Calhoun/Grenada 8 BR-0016-03(027); 106968-301000 BR-0016-02(037); 106968-302000

Section 404 General Permit 46 and Section 401 Water Quality Location Maps



Name: Grenada and Calhour Date: 12/02/20 Scale: 1 inch = 2,000 ft. Location: 033° 45' 24.3459" N, 089° 35' 25.3789" W Grenada and Calhoun 8 bridge replacements FMS: 106968/301000/302000



Table of Impacts

Data Point	Wetland ID#	Site # OR Worksheet #	Latitude*	Longitude*	Approximate Station Number	Section- Township- Range	Area from ROW to ROW (Acres)	Cowardin Classification	Impact**
DP-7	W-1	7	33.763536	-89.483695	969+65	20-22N-8E	0.93	PFO	No impacts
DP-3	W-2	6, 7	33.764181	-89.482401	968+00	20-22N-8E	0.45	PSS	0.29 acres of temporary clear 0.33 acres of permanent fill
DP-11	W-3	6	33.763301	-89.486576	960+30	20-22N-8E	0.63	PFO	No impacts
DP-17	W-4	5	33.762946	-89.496869	928+90	19-22N-8E	1.57	PFO	No impacts
DP-18	W-5	5	33.762601	-89.499121	922+00	19-22N-8E	2.84	PEM	No impacts
N/A	W-6	5	33.762300	-89.499900	919+75	19-22N-8E	0.25	PEM	No impacts
N/A	W-7	5	33.762900	-89.501100	919+00	19-22N-8E	0.90	PFO	0.04 acres of temporary clear
N/A	W-8	5	33.762900	-89.501100	918+00	19-22N-8E	1.58	PFO	0.87 acres of temporary clear 2.58 acres of permanent fill
N/A	W-9	4, 5	33.762900	-89.501100	908+00	19-22N-8E	2.22	PEM	0.44 acres of temporary clear 0.19 acres of permanent fill
N/A	W-10	5	33.761900	-89.500700	917+00	19-22N-8E	0.38	PEM	No impacts
N/A	W-11	5	33.761900	-89.500700	917+00	19-22N-8E	0.79	PFO	No impacts
DP-25	W-12	3	33.769508	-89.590079	598+00	20-22N-7E	0.59	PFO	0.06 acres of temporary clear 0.03 acres of permanent fill
DP-25	W-12	3	33.769508	-89.590079	597+00	20-22N-7E	0.59	PFO	0.004 acres of permanent fill

Table 1. Wetland Data Point Summary Table

DP- Data point- collection point for sampling data for wetland assessment

W-Wetland- areas described as wetlands

PFO - Palustrine Forested

PEM – Palustrine Emergent PSS – Palustrine Shrub-Scrub

Station Numbers are approximate *Latitude and Longitude in Decimal Degrees, NAD 83, State Plane

**Wetland Impacts are one of the following - Permanent Fill, Temporary Fill, Shading, Clearing with no grubbing

Station Numbers are approximate

Wetland Summary:	Total Present (acres)	Temporary Fill (acres)	Permanent Fill (acres)	Temporary Clear (acres)
Forested:	3.58	0	2.61	0.97
Shrub-Scrub:	0.62	0	0.33	0.29
Emergent:	0.63	0	0.19	0.44
Total	4.83	0	3.13	1.70

CA #	Site #/ OR Worksheet #	Latitude*	Longitude*	Section- Township- Range	Approximate Station Number	Туре	Length in Project Area (feet)	Channel Width (feet)	Name	Impact**
2	6	33.762608	-89.486314	20-22N-8E	960+85	I	1496.11	70	Sabougla Canal Relief	17 linear feet new bridge shading
3	6	33.762487	-89.489472	20-22N-8E	948+95	Ρ	762.33	130	Sabougla Canal	17 linear feet new bridge shading
4	5	33.762502	-89.494034	19-22N-8E	935+75	Ρ	914.66	50	Sabougla Creek	17 linear feet new bridge shading
5	5	33.762542	-89.500330	19-22N-8E	916+20	Ρ	691.15	60	Horse Pen Creek	17 linear feet new bridge shading
8	3	33.760561	-89.586257	20-22N-7E	609+07	I	749.50	55	Butputter Creek Relief	36 linear feet new bridge shading
9	3	33.760306	-89.588527	20-22N-7E	600+80	Р	740.16	80	Butputter Creek	16 linear feet new bridge shading
9	3A	33.760306	-89.588527	20-22N-7E	109+62	Ρ	749.50	25	Butputter Creek Relief	15 linear feet temporary bridge shading
9	ЗA	33.760306	-89.588527	20-22N-7E	101+22	Р	740.16	60	Butputter Creek	30 linear feet temporary bridge shading

 Table 2.
 Channel Assessment Table

CA- Channel Assessment- Channel Assessment point location

Type: P-Perennial

I-Intermittent E-Ephemeral

Station numbers (Sta.) are approximate

CA Summary:	Total Present (linear feet)	New Bridge Width Shade/ Clear (ft)	Temporary Bridge Width Shade/Clear (ft)	Culvert/ Pipe (ft)	Rip rap (ft)	Relocate and Fill (ft)
Perennial	2533	67	45	0	0	0
Intermittent	0	53	0	0	0	0
Ephemeral	0	0	0	0	0	0
Total	2533	120	45	0	0	0

Note: Sheet ECD-17 will not be included with the plans.

