waiver of certification, as required under **Section 401 of the CWA**, has been received from TDEC. The applicant has applied for the State certification by separate application.

Additionally, this project requires permission from TVA to grant a permanent easement over approximately 16.9 acres. The easement would be located on TVA planned parcels 166 and 167 as identified within the 2001 Gunterville Land Management Plan. Parcel 167 will require Board approval for an allocation change from industrial use operations to project operations so that the proposed use is consistent with the allocation.

APPLICANT: Tennessee Department of Transportation (TDOT)  
Suite 900, James K. Polk Building  
Nashville, TN 37243

LOCATION: Adjacent Wetlands to Battle Creek near SR-27 (US-72) Interchange with I-24. Battle Creek is a tributary of the Tennessee River Mile 418.6 Right Bank, Marion County, Tennessee (Latitude 35.0404° N., Longitude -85.6880° W) USGS quad maps for South Pittsburg, TN (100-W)

DESCRIPTION: The purpose of this proposed project is to improve an existing interchange which provides access between I-24 and U.S. Route 72. The project calls for the construction of a new directional ramp, improvement of existing acceleration/deceleration ramps, replacing the existing bridge and the construction of a flood control storage basin.

This interchange is located just south of Kimball, Tennessee and approximately 30 miles west of Chattanooga. There are currently four ramps which provide access between I-24 and US-72. Three of these are directional ramps and one is a loop ramp. All of the ramps are geometrically insufficient, except for the ramp from I-24 Eastbound to US-72. The three deficient ramps lengths at I-24 are shorter than TDOT current guidelines specify. Constructing another directional ramp from I-24 Westbound to US-72 Northbound in the Northeast quadrant of this interchange is proposed to reduce the traffic volume on the loop ramp. Proposed construction would require impacts to 378 feet of unnamed tributaries to Battle Creek and 7.5 acres of permanent impacts to adjacent wetlands.

PROPOSED WORK: The proposed project would fill sections of two jurisdictional wetland areas (total permanent impact 7.5 acres; total temporary impact 1.53 acres), and the construction of two culvert extensions, one stream relocation, and three utility crossings (6" gas line, 8" water line and 6" force sewer line). The project involves the placement of fill material into the floodplain and requires an offset for the loss of flood storage capacity. Proper silt barriers are to be used at all drainage area during construction.

Plans of the proposed work and a location maps are attached to this notice.

STREAM MITIGATION: Stream impacts (48 ft rock fill channel, 16 ft of encapsulation, and 189 ft riprap lined channel) would be mitigated by payment of \$41,200 to the in-lieu fee stream mitigation program. The 125 ft of open channel stream impacts would include tree plantings as shown on the proposed plans with a guaranteed survivorship of 75% for five years.

WETLAND MITIGATION: Compensatory wetland mitigation for the placement of fill in 7.5 acres would be offsite on a 22.83 acre parcel off Shelton Road in Marion County, Tennessee to be managed and constructed by MRW Environmental, LLC. TDOT proposes to mitigate the permanent wetland impacts by creating wetlands at a 2:1 ratio or 15 acres of mitigation. However, if successful this site will generate a total of 22.83 acres of wetlands, resulting in 7.83 acres of potential surplus mitigation for other wetland impacts associated with future TDOT roadway construction projects within the watershed (to be coordinated for approval at a later

date). The constructed wetlands would be clearly marked as a mitigation site by signage. The wetlands would be monitored for hydrology and tree survivorship of 75% for five years with reports submitted to the state and Corps annually by October 31. Temporary impacts would be mitigated by returning the affected area to original elevation using reserved wetland soils and reseeding with hydrophilic plant species. Location of the proposed mitigation site is attached to this notice, (Latitude 35.0885° N., Longitude -85.5512° W) USGS Topographic Map: Sequatchie, TN

BACKGROUND INFORMATION: The Town of Kimball is concerned about backwater flooding of the commercial area from the Tennessee River and is a participant in the FEMA Flood Insurance Program. There are base flood elevations determined for Battle Creek and Kimball Cove Branch but no floodways have been established for these streams in the published flood study for the Town of Kimball dated May 19, 1987. The controlling elevations at this location would be from Battle Creek and the Tennessee River, Gunter'sville Reservoir. The 100 and 500 year flood elevations at the interchange location are 613.6 and 616.7 (NGVD 1929), respectively according to TVA data.

The proposed roadway elevations are above the flood stages for Battle Creek and Tennessee River, but fill material will have to be placed within the flood control storage zone, to construct the roadways and ramps. The flood control storage zone is between elevations 593.0 and 616.7 with an estimated fill of 71,776 cubic yards (44.5 acre-ft). This volume is greater than the net loss of 1 acre-foot of flood control storage allowable by TVA, using its standard methods for such calculations, therefore the mitigation plan described below was prepared by TDOT Hydraulic and Design section.

PROPOSED MITIGATION PLAN FOR FLOOD CONTROL STORAGE LOSS: TDOT proposes to mitigate the fills in the flood control storage zone by excavating material in the TVA property in the north east quadrant of the interchange and hauling it upland. An average depth of approximately 3.0 ft over the 14.86 acres site will offset the calculated fill volumes. The material excavated will not likely be suitable road fill material, so it must be hauled away from the project site.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and

wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested DA Permit.

Endangered Species: TDOT received coordination letters from the U.S. Fish and Wildlife Service (USFWS) dated December 11, 2007 stated that no significant adverse impacts to federally listed endangered or threatened species are anticipated from this proposal. A search of the TDEC, Division of Natural Areas database conducted on February 28, 2006 and updated on July 16, 2007 and September 24, 2009 indicated that there are two protected species within a one mile radius and twelve protected species within one to four mile radius of the project area. A TDOT email was sent to TWRA on January 8, 2008, requesting their comments regarding the animal species; in a response dated January 24, 2008, TWRA stated that BMPs would be sufficient to minimize impacts to rare species for this project. Therefore, the Corps has reached a no effect determination, and initiation of formal consultation procedures with the USFWS is not planned at this time.

Cultural Resources: A SHPO letter to TDOT dated December 16, 2002, stated that the area of potential effect for this undertaking contains no cultural resources eligible for listing in the National Register of Historic Places. This review constitutes the

full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Other federal, state, and/or local approvals required for the proposed work are as follows:

TVA approval is also required under Section 26a of the TVA act for the proposed work. Additionally, this project will require a TVA easement over approximately 16.9 acres located on parcels 166 and 167 of the Guntersville Land Management Plan. Currently Parcel 166 is allocated for sensitive resource management and Parcel 167 is allocated for industrial use. Approximately 2 acres of Parcel 166 and 14.9 acres of Parcel 167 will be utilized for this project. Parcel 167 will require Board approval for an allocation change from industrial use operations to project operations so that the proposed use is consistent with the allocation. See the attached maps for the location of the easement and the re-allocation of Parcel 167. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.

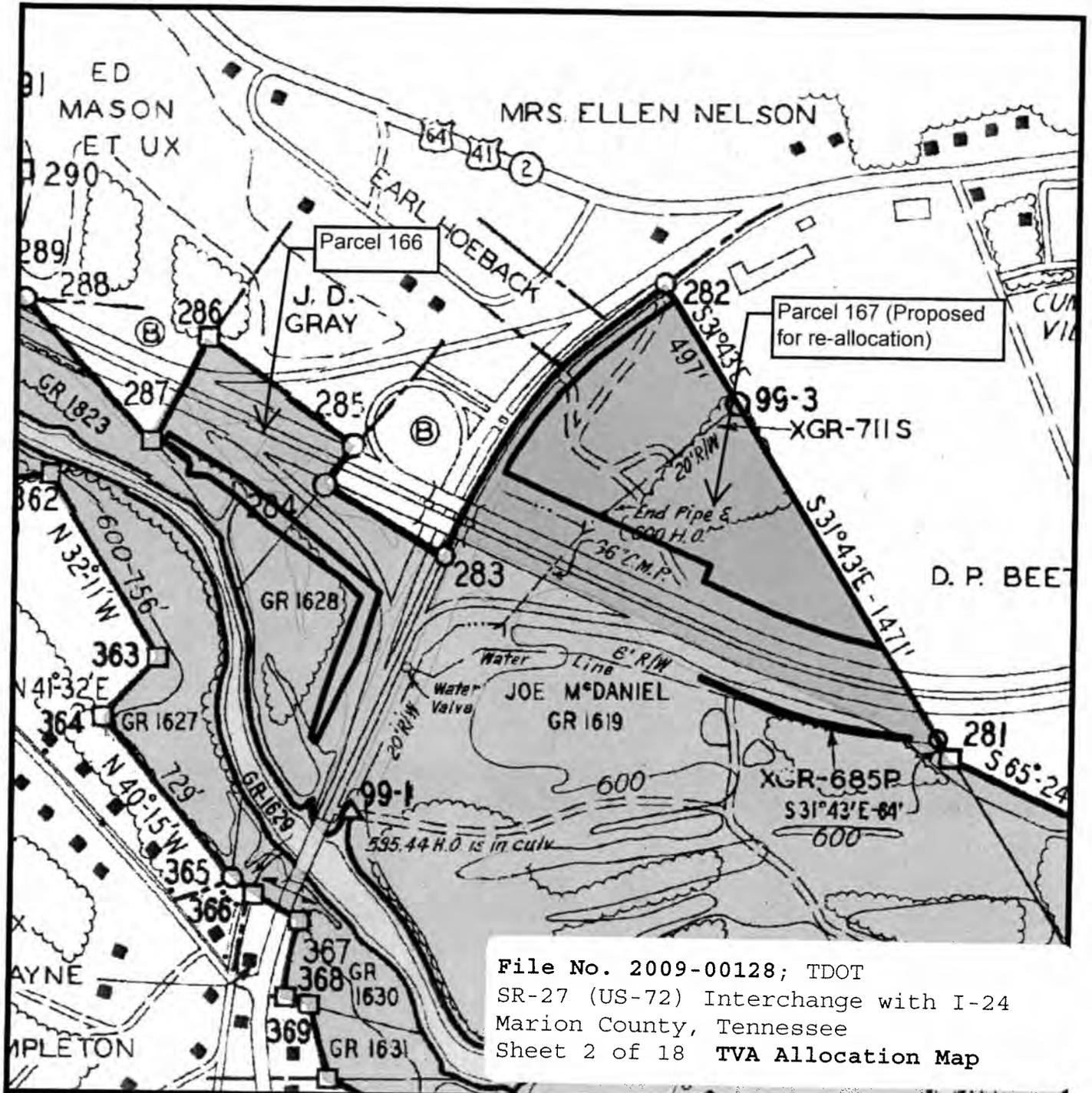
Water Quality Certification or waiver of certification, from TDEC is required for the proposed work in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before **December 13, 2009**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Forrest E. McDaniel, at the above address, telephone (615) 369-7511. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to Lesley White, Tennessee Valley Authority, 3696 Alabama Highway 69, Guntersville, AL 35976, Telephone (256) 571-4293, Fax: (256) 571-4282

If you received this notice by mail and wish to view all of the diagrams, visit our web site at:  
<http://www.lrn.usace.army.mil/cof/notices.htm>.





