

Programmatic Categorical Exclusion

Reevaluation

State Route (SR) 223

(Shady Grove Rd.) Bridge over Branch at L.M. 2.28

Madison County

PIN 128113.06

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

Sharon Sanders Digitally signed by Sharon Sanders
Date: 2019.10.01 23:59:14 -05'00'

10/1/2019

Tennessee Department of Transportation

Date

Project Information

General Information

Route: State Route (SR) 223
Termini: (Shady Grove Rd.) Bridge over Branch at L.M. 2.28
County: Madison
PIN: 128113.06
Plans: Preliminary Bridge Replacement Plans
Date of Plans: 06/12/2019

Project Funding

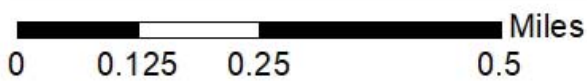
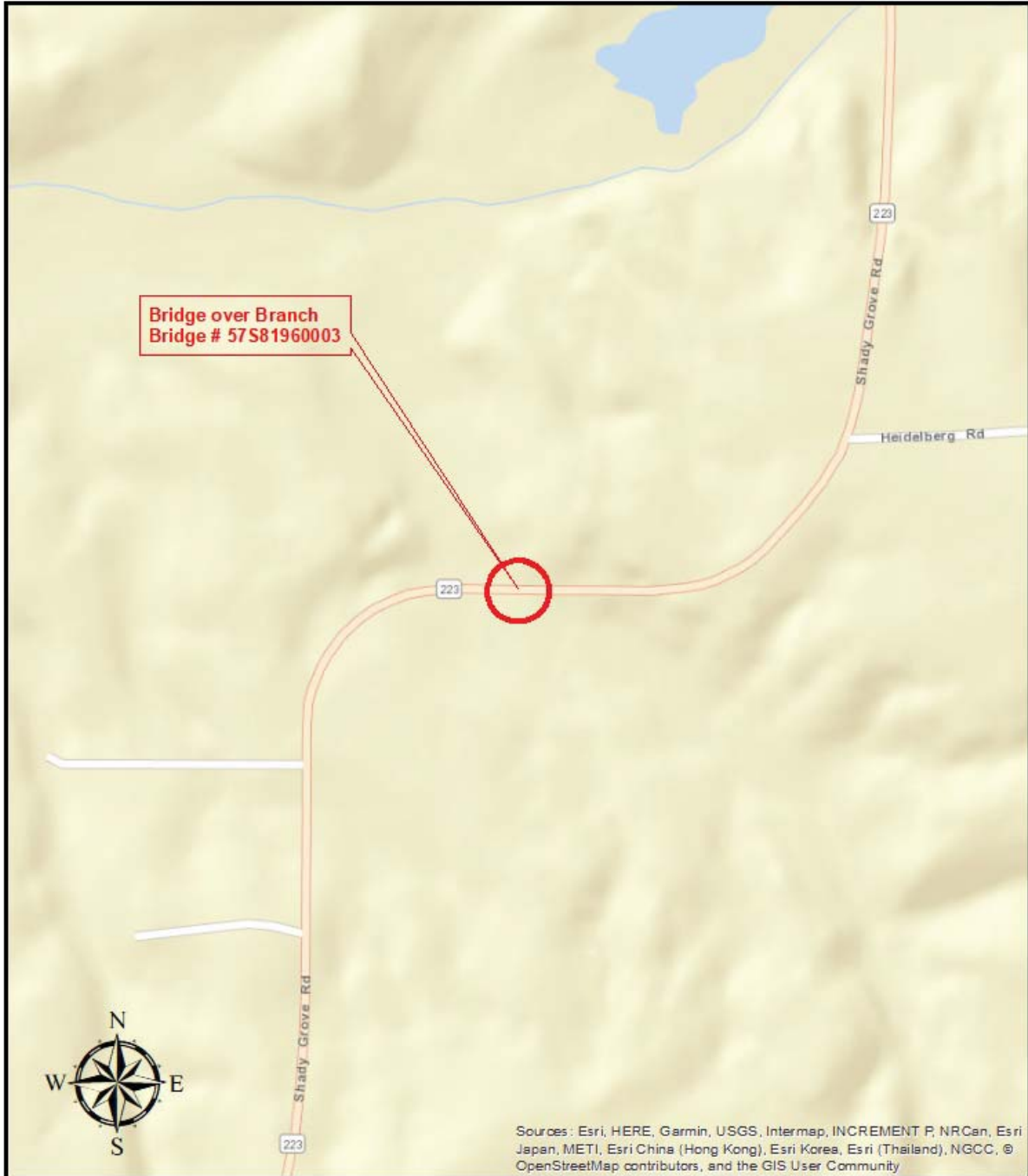
Planning Area: Jackson Area Metropolitan Planning Organization (MPO)

STIP/TIP: TIP: STBG-05 - Surface Transportation Block Grant (STBG) Grouping
STIP: # 1799001 - Surface Transportation Block Grant Program (STBGP) - Grouping

Funding Source	Preliminary Engineering	Right-of-Way	Construction
Federal	BR-STP-223(11)	BR-STP-223(11)	BR-STP-223(11)
State	57039-0231-94	57039-2231-94	57039-3231-94

Project Location

**State Route (SR) 223
(Shady Grove Rd.) Bridge over Branch at L.M. 2.28
Madison County
128113.06**



**County: Madison
PIN: 128113.06**

-----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	10/12/2018	Transportation Investment Report	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-223 (Shady Grove Road) bridge over an unnamed branch at Log Mile (LM) 2.28 in Madison County, Tennessee.

Background

A Programmatic Categorical Exclusion (PCE) was approved on October 12, 2018, for the proposed project. According to the Preliminary Plans, dated June 12, 2019, there is an increase in Right-of-Way acquisition of approximately 0.623 acres as well as a change in the typical section, which prompted a reevaluation of the environmental effects of the project. The previously approved PCE is located in the Technical Appendices.

The Transportation Investment Report (TIR) dated April 2, 2018, provided an official detour route of approximately 30.6 miles and a local detour route of 7.1 miles. A detour route of 25 miles or greater warrants a D-List CE level document to be approved by FHWA. Coordination with FHWA dated June 21, 2019, states, "Please process in-house [TDOT] since there is a feasible 7.1 mile detour." FHWA coordination can be found 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?

Yes

The typical section described in the PCE approved on October 12, 2018, consisted of two 11-foot travel lanes (one in either direction) and three foot shoulders. The Preliminary Plans dated June 12, 2019, provide a typical section consisting of two 11-foot travel lanes (one in either direction) and four foot shoulders (Figure 1).

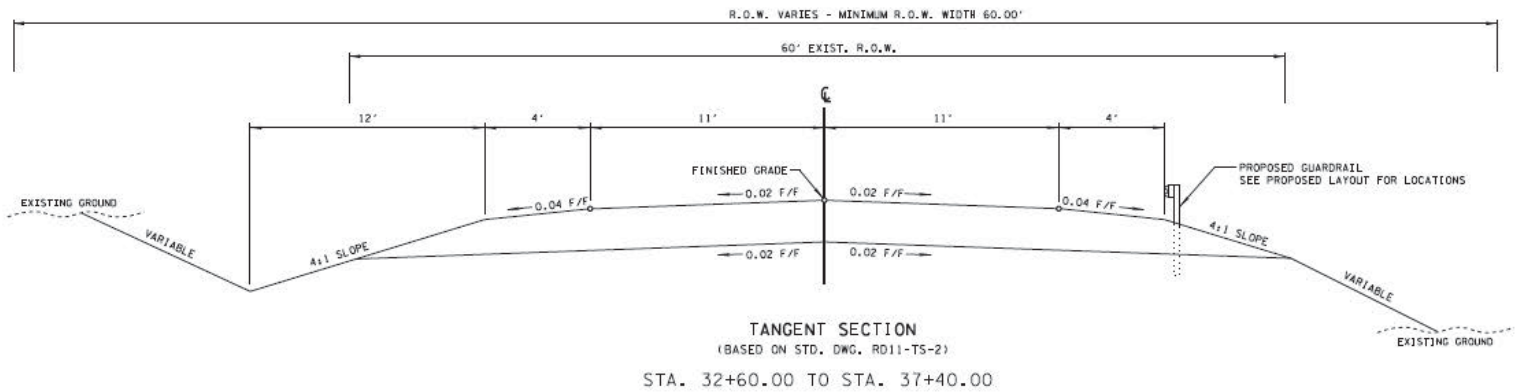


Figure 1: Tangent Section, Preliminary Plans dated June 12, 2019.

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?

Yes

	Right-of-Way (ROW) Acquisition Table				Total
	Permanent		Temporary		
	ROW Acquisition	Drainage Easements	Slope Easements	Construction Easements	
Previous:	0.060	0	0	0	0.060
Current:	0.683	0	0	0	0.683

*Totals are calculated in acreage

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?

Yes

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

Environmental Studies

Water Resources

Have there been any changes that impact any streams, wetlands, or rivers in the project area?

No

Navigable Waterways

Have there been any changes that impact a navigable waterway?

No

Protected Species

Have there been any changes that affect protected species?

No

Floodplain Management

Have there been any changes to the floodplain location or potential floodplain impacts?

Yes

Flood Zone: Zone X (White) - Area Determined to be Outside the 500-year Floodplain.

The PCE approved on October 12, 2018 inaccurately listed the project as being located in Zone A. The proposed project, however, is located in Zone X (White). The project is not in a FEMA floodway, floodplain, or study area, and is located on Flood Insurance Rate Map (FIRM) in Madison County, Panel 375 of 435, Map # 47113C0375E. A portion of the FEMA FIRM is included in Technical Appendices.

Air Quality

Have there been any changes that impact the previous air quality determinations?

No

Noise

Have there been any changes that impact the noise type or require additional noise studies?

No

Farmland

Have there been any changes that affect farmland?

No

Section 4(f)

Have there been changes that involve property protected by Section 4(f) (49 USC 303)?

No

Section 6(f)

Have there been changes that involve property purchased with assistance from the L&WCF?

No

Cultural Resources

Have there been any changes that affect cultural resources?

No

Native American Consultation

Have there been any changes that require Native American consultation?

Yes

Coordination with the TDOT Cultural Resources Section dated August 27, 2019, states, "NAC [Native American Consultation] was sent to the Absentee Shawnee and the Thlopthlocco Tribal Town on July 16, 2019 to bring NAC up to date. Neither tribe responded."

Native American Consultation					
Sent	Response		Sent	Response	
<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	Chickasaw Nation	<input type="checkbox"/>	<input type="checkbox"/>	Quapaw Tribe of Oklahoma
<input type="checkbox"/>	<input type="checkbox"/>	Choctaw Nation of Oklahoma	<input type="checkbox"/>	<input type="checkbox"/>	Shawnee Tribe
<input type="checkbox"/>	<input type="checkbox"/>	Eastern Band of Cherokee Indians	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Thlopthlocco Tribal Town
<input type="checkbox"/>	<input type="checkbox"/>	Eastern Shawnee Tribe of Oklahoma	<input 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

Have there been any changes that impact low-income or minority populations?

No

Hazardous Materials

Have there been any changes that affect hazardous material sites?

No

Environmental Commitments

Have there been any changes to the environmental commitments?

No

Additional Environmental Issues

Are there any additional environmental concerns involved with this project?

Yes

Additional Environmental Studies

<input checked="" type="checkbox"/>	Multimodal	<input type="checkbox"/>	Geotechnical	<input type="checkbox"/>	Visual Impacts	<input type="checkbox"/>	Indirect and Cumulative Impacts	<input type="checkbox"/>	Other
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Multimodal Transportation

Correspondence dated June 19, 2019, with TDOT's Multimodal Transportation Resources Division states, "This project accommodates bicyclists with 4' shoulders in a rural area."

Previous coordination dated June 8, 2018, states, "This bridge project is exempt from Multimodal accommodation due to low ADT and rural nature of project."

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: Jonathan Knudsen

Title: TDOT Environmental Studies Specialist

Signature: Jonathan
Knudsen

Digitally signed by Jonathan
Knudsen
Date: 2019.10.01 15:25:07 -05'00'

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		