Roadway and Bridge Plans

GENERAL INDEX

IN Ti Pi	NCLUDED HIS ROJECT	BEGIN WITH SHEET
	ROADWAY PERMANENT SIGNS TRAFFIC SIGNALS ITS COMPONENTS LIGHTING (RESERVED)	1 1001 2001 3001 4001 5001
	ROADWAY STANDARD DWGS BOX CULVERT STD. DRAWINGS (LRFD) . BOX CULVERT STD. DRAWINGS (STD. SP BRIDGE CROSS SECTIONS	 6001 7001 EC.)7501 8001 9001



BRIDGE STRUCTURES REQ'D.

GRENADA COUNTY BUTPUTTER CREEK BRIDGE BRIDGE NO. 89.8 **STA. 600 + 80** 3@100' LENGTH ALONG & 300'

BUTPUTTER CREEK RELIEF BRIDGE STA. 609+07 RELIEF 1@135' LENGTH ALONG © 135'

前出

前出

前出

To Grenada

Gore

Springs _ •

CALHOUN COUNTY

HORSE PEN CREEK BRIDGE BRIDGE NO. 94.9 STA. 916 + 20 3@110' LENGTH ALONG (2330'

SABOUGLA CREEK BRIDGE STA. 935 + 75 BRIDGE NO. 95.2 3@110' LENGTH ALONG 🤅 330'

SABOUGLA CANAL BRIDGE BRIDGE NO. 95.5 STA. 948+95 1@100', 1@130', 1@100' LENGTH ALONG © 330'

SABOUGLA CANAL RELIEF BRIDGE BRIDGE NO. 95.7 STA. 960 + 85 1@80', 1@100', 1@80' LENGTH ALONG (260'

BOX BRIDGES REO'D.

N⁄A

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN CORPORATION LINE
SECTION LINE
EXISTING ROAD OR TRAVELED WAY
PROPOSED ROAD OR TRAVELED WAY
SURVEY LINE
BRIDGES



LENGTH OF ROADWAY	2,465.000 FT.	0.466 MI.	LENGTH OF ROADWAY	8,018.091 FT.	1.519	MI.	LENGTH OF ROADWAY	10,483.091 FT.	1.984
LENGTH OF BRIDGES	435.000 FT.	0.083 MI.	LENGTH OF BRIDGES	1,250.000 FT.	0.237	MI.	LENGTH OF BRIDGES	1,685.000 FT.	0.320
LENGTH OF PROJECT (NET)	2,900.000 FT.	0.549 MI.	LENGTH OF PROJECT (NET)	9,268.091 FT.	1.756	MI.	LENGTH OF PROJECT (NET)	12,168.091 FT.	2.305
LENGTH OF EXCEPTIONS	0.000 FT.	<u>0 MI.</u>	LENGTH OF EXCEPTIONS	<u> </u>		MI.	LENGTH OF EXCEPTIONS	<u> </u>	0
LENGTH OF PROJECT (GROSS)	2,900.000 FT.	0.549 MI.	LENGTH OF PROJECT (GROSS)	9,268.091 FT.	1.756	MI.	LENGTH OF PROJECT (GROSS)	12,168.091 FT.	2.305

LENGTH DATA

CALHOUN COUNTY

BR-0016-02(037) & BR-0016-03(027)

PROJECT TOTAL

R.O.W. FMS 106968/202000 & 106968/201000							
PLANS STAGE	DATE PRINTED						
PRE-R.O.W.							
FIELD INSPECTION							
R.O.W. PLANS TO SMD							
FINAL R.O.W.							
R.O.W. REVISION							
OFFICE REVIEW	08-04-2020						

106968/301000

STATE	PROJECT NUMBER	NO.
MISSISSIPPI	BR–0016–02(037) BR–0016–03(027)	1
ARTINITIAN AND A TCHEZ	HOLLY SPRINGS OXFORD HOUSTON H	ABERDEEN COLUMBUS
(CALHOUN) L	AT. 33°45′45″ LONG. 89°29	9′38″
(APPF	OX. MIDDLE OF PROJECT)	
DESI 65 ADT (<u>20</u> DHV =_	GN CONTROL (RURAL ART _MPH = V (SPEED DESIGN) 20) = <u>1,800</u> : ADT (<u>2040</u>) = _ <u>240</u> : D = <u>60</u> % T=_	ERIAL) <u>2,200</u> <u>16</u> %
Р	ERMITS ACQUIRED BY MD	от
	WETLANDS AND WATERS PERMITS	
NATION NATION GENERA INDIVIDU	WATERS W NIDE #14	
	STORMWATER PERMIT	
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	v
S N NO	CONTRACTOR (1 TO 4.99 ACRES)	
	nuveu di: 	

SHEET









DESIGN TEAM: STANTEC

FILENAME: WK 5.DGN

SHEET ID: SR 8

SHEET ID: SR 8

V.P.I. Sta. 904+50.00 V.P.I. Elev. 204.9600

*NOTE: 2:1 slope end bent

NOTE:

For General Notes, Estimated Quantities and additonal details, see sheet no. Al.