File No. 2009-00128; TDOT  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee  
 Sheet 2 of 18 TVA Allocation Map

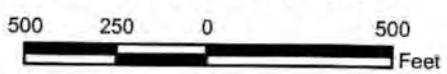
**Exhibit Map**  
**Guntersville Reservoir**  
**Current Allocation**  
 Tennessee Department of Transportation  
**XTGR-181H**  
 TN River Mile 418.6 R

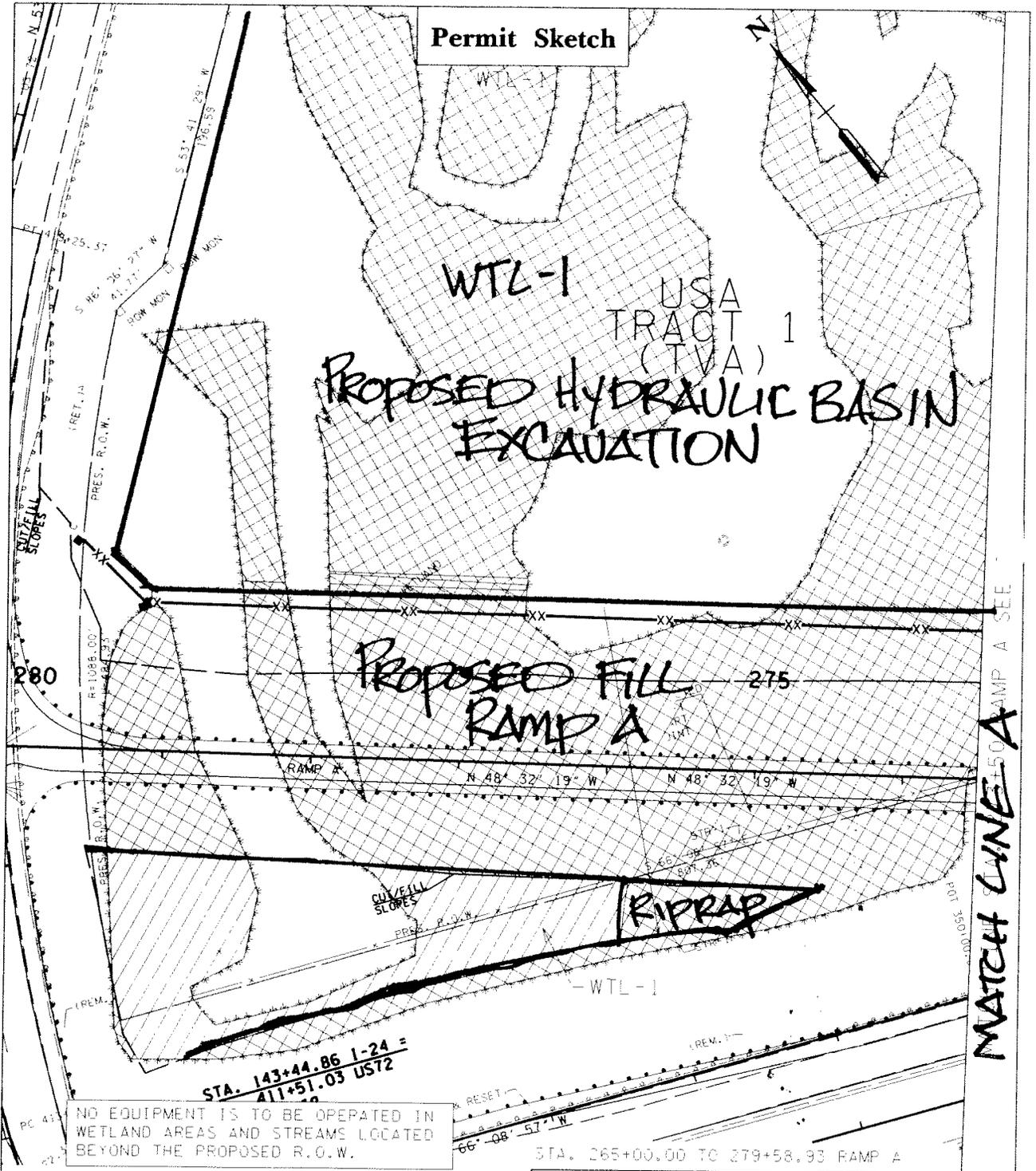
Map Reference:  
 C/D Stage: 99  
 Quad: 100 SW



Land and Water  
 Stewardship  
 April 23, 2009

- Sensitive Resource Management
- Industrial/Commercial
- Proposed Easement (Approx. 16.9 acres)





NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED R.O.W.



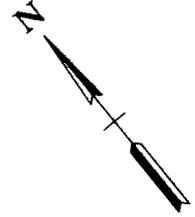
LEGEND	WETLAND IMPACTS
	AREA OF PERMANENT IMPACT = 7.38 AC. VOLUME OF PERMANENT IMPACT = 46611 C.F.
	AREA OF TEMPORARY IMPACT = 0.65 AC. VOLUME OF TEMPORARY IMPACT = 0 C.F.

APPLICATION BY:  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
ROAD & IMBALL TN 35085-A6-TF-024

File No. 2009-00128; TDOT  
SR-27 (US-72) Interchange with I-24  
Marion County, Tennessee  
Sheet 3 of 18 **Wetland Impacts**

**Permit Sketch**

1404



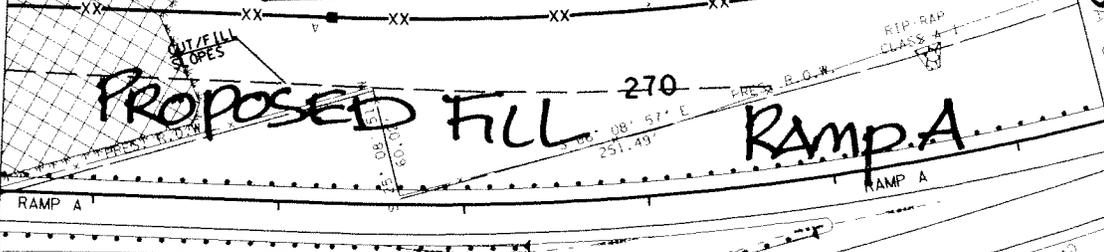
**PROPOSED HYDRAULIC BASIN EXCAVATION**

LEGEND	WETLAND IMPACTS
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	AREA OF TEMPORARY IMPACT = 0.65 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

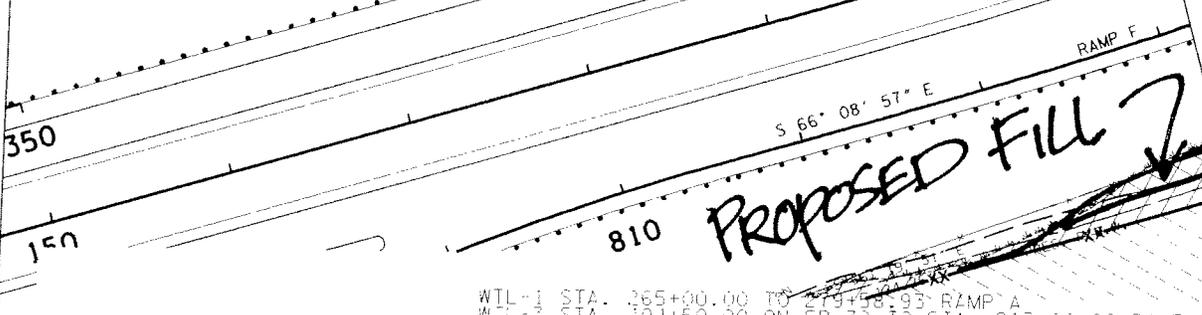
USA TRACT 1 (TVA)

MATCH LINE A SEE

MATCH LINE B SEE



NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED P.O.W.



WTL-1 STA. 265+00.00 TO 279+58.93 RAMP A  
WTL-3 STA. 404+50.00 ON SR-72 TO STA. 817+00.00 RAMP F



LEGEND	WTL-3 WETLAND IMPACTS
	AREA OF PERMANENT IMPACT = 0.12 AC. VOLUME OF PERMANENT IMPACT = 490 C.Y.
	AREA OF TEMPORARY IMPACT = 0.73 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

APPLICATION BY:  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
QUAD KIMBALL TN 35085-46-TF-024

**File No. 2009-00128; TDOT  
SR-27 (US-72) Interchange with I-24  
Marion County, Tennessee  
Sheet 4 of 18 Wetland Impacts**

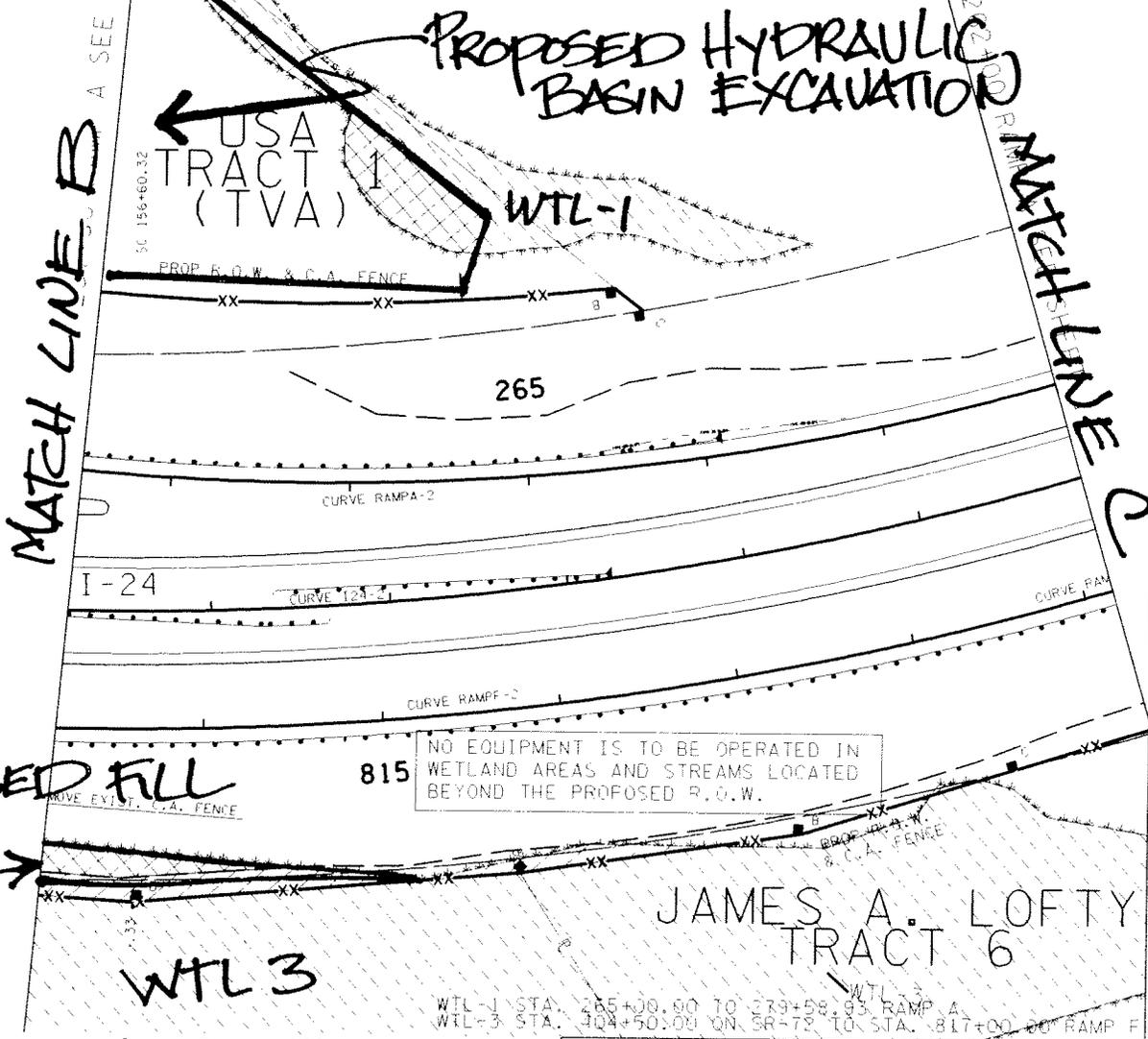
**Permit Sketch**

WTL-1 & WTL-3

1404



LEGEND	WTL-3 WETLAND IMPACTS
	AREA OF PERMANENT IMPACT = 0.12 AC. VOLUME OF PERMANENT IMPACT = 490 C.Y.
	AREA OF TEMPORARY IMPACT = 0.73 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.



NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED R.O.W.

LEGEND	WETLAND IMPACTS
	AREA OF PERMANENT IMPACT = 7.38 AC VOLUME OF PERMANENT IMPACT = 46611 C
	AREA OF TEMPORARY IMPACT = 0.65 AC VOLUME OF TEMPORARY IMPACT = 0 C

APPLICATION BY:  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
QUAD KIMBALL TN 35085-A6-TF-Q24

**File No. 2009-00128; TDOT**  
**SR-27 (US-72) Interchange with I-24**  
**Marion County, Tennessee**  
**Sheet 5 of 18**      **Wetland Impacts**

**Permit Sketch**

WTL-1 1404

WTL-1

LIMIT OF CONSTRUCTION  
 STA. 166+61.21  
 N 256821.35  
 E 2063291.01

MAINTENANCE LINE  
 20+00-261+44.00  
 20+00-261+44.00

WTL-1

260

CURVE RAMP A  
 CURVE 124+2

165

PE-2

820

CUT/FILL SLOPES

TIE PROP. C.A. FENCE  
 TO EXIST. C.A. FENCE  
 STA. 819+25.65  
 OFFSET 80.66

WTL-3

NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED R.O.W.



STA. 265+00.00 TO 279+58.93 RAMP A

APPLICATION BY:  
 TENNESSEE DEPARTMENT OF TRANSPORTATION  
 QUAD KIMBALL TN 35085-A6-TF-Q24

LEGEND	WETLAND IMPACTS
	AREA OF PERMANENT IMPACT = 7.38 AC VOLUME OF PERMANENT IMPACT = 46611 C
	AREA OF TEMPORARY IMPACT = 0.65 AC VOLUME OF TEMPORARY IMPACT = 6 C

**File No. 2009-00128; TDOT**  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee  
 Sheet 6 of 18 **Wetland Impacts**

DATE: 05/09/08

REVISED:

I 404

WTL-2

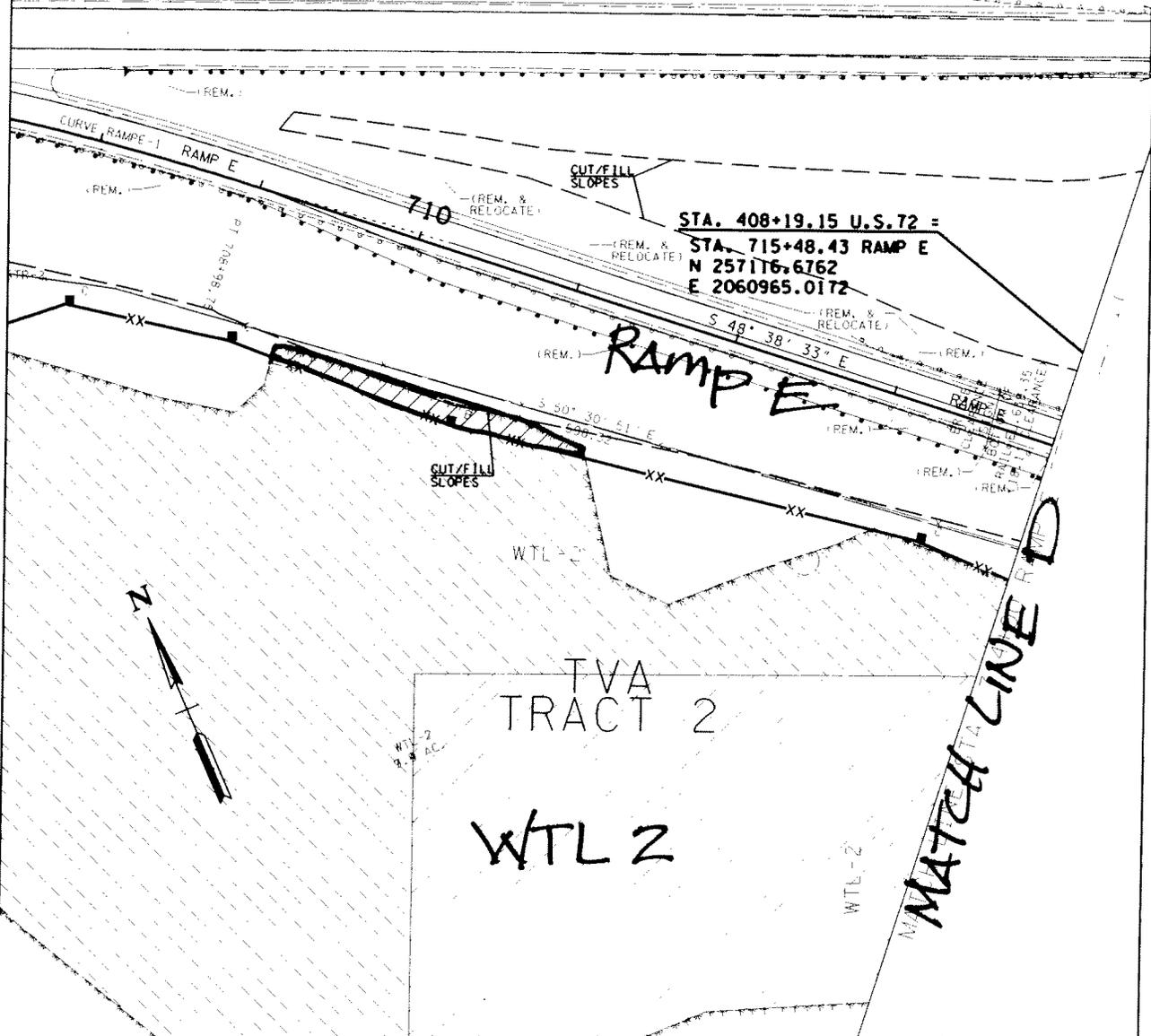
Permit Sketch

WTL-2

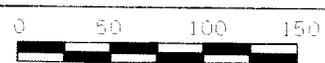
140

S 66° 08' 57" E

I-24



NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED R.O.W.



LEGEND	WETLAND IMPACTS
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	AREA OF TEMPORARY IMPACT = 0.15 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

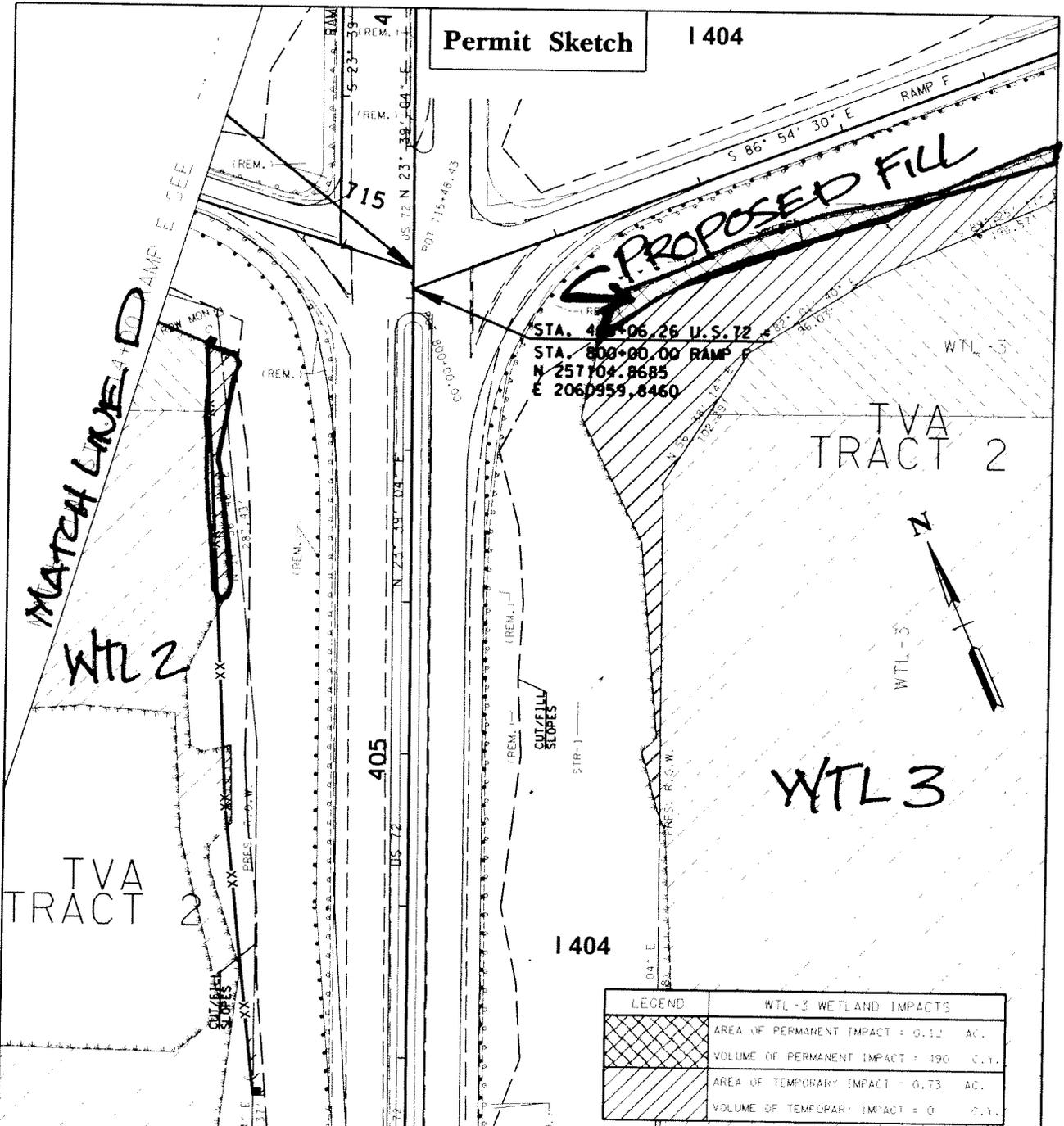
DATE: 05-09-08 REVISED:

STA. 404+50 ON SP-27 TO STA. 126+00 ON I-24

APPLICATION BY:  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
QUAD KIMBALL TN 35085-A6-TF-024

File No. 2009-00128; TDOT  
SR-27 (US-72) Interchange with I-24  
Marion County, Tennessee  
Sheet 7 of 18 Wetland Impacts

Permit Sketch 1404



STA. 404+06.26 U.S. 72  
 STA. 800+00.00 RAMP F  
 N 257704.8685  
 E 2060959.8460

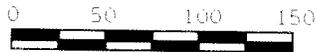
TVA  
 TRACT 2

WTL 3

LEGEND	WTL-3 WETLAND IMPACTS
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	AREA OF TEMPORARY IMPACT = 0.73 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

NO EQUIPMENT IS TO BE OPERATED IN WETLAND AREAS AND STREAMS LOCATED BEYOND THE PROPOSED R.O.W.

WTL-2 STA. 404+50 ON SR-27 TO STA. 126+00 ON I-24  
 WTL-3 STA. 404+50.00 SR-27 TO 817+00.00 RAMP F



APPLICATION BY:  
 TENNESSEE DEPARTMENT OF TRANSPORTATION  
 QUAD KIMBALL TN 35085-A6-TF-024

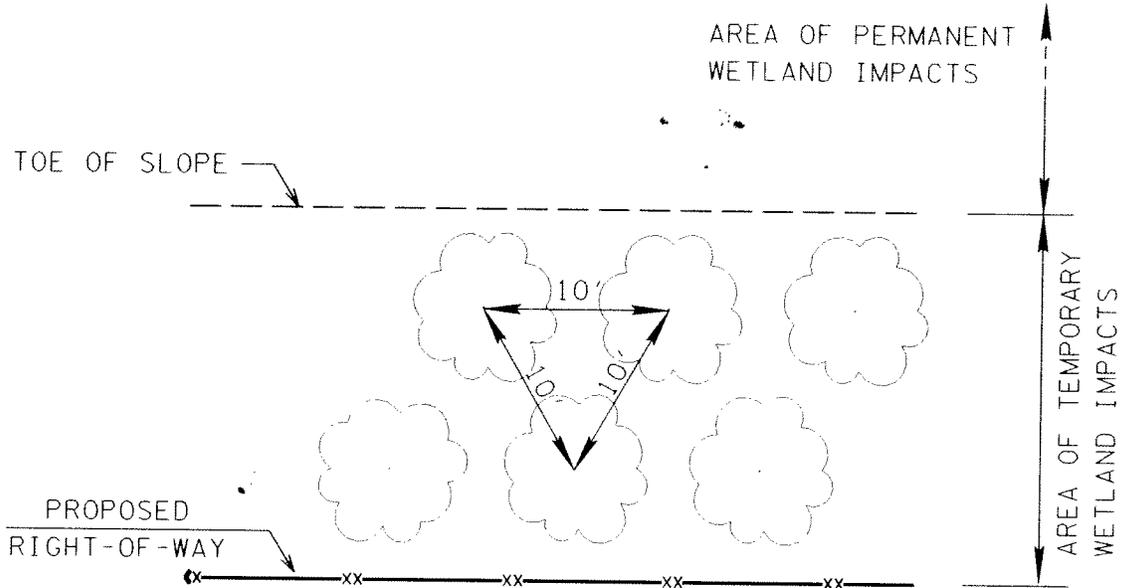
LEGEND	WTL-2 WETLAND IMPACTS
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	AREA OF TEMPORARY IMPACT = 0.15 AC. VOLUME OF TEMPORARY IMPACT = 0 C.Y.

DATE: 05/09/08 REVISED:

File No. 2009-00128; TDOT  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee  
 Sheet 8 of 18 **Wetland Impacts**

**Permit Sketch**

TREE PLANTING SCHEME FOR TEMPORARY WETLAND IMPACT AREAS TO WETLAND WTL-2 & WTL-3



ITEM #	DESCRIPTION	QTY.	UNIT
802-02.01	SEEDLING - QUERCUS PHELLOS, WILLOW OAK 18"-24" HT, BR	54	EACH
802-02.02	SEEDLING - QUERCUS NIGRA, WATER OAK 18"-24" HT, BR	54	EACH
802-02.03	SEEDLING - LIQUIDAMBER STYRACIFLUA, SWEET GUM 18"-24" HT, BR	54	EACH
802-02.04	SEEDLING - ACER RUBRUM, RED MAPLE 18"-24" HT, BR	54	EACH
802-02.05	SEEDLING - BETULA NIGRA, RIVER BIRCH 18"-24" HT, BR	54	EACH

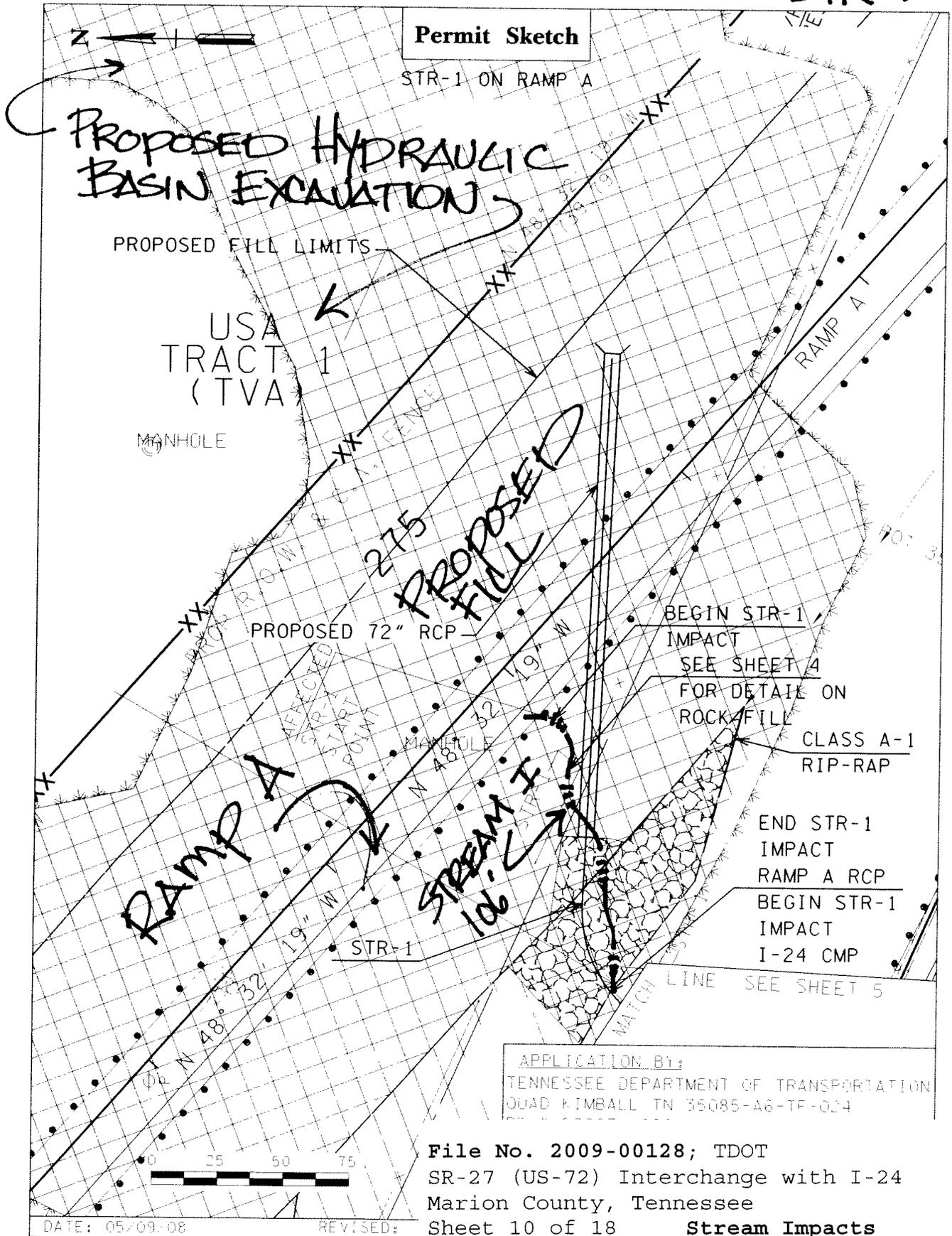
NOTE: HT = HEIGHT, BR = BARE ROOT

APPLICATION BY:  
 TENNESSEE DEPARTMENT OF TRANSPORTATION  
 QUAD KIMBALL TN 35085-A6-TF-004

**File No. 2009-00128; TDOT**  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee

# PROPOSED STREAM IMPACTS

STR-1



Permit Sketch

STR-1 ON RAMP A

PROPOSED HYDRAULIC  
BASIN EXCAVATION

PROPOSED FILL LIMITS

USA  
TRACT  
1  
(TVA)

MANHOLE

PROPOSED  
FILL

PROPOSED 72" RCP

BEGIN STR-1  
IMPACT  
SEE SHEET 4  
FOR DETAILS ON  
ROCK/FILL

CLASS A-1  
RIP-RAP

END STR-1  
IMPACT

RAMP A RCP

BEGIN STR-1  
IMPACT

I-24 CMP

SEE SHEET 5

RAMP A

STREAM I-24

APPLICATION BY:

TENNESSEE DEPARTMENT OF TRANSPORTATION  
QUAD KIMBALL TN 35085-A6-TF-004

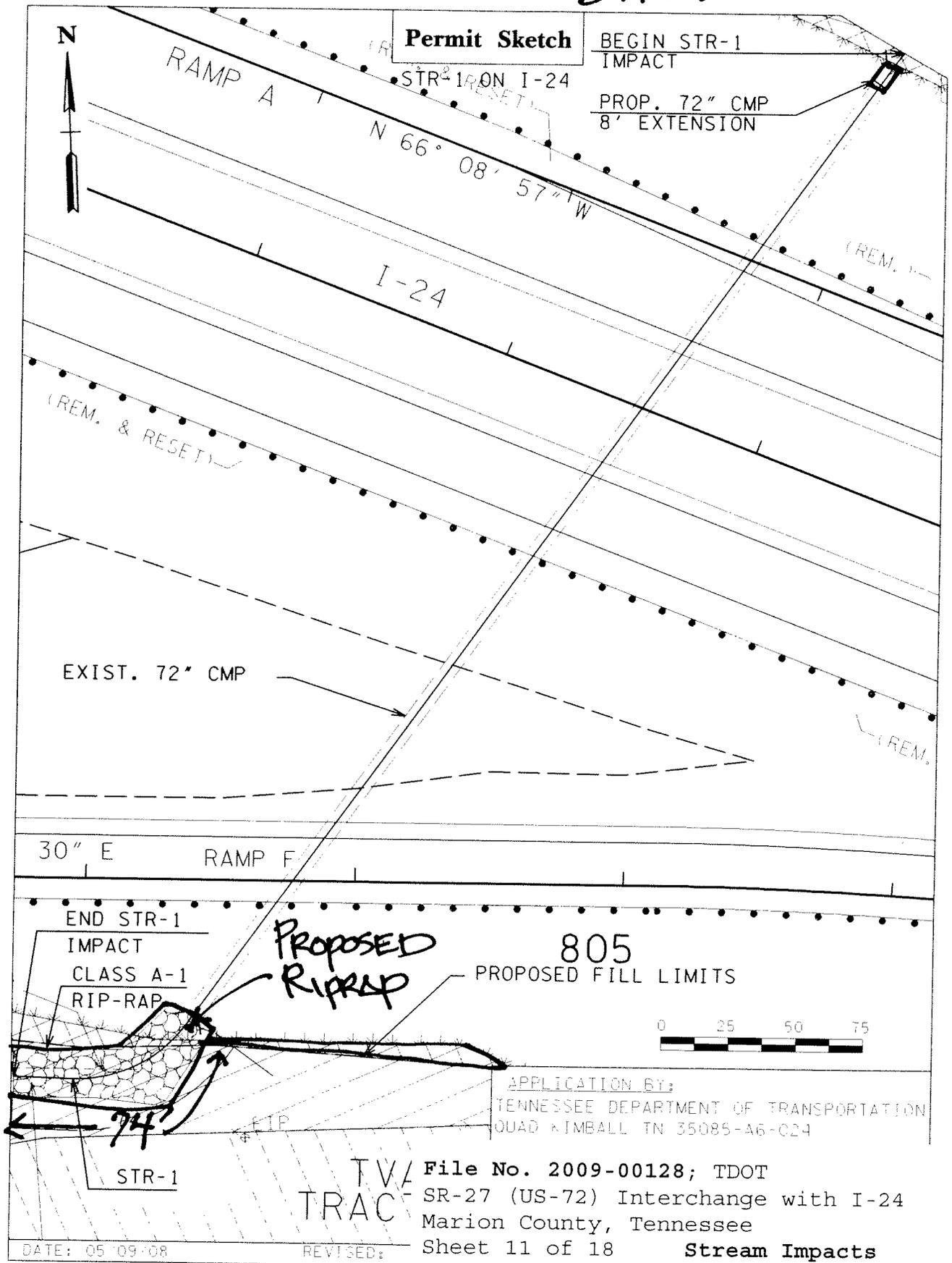
File No. 2009-00128; TDOT  
SR-27 (US-72) Interchange with I-24  
Marion County, Tennessee  
Sheet 10 of 18 **Stream Impacts**

DATE: 05/09/08

REVISED:

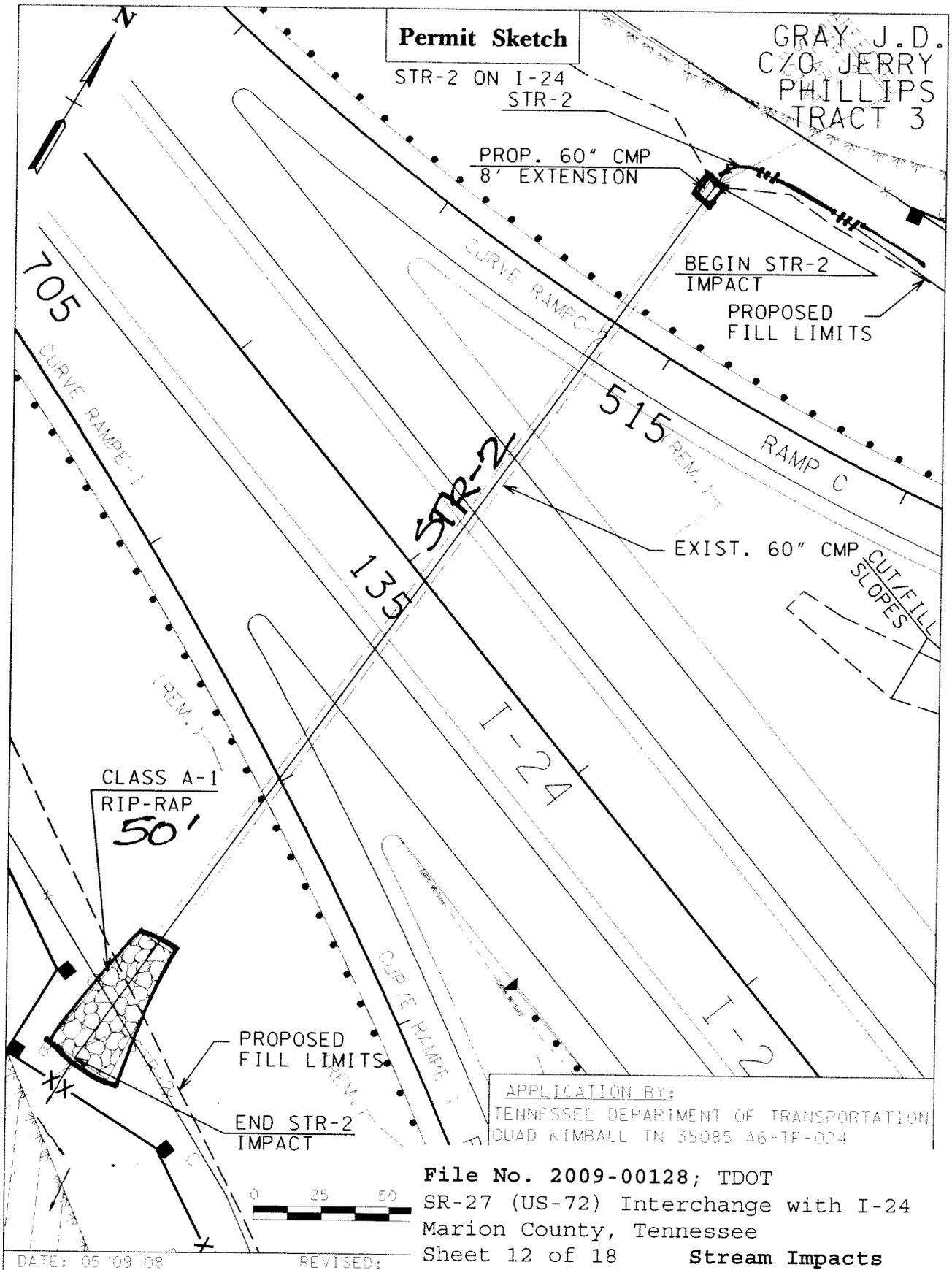
# PROPOSED STREAM IMPACTS

## STR-1



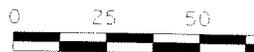
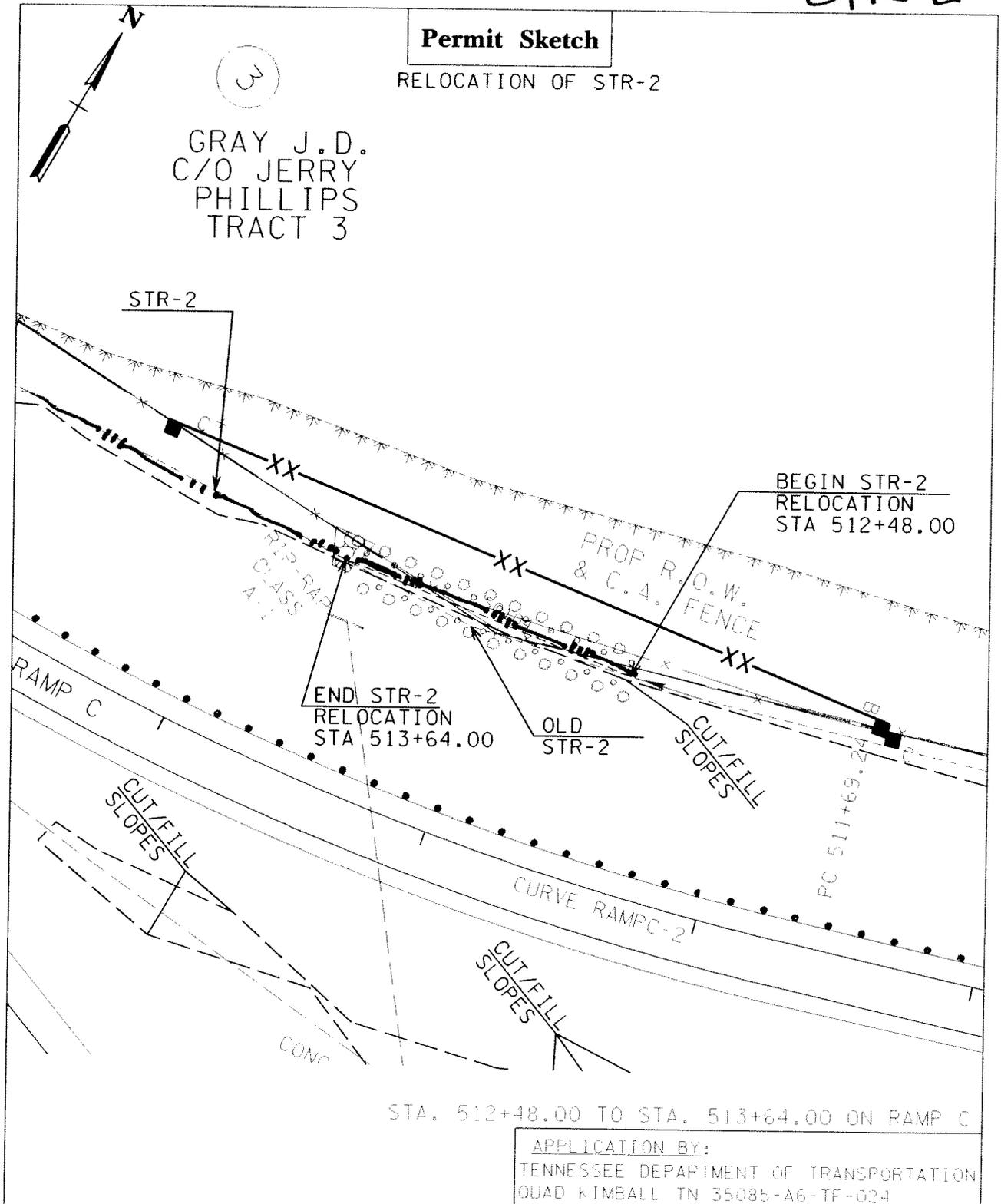
# PROPOSED STREAM IMPACTS

## STR-2



# PROPOSED 112' STREAM CHANNEL RELOCATION

## STR-2



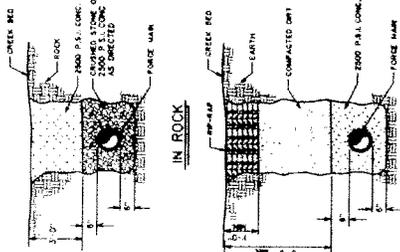
**File No. 2009-00128; TDOT**  
SR-27 (US-72) Interchange with I-24  
Marion County, Tennessee  
Sheet 13 of 18 **Stream Impacts**

DATE: 05/09/08

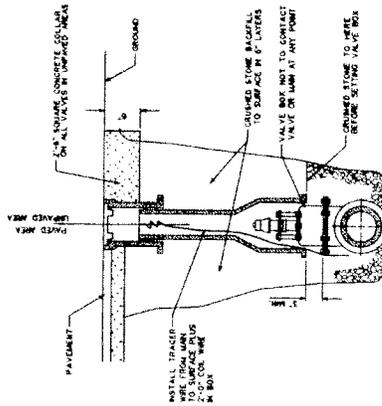
REVISED: 7



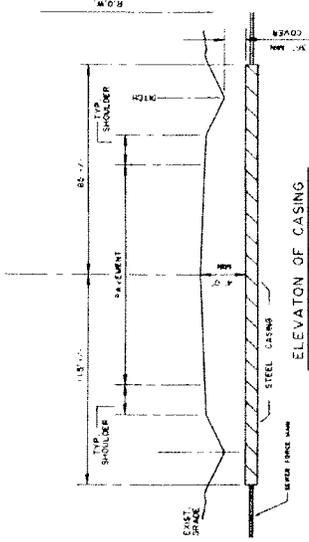




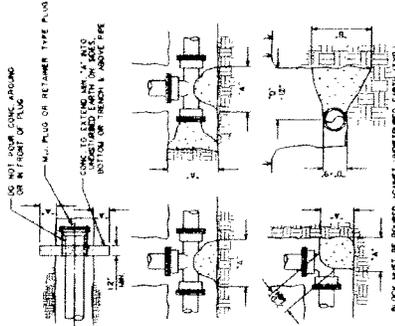
TYPICAL STREAM CROSSING DETAIL



TYPICAL VALVE BOX SETTING



TYPICAL ROADWAY BORE



CONCRETE BRACE DIMENSION SCHEDULE

PIPE SIZE	W	H	MIN. CONC. THICKNESS	MIN. CONC. THICKNESS	MIN. CONC. THICKNESS	MIN. CONC. THICKNESS
12"	12"	12"	12"	12"	12"	12"
15"	15"	15"	15"	15"	15"	15"
18"	18"	18"	18"	18"	18"	18"
21"	21"	21"	21"	21"	21"	21"
24"	24"	24"	24"	24"	24"	24"
27"	27"	27"	27"	27"	27"	27"
30"	30"	30"	30"	30"	30"	30"
36"	36"	36"	36"	36"	36"	36"
42"	42"	42"	42"	42"	42"	42"
48"	48"	48"	48"	48"	48"	48"
54"	54"	54"	54"	54"	54"	54"
60"	60"	60"	60"	60"	60"	60"
66"	66"	66"	66"	66"	66"	66"
72"	72"	72"	72"	72"	72"	72"
78"	78"	78"	78"	78"	78"	78"
84"	84"	84"	84"	84"	84"	84"
90"	90"	90"	90"	90"	90"	90"
96"	96"	96"	96"	96"	96"	96"
102"	102"	102"	102"	102"	102"	102"
108"	108"	108"	108"	108"	108"	108"
114"	114"	114"	114"	114"	114"	114"
120"	120"	120"	120"	120"	120"	120"

CONC. THRUST BLOCK (BRACE)

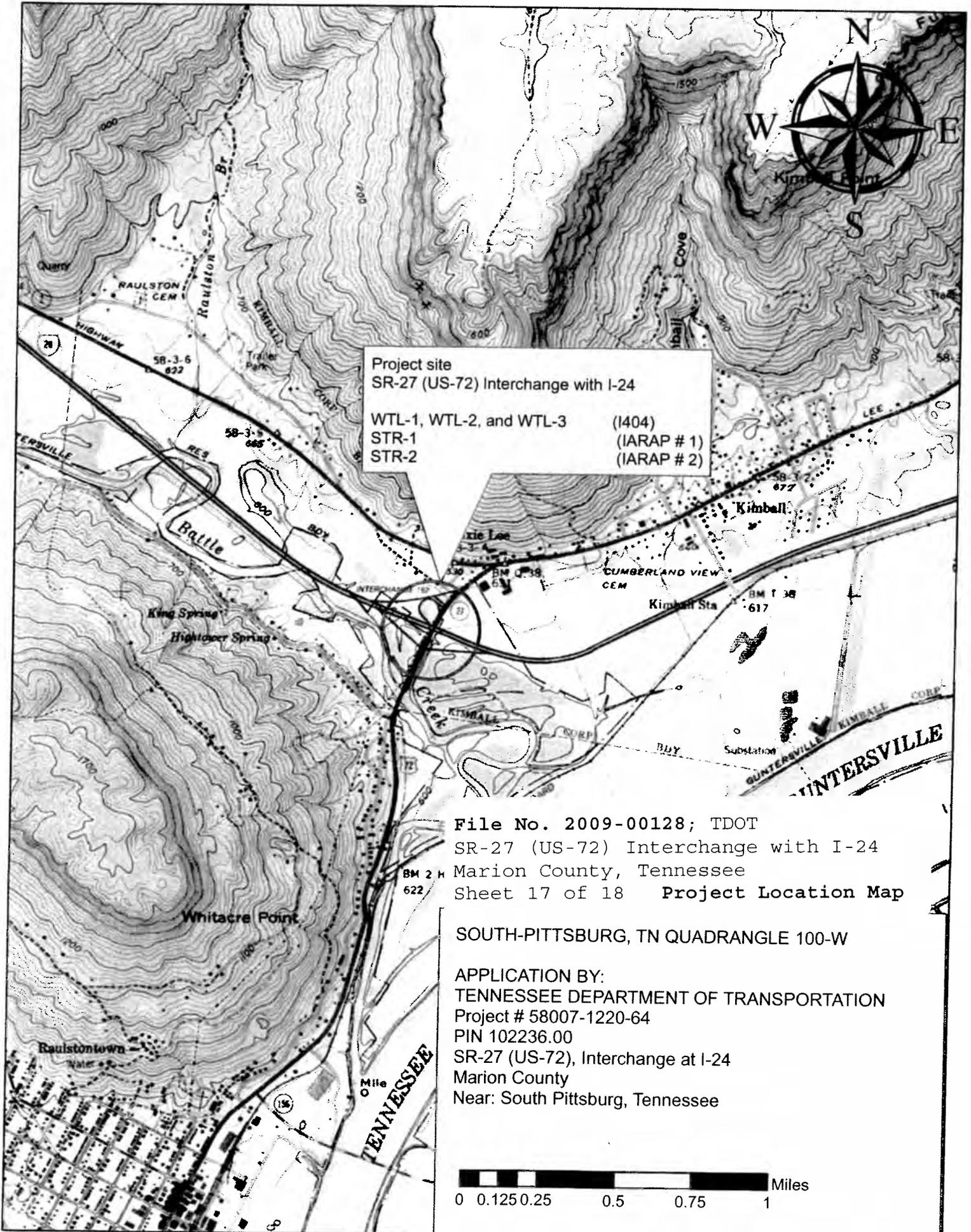
**JAMES C. HAILEY & COMPANY**  
 Consulting Engineers  
 Nashville, Tennessee 37214  
 PH: 615-863-4833 FAX: 615-863-4837  
<http://www.jchengi.com>



TOWN OF KIMBALL  
 Marion County, Tennessee

STANDARD DETAILS  
 DATE: OCT 2008  
 DRAWN BY: JNC  
 CHECKED BY: JNC  
 SHEET NO: 2

File No. 2009-00128; TDOT  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee  
 Sheet 16 of 18 Utility Crossings



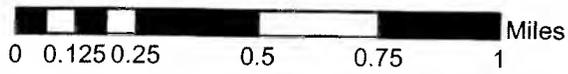
Project site  
 SR-27 (US-72) Interchange with I-24

WTL-1, WTL-2, and WTL-3 (I404)  
 STR-1 (IARAP # 1)  
 STR-2 (IARAP # 2)

File No. 2009-00128; TDOT  
 SR-27 (US-72) Interchange with I-24  
 Marion County, Tennessee  
 Sheet 17 of 18 Project Location Map

SOUTH-PITTSBURG, TN QUADRANGLE 100-W

APPLICATION BY:  
 TENNESSEE DEPARTMENT OF TRANSPORTATION  
 Project # 58007-1220-64  
 PIN 102236.00  
 SR-27 (US-72), Interchange at I-24  
 Marion County  
 Near: South Pittsburg, Tennessee



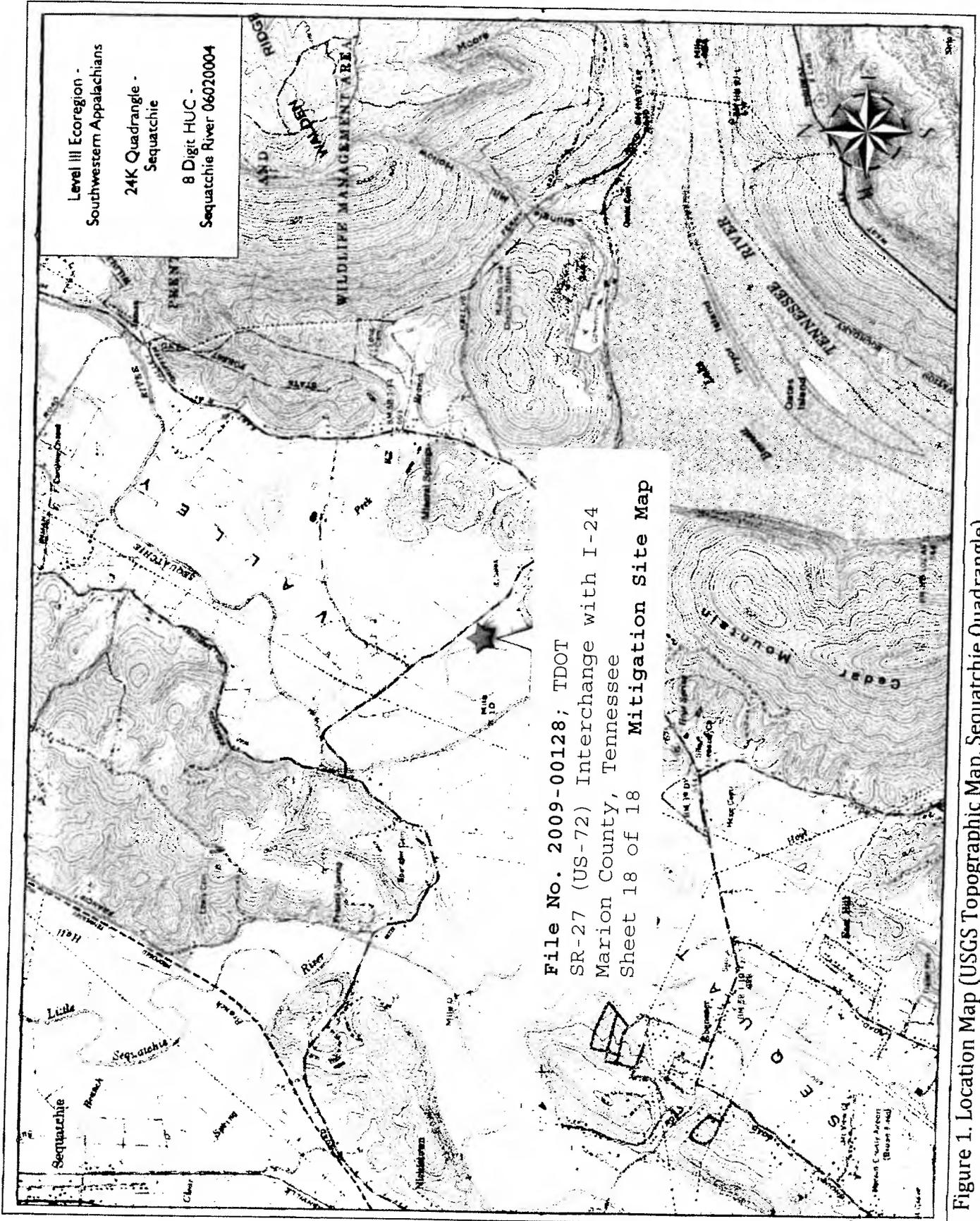


Figure 1. Location Map (USGS Topographic Map, Sequatchie Quadrangle).



November 19, 2009

**TENNESSEE HISTORICAL COMMISSION**  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
2941 LEBANON ROAD  
NASHVILLE, TN 37243-0442  
(615) 532-1550

Mr. Forrest E. McDaniel  
COE-Nashville District  
3701 Bell Road  
Nashville, Tennessee, 37214

RE: COE-N, PN# 09-81/FILL MATERIAL, UNINCORPORATED, MARION COUNTY

Dear Mr. McDaniel:

In response to your request, received on Tuesday, November 17, 2009, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800. You may wish to familiarize yourself with these procedures (Federal Register, December 12, 2000, pages 77698-77739) if you are unsure about the Section 106 process.

After considering the documents you submitted, we determine that THERE ARE NO NATIONAL REGISTER OF HISTORIC PLACES LISTED OR ELIGIBLE PROPERTIES AFFECTED BY THIS UNDERTAKING. We have made this determination either because of the specific location, scope and/or nature of your undertaking, and/or because of the size of the area of potential effect; or because no listed or eligible properties exist in the area of potential effect; or because the undertaking will not alter any characteristics of an identified eligible or listed property that qualify the property for listing in the National Register or alter such property's location, setting or use. Therefore, we have no objections to your proceeding with your undertaking.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. If you are applying for federal funds, license or permit, you should submit this letter as evidence of consultation under Section 106 to the appropriate federal agency, which, in turn, should contact us as required by 36 CFR 800. If you represent a federal agency, you should submit a formal determination of eligibility and effect to us for comment. You may find additional information concerning the Section 106 process and the Tennessee SHPO's documentation requirements at <http://www.tennessee.gov/environment/hist/federal/sect106.shtm>. You may direct questions or comments to Joe Garrison (615) 532-1550-103. This office appreciates your cooperation.

Sincerely,

E. Patrick McIntyre, Jr.  
Executive Director and  
State Historic Preservation Officer

EPM/jyg

NOV 23 2009



**TENNESSEE HISTORICAL COMMISSION**  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
2941 LEBANON ROAD  
NASHVILLE, TN 37243-0442  
(615) 532-1550

November 20, 2009

Mr. Forrest McDaniel  
United States Army Corps of Engineers  
Nashville District  
Regulatory Branch  
3701 Bell Road  
Nashville, Tennessee 37214

RE: COE-N, PN#09-81/I-24 INTERCHANGE AT SR-27, UNINCORPORATED,  
MARION COUNTY

Dear Mr. McDaniel:

The Tennessee State Historic Preservation Office has reviewed the above-referenced undertaking received on Wednesday, November 18, 2009 for compliance by the participating federal agency or applicant for federal assistance with Section 106 of the National Historic Preservation Act. The Procedures for implementing Section 106 of the Act are codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739).

After considering the documentation submitted, we concur with your agency that there are no National Register of Historic Places listed or eligible properties affected by this undertaking. This determination is made either because of the location, scope and/or nature of the undertaking, and/or because of the size of the area of potential effect; or because no listed or eligible properties exist in the area of potential effect; or because the undertaking will not alter any characteristics of an identified eligible or listed property that qualify the property for listing in the National Register or alter such property's location, setting or use. Therefore, this office has no objections to your proceeding with the project.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. You may direct questions or comments to Jennifer M. Barnett (615) 741-1588, ext. 105. This office appreciates your cooperation.

Sincerely,

E. Patrick McIntyre, Jr.  
Executive Director and  
State Historic Preservation Officer

EPM/jmb

**NOV 25 2009**



FEMA

December 14, 2009

US Army Corp. of Engineers  
Nashville District, Regulatory Branch  
Attn: Forrest E. McDaniel  
3701 Bell Road  
Nashville, TN 37214-2660

**RE:** Review of Proposal to Support Activity in the 100-year Floodplain

Dear Mr. McDaniel:

Thank you for the opportunity to comment on:

Construction of an Interstate Exit Ramp at SR-27 (US 72) Interchange with I-24. Marion County Tennessee.

Although the projects as described probably would not notably change flood flows, they may still affect people's flood risks. Please see our comments below.

Section 2(a)(2) of EO 11988 allows activities in a floodplain only if there is no practicable alternative to locating in the floodplain. FEMA accepts that there is no practicable alternative in the case of functionally dependent uses such as roads and utility lines not parallel to the water body. Whenever a project must be located in the floodplain because there is no practicable alternative, section 2(a)(2) requires that the project be designed to minimize potential harm.

We understand *designed to minimize potential harm* to mean compliant with the following:

1. All new construction and substantial improvements-
  - (i) are designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of involved structures resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy,
  - (ii) are constructed with materials resistant to flood damage,
  - (iii) are constructed by methods and practices that minimize flood damages, and
  - (iv) are constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.
2. All utility lines are designed to minimize or eliminate infiltration of floodwaters into the utility line.
3. All utility lines that cross a watercourse do so in a manner that maintains the flood carrying capacity of the watercourse.
4. All construction that is to occur within the boundaries of a city or county that participates in the National Flood Insurance Program (NFIP) complies with any applicable ordinance promulgated locally to implement NFIP guidelines.

DEC 17 2009

TDOT Marion County  
12-14-2009  
Page 2

All projects that must be located in the floodplain should meet these criteria. EO 11988 appears to forbid issuance of a permit for any project in a floodplain that does not meet these criteria.

Please contact your Local Floodplain Administrator for additional information, help, and local floodplain management determination. If your projects comply with the Local floodplain management ordinance, then they will not need further FEMA review.

Please contact me ([william.straw@dhs.gov](mailto:william.straw@dhs.gov) or 770-220-5432) if we can help further. Thank you again.

Sincerely,



William R Straw, PhD  
Regional Environmental Planning &  
Historic Preservation Officer

WS:bb



## TENNESSEE WILDLIFE RESOURCES AGENCY

ELLINGTON AGRICULTURAL CENTER  
P. O. BOX 40747  
NASHVILLE, TENNESSEE 37204

December 7, 2009

Forrest McDaniel  
Nashville District Corps of Engineers  
Regulatory Branch  
3701 Bell Road  
Nashville, TN 37214

Re: Public Notice #09-81  
Applicant: Tennessee Department of Transportation  
Proposed Improvements to the Existing Interchange between I-24 and State Route 72  
Adjacent Wetlands to Battle Creek near SR-27 (US-72) Interchange with I-24.  
Marion County, Tennessee

Dear Mr. McDaniel:

The applicant proposes to construct an exit ramp on the north side of the existing State Route 27/Interstate 24 interchange which the applicant states will impact approximately 7.5 acres of wetland and 378 feet of stream impacts in Marion County. The applicant proposes to mitigate for the wetland impacts by the purchase of available wetland mitigation credits from a wetland mitigation site in Marion County managed by MRW Environmental, LLC. The applicant proposes mitigate for the stream impacts by purchase of credits from the Tennessee Stream Mitigation Program's In-Lieu Fee Program.

The Tennessee Wildlife Resources Agency has concerns regarding the proposed wetland mitigation. It has come to our attention that all of the impacted wetlands at the project site may not have been identified. Therefore, wetland mitigation for impacts to these unidentified wetlands has not been proposed in the public notice and could result in insufficient wetland mitigation. The number of acres of unidentified wetlands that will be impacted is unknown. These additional wetland impacts are associated with the proposed floodplain storage mitigation as required for no rise certification due to the proposed fill of floodplains. We suggest that the U.S. Army Corps of Engineers and the Tennessee Department of Environment and Conservation (TDEC) re-evaluate the proposed wetland impacts for this project.

The public notice states that the applicant proposes to mitigate the wetland impacts at a 22.83 acres wetland mitigation site at a 2:1 ratio requiring the debit of 15.0 credits. The public notice also states that 7.83 acres of potential surplus mitigation will be left over, if successful, to mitigate for future Tennessee Department of Transportation projects. It has also come to our attention that no wetland restoration or enhancement activities have occurred at proposed wetland mitigation site. Therefore, any debiting of credits from this mitigation site prior to

**The State of Tennessee**

IS AN EQUAL OPPORTUNITY, EQUAL ACCESS, AFFIRMATIVE ACTION EMPLOYER

DEC 10 2009  
11:07 AM

wetland restoration or enhancement activities will result in a temporal loss of wetland functions and services.

The Tennessee Wildlife Resources Agency requests that the permit for this proposed project be held in abeyance until the number of wetland acres impacted has been determined by the U.S. Army Corps of Engineers and the Tennessee Department of Environment and Conservation and that wetland restoration or enhancement activities at the Sequatchie Valley Mitigation Site have been initiated.

Thank you for the opportunity to comment.

Thank you for the opportunity to comment.

Sincerely,

*Robert M. Todd*

Robert M. Todd  
Fish and Wildlife Environmentalist

cc: Bobby Brown, Region III Habitat Biologist  
John Mayer, Region III Manager  
Mary Jennings, U.S. Fish and Wildlife Service  
Todd Bowers, Environmental Protection Agency

KEU PARR

423 751  
3230

MARK CARVES



# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
446 Neal Street  
Cookeville, TN 38501

December 7, 2009

Lt. Colonel Anthony P. Mitchell  
District Engineer  
U.S. Army Engineer District- Memphis  
3701 Bell Road  
Nashville, Tennessee 37214-2660

Attention: Mr. Forrest E. McDaniel, Regulatory Branch

Subject: Public Notice No. 09-81. Proposed construction of an exit ramp on the north side of the existing State Route 27/ I-24 Interchange at Kimball/ South Pittsburg, Marion County, Tennessee.

Dear Colonel Smith:

Fish and Wildlife Service (Service) personnel have reviewed the subject public notice dated November 13, 2009, regarding the proposal to construct an exit ramp to the existing State Route 27/ I-24 Interchange in Marion County, Tennessee. The project would impact an unnamed tributary to Battle Creek and approximately 7.5 acres of wetland. The Tennessee Department of Transportation proposes to mitigate for 206 feet of stream impacts that would result from a culvert extension, utility relocation, and partial stream relocation by payment of \$41,200 to the Tennessee Stream Mitigation Program (TSMP). Permanent wetland impacts (7.5 acres) would be mitigated by debiting, at a 2:1 ratio, 15.0 acres of available credit from the Sequatchie Valley Wetland Mitigation Site. The following constitute the comments of the U.S. Department of Interior, provided in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.)

According to our records, the federally endangered Indiana bat (*Myotis sodalis*) may occur in the project impact area. Indiana bats have been observed using a cave approximately 5.7 miles southeast of the proposed project site as a winter hibernaculum. If the project is permitted, we would request that a timeframe restriction be included in the permit to limit tree removal to the period between November 1 and March 31. This restriction would minimize potential for harm to Indiana bats that might otherwise result from removal of active roosting or maternal trees.

DEC 09 2009

In a letter to the Tennessee Department of Environment and Conservation (TDEC) dated November 6, 2009, we echoed concerns raised by the Tennessee Wildlife Resources Agency (TWRA) for the limited wetland acreage available at the Sequatchie Valley Wetland Mitigation Site. The following is an excerpt from TWRA's public notice response to TDEC:

“The Tennessee Wildlife Resources Agency has concerns regarding the proposed wetland mitigation. It has come to our attention that all of the impacted wetlands at the project site may not have been identified. Therefore, wetland mitigation for impacts to these unidentified wetlands has not been proposed in the public notice and could result in insufficient wetland mitigation. The number of acres of unidentified wetlands that will be impacted is unknown. These additional wetland impacts are associated with the proposed floodplain storage mitigation as required for no rise certification due to the proposed fill of floodplains. We suggest that the U.S. Army Corps of Engineers and the Tennessee Department of Environment and Conservation (TDEC) re-evaluate the proposed wetland impacts for this project.

The Sequatchie Valley Mitigation Site prospectus states on page 13 that “As shown in Appendix A, these activities will result in a total of 18.67 acres of restoration land and 4.16 acres of enhancement land.” If standard wetland mitigation ratios are applied (1 credit for 1 acre of restoration and ½ credits for 1 acre of enhancement); we estimate that, in total, 20.75 wetland mitigation credits would be available when the mitigation is determined successful at the Sequatchie Valley Mitigation Site. Since wetland mitigation by TDEC Rule 1200-4-7-.04 is required at a 2:1 ratio, the current wetland mitigation needed for the 7.5 acres of impacts would require 15.0 credits be debited from the Sequatchie Valley Mitigation Site, leaving only 5.75 credits available to mitigate for impacts to the additional unidentified wetlands at the project site. It has also come to our attention that no wetland restoration or enhancement activities have occurred at the Sequatchie Valley Mitigation Site. Therefore, any debiting of credits from this mitigation site prior to wetland restoration or enhancement activities will result in a temporal loss of wetland functions and services.

The Tennessee Wildlife Resources Agency requests that the permit for this proposed project be held in abeyance until the number of wetland acres impacted has been determined by the U.S. Army Corps of Engineers and the Tennessee Department of Environment and Conservation and that wetland restoration or enhancement activities at the Sequatchie Valley Mitigation Site have been initiated.”

We are additionally concerned with the wetland resource value that would be lost by conversion of 14.86 acres of floodplain into open water habitat to act as an offset for the loss of flood storage capacity. Mitigation cannot be properly assessed unless this loss in resource value is determined. Therefore, we request that the Corps permit be held in abeyance until available wetland acreage is determined to be adequate for mitigation and groundwork has been initiated at the wetland mitigation site.

Thank you for the opportunity to review this project. If you have any questions regarding our comments, please contact John Griffith of my staff at 931/528-6481 (ext. 228) or by email at [john\\_griffith@fws.gov](mailto:john_griffith@fws.gov).

Sincerely,

A handwritten signature in cursive script that reads "Mary E. Jennings". The signature is written in black ink and is positioned above the typed name and title.

Mary E. Jennings  
Field Supervisor

xc: Robert Todd, TWRA, Nashville, TN  
Dan Eagar, TDEC, Nashville, TN  
Todd Bowers, EPA, Atlanta, GA



**US Army Corps  
of Engineers.**

# Public Notice

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Public Notice No. 09-81A

Date: February 3, 2010

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Nashville District

Application No. 200900128

Expires: February 18, 2010

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Please address all comments to:

Nashville District Corps of Engineers, Regulatory Branch  
3701 Bell Road, Nashville, TN 37214  
Attn: Floyd M. Carnes

---

REVISED JOINT PUBLIC NOTICE  
US ARMY CORPS OF ENGINEERS  
AND  
TENNESSEE VALLEY AUTHORITY

SUBJECT: Revision of Pubic Notice 09-81; Impacts to Waters of the U.S. Associated with the Proposed Construction of an Interstate Exit Ramp, Improvement of Existing Entry and Exit Ramps, Replacement of a Highway Bridge and Construction of a Flood Control Storage Basin at State Route (SR)-27 (US-72) Interchange with I-24, Tennessee River Mile 418.6 Right Bank, Marion County, Tennessee (TDOT PIN 102236.00)

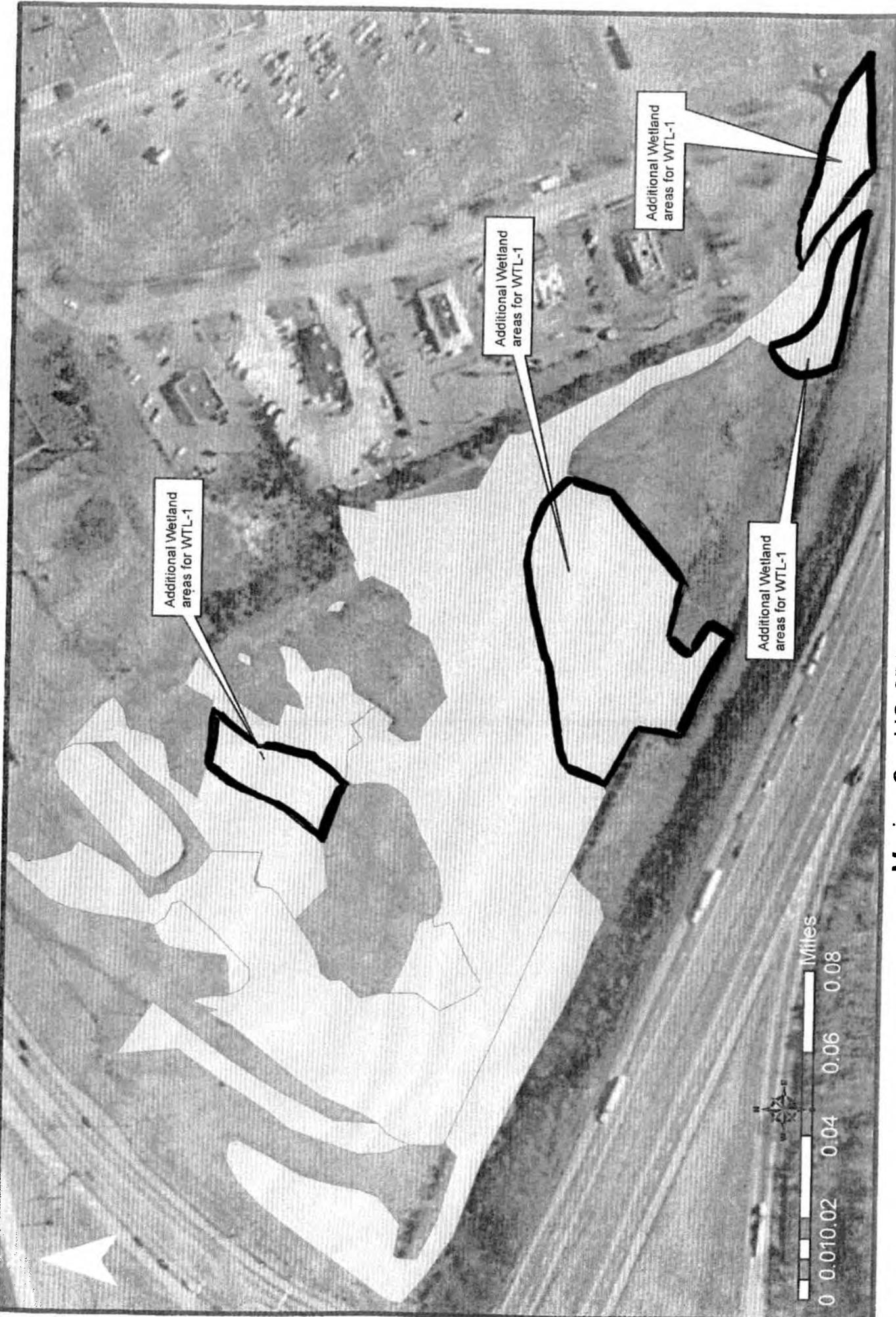
REVISION PURPOSE: Public Notice 09-81 was issued on November 13, 2009, describing the proposed construction of an interstate exit ramp, improvement of existing entry and exit ramps, replacement of a highway bridge and construction of a flood control storage basin at SR-27 (US-72) Interchange with I-24 at the subject location. The construction would impact several unnamed tributaries and wetlands adjacent to Battle Creek. Upon re-examination of the site, the applicant identified an additional 2.1 acres of wetlands that would be impacted by the proposed activity. The additional acreage brings the wetland impacts for the proposed activity to 10.2 acres. The applicant has proposed a new mitigation plan which would mitigate for 9.1 acres of the 10.2 acres at a mitigation site in the Sequatchie Valley. The Sequatchie Valley site has a total of 18.2 acres at a 2:1 ratio 9.1 acres of the 10.2 acres would be mitigated at this location. The remaining 1.1 acres of wetland impacts would be mitigated at the Coffee County Wetland Mitigation Bank. Since the project is outside of the service area of the mitigation bank, the applicant would purchase 4.4 mitigation credits from the bank at a 4:1 ratio.

All other information contained within the original notice is accurate as the project has not changed.

COMMENTS: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public.

Written statements received in this office on or before **February 18, 2010**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Floyd M. Carnes, at the above address, telephone (615) 369-7503. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to Lesley White, Guntersville Lake Watershed Team, 3696 Alabama Highway 69, Guntersville, AL 35976.

If you received this notice by mail and wish to view all of the diagrams, visit our web site at: <http://www.lrn.usace.army.mil/cof/notices.htm>, or contact Mr. Carnes at the above address or phone number.



Marion Co. US-27/I-24 Interchange

FILE NO. 200900128

ADDITIONAL WETLAND AREAS

PN 09-81A

EXHIBIT A



# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
446 Neal Street  
Cookeville, TN 38501

February 11, 2010

Lt. Colonel Anthony P. Mitchell  
Nashville District Corps of Engineers  
Regulatory Branch  
3701 Bell Road  
Nashville, Tennessee 37214

Attention: Mr. Floyd M. Carnes, Regulatory Branch

Subject: Public Notice No. 09-81A. Proposed construction of an exit ramp on the north side of the existing State Route 27/ I-24 Interchange at Kimball/ South Pittsburg, Marion County, Tennessee.

Dear Lt. Colonel Mitchell:

Fish and Wildlife Service (Service) personnel have reviewed the subject public notice dated November 13, 2009, regarding the proposal to construct an exit ramp to the existing State Route 27/ I-24 Interchange in Marion County, Tennessee. The project would impact an unnamed tributary to Battle Creek and approximately 10.2 acres of wetland. The Tennessee Department of Transportation proposes to mitigate for 206 feet of stream impacts that would result from a culvert extension, utility relocation, and partial stream relocation by payment of \$41,200 to the Tennessee Stream Mitigation Program (TSMP). Impacts to 9.1 acres of wetland would be mitigated by debiting, at a 2:1 ratio, 18.2 acres of available credit from the Sequatchie Valley Wetland Mitigation Site. The remaining 1.1 acres of permanent impact would be mitigated by debiting, at a 4:1 ratio, 4.4 acres of available credits from the Coffee County Wetland Mitigation Bank. The following constitute the comments of the U.S. Department of Interior, provided in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.)

According to our records, the federally endangered Indiana bat (*Myotis sodalis*) may occur in the project impact area. Indiana bats have been observed using a cave approximately 5.7 miles southeast of the proposed project site as a winter hibernaculum. If the project is permitted, we would request that a timeframe restriction be included in the permit to limit tree removal to the period between November 1 and March 31. This restriction would minimize potential for harm to Indiana bats that might otherwise result from removal of active roosting or maternal trees.

2/16/10

Public Notice 09-81 was issued by the Corps of Engineers on November 13, 2009 to allow for mitigation of 8.1 acres at a 2:1 ratio (16.2 credit acres) from the Sequatchie Valley Wetland Mitigation Site. Since that time, a reexamination of the site determined the actual acreage impact to be closer to 10.2 acres. TDOT has requested to debit an additional 2.1 credit acres to fully mitigate for the impact. However, no groundwork has been completed to date at the Sequatchie Valley Wetland Mitigation Site. Therefore, we request that the Corps permit be held in abeyance until groundwork has begun at the site.

Thank you for the opportunity to review this project. If you have any questions regarding our comments, please contact John Griffith of my staff at 931/528-6481 (ext. 228) or by email at [john\\_griffith@fws.gov](mailto:john_griffith@fws.gov).

Sincerely,

A handwritten signature in cursive script that reads "Mary E. Jennings".

Mary E. Jennings  
Field Supervisor

xc: Robert Todd, TWRA, Nashville, TN  
Dan Eagar, TDEC, Nashville, TN  
Todd Bowers, EPA, Atlanta, GA

**Parr, Kenneth P**

---

**From:** Carnes, Mark LRN [Mark.Carnes@usace.army.mil]  
**Sent:** Wednesday, February 24, 2010 4:06 PM  
**To:** Parr, Kenneth P  
**Subject:** FW: Public Notice 09-81A; Proposed exit ramp on North side of existing State Route 27/I-24, Marion Co., TN  
**Attachments:** pic29168.gif; graycol.gif; ecblank.gif

FWS email

Mark

-----Original Message-----

**From:** John\_Griffith@fws.gov [mailto:John\_Griffith@fws.gov]  
**Sent:** Wednesday, February 24, 2010 2:34 PM  
**To:** Carnes, Mark LRN  
**Cc:** Robbie\_Sykes@fws.gov; Rob Todd  
**Subject:** Re: Public Notice 09-81A; Proposed exit ramp on North side of existing State Route 27/I-24, Marion Co., TN

Mr. Carnes,

Thank you for the phone call and subsequent correspondence requesting our position on permit issuance. Based on the Corps assurance that the permit will be conditioned to included a tree removal timeframe restriction on trees with a 6-inch diameter or larger, we do not anticipate any adverse effects to the Indiana bat as a result of this project. Furthermore, we withdraw our previous request for permit abeyance due to your assurance that groundwork at the Sequatchie Valley Wetland Mitigation Site will be initiated concurrently with construction of the I-24/SR-27 Interchange. This email will serve as our official response with regard to this project.

Sincerely,

John C. Griffith  
Transportation Biologist  
U.S. Fish and Wildlife Service  
931-528-6481 ext. 228  
931-528-7075 (fax)

Inactive hide details for "Carnes, Mark LRN" <Mark.Carnes@usace.army.mil>"Carnes, Mark LRN" <Mark.Carnes@usace.army.mil>

"Carnes, Mark LRN" <Mark.Carnes@usace.army.mil>

02/24/2010 11:33 AM

To

<[john\\_griffith@fws.gov](mailto:john_griffith@fws.gov)>

cc

Subject

Public Notice 09-81A; Proposed exit ramp on North side of existing State Route 27/I-24,  
Marion Co., TN

Mr. Griffith

Per our phone conversation this morning with Mr. Forrest McDaniel. The wetland mitigation at the Sequatchie Valley site would occur concurrently with the wetlands being impacted at the State Route 27/I-24 site. In addition, there would be a limit on tree removal between Nov 1 and March 31 on trees larger than 6" in diameter, which would minimize potential harm to the Indiana bat.

Mark Carnes



**TENNESSEE HISTORICAL COMMISSION**  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
2941 LEBANON ROAD  
NASHVILLE, TN 37243-0442  
(615) 532-1550

February 22, 2010

Mr. Gerald Kline  
Tennessee Department of Transportation  
Environmental Division  
Suite 900, James K. Polk Building  
505 Deaderick Street  
Nashville, Tennessee 37243-0334

RE: FHWA, ARCHAEOLOGICAL ASSESSMENT, SR-27 INTERCHANGE AT I-24, KIMBALL,  
MARION COUNTY, TN

Dear Mr. Kline:

At your request, our office has reviewed the above-referenced archaeological survey report in accordance with regulations codified at 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739). Based on the information provided, we find that the project area contains no archaeological resources eligible for listing in the National Register of Historic Places.

If project plans are changed or archaeological remains are discovered during construction, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

Your cooperation is appreciated.

Sincerely,

E. Patrick McIntyre, Jr.  
Executive Director and  
State Historic Preservation Officer

EPM/jmb