

Quality Assurance Review

Project Information

Route: SR-87
Termini: Bridge over Overflow, Log Mile (LM) 3.88
County: Lauderdale
PIN: 128113.05
Preparer: Abby Harris

Certification

By signing below, you certify that this document has been reviewed for compliance with all applicable environmental laws, regulations and procedures. The document has been evaluated for quality, accuracy, and completeness, and that all source material has been verified, compiled and included in the attachments and technical appendices.

Reviewer:	Joe Santangelo	Signature:	Joseph D. Santangelo <small>Digitally signed by Joseph D. Santangelo Date: 2018.10.11 08:24:59 -05'00'</small>
Title:	Environmental Supervisor	Comment:	Approved

Reviewer:	Enter Reviewer Name	Signature:	
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Reviewer:	Enter Reviewer Name	Signature:	
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Reviewer:	Enter Reviewer Name	Signature:	
Title:	Enter Reviewer Title	Comment:	Enter Comment

Programmatic Categorical Exclusion

Notice of Activity


State Route (SR) 87

Bridge over Overflow, Log Mile (LM) 3.88

Lauderdale County

PIN 128113.05

Submitted Pursuant to the National Environmental Policy Act of 1969, 42 U.S.C. 4332(2)(c)

Joseph D. Santangelo  Digitally signed by Joseph D. Santangelo
Date: 2018.10.11 08:24:10 -05'00' 10/11/2018

Tennessee Department of Transportation **Date**

Environmental Commitments

Owner	Commitment
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**Ecology
EDEC001**

TDOT has committed to seasonal tree removal on this project. The USFWS has given TDOT a finding of "Not Likely to Adversely Affect" for the Indiana bat and Northern long-eared bat, provided that tree cutting on this project is done between October 15 and March 31.

Project Information

General Information

Route: State Route (SR) 87
Termini: Bridge over Overflow, Log Mile (LM) 3.88
County: Lauderdale
PIN: 128113.05
Plans: Not Applicable
Date of Plans: N/A

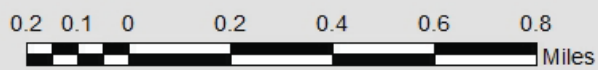
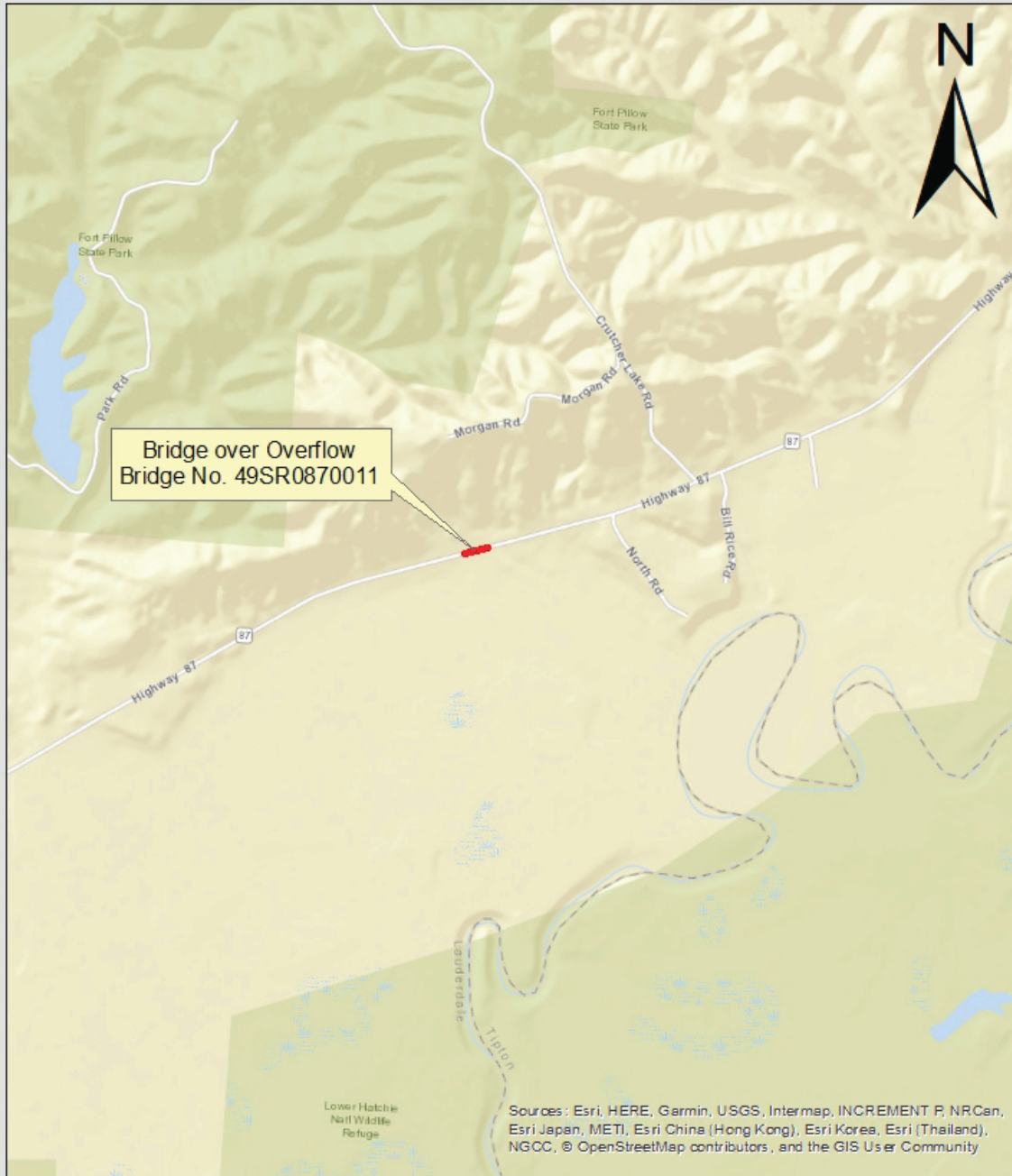
Project Funding

Planning Area: West Tennessee Rural Planning Organization (RPO)
STIP/TIP: 1799001 - Surface Transportation Program (STP) Grouping

Funding Source	Preliminary Engineering	Right-of-Way	Construction
Federal	BR-STP-87(9)	BR-STP-87(9)	BR-STP-87(9)
State	49006-1241-94	49006-2241-94	49006-3241-94

Project Location

Project Location Map PIN 128113.05 Lauderdale County SR-87 Bridge over Overflow, LM 3.88



-----End Section-----

Reevaluation Information

Reason for Reevaluation

- It has been more than three years since approval of the previous environmental documentation.
- Changes to applicable laws, regulations, and procedures.
- Changes to the project design or scope of work.
- Changes to the project location or existing conditions.
- Record of continuing project development and activity.

Previous Documentation

Document Type	Approval Date	Type of Plans	Date of Plans
Programmatic Categorical Exclusion	08/20/2018	Transportation Investment Report (TIR)	04/02/2018

Reevaluation Emphasis

Is this reevaluation focusing on a specific portion of the original project?

No

Project Overview

Introduction

The Tennessee Department of Transportation (TDOT), in cooperation with the Federal Highway Administration (FHWA), proposes to replace the SR-87 bridge crossing an overflow of the Hatchie River in Lauderdale County, Tennessee.

Background

A Programmatic Categorical Exclusion (PCE) was approved on 8/20/2018 for the proposed project under PIN 124367.00. Since the approval of the PCE, the project PIN has been changed. The proposed project is now being developed under PIN 128113.05. To date, no other changes to the proposed project have occurred. The PCE and documentation of the PIN change are located in the Technical Appendices.

Existing Conditions

Have there been any changes to the existing conditions?

No

-----End Section-----

Project Development

Purpose

Have there been any changes to the goals and purpose of the project?

No

Need

Have there been any changes to the conditions or issues the project is intending to address?

No

Range of Alternatives

Have any new build design alternatives been developed for this project?

No

Public Involvement

Has there been any public involvement since the approval of the previous documentation?

No

-----End Section-----

Project Design

Existing Layout

Have there been any changes to the existing layout?

No

Proposed Layout

Have there been any changes to the proposed layout?

No

Typical Section

Have there been any changes to the typical section?

No

Scope of Work

Have there been any changes to the scope of work?

No

Right-of-Way

Have there been changes to the amount of right-of-way or easements required for the project?

No

Relocations and Displacements

Have there been any changes to the amount of displacements and relocations?

No

Access Control

Have there been any changes that impact access to adjacent parcels?

No

Traffic Control

Have there been any changes to traffic control measures, detours or closures?

No

Environmental Studies

Does the project require any additional environmental studies at this time?

No

An evaluation of the current project design has determined that additional environmental studies are not required at this time. Should any changes occur, the project will be reassessed to determine if further studies are needed.

-----End Section-----

Conclusion

Determination

Does the original document designation remain valid for this project?

Yes

Designation: Programmatic Categorical Exclusion

This federal-aid highway project qualifies for a Categorical Exclusion under 23 C.F.R 771.117(d) and does not exceed the thresholds listed in Section IV(A)(1)(b) of the 2015 Programmatic Agreement between the Federal Highway Administration, Tennessee Division and the Tennessee Department of Transportation. The Department has determined that the specific conditions and criteria for these CE's are satisfied and that significant environmental impacts will not result from this action. This project is therefore designated as a Programmatic Categorical Exclusion and does not require Administration approval.

Supporting Material

All source material and supporting information is included in the attachments and technical appendices. The attachments are located at the end of the environmental document and include information on funding, agency coordination, and memoranda. The technical appendices are compiled as a separate document and include the project plans, technical study reports and other information.

Certification

By signing below, you certify that this document has been prepared in compliance with all applicable environmental laws, regulations and procedures. You can attest to the document's quality, accuracy, and completeness, and that all source material has been verified, compiled and included in the attachments and technical appendices.

Preparer: Abby Harris

Title: TESS - NEPA

Signature: Abby
Harris

Digitally signed
by Abby Harris
Date: 2018.10.10
12:12:09 -05'00'

Attachments

Acronyms

AADT	Annual Average Daily Traffic	NRCS	Natural Resource Conservation Service
ADA	American Disabilities Act	NRHP	National Register of Historic Places
APE	Area of Potential Effect	PCE	Programmatic Categorical Exclusion
BMP	Best Management Practice	PIN	Project Identification Number
CAA	Clean Air Act	PM	Particulate Matter
CE	Categorical Exclusion	PND	Pond
CEQ	Council of Environmental Quality	RCRA	Resource Conservation and Recovery Act
CFR	Code of Federal Regulations	ROW	Right-of-Way
CMAQ	Congestion Management and Air Quality	ROD	Record of Decision
DEIS	Draft Environmental Impact Statement	RPO	Rural Planning Organization
FEMA	Federal Emergency Management Act	SIP	State Implementation Plan
FONSI	Findings of No Significant Impact	SNK	Sinkhole
EA	Environmental Assessment	SR	State Route
EIS	Environmental Impact Statement	STIP	State Transportation Improvement Plan
EJ	Environmental Justice	STR	Stream
EPA	Environmental Protection Agency	TDEC	T.N. Department of Environment and Conservation
EPH	Ephemeral Stream	TDOT	Tennessee Department of Transportation
FHWA	Federal Highway Administration	TIP	Transportation Improvement Program
FIRM	Flood Insurance Rate Map	SHPO	T.N. State Historic Preservation Office
FPPA	Farmland Protection Policy Act	TPO	Transportation Planning Organization
GHG	Greenhouse Gas	TVA	Tennessee Valley Authority
GIS	Geographic Information System	TWRA	Tennessee Wildlife Resource Agency
IAC	Interagency Consultation	USDOT	U.S. Department of Transportation
LWCF	Land and Water Conservation Fund	USACE	U.S. Army Corps of Engineers
LOS	Level of Service	USFWS	U.S. Fish and Wildlife Service
MOA	Memorandum of Agreement	UST	Underground Storage Tank
MOU	Memorandum of Understanding	VMT	Vehicle Miles Travelled
MPO	Metropolitan Planning Organization	VPD	Vehicles Per Day
MSAT	Mobile Source Air Toxicity	WWC	Wet Weather Conveyance
NEPA	National Environmental Policy Act		

State Transportation Improvement Program

STIP Project List

STIP # 1799001 **TDOT PIN #** **LENGTH IN MILES** **LEAD AGENCY** TDOT

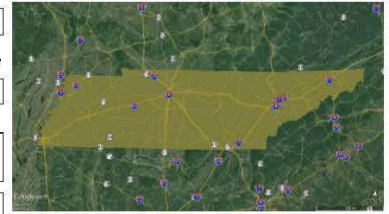
COUNTY STATEWIDE - RURAL **TOTAL PROJECT COST** \$426,000,000

ROUTE

TERMINI SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STBGP) - GROUPING

PROJECT DESCRIPTION SEE APPENDIX STATE GROUPING DESCRIPTION FOR A COMPREHENSIVE LISTING OF ACTIVITIES INCLUDED BUT NOT LIMITED FOR ELIGIBILITY

REMARKS



COUNTY MAP

FY	PHASE	FUNDING	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2017	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2018	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2019	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2020	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	



VICINITY MAP

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

Grouping Category	Function of Grouping Activities	Allowable Work Types
<p>Surface Transportation Block Grant Program (STBG) Grouping</p> <p>STIP# 1799001</p>	<p>Projects and programs for the preservation and improvement of the conditions and performance of Federal-aid highways and public roads, including:</p> <ul style="list-style-type: none"> • Rehabilitation, resurfacing, restoration, preservation, and operational improvements on Federal-aid highways and designated routes of the Appalachian Development Highway System (ADHS) and local access roads under 40 USC 14501. • Traffic operations on Federal-aid highways. • Bridge and tunnel improvements on public roads. • Safety improvements on public roads. • Environmental mitigation • Scenic and historic highway programs. • Landscaping and scenic beautification. 	<p>Activities previously authorized under the Surface Transportation Program (STP):</p> <ul style="list-style-type: none"> • Minor rehabilitation, pavement resurfacing, preventative maintenance, restoration, and pavement preservation treatments to extend the service life of highway infrastructure, including pavement markings and improvements to roadside hardware or sight distance • Highway improvement work including slide repair, rock fall mitigation, drainage repairs, or other preventative work necessary to maintain or extend the service life of the existing infrastructure in a good operational condition • Minor operational and safety improvements to intersections and interchanges such as adding turn lanes, addressing existing geometric deficiencies, and extending on/off ramps • Capital and operating costs for intelligent transportation systems (ITS) and traffic monitoring, management, and control facilities and programs: <ul style="list-style-type: none"> ○ Infrastructure-based intelligent transportation systems (ITS) capital improvements ○ Traffic Management Center (TMC) operations and utilities ○ Freeway service patrols ○ Traveler information • Bridge and tunnel construction (no additional travel lanes), replacement, rehabilitation, preservation, protection, inspection, evaluation, and inspector training and inspection and evaluation of other infrastructure assets, such as signs, walls, and drainage structures • Development and implementation of a State Asset Management Plan including data collection, maintenance and integration, software costs, and equipment costs that support the development of performance-based management systems for infrastructure • Rail-highway grade crossing improvements • Highway safety improvements: <ul style="list-style-type: none"> ○ Installation of new or improvement of existing guardrail ○ Installation of traffic signs and signals/lights ○ Spot safety improvements • Sidewalk improvements • Pedestrian and/or bicycle facilities • Traffic calming and traffic diversion improvements • Transportation Alternatives as defined by 23 USC 213(B), 23 USC 101(A)(29), and Section 1122 of MAP-21 • Noise walls • Wetland and/or stream mitigation • Environmental restoration and pollution abatement • Control of noxious weeds and establishment of native species <p>Activities previously authorized under the Transportation Enhancement Program:</p>

Appendices

<p>Surface Transportation Block Grant Program (STBG) Grouping</p> <p>(continued)</p> <p>STIP# 1799001</p>	<ul style="list-style-type: none"> ● Historic preservation. ● On- and off-road pedestrian and bicycle facilities. ● Infrastructure projects for improving non-driver access to public transportation and enhanced mobility. ● Community improvement activities. ● Recreational Trail Program projects. ● Safe Routes to School (SRTS) projects. ● Transportation Enhancement projects. ● Transportation Alternatives projects. ● Projects for the creation, rehabilitation, and maintenance of multi-use recreational trails. 	<ul style="list-style-type: none"> ○ Pedestrian and bicycle facilities, safety, and educational activities ○ Acquisition of scenic easements and scenic or historic sites ○ Scenic or historic highway programs ○ Landscaping and other scenic beautification activities ○ Historic preservation ○ Rehabilitation and operation of historic transportation buildings, structures, or facilities ○ Preservation of abandoned railway corridors ○ Inventory, control, and removal of outdoor advertising ○ Archaeological planning and research ○ Environmental mitigation to address water pollution due to highway runoff or reduce vehicle-caused wildlife mortality while maintaining habitat connectivity ○ Establishment of transportation museums ○ Activities under the Tennessee Roadscapes grant program, including landscaping, irrigation, benches, trash cans, paths and signage <p>Activities previously authorized under the Safe Routes to School Program (SRTS):</p> <ul style="list-style-type: none"> ● Sidewalk improvements ● Traffic calming and speed reduction improvements ● Pedestrian and bicycle crossing improvements ● On-street bicycle facilities ● Off-street bicycle and pedestrian facilities ● Secure bicycle parking facilities ● Traffic diversion improvements approximately within 2 miles of a school location ● Non-infrastructure related activities: <ul style="list-style-type: none"> ○ Public awareness campaigns and outreach to press and community leaders ○ Traffic education and enforcement in the vicinity of schools <ul style="list-style-type: none"> ▪ Student sessions on bicycle and pedestrian safety, health, and environment ▪ Funding for training, volunteers, and managers of safe routes to school program <p>Activities previously authorized under the Transportation Alternatives Program (TAP):</p> <ul style="list-style-type: none"> ● Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including: <ul style="list-style-type: none"> ○ Sidewalk improvements ○ Bicycle infrastructure ○ Pedestrian and bicycle signals ○ Traffic calming techniques ○ Lighting and other safety-related infrastructure
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Appendices

<p>Surface Transportation Block Grant Program (STBG) Grouping (continued)</p> <p>STIP# 1799001</p>	<ul style="list-style-type: none"> • Projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways. 	<ul style="list-style-type: none"> ○ Transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 • Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs • Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users • Construction of turnouts, overlooks, and viewing areas • Community improvement activities, which include but are not limited to: <ul style="list-style-type: none"> ○ Inventory, control, or removal of outdoor advertising ○ Historic preservation and rehabilitation of historic transportation facilities ○ Vegetation management in transportation rights-of-way to improve roadwaysafety, prevent invasive species, and provide erosion control ○ Archaeological activities relating to impacts from implementation of a transportation project eligible under Title 23 of the USC • Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to: <ul style="list-style-type: none"> ○ Address stormwater management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff ○ Reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats • Recreational Trails Program activities under 23 USC 206 • SRTS Program infrastructure-related projects, non-infrastructure-related activities (such as pedestrian and bicycle safety and educational activities advanced under the SRTS program), and SRTS Coordinator positions. • Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways <p>Activities previously authorized under the Recreational Trails Program (RTP):</p> <ul style="list-style-type: none"> • Maintenance and restoration of existing recreational trails • Development and rehabilitation of trailside and trailhead facilities and trail linkages for recreational trails • Purchase and lease of recreational trail construction and maintenance equipment • Construction of new recreational trails • Acquisition of easements and fee simple title to property for recreational trails or recreational trail corridors • Assessment of trail conditions for accessibility and maintenance • Development and dissemination of publications and operation of educational programs to promote safety and environmental protection • Payment of costs to the State incurred in administering the program
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Technical Appendices

Notice of Activity

State Route (SR) 87

Bridge over Overflow, Log Mile (LM) 3.88

Lauderdale County

PIN 128113.05

Previous Environmental Documentation

Programmatic Categorical Exclusion

State Route (SR) 87

Bridge over Overflow, Log Mile (LM) 3.88 (IA)

Lauderdale County

PIN 124637.00

Submitted Pursuant to the National Environmental Policy Act of 1969, 42 U.S.C. 4332(2)

Environmental Commitments

Owner	Commitment
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**Ecology
EDEC001**

TDOT has committed to seasonal tree removal on this project. The USFWS has given TDOT a finding of "Not Likely to Adversely Affect" for the Indiana bat and Northern long-eared bat, provided that tree cutting on this project is done between October 15 and March 31.

Project Information

General Information

Route: SR-87
Termini: Bridge over Overflow, LM 3.88 (IA)
Municipality: Unincorporated (west of Henning)
County: Lauderdale
PIN: 124637.00
Plans: Transportation Investment Report (TIR)
Date of Plans: 04/02/2018

Project Funding

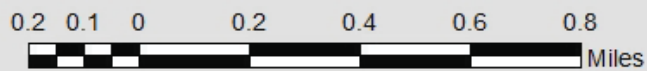
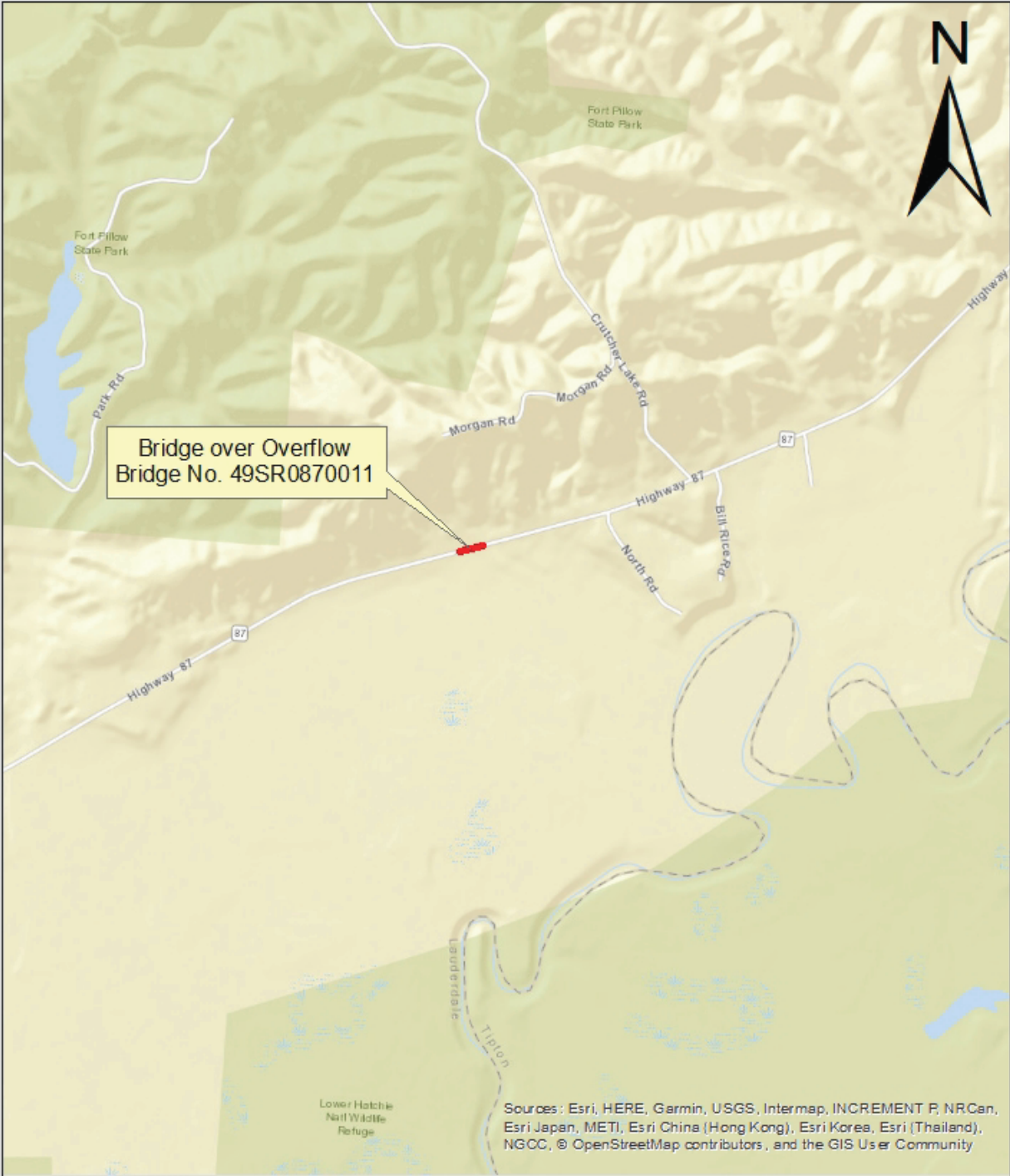
Planning Area: West Tennessee Rural Planning Organization (RPO)

STIP/TIP: 1799001 - Surface Transportation Block Grant Program (STBGP) - Grouping

Funding Source	Preliminary Engineering	Right-of-Way	Construction
Federal	BR-STP-87(9)	BR-STP-87(9)	BR-STP-87(9)
State	49006-1241-94	49006-2241-94	49006-3241-94

Project Location

Project Location Map PIN 124637.00 Lauderdale County SR-87 Bridge over Overflow, LM 3.88



Project Overview

Introduction

The Tennessee Department of Transportation (TDOT), in cooperation with the Federal Highway Administration (FHWA), proposes to replace the SR-87 bridge crossing an overflow of the Hatchie River in Lauderdale County, Tennessee.

Background

Every two years, TDOT performs a comprehensive inspection and subsequent evaluation of all public bridges across the state in order to determine the status of their working condition and operating limits to ensure that they are in accordance with the Federal Highway Administration (FHWA) National Bridge Inspection Standards (NBIS). These inspections are recorded and published in the National Bridge Inventory (NBI) Tennessee Inventory and Appraisal Report. One of the components of this evaluation is the designation of a sufficiency rating. A sufficiency rating is calculated for each individual bridge that is used to carry vehicular traffic. Ratings are measured on a scale of 0 to 100. A rating of 100 corresponds to a bridge that qualifies as an “entirely sufficient bridge,” while a rating of 0 denotes a bridge that is “entirely deficient.” Bridges that receive a sufficiency rating of less than 80.0 are eligible for rehabilitation; bridges that earn a rating below 50.0 are eligible for replacement. Another component of the NBI are the condition ratings. Condition ratings are used to describe the existing, in-place bridge as compared to the as-built condition. The physical condition of the deck, superstructure, and substructure components of a bridge are evaluated for a condition rating. Condition ratings are assigned codes ranging from 0-9, with 0 being failed condition and 9 being excellent condition.

The National Bridge Inventory (NBI) Tennessee Inventory and Appraisal Report published on 04/05/2016 listed the subject SR-87 bridge as having a sufficiency rating of 40.7, qualifying it for replacement. Since the time of the 2016 report, bridge repairs were performed to improve conditions until a full bridge replacement could occur. The Technical Appendices includes coordination with TDOT's Strategic Transportation Investment Division about the maintenance work, as well as the 2016 report and maintenance recommendations.

According the NBI Tennessee Inventory and Appraisal Report published on 07/27/2018, located in the Technical Appendices, the subject bridge has a sufficiency rating of 53.4. The bridge's superstructure received a condition rating of five or fair condition, indicating that all of the primary structural elements are sound but may have minor section loss, cracking, spalling or scour. The substructure, and stream channel and channel protection both received a condition rating of six or satisfactory condition, indicating that the structural elements show some minor deterioration. The bridge's deck received a condition rating of seven or satisfactory condition, with some structural elements exhibiting minor deterioration.

Project Development

Need

The proposed project is needed to address insufficient structural elements of the project SR-87 bridge as indicated by the assigned conditions ratings and overall sufficiency rating of 53.4.

Purpose

The purpose of the proposed project is to improve the structural elements of the project SR-87 bridge by replacing the existing bridge to meet current TDOT design standards.

Range of Alternatives

Other than the selected design, were any alternative build designs developed for this project?

No

No-Build

In the development of design solutions that address the needs outlined above and achieve the purpose of the project, TDOT evaluated the potential consequences should the project not be implemented. This option, known as the No-Build alternative, assumed the continuation of current conditions and set the baseline from which the impacts of the selected design were compared.

Public Involvement

Has there been any public involvement for the project?

No

Project Design

Existing Conditions and Layout

Based on the TIR, the project bridge was built in 1986, is a single span still I-beam bridge with a timber deck and asphalt overlay. The bridge has an out-to-out width of 28 feet-six inches and a length of 29 feet. The bridge carries two 10-foot lanes, one in either direction, and is classified as a rural major collector.

Scope of Work

The proposed would construct a single-span pre-stressed box beam bridge with a total length of 32 feet-three inches. The new bridge will also require the grade of the roadway to be raised 2.5 inches. According to the TIR, an additional option may be considered at the time of design to lower the vertical clearance of the proposed bridge by 2.5 inches. The proposed structure will consist of two 11-foot travel lanes with three-foot shoulders and single slope concrete parapets. The bridge would have an out-to-out width of 29 feet-4.5 inches. The project limits would extend 100 feet from the structure to the east and to the west in order to install 75 feet of guardrail each direction and provide the necessary length for the vertical curve run out.

Right-of-Way

Does this project require the acquisition of right-of-way or easements?

Yes

Right-of-Way Acquisition Table

Permanent Acquisition			Temporary Acquisition		
R.O.W Acquisition	Drainage Easements	Total	Slope Easements	Construction Easements	Total
0.140	0.000	0.140	0.000	0.000	0.000

*Measured in acres

As stated in the TIR, "It is estimated that four tracts of land will be affected resulting in approximately 0.14 acres of right-of-way (ROW) acquisition. It is also estimated that overhead utilities will need to be relocated."

Displacements and Relocations

Will this project result in residential, business or non-profit displacements and relocations?

No

Changes in Access Control

Will changes in access control impact the functional utility of any adjacent parcels?

No

Traffic and Access Disruption

At this time, are traffic control measures and temporary access information available?

Yes

Phased construction with one lane closed while the other remains open with temporary traffic signals and temporary barricades being utilized. The remaining travel lane must have a 10-foot width.

Environmental Studies

Water Resources

Are there any water resources, wetlands or natural habitat located within the project area?

Yes

Water Resources				
Resource Type	Label	Quality	Impact Type	Amount
Perennial Stream	STR-1	Undetermined	Undetermined	100.00

*Units measured in linear feet.

Mitigation of impacts to streams or any other fluvial systems will be accomplished through the avoidance and minimization of potential impacts during the design process. Permanent stream alterations such as relocations, impoundments or channel modification will be mitigated on-site to the extent possible in order to return the channel to its most probable natural state. Impacts that cannot be mitigated on-site will be subject to a compensatory mitigation plan that may include restoration of a comparable resource or application of an in-lieu fee program.

Protected Species

Is the Grouped Programmatic No Effect Activities (2017) consultation and the TDEC-DNA (2015) MOA applicable to this project?

No

Rare Species Dataviewer:

The TDEC Rare Species Dataviewer was reviewed on 04/18/2018.

Rare Species List			
Species Name	Status	Species Potential within Right-of-Way	Accommodations
<i>Juglans cinerea</i>	State	Low Potential: Present habitat unsuitable	BMP's
<i>Schisandra glabra</i>	State	Low Potential: Unreliable record	BMP's
<i>Hybognathus placitus</i>	State	Low Potential: Unreliable record	BMP's
<i>Anhinga anhinga</i>	State	Low Potential: Not observed during visit	Not practical
<i>Myotis austroriparius</i>	State	Low Potential: Present habitat unsuitable	Not practical
<i>Atractosteus spatula</i>	State	Low Potential: Present habitat unsuitable	BMP's
<i>Dendroica cerulean</i>	State	Low Potential: Not observed during visit	BMP's
<i>Neotoma floridana illinoensis</i>	State	Low Potential: Not observed during visit	BMP's
<i>Carex hyaline</i>	State	Low Potential: Present habitat unsuitable	Not practical
<i>Egretta caerulea</i>	State	Low Potential: Extinct or extirpated	BMP's
<i>Sternula antillarum athalassos</i>	Fed/State	Low Potential: Present habitat unsuitable	BMP's
<i>Ictinia mississippiensis</i>	State	Low Potential: Present habitat unsuitable	BMP's
<i>Argea alba</i>	State	Low Potential: Not observed during visit	BMP's

No species were reported within a one mile radius of the project limits and 13 were found within a one to four mile radius of the project. A list of those species can be found in the table above.

U.S. Fish and Wildlife Service (USFWS):

Coordination with the USFWS was completed on 06/08/2018.

In a letter dated 06/08/2018, located in the Technical Appendices, the USFWS states, "the project is eligible for placement under the [Programmatic Bat Consultation] with determinations of 'not likely to adversely affect' for the Indiana bat and NLEB." The letter also states, "We are unaware of any other federally listed or proposed species that could potentially be impacted by the project. Therefore, based on the best information available at this time, we believe that the requirements of section 7 of the Endangered Species Act (Act) of 1973, as amended, are fulfilled for all species that currently receive protection under the Act. Obligations under the Act should be reconsidered if (1) new information reveals impacts of the proposed action that may affect listed species or critical habitat in a manner not previously considered, (2) the proposed action is subsequently modified to include activities which were not considered during this consultation, or (3) new species are listed or critical habitat designated that might be affected by the proposed action."

Tennessee Wildlife Resources Agency (TWRA):

Coordination with TWRA was completed on 05/15/2018.

In a letter dated 05/15/2018, located in the Technical Appendices, the TWRA states, "The implementation of standard BMP's will be sufficient to satisfy the needs of the Tennessee Wildlife Resources Agency for this proposed project."

Floodplain Management

Flood Zone: Zone X (Shaded Gray) - Area of 500-year Flood

Portions of this project are located in or near a FEMA defined floodplain however there is no detailed study. The project is located on Flood Insurance Rate Maps in Lauderdale County, Panel 325 of 500, Map # 47097C0325D. The design of the roadway system will be consistent with the Memorandum of Understanding (MOU) between FHWA and FEMA and with the floodplain management criteria set forth in the National Flood Insurance Regulations of Title 44 of the Code of Federal Regulations (CFR). It will be consistent with the requirements of floodplain management guidelines for implementing Executive Order 11988 and FHWA guidelines 23 CFR 650A. A portion of the FEMA FIRM is included in the Attachments.

Air Quality

Transportation Conformity:

Correspondence dated 04/13/2018 with TDOT's Air Quality and Noise Section states, "This project is in Lauderdale County which is in attainment for all regulated criteria pollutants. Therefore, conformity does not apply to this project."

Mobile Source Air Toxics (MSAT):

In the correspondence referenced above, it states, "This project qualifies as a categorical exclusion under 23 CFR 771.117 and, therefore, does not require an evaluation of MSATs per FHWA's [Federal Highway Administration] 'Interim Guidance Update on Air Toxic Analysis in NEPA [National Environmental Policy Act] Documents' dated October 2016."

Noise

In accordance with FHWA requirements and TDOT's Noise Policy this project is determined to be **Type III**

No significant noise impacts are anticipated for this project and a noise study is not needed.

Farmland

Is this project exempt from the provisions of the Farmland Protection Policy Act (FPPA)? **Yes**

FPPA Exemption: Small Acreage (3 acres or less for an existing bridge or interchange)

Section 4(f)

Does this project involve the use of property protected by Section 4(f) (49 USC 303)?

No

Section 6(f)

Does this project involve the use of property assisted by the L&WCF?

No

Cultural Resources

Does the Interstate Highway exemption or MOU between TDOT and the SHPO (2015) apply?

No

Are NRHP listed or eligible cultural resources within the project Area of Potential Effect (APE)?

No

Historic/Architectural Concurrence:

Concurrence from the TN State Historic Preservation Office (TN-SHPO) was received on 06/12/2018.

In a letter dated 06/12/2018, located in the Technical Appendices, the TN-SHPO states, "We concur that no architectural resources eligible for listing in the National Register of Historic Places will be affected by this undertaking. If project plans are changed or archaeological remains are discovered during project 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."

Archaeology Concurrence:

Concurrence from the TN State Historic Preservation Office (TN-SHPO) was received on 06/21/2018.

In a letter dated 06/12/2018, located in the Technical Appendices, the TN-SHPO states, "We find that no archaeological resources eligible for listing in the National Register of Historic Places will be affected by this undertaking. If project plans are changed or archaeological remains are discovered during project 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."

Native American Consultation

Does this project require Native American consultation?

Yes

Native American Consultation was requested on 04/30/2018. No tribes responded within the consultation period.

Native American Consultation

Sent	Response		Sent	Response	
<input type="checkbox"/>	<input type="checkbox"/>	Absentee Shawnee Tribe of Oklahoma	<input type="checkbox"/>	<input type="checkbox"/>	Muscogee (Creek) Nation
<input type="checkbox"/>	<input type="checkbox"/>	Cherokee Nation	<input type="checkbox"/>	<input type="checkbox"/>	Poarch Band of Creek Indians
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chickasaw Nation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quapaw Tribe of Oklahoma
<input type="checkbox"/>	<input type="checkbox"/>	Choctaw Nation of Oklahoma	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shawnee Tribe
<input type="checkbox"/>	<input type="checkbox"/>	Eastern Band of Cherokee Indians	<input type="checkbox"/>	<input type="checkbox"/>	Thlopthlocco Tribal Town
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Eastern Shawnee Tribe of Oklahoma	<input checked="" type="checkbox"/>	<input type="checkbox"/>	United Keetoowah Band of Cherokee Indians
<input type="checkbox"/>	<input type="checkbox"/>	Kialegee Tribal Town	<input type="checkbox"/>	<input type="checkbox"/>	Other

Environmental Justice

Are there any disproportionately high or adverse effects on low-income or minority populations? No

The proposed project does not have the potential to cause disproportionately high or adverse effects on low-income or minority populations.

Hazardous Materials

Does the project involve any asbestos containing materials? No

Does the project involve any other hazardous material sites? No

Bicycle and Pedestrian

Does this project include accommodations for bicycles and pedestrians? No

Policy Exception: Other factors where there is a demonstrated absence of need or prudence.

Correspondence dated 04/17/2018 from the TDOT Multimodal Transportation Resources Division, located in the Technical Appendices, states, "This project is exempt from multimodal accommodations. As a bridge replacement project on a facility with no existing accommodations, there is a demonstrated absence of prudence."

Environmental Commitments

Does this project involve any environmental commitments? Yes

Additional Environmental Issues

Are there any additional environmental concerns involved with this project? No

Conclusion

Review Determination

Determination: Programmatic Categorical Exclusion

This federal-aid highway project qualifies for a Categorical Exclusion under 23 C.F.R 771.117(d) and does not exceed the thresholds listed in Section IV(A)(1)(b) of the 2016 Programmatic Agreement between the Federal Highway Administration, Tennessee Division and the Tennessee Department of Transportation. The Department has determined that the specific conditions and criteria for these CEs are satisfied and that significant environmental impacts will not result from this action. This project is therefore designated as a Programmatic Categorical Exclusion and does not require Administration approval.

Reference Material

All source material used in support of the information and conclusions presented in this document are included in the attachments and technical appendices. The attachments are located at the end of the environmental document and include information on funding, agency concurrence, applicable agency agreements, and special commitment support. The technical appendices are compiled as a separate document and include the project plans, technical reviews, reports and any other additional information.

Preparer Certification

By signing below, you certify that this document has been prepared in compliance with all applicable environmental laws, regulations and procedures. You can attest to the document's quality, accuracy, and completeness, and that all source material has been compiled and included in the attachments and technical appendices.

Abby
Harris

Digitally signed by
Abby Harris
Date: 2018.08.20
13:42:16 -05'00'

Document Preparer

Document Approval

By signing below, you officially concur that this document is in compliance with all applicable environmental laws, regulations and procedures. You have reviewed and verified the document's quality, accuracy, and completeness and that all source material has been compiled and included in the attachments and technical appendices.

Joseph D. Santangelo

Digitally signed by Joseph D. Santangelo
Date: 2018.08.20 13:47:00 -05'00'

Tennessee Department of Transportation

Attachments

Acronyms

AADT	Annual Average Daily Traffic	NRCS	Natural Resources Conservation Service
ADA	Americans with Disabilities Act	NRHP	National Register of Historic Places
APE	Area of Potential Effect	PCE	Programmatic Categorical Exclusion
BMP	Best Management Practice	PIN	Project Identification Number
CAA	Clean Air Act	PM	Particulate Matter
CE	Categorical Exclusion	PND	Pond
CEQ	Council on Environmental Quality	RCRA	Resource Conservation and Recovery Act
CFR	Code of Federal Regulations	ROW	Right-of-Way
CMAQ	Congestion Mitigation and Air Quality	ROD	Record of Decision
DEIS	Draft Environmental Impact Statement	RPO	Rural Planning Organization
FEMA	Federal Emergency Management Agency	SIP	State Implementation Plan
FONSI	Finding of No Significant Impact	SNK	Sinkhole
EA	Environmental Assessment	SR	State Route
EIS	Environmental Impact Statement	STIP	State Transportation Improvement Program
EJ	Environmental Justice	STR	Stream
EPA	Environmental Protection Agency	TDEC	TN Department of Environment and Conservation
EPH	Ephemeral Stream	TDOT	Tennessee Department of Transportation
FHWA	Federal Highway Administration	TIP	Transportation Improvement Program
FIRM	Flood Insurance Rate Map	SHPO	State Historic Preservation Office
FPPA	Farmland Protection Policy Act	TPO	Transportation Planning Organization
GHG	Greenhouse Gas	TVA	Tennessee Valley Authority
GIS	Geographic Information System	TWRA	Tennessee Wildlife Resources Agency
IAC	Interagency Consultation	USDOT	U.S. Department of Transportation
LWCF	Land and Water Conservation Fund	USACE	U.S. Army Corps of Engineers
LOS	Level of Service	USFWS	U.S. Fish and Wildlife Service
MOA	Memorandum of Agreement	UST	Underground Storage Tank
MOU	Memorandum of Understanding	VMT	Vehicle Miles Traveled
MPO	Metropolitan Planning Organization	VPD	Vehicles Per Day
MSAT	Mobile Source Air Toxics	WWC	Wet Weather Conveyance
NEPA	National Environmental Policy Act		

State Transportation Improvement Program

STIP Project List

STIP # 1799001 **TDOT PIN #** **LENGTH IN MILES** **LEAD AGENCY** TDOT

COUNTY STATEWIDE - RURAL **TOTAL PROJECT COST** \$426,000,000

ROUTE

TERMINI SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STBGP) - GROUPING

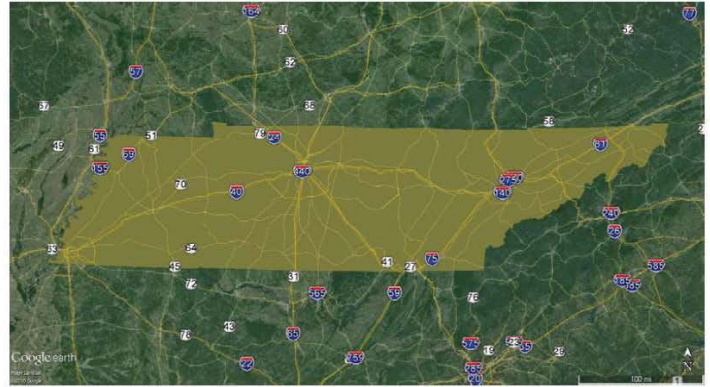
PROJECT DESCRIPTION SEE APPENDIX STATE GROUPING DESCRIPTION FOR A COMPREHENSIVE LISTING OF ACTIVITIES INCLUDED BUT NOT LIMITED FOR ELIGIBILITY

REMARKS



COUNTY MAP

FY	PHASE	FUNDING	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2017	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2018	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2019	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	
2020	PE, ROW, CONST	STBG	106,500,000	85,200,000	21,300,000	



VICINITY MAP

ALL SCHEDULES SUBJECT TO AVAILABILITY OF FUNDS

Grouping Category	Function of Grouping Activities	Allowable Work Types
<p>Surface Transportation Block Grant Program (STBG) Grouping</p> <p>STIP# 1799001</p>	<p>Projects and programs for the preservation and improvement of the conditions and performance of Federal-aid highways and public roads, including:</p> <ul style="list-style-type: none"> • Rehabilitation, resurfacing, restoration, preservation, and operational improvements on Federal-aid highways and designated routes of the Appalachian Development Highway System (ADHS) and local access roads under 40 USC 14501. • Traffic operations on Federal-aid highways. • Bridge and tunnel improvements on public roads. • Safety improvements on public roads. • Environmental mitigation • Scenic and historic highway programs. • Landscaping and scenic beautification. 	<p>Activities previously authorized under the Surface Transportation Program (STP):</p> <ul style="list-style-type: none"> • Minor rehabilitation, pavement resurfacing, preventative maintenance, restoration, and pavement preservation treatments to extend the service life of highway infrastructure, including pavement markings and improvements to roadside hardware or sight distance • Highway improvement work including slide repair, rock fall mitigation, drainage repairs, or other preventative work necessary to maintain or extend the service life of the existing infrastructure in a good operational condition • Minor operational and safety improvements to intersections and interchanges such as adding turn lanes, addressing existing geometric deficiencies, and extending on/off ramps • Capital and operating costs for intelligent transportation systems (ITS) and traffic monitoring, management, and control facilities and programs: <ul style="list-style-type: none"> ○ Infrastructure-based intelligent transportation systems (ITS) capital improvements ○ Traffic Management Center (TMC) operations and utilities ○ Freeway service patrols ○ Traveler information • Bridge and tunnel construction (no additional travel lanes), replacement, rehabilitation, preservation, protection, inspection, evaluation, and inspector training and inspection and evaluation of other infrastructure assets, such as signs, walls, and drainage structures • Development and implementation of a State Asset Management Plan including data collection, maintenance and integration, software costs, and equipment costs that support the development of performance-based management systems for infrastructure • Rail-highway grade crossing improvements • Highway safety improvements: <ul style="list-style-type: none"> ○ Installation of new or improvement of existing guardrail ○ Installation of traffic signs and signals/lights ○ Spot safety improvements • Sidewalk improvements • Pedestrian and/or bicycle facilities • Traffic calming and traffic diversion improvements • Transportation Alternatives as defined by 23 USC 213(B), 23 USC 101(A)(29), and Section 1122 of MAP-21 • Noise walls • Wetland and/or stream mitigation • Environmental restoration and pollution abatement • Control of noxious weeds and establishment of native species <p>Activities previously authorized under the Transportation Enhancement Program:</p>

Appendices

<p>Surface Transportation Block Grant Program (STBG) Grouping</p> <p>(continued)</p> <p>STIP# 1799001</p>	<ul style="list-style-type: none"> ● Historic preservation. ● On- and off-road pedestrian and bicycle facilities. ● Infrastructure projects for improving non-driver access to public transportation and enhanced mobility. ● Community improvement activities. ● Recreational Trail Program projects. ● Safe Routes to School (SRTS) projects. ● Transportation Enhancement projects. ● Transportation Alternatives projects. ● Projects for the creation, rehabilitation, and maintenance of multi-use recreational trails. 	<ul style="list-style-type: none"> ○ Pedestrian and bicycle facilities, safety, and educational activities ○ Acquisition of scenic easements and scenic or historic sites ○ Scenic or historic highway programs ○ Landscaping and other scenic beautification activities ○ Historic preservation ○ Rehabilitation and operation of historic transportation buildings, structures, or facilities ○ Preservation of abandoned railway corridors ○ Inventory, control, and removal of outdoor advertising ○ Archaeological planning and research ○ Environmental mitigation to address water pollution due to highway runoff or reduce vehicle-caused wildlife mortality while maintaining habitat connectivity ○ Establishment of transportation museums ○ Activities under the Tennessee Roadscapes grant program, including landscaping, irrigation, benches, trash cans, paths and signage <p>Activities previously authorized under the Safe Routes to School Program (SRTS):</p> <ul style="list-style-type: none"> ● Sidewalk improvements ● Traffic calming and speed reduction improvements ● Pedestrian and bicycle crossing improvements ● On-street bicycle facilities ● Off-street bicycle and pedestrian facilities ● Secure bicycle parking facilities ● Traffic diversion improvements approximately within 2 miles of a school location ● Non-infrastructure related activities: <ul style="list-style-type: none"> ○ Public awareness campaigns and outreach to press and community leaders ○ Traffic education and enforcement in the vicinity of schools <ul style="list-style-type: none"> ▪ Student sessions on bicycle and pedestrian safety, health, and environment ▪ Funding for training, volunteers, and managers of safe routes to school program <p>Activities previously authorized under the Transportation Alternatives Program (TAP):</p> <ul style="list-style-type: none"> ● Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including: <ul style="list-style-type: none"> ○ Sidewalk improvements ○ Bicycle infrastructure ○ Pedestrian and bicycle signals ○ Traffic calming techniques ○ Lighting and other safety-related infrastructure
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Appendices

<p>Surface Transportation Block Grant Program (STBG) Grouping (continued)</p> <p>STIP# 1799001</p>	<ul style="list-style-type: none"> • Projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways. 	<ul style="list-style-type: none"> ○ Transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 • Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs • Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users • Construction of turnouts, overlooks, and viewing areas • Community improvement activities, which include but are not limited to: <ul style="list-style-type: none"> ○ Inventory, control, or removal of outdoor advertising ○ Historic preservation and rehabilitation of historic transportation facilities ○ Vegetation management in transportation rights-of-way to improve roadwaysafety, prevent invasive species, and provide erosion control ○ Archaeological activities relating to impacts from implementation of atransportation project eligible under Title 23 of the USC • Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to: <ul style="list-style-type: none"> ○ Address stormwater management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff ○ Reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats • Recreational Trails Program activities under 23 USC 206 • SRTS Program infrastructure-related projects, non-infrastructure-related activities (such as pedestrian and bicycle safety and educational activities advanced under the SRTS program), and SRTS Coordinator positions. • Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways <p>Activities previously authorized under the Recreational Trails Program (RTP):</p> <ul style="list-style-type: none"> • Maintenance and restoration of existing recreational trails • Development and rehabilitation of trailside and trailhead facilities and trail linkages for recreational trails • Purchase and lease of recreational trail construction and maintenance equipment • Construction of new recreational trails • Acquisition of easements and fee simple title to property for recreational trails or recreational trail corridors • Assessment of trail conditions for accessibility and maintenance • Development and dissemination of publications and operation of educational programs to promote safety and environmental protection • Payment of costs to the State incurred in administering the program
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United States Department of the Interior

FISH AND WILDLIFE SERVICE

Tennessee ES Office
446 Neal Street
Cookeville, Tennessee 38501



June 8, 2018

Mr. Eric Philipps
Tennessee Department of Transportation
Environmental Technical Office
300 Benchmark Place,
Jackson, Tennessee 38301

Subject: FWS# 18-I-0517. Proposed State Route 87 Bridge replacement over an overflow to the Hatchie River at LM 3.88; PIN# 124637.00, Lauderdale County, Tennessee.

Dear Mr. Philipps:

Thank you for your correspondence dated May 17, 2018, regarding the proposed replacement of the State Route 87 Bridge over an overflow to the Hatchie River in Lauderdale County, Tennessee. The Tennessee Department of Transportation (TDOT) has chosen to place the project under the Range-wide Programmatic Consultation between the Federal Highway Administration, Federal Railroad Administration, Federal Transit Administration, and the U.S. Fish and Wildlife Service (Service) (Programmatic Bat Consultation), and has submitted project specific information through the IPaC Assisted Determination Key. Personnel of the Service have reviewed the subject proposal and offer the following comments.

The Programmatic Bat Consultation addresses transportation-related impacts to the federally endangered Indiana bat (*Myotis sodalis*) and threatened northern long-eared bat (NLEB) (*Myotis septentrionalis*) from removal of potentially suitable summer roosting habitat. Under the Programmatic Bat Consultation, transportation-related activities resulting in a "not likely to adversely affect" finding include all wintertime forested clearing within 100 feet of roadway surface or railroad ballast that does not remove known roosts or documented foraging/travel corridors and is no closer than one-half mile from the entrance of a documented hibernaculum. Based on the information provided, the project is eligible for placement under the consultation herein referenced with determinations of "not likely to adversely affect" for the Indiana bat and NLEB.

We are unaware of any other federally listed or proposed species that could potentially be impacted by the project. Therefore, based on the best information available at this time, we believe that the requirements of section 7 of the Endangered Species Act (Act) of 1973, as amended, are fulfilled for all species that currently receive protection under the Act. Obligations under the Act should be reconsidered if (1) new information reveals impacts of the proposed action that may affect listed species or critical habitat in a manner not previously considered, (2) the proposed action is

subsequently modified to include activities which were not considered during this consultation, or (3) new species are listed or critical habitat designated that might be affected by the proposed action.

If you have any questions regarding our comments, please contact John Griffith at 931/525-4995 or by email at john_griffith@fws.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Gale". The signature is written in a cursive, flowing style.

Michael Gale
Acting Field Supervisor

Tennessee Wildlife Resource Agency Coordination

From: [Casey Parker](#)
To: [Eric Philipps](#); [TDOT Env.LocalPrograms](#)
Cc: [Rob Todd](#)
Subject: RE: Request for Comment; Lauderdale, SR-87 Bridge over Overflow, PIN 124637.00
Date: Tuesday, May 15, 2018 12:39:08 PM
Attachments: [image001.png](#)
[image002.png](#)

Subject: Request for Comment; Lauderdale, SR-87 Bridge over Overflow, PIN 124637.00

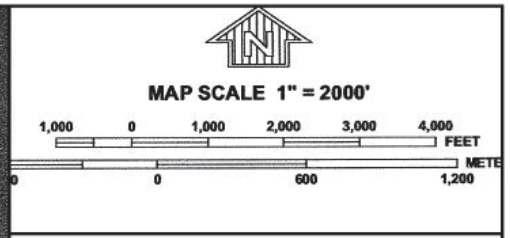
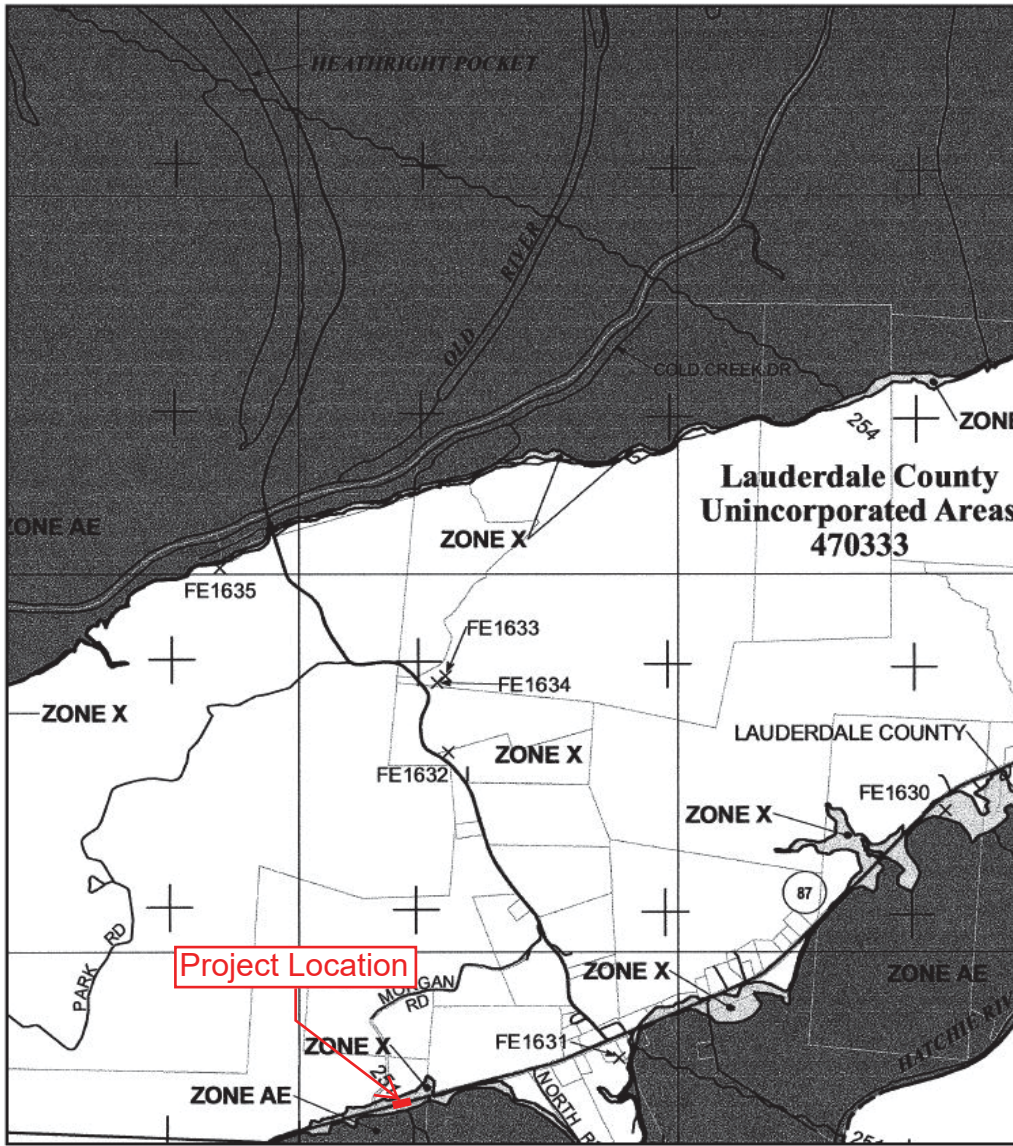
Mr. Eric Phillips,

I have reviewed the information that you provided regarding the proposed bridge replacement on SR-87 in Lauderdale County, Tennessee. The implementation of standard BMP's will be sufficient to satisfy the needs of the Tennessee Wildlife Resources Agency for this proposed project. Thank you for the opportunity to review and comment, please contact me if you need further assistance.

Casey Parker - Wildlife Biologist
Liaison to TDOT & Federal Highway Administration
Tennessee Wildlife Resources Agency
Environmental Services Division
Email: casey.parker@tn.gov



Floodplain Map



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0325D

FIRM
FLOOD INSURANCE RATE MAP
LAUDERDALE COUNTY, TENNESSEE
AND INCORPORATED AREAS

PANEL 325 OF 500
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LAUDERDALE COUNTY	470333	0325	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
47097C0325D

EFFECTIVE DATE
SEPTEMBER 28, 2007

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at www.msc.fema.gov



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

June 12, 2018

Ms. Katherine Looney
Tennessee Department of Transportation
505 Deaderick St
Suite 900
Nashville, TN 37243-1402

RE: FHWA / Federal Highway Administration, Replacement of the SR 87 Bridge over Overflow,
Log Mile 3.88/ PIN 124637.00, , Lauderdale County, TN

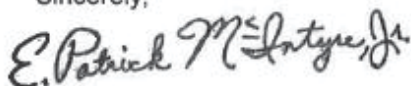
Dear Ms. Looney:

In response to your request, we have reviewed the architectural survey report and accompanying documentation submitted by you regarding the above-referenced 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 applicants 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 (Federal Register, December 12, 2000, 77698-77739).

Considering the information provided, we concur that no architectural resources eligible for listing in the National Register of Historic Places will be affected by this undertaking. If project plans are changed or archaeological remains are discovered during project 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. Questions or comments may be directed to Casey Lee (615 253-3163).

Your cooperation is appreciated.

Sincerely,



E. Patrick McIntyre
Executive Director and
State Historic Preservation Officer

EPM/cjl



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

June 21, 2018

Mr. Phillip R. Hodge
Tennessee Department of Transportation
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, TN 37243-1402

RE: FHWA / Federal Highway Administration, SR-87 Bridge Replacement at Log Mile 3.88,
Lauderdale County, TN

Dear Mr. Hodge:

In response to your request, we have reviewed the archaeological report of investigations and accompanying documentation submitted by you regarding the above-referenced 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 applicants 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 (Federal Register, December 12, 2000, 77698-77739).

Considering the information provided, we find that no archaeological resources eligible for listing in the National Register of Historic Places will be affected by this undertaking. If project plans are changed or archaeological remains are discovered during project 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. Complete and/or updated Tennessee Site Survey Forms should be submitted to the Tennessee Division of Archaeology for all sites recorded and/or revisited during the current investigation. Questions or comments may be directed to Jennifer Barnett (615) 687-4780.

Your cooperation is appreciated.

Sincerely,

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

EPM/jmb

Environmental Commitments

Project Commitments



Counties: **Route:** **PIN:**
Termini:
POA: **Public Involvement Level:** **Turn In Date:**

Filter Criteria
 Division Section: Search:

Commitment ID	Commitment Type	Source Division (Section)	Commitment Description	Plans Report	Status
EDHZ001	Environment	Environmental Division, Hazardous Materials	An Asbestos	<input checked="" type="checkbox"/>	Pending
EDEC001	Environment	Environmental Division, Ecology	TDOT has committed	<input type="checkbox"/>	Pending

Commitment Details

History | **Follow Up Details**
Commitment Description: TDOT has committed to seasonal tree removal on this project. The USFWS has given TDOT a finding of "Not Likely to Adversely Affect" for the Indiana bat and Northern long-eared bat, provided that tree cutting on this project is done between October 15 and March 31.
Commitment History Remark:
Station/Location:
GPS: **Commitment To:** **Long Term Maintenance Commitment:**
Consideration Made On: **Commitment Created By:** **Commitment Created On:**
Commitment Made Active: **Commitment Completed:**

Message from webpage

TDOT has committed to seasonal tree removal on this project. The USFWS has given TDOT a finding of "Not Likely to Adversely Affect" for the Indiana bat and Northern long-eared bat, provided that tree cutting on this project is done between October 15 and March 31./TDOT has committed to seasonal tree removal on this project. The USFWS has given TDOT a finding of "Not Likely to Adversely Affect" for the Indiana bat and Northern long-eared bat, provided that tree cutting on this project is done between October 15 and March 31.

Project Development

From: [Joseph Santangelo](#)
To: [Abby Harris](#); [Brittany Hyder](#); [Crystal Alfaro](#)
Cc: [Sharon Sanders](#)
Subject: Design-Build Bridge Projects
Date: Wednesday, October 3, 2018 1:10:38 PM
Attachments: [image001.png](#)
Importance: High

All,

The PINs have recently changed for all of these projects. Please see below and update your tracking reports and project files accordingly.

If you have projects that have been approved under the old PIN, I'm awaiting guidance on how to proceed...

Brittany – 124139.00 – New PIN: 128113.01

Crystal – 124285.00 – New PIN: 128113.02

Abby – 124505.00 – New PIN: 128113.03

Abby – 124503.00 – New PIN: 128113.04

Abby – 124637.00 – New PIN: 128113.05

Crystal – 124712.00 – New PIN: 128113.06

Thank you,



Joe Santangelo | Environmental Supervisor
Environmental Division – NEPA Section
James K. Polk Building, 9th Floor
505 Deaderick Street
Nashville, TN 37243
p. 615-253-1454
Joseph.Santangelo@tn.gov