NOTE:

Geotextile fabric is required under all riprap. All riprap and geotextile fabric shown on the bridge plans are included in the bridge quantities. NO TE:

For information plans, see sheet no. INFO-1B. Additional information on the existing bridge is available for inspection in the Bridge Division.

500 YEAR 3	SCOUR ELEV.
Bent no.	Elevation
/	221.5
2 - 3	200.5
4	221.5

00 (U.S.G.S) 8,871 c.f.s.

Roadway Width Gutter To Gutter Class "BDX" (4,500 psi) Stay in place metal forms. . . . 18 lbs/sq. ft. Seismic performance zone. Seismic soil site class. C

Seismic operational class. Other

		STATE	PROJECT NO.
		MISS.	BR-0016-03(027)
V.P.C. Sta. 921+00.00 V.P.C. Elev. 247.5600			
-			
90 25'-0"+ 0 5			
$0.5 = 25 = 0 \pm 0.5.$			
-Top of riprap = 250.0	0		
	0		
	0		
Elev. 224.0	2		
	0		
200.0	0		
4			
18 interims			
MISSISSI	PI DEPART	MENT OF TI	RANSPORTATION
BRI	dge at	STA. 91	6+18.92
IIIISR 8	ACROSS	HORSF	PFN CRFFK
		AYOUT	
PRFI IMINARY	368/301000		
NOT FOR	Calhoun	-0015-0000-	WORKING NUMBER
	inuimiden: BK Eriess CH Eriess IS:	ビーレン(ビーノ) ECKER <u>Lon Burt</u> SUE DATE 2020-12-16	AL OF AIL SHEET NUMBER
DIRECTOR OF S DEP. DIR. OF STRUCT	TRUCTURES, STATE BRIDGE E TURES, ASST. STATE BRIDGE	ENGINEER - JUSTIN WALKER, F ENGINEER - SCOTT WESTERFI	P.E. 8005

PLAN BRIDGE DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTA

ad: ad ampm dgnet i fnamf

			STATE	PROJECT	NO.
			MISS.	BR-ØØ16-Ø	3(Ø27)
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Sec	5 > >				
pical					
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roadway bridae at	12 0				
919+51.08	—12'-0''				
of travel lane	-8'-0''				
nger nne					
_	<u>£</u> Existing approach				
access the second se	roadway				
	-				
CONCRETE OF THE					
497 -		_			
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	MISSISSIPI	PI DEPARTME	ENT OF T	RANSPORT	ATION
	HH BRIC	GE AT S	TA. 91	6+18.92	2
	IIISR 8,	ACRASS L	IORSF	PFN CR	FFK
		FOUNDA	TION P		
	ENS: 10696	8/301000			
PRELIMINARY	COUNTY: Ca	alhoun		WORKING	G NUMBI
NOT FOR	PROJECT N	NUMBER: BR-ØG	016-03(02)	7) A3 C	
ONSTRUCTION		UCTURES, STATE BRIDGE ENGINE	DATE 2020-12-16	P.E. 80	NUMBE

**NOTE*: 2:1 slope end bent

NOTE:

For General Notes, Estimated Quantities and additional details, see sheet no. Bl.

NOTE:

Geotextile fabric is required under all riprap. All riprap and geotextile fabric shown on the bridge plans are included in the bridge quantities.

NOTE:

For information plans, see sheet no. INFO-1B. Additional information on the existing bridge is available for inspection on the Bridge Division.

500 YEAR S	SCOUR ELEV.
Bent no.	Elevation
/	217.0
2 - 3	191.5
4	222.5

					СТАТГ			
					MISS.	-	-ØØ16-Ø	3(Ø27)
					L	I		
V.P.C. SI	ta. 941+5	5 <i>0.00</i>						
	'ev. 243.1	5800						
΄_Λ″+ Λ ¢								
-0 ± U.S.								
—Top of riprap	<i>250.0</i>	2						
elev. 239.5 —	240.C	2						
		7						
	<u></u>	2						
	210.0	2						
	200.C	2						
	7.50.0							
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	STATE	PROJECT NO.
	MISS.	BR-ØØ16-Ø3(Ø27)
- Limits of riprap		
-8'-0"		
A CARDON LOD		
-Edge of travel lane -8'-0"		
- <i>t</i> approach - <i>W.P.</i> roadway - <i>W.P.</i> roadway		
End bridge at sta. 939+06.08 -12'-0"		
Edge of travel lane 8'-0"		
1, 7, 7, 7, 7,		
<u>+</u>		
1'-10"		
(\mathcal{A})		
	NT OF T	RANSDORTATION
BRIDGE AT S	TA. 93	85+73.92
SR 8 ACROSS S	SABOUG	GLA CREEK
FOUNDAT	ION PI	
PRELIMINARY		WORKING NUMBER
NOT FOR PROJECT NUMBER: BR-ØØ	116-03(027	7) B3 of B6 — SHEET NUMBER
DETAILER Jacob Priess ISSUE D DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINE DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINE	TATE 2020-12-16 ER - JUSTIN WALKER, ER - SCOTT WESTERF CTATIIC	P.E. 8018

		0.7.4.7.5	
		STATE	PROJECT NO.
		MISS.	BK-0010-03(027)
	V.P.C. Sta. 975+00.00		
	V.P.C. Elev. 238.650		
	270.0		
	<i>260.0</i>		
T C ·	250.0		
elev. 238.6	240.0		
30.0			
	220.0		
	210.0		
	NOTE: Existing roadway embankme	ont shall	
	be removed from Station 958+00 to to natural ground elevation 233	o Station 90 3.0± along ti	65+00 he
	existing angument.		
	2		
NO	TE:		
For	r general notes, quantities, and additiona Sheet No. D1	al details,	
· · · · ·			
	MISSISSIPPI DEPARTME	ENT OF I	RANSPORTATION
	HHH BRIDGE AL S	IA. 96	50+83.69
	SR 8	ACROS	
	SABOUGLA C	ANAL	KELIEF
	LAI		
PRELIMINARY	COUNTY: CALHOUN		
NOT FOR	PROJECT NUMBER: BR-Ø	016-03(02	7) $D2 \text{ OF D18}$
CONSTRUCTION	DESIGNER Jack McMullan CHECKE	R <u>Stephen Diaz</u> DATE 2020-12-16	SHEET NUMBER
	DEP. DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINE DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGIN	LLM - JUSTIN WALKER IEER - SCOTT WESTER CTATII	, F.E. ひどうさ Field, p.e. ひどうさ
		JIAIU	

		STATE MISS.	PROJECT NO. BR-ØØ16-Ø3(Ø27)
			N N
Approximate top of bank			
travel lane ± Approach roadway arc -8'-0" -8'-0"			
NOTE: All longitudinal dimensions are NOTE: Geotextile fabric is required u and geotextile fabric shown on in the bridge quantities. NOTE: Angles shown at end bents are roadway chords to radial lines NOTE: Angles shown at int. bents are roadway chords to radial lines	arc lengths. Inder all riprap. All the bridge plans and measured from & at the bridge face measured from & at & bent.	l riprap ce included approach of the end approach	wall (W.P.).
BR BR	SIPPI DEPARTM RIDGE AT S	<mark>ent of t</mark> 5TA. 96	RANSPORTATION $50+83.69$

NOTE: Geotextile fabric is required under all riprap. All riprap and geotextile fabric shown on the bridge plans are included in the bridge quantities.

- 0.3000 % <u>V.P.C. Sta. 613+</u> <u>V.P.C. Elev. 250</u> .	00.00 /
	6070
F1B-45 8-A14. 500 500 500 500 500 500 500 50	
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2020 NOTE: For general notes, quantities, and additional see Sheet No. A1	details,
MISSISSIPPI DEPARTMENT OF TRAN BRIDGE AT STA. 600+ SR & ACROSS BUTPUTTER CREEK LAYOUT PRELIMINARY NOT FOR PROJECT NUMBER: BR-Ø016-02(037) DESIGNER Jack MCMUllan CONSTRUCTION	WORKING NUMBER A2 OF A14 SHEET NUMBER

PLAN BRIDGE DIVISION SSISSIPPI DEPARTMENT OF TRANSPORTATIC

10°, AV AMPM DGNET I ENAME

		STATE	PROJECT NO.
		MISS.	BR-ØØ16-Ø2(Ø37)
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	IN		
ion Bidway			
25-0 5			
Dical Droac			
oulder line			
of travel lane -8'-0" bridge at			
603+81.25 -12'-0"			
ach roadway Fravel lane			
-8'-0"			
	$\Lambda/\Omega TFS$.		
	Geotextile fabric is required up All Riprap and Geotextile fabric	nder all ripr c shown on	the
	Bridge plans are included in th	e bridge qua	antities.
	For general notes, quantities an see Sheet No. Al.	nd additional	details,
		ENT OF I	RANSPORTATION
	+ BRIDGE AT S	TA. 60)0+78.75
	SR 8	ACROS	S
		ER CR	eek Lan
	FMS: 106968 / 302000		
	COUNTY: GRÉNADA		WORKING NUMBER
	PROJECT NUMBER: BR-ØQ Im Designer Jack McMullan CHECKI	016-02(03 ERStephen Diaz	/) A3 OF A14
CONSTRUCTION	DE FAILER Jack McMullan ISSUE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINE DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINE DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINE	DATE 2020-12-16 EER - JUSTIN WALKER NEER - SCOTT WESTER	, P.E. 8070 FFIELD, P.E.
		STATUS	S: OFFICE REVIEW

Geotextile fabric is required under all riprap. All riprap and geotextile fabric shown on the bridge plans are included in the bridge quantities.

							MISS.	BK-	0016-0	02(037)
613+0000										
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245.5										
	240.0									
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s and t no. B1			MISSIS	SIPPI D	EPART	MENT	s of 1	SRAN	SPORT	ΓΑΤΙΟΝ
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es and of no. Bl			MISSIS	SIPPI D RIDGE	EPART AT SR 8 TTER	MENT STA 3 A(CR	r of 1 A. 6(CROS CEEK	TRAN 09+(S REI	sport)5.8 _IEF	ration 5
es and of no. B1		REVISION BY	MISSIS BF BI	SIPPI D RIDGE UTPU	EPART AT SR E TTER 302000	MENI STA 3 A(CR AYO	r of 1 A. 6(CROS CEEK UT	S REI	sport 5.8 _IEF	ΓΑΤΙΟΝ 55
PRELIMINAR	Y	REVISION BY	MISSIS BF BI FMS: 1Ø6 COUNTY	SIPPI D RIDGE UTPU 5968 / 3 : grena	EPART AT SR 6 TTER 302000 DA	MENI STA 3 A(CR AYO	r of 1 A. 6(CROS CEEK UT	S REI	SPOR7)5.8 _IEF	ration 5 -
PRELIMINAR NOT FOR	Y	REVISION BY	MISSIS BF BI FMS: 100 COUNTY PROJEC	SIPPI D SIPPI D SIDGE UTPU 6968/3 : GRENA T NUMB ett Germond	EPART AT SR E TTER JØ2ØØØ DA ER: BR	MEN7 STA 3 A (CR A Y O	F of 1 A. 6(CROS CEEK UT	7)	SPORT 5.8 _IEF	TATION 55

PROJECT NO.

STATE

PLAN BRIDGE DIVISION SISSIPPI DEPARTMENT OF TRANSPORTATIO

A: AA AMPM DGNET I ENAME

404 Permit Conditions & 401 Water Quality Certification

GENERAL PERMIT

US Army Corps of Engineers. Vicksburg District 4155 Clay Street Vicksburg, MS 39183-3435 www.mvk.usace.army.mil

FILE NO.:	GENERAL PERMIT – 46
DATE:	October 2, 2019
EXPIRES:	October 2, 2024

FOR: REGULATED ACTIVITIES ASSOCIATED WITH THE DISCHARGE OF DREDGED OR FILL MATERIAL IN WATERS OF THE UNITED STATES AND/OR STRUCTURES OR WORK AFFECTING NAVIGABLE WATERS OF THE UNITED STATES ASSOCIATED WITH THE CONSTRUCTION AND STABILIZATION OF ROADWAY EMBANKMENTS AND BRIDGE ABUTMENTS

WHERE: THE STATE OF MISSISSIPPI

BY WHOM: DISTRICT ENGINEER, VICKSBURG DISTRICT, ON BEHALF OF THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION (MDOT)

The U.S. Army Corps of Engineers (USACE), Vicksburg District, is hereby reissuing a Department of the Army General Permit for the discharge of dredged or fill material in waters of the United States and/or structures or work affecting navigable waters of the United States associated with the construction and stabilization of roadway embankments and bridge abutments performed by or having oversight from MDOT within the State of Mississippi. This General Permit shall authorize activities such as the repair and stabilization of existing roadway embankments and bridge abutments; the installation of additional traffic lanes to existing roadways; the upgrading of bridges and other stream-crossing structures; and, construction along new alignments.

This action is being taken pursuant to Federal regulations printed in the <u>Federal</u> <u>Register</u> on November 13, 1986, concerning permits for activities in waters of the United States (U.S.). These regulations state the U.S. Army Corps of Engineers' responsibility for regulating structures or work in or affecting waters of the United States under Section 10 of the Rivers and Harbors Act of 1899 (30 Stat. 1151; 33 U.S.C. 403); and discharges of dredged and/or fill material into waters of the United States under Section 404 of the Clean Water Act (33 U.S.C. 1344).

An agreement was finalized between MDOT, the Federal Highway Administration

(FHWA), and the U.S. Army Corps of Engineers with concurrence from the appropriate Districts on December 12, 2008, which specifies that all MDOT projects within the State will be evaluated by the Vicksburg District. The address is USACE, Vicksburg District, ATTN: Regulatory Branch, 4155 Clay Street, Vicksburg, Mississippi 39183-3435.

Upon expiration of the agreement, since portions of the State are within jurisdictional boundaries of five United States Army Corps of Engineers Districts (enclosure 1), subsequent authorizations to proceed with work proposed under this General Permit will be granted by letter from the appropriate District within whose boundaries the work will be located. The MDOT will be notified of any changes to the agreement and furnished the mailing address of each district.

This General Permit contains certain limitations intended to protect the environment and natural and cultural resources. Conformance with conditions contained in the General Permit does not necessarily guarantee authorization under this General Permit. In cases where the District Engineer considers it necessary, an application will be required for an individual permit.

Regulated construction, dredging, or fill operations not specifically covered by this General Permit are prohibited unless authorized by a separate permit.

General Permits may be issued for a category or categories of activities when: (1) those activities are substantially similar in nature and cause only minimal individual and cumulative environmental impacts; or (2) the General Permit would result in avoiding unnecessary duplication of the regulatory control exercised by another Federal, State, or local agency, provided it has been determined that the environmental consequences of the actions are individually and cumulatively minimal. The determination that the proposed activities comply with the requirements for the issuance of General Permits was made using information which is available for inspection at the office of the Vicksburg District's Regulatory Branch at 4155 Clay Street, Vicksburg, Mississippi.

In compliance with requirements of Section 401 of the Clean Water Act, the Vicksburg District has obtained water quality certification from the Mississippi Department of Environmental Quality (enclosure 2).

The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the U.S. to the maximum extent practicable at the project site (i.e., on site). Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

In order to compensate for any unavoidable losses of functions of jurisdictional waters of the United States associated with the work authorized by this General Permit; the Mississippi Department of Transportation shall develop a compensatory mitigation plan. The compensatory mitigation plan will be fully described in accordance with 33 CFR Parts 325 and 332, Compensatory Mitigation for Losses of Aquatic Resources; Final Rule, April 2008.

REQUEST FOR AUTHORIZATION UNDER THE GENERAL PERMIT: IN ORDER TO BE AUTHORIZED BY THIS GENERAL PERMIT, THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION ARE REQUIRED TO SUBMIT TO THE DISTRICT ENGINEER, IN WRITING, THE FOLLOWING INFORMATION A MINIMUM OF 60 DAYS PRIOR TO THE PROPOSED BID ADVERTISEMENT DATE:

a. Statement that the work will be conducted in compliance with the terms and conditions of General Permit 46, will not adversely impact adjoining properties, and will be mitigated for in accordance with the terms of this General Permit.

b. A location map showing the proposed worksite (including Section, Township, Range, and County).

c. A brief description of the proposed worksite in its present condition.

d. For the selected site, a full set of construction plans (including quantities and types of any fill and quantities of any excavation), maps, and engineering drawings for the proposed activity at that site. These shall include a map of sufficient scale that illustrates an "overlay" of the proposed construction/development activity (e.g. construction roads, ditches, parking areas, lay-down pads, temporary work areas, remaining natural areas, etc.) on jurisdictional waters of the U.S.

e. The estimated starting and completion dates of the proposed construction.

f. Name, mailing address, telephone number, and email address, of the person acting as the point of contact for the requested authorization.

g. If wetlands or other waters of the U.S. are to be impacted, the following information is required:

(1) A map delineating the wetlands and other waters of the U.S. and copies of the associated data form(s) for routine wetland determinations from the 1987 Corps of Engineers Wetland Delineation Manual and its subsequent Regional Supplement Manual(s) covering the proposed project area(s).

(2) The type and date of approval of the NEPA documentation by the FHWA and a copy of their findings as required by Executive Order 11990.

h. A discussion of how adverse impacts to waters of the U.S. from the proposed activity will be avoided and minimized to the maximum extent practicable at the construction site.

i. If the loss or conversion to waters of the United States at a single and complete project site exceeds 0.1 acre, the application shall include a compensatory mitigation plan based on an approved wetland functional assessment methodology. Such recommendations should include copies of all factual information (e.g. worksheets) used in performing the calculations of the functional assessment. (Note: The District Engineer will consider this recommendation, however, the District Engineer retains discretionary authority in making the final decision on compensatory mitigation measures).

j. If impacts to a natural waterway at a single and complete project site exceed 100 linear feet, MDOT shall include a compensatory mitigation plan based on an approved stream functional assessment methodology. Such recommendations shall include copies of all factual information (e.g. worksheets) used in performing the calculations of the functional assessment. (Note: The District Engineer will consider this recommendation, however, the District Engineer retains discretionary authority in making the final decision on compensatory mitigation measures).

k. Comments from the Mississippi Department of Wildlife, Fisheries and Parks, Mississippi Department of Archives and History (including the results of any National Historic Preservation Act, Section 106, consultation actions), United States Fish and Wildlife Service (including the results of any Endangered Species Act, Section 7, consultation actions), and the Mississippi Department of Environmental Quality on the project.

I. Concurrence in writing from the Mississippi Department of Marine Resources (related to the Coastal Zone Management Act) and the National Marine Fisheries Service (including the results of any Magnuson-Steven Fisheries Conservation and Management Act, essential fish habitat consultation actions), if the project is located in Hancock, Harrison, or Jackson County, Mississippi. (See Special Condition h. below).

Upon receipt of this information, the District Engineer will: advise MDOT, in writing, either that the work will be evaluated for authorization under the General Permit 46; will request additional information, if needed; or will advise MDOT that the proposed activity will be evaluated as an individual permit.

Special Conditions:

a. No more than 7 acres of wetlands and other waters shall be directly impacted by the placement of fill at each single and complete crossing of a water of the United States where the proposed work involves either upgrading an existing highway within an established corridor or where the work is to be constructed along a new alignment. Any wetlands cut off from their natural hydrologic regime as a result of project work would be considered as directly impacted.

b. For stream or river crossings, discharges of permanent fill material and temporary

fill material shall be the minimum necessary to complete the crossing. The term fill refers to earthen material, riprap, concrete, and any other materials associated with the work.

c. The stabilization or construction work shall not interfere with navigation (including recreational boating) or adversely impact the flow-carrying capacity of the affected waterbody.

d. Material to be used for fill must be nonpolluting and may be obtained either offsite or from site preparation. Offsite material shall not be obtained from wetlands outside the 7-acre limit or from other areas which may adversely affect adjacent wetlands. Any excess material shall be placed in an upland area and properly contained or stabilized to prevent entry into adjacent water-bodies or wetlands.

e. Disturbed areas on the site shall be stabilized to minimize erosion. Stabilization of erodible areas shall be accomplished by seeding or sodding as soon as practicable to restore vegetative cover. If initial re-vegetation is unsuccessful, the area shall be reseeded or re-sodded until re-vegetation is successful. In areas subject to currents, riprap may be required for slope protection.

f. No activity that has the potential to cause effects to properties listed, or eligible for listing, in the <u>National Register of Historic Places</u>, or a site that has previously been unevaluated, shall be authorized by this General Permit until the requirements of Section 106 of the National Historic Preservation Act have been satisfied. Additional fill material should not be taken from a known historical or archaeological site within or outside of regulated areas. If the permittee, during prosecution of work authorized herein, inadvertently discovers or accidently destroys a cultural resource such as a cemetery, shipwreck, mound, historic structure, or archaeological site, within the area subject to Department of the Army jurisdiction, they must cease work in the immediate area and notify the District Engineer within 24 hours. The District Engineer, in consultation with the appropriate State Historic Preservation Officer and the Federally recognized Tribe, shall comply with the procedures set forth in 33 CFR 325, Appendix C, paragraph 11 (Historic Properties Discovered During Construction).

g. The work shall not occur in a National Wildlife Refuge, State Game Management Area, or other such Federal or State lands, or lands leased to those entities without the appropriate Federal or State authorization in writing.

h. For work within the Mississippi Coastal Zone Management Area, including all areas below Interstate I-10, a set of complete plans shall be sent to the three agencies listed below for review and/or approval as appropriate. Comments and concurrence resulting from this coordination should be submitted with the request for authorization under this General Permit.

- The Mississippi Department of Marine Resources 1141 Bayview Avenue Suite 101 Biloxi, Mississippi 39530
- National Marine Fisheries Service Southeast Regional Office Protected Resources Attention: Ms. Karla Reece 263 13th Ave. S. St. Petersburg, Florida 33701 Email: Karla.reece@noaa.gov
- National Marine Fisheries Service Room 266, Military Science Building Attention: Mr. Brandon Howard South Stadium Drive La. State University Baton Rouge, Louisiana 70803-7535

i. All temporary fills must consist of non-erodible material or be protected to prevent erosion.

j. Any materials used for temporary structures such as cofferdams, equipment pads, or temporary crossings, shall be removed as soon as practicable, and the waterway should be restored to preconstruction contours.

k. Disturbance to riparian vegetation shall be kept to a minimum during construction.

I. No activity shall be authorized under this General Permit which is likely to directly or indirectly jeopardize the continued existence of a Federally-listed threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will likely directly or indirectly destroy or adversely modify the critical habitat of such species. No activity shall be authorized under this General Permit which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed. No activity shall be authorized under this General Permit which "field under this General Permit which "may affect" and the proposed activity has been completed. No activity shall be authorized under this General Permit which "may affect" and the proposed activity has been completed.

m. Discharges shall not restrict or impede the movement of aquatic species indigenous to the waters.

n. All work shall be performed in a manner that will minimize increased turbidity of the water in the project area and otherwise avoid adverse effects on water quality and aquatic life especially during fish spawning season. This may require avoiding construction activities during the peak spawning months of April, May, and June.

o. The discharge shall not adversely affect a public water supply intake or a National or State Fish Hatchery intake.

p. The discharge shall not contain unacceptable levels of pathogenic organisms (as prescribed in standards set by the Mississippi Department of Environmental Quality) in areas used for water-contact sports.

q. The construction activity shall not result in the permanent diversion or relocation of a stream or a river channel except where needed to align a waterway crossing to avoid potential damage to the roadway. In no case, should any realignment extend beyond 150 feet upstream and 150 feet downstream from the centerline of a crossing structure. The construction activity shall not result in stream flow impediment or drain adjacent wetlands.

r. Authorization under this General Permit is valid until the General Permit expires. Activities authorized under this General Permit which are under construction, or that are under contract to commence by the expiration of this General Permit, will remain authorized provided the activity is completed within 12 months of the date of expiration.

s. Current standards and practices shall be used to determine what type drainage structure is required at a particular stream crossing (box culvert, bridge, etc.).

t. To minimize potential adverse impacts to wetlands within the right-of-way or associated with the project, the Mississippi Department of Transportation shall incorporate into each project's design all practicable measures to:

(1) Minimize impact on hydrology in wetland areas.

(2) Minimize potential for toxic spills and leaching into wetland areas.

(3) Minimize discharge of materials, such as silt, into wetlands.

(4) Maintain adequate flow through wetlands by providing culverts, ditches, and other hydrologic structures.

(5) Provide berms, traps, or ditches to direct potential toxic spills away from wetlands.

(6) Provide for animal migration to and from wetland areas or habitat corridors.

(7) Provide erosion and sediment control features throughout the construction phase of a project which will minimize both short- and long-term impacts to water quality.

(8) Provide treatment facilities which may be required to treat highway runoff which would otherwise adversely affect wetlands.

(9) Provide contractual provisions for stopwork orders, project staging, and other specifications pertaining to minimizing impacts on wetlands and to onsite monitoring.

General Conditions:

a. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

b. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

c. This permit does not grant any property rights or exclusive privileges.

d. This permit does not authorize any injury to the property or rights of others.

e. This permit does not authorize interference with any existing or proposed Federal project.

f. In issuing this permit, the Federal Government does not assume any liability for the following:

(1) Damages to the permitted project, or uses thereof, as a result of other permitted or unpermitted activities or from natural causes.

(2) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

(3) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

(4) Design or construction deficiencies associated with the permitted work.

(5) Damage claims associated with any future modification, suspension, or revocation of this permit.

g. In issuing individual authorizations under this General Permit, the Government shall rely on the information and data which the permittee provides in connection with

the permit application. If, subsequent to the authorization, such information and data prove to be false, incomplete, or inaccurate, this authorization may be modified, suspended, or revoked, in whole or in part, and/or the Government may, in addition, institute appropriate legal proceedings.

h. This office may re-evaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

(1) Failure to comply with the terms and conditions of this permit.

(2) The information provided in support of a request for authorization proves to have been false, incomplete, or inaccurate (See g. above).

(3) Significant new information surfaces which was not considered in reaching the original public interest decision.

i. The General Permit is valid for 5 years from the date of the issuance. At the end of that time, the cumulative environmental effects of completed work will be reviewed and reissuance of the permit may be considered. However, if unforeseen adverse environmental effects result from the issuance of this General Permit, it may be modified or terminated at any time.

j. Authorization under this General Permit is valid until the General Permit expires. Activities authorized under this General Permit which are under construction, or that are under contract to commence by the expiration of this General Permit, will remain authorized provided the activity is completed within 12 months of the date of expiration.

MIL. Canalway

Cori Carraway Acting Chief, Regulatory Branch

(ENCLI)

STATE OF MISSISSIPPI PHIL BRYANT Governor MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY GARY C. RIKARD, EXECUTIVE DIRECTOR January 30, 2019

Certified Mail No. 7017 0530 0000 5971 7466

Ms. Jennifer Mallard U.S. Army Corps of Engineers Vicksburg District 4155 Clay Street Vicksburg, Mississippi 39183-3435

Dear Ms. Mallard:

Re: U. S. Army Corps of Engineers Vicksburg District General Permit 46, MDOT Warren County COE No. MVK20180808 WOC No. WQC2018047

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to the U.S. Army Corps of Engineers, Vicksburg District, an applicant for a Federal License or permit to conduct the following activity:

U.S. Army Corps of Engineers, Vicksburg District, General Permit 46: Proposed reissuance of a statewide General Permit for the discharge of dredged or fill material in waters of the United States and/or structures or work affecting navigable waters of the United States associated with the construction and stabilization of roadway embankments and bridge abutments. This General Permit would authorize activities such as the repair and stabilization of existing roadway embankments and bridge abutments; the installation of additional traffic lanes to existing rozdways; the upgrading of bridges and other stream-crossing structures; and construction along new alignments.

This proposed General Permit contains certain limitations intended to protect the environment and natural and cultural resources. Conformance with conditions contained in the General Permit does not necessarily guarantee authorization under this General Permit. In cases where the District Engineer considers it necessary, an application will be required for an individual permit. Regulated construction, dredging, or fill operations not specifically authorized by this General Permit would be prohibited unless authorized by a separate permit.

RECEIVED FEB 0 4 2019

OFFICE OF POLLUTION CONTROL

48690 WOC20180001 POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us AN EQUAL OPPORTUNITY EMPLOYER

General Permits may be issued for a category or categories of activities when: (1) those activities are substantially similar in nature and cause only minimal individual and cumulative environmental impacts; or (2) the General Permit would result in avoiding unnecessary duplication of the regulatory control exercised by another Federal, State, or local agency, provided it has been determined that the environmental consequences of the actions are individually and cumulatively minimal.

In order to be authorized by this General Permit, the Mississippi Department of Transportation would be required to submit to the District Engineer in writing, the following information a minimum of 60 days prior to the proposed bid advertisement date:

- a. Statement that the work would be conducted in compliance with the terms and conditions of General Permit 46, would not adversely impact adjoining properties, and would be mitigated for in accordance with the terms of this General Permit.
- b. A location map showing the proposed worksite (including Section, Township, Range, and County).
- c. A brief description of the proposed worksite in its present condition.
- d. For the selected site, a full set of construction plans (including quantities and types of any fill and quantities of any excavation), maps, and engineering drawings for the proposed activity at that site. These shall include a map of sufficient scale that illustrates an "overlay" of the proposed construction/development activity (e.g. construction roads, ditches, parking areas, lay-down pads, temporary work areas, remaining natural areas, etc.) on jurisdictional waters of the U.S.
- e. The estimated starting and completion dates of the proposed construction.
- f. Name, mailing address, telephone number, and email address of the person acting as the point of contact for the requested authorization.
- g. If wetlands or other waters of the U.S. are to be impacted, the following information is required:
 - (1) A map delineating the wetlands and other waters of the U.S. and copies of the associated data form(s) for routine wetland determinations from the 1987 Corps of Engineers Wetland

Delineation Manual and its subsequent Regional Supplement Manual(s) covering the proposed project area(s).

- (2) The type and date of approval of the NEPA documentation by the FHWA and a copy of their findings as required by Executive Order 11990.
- h. A discussion of how adverse impacts to waters of the U.S. from the proposed activity will be avoided and minimized to the maximum extent practicable at the construction site.
- i. If the loss or conversion to waters of the United States at a single and complete project site exceeds 0.1 acre, the application shall include a compensatory mitigation plan based on an approved wetland functional assessment methodology. Such recommendations should include copies of all factual information (e.g. worksheets) used in performing the calculations of the functional assessment. (Note: The District Engineer will consider this recommendation; however, the District Engineer retains discretionary authority in making the final decision on compensatory mitigation measures).
- j. If impacts to a natural waterway at a single and complete project site exceed 100 linear feet, MDOT would include a compensatory mitigation plan based on an approved stream functional assessment methodology. Such recommendations would include copies of all factual information (e.g. worksheets) used in performing the calculations of the functional assessment. (Note: The District Engineer will consider this recommendation, however, the District Engineer retains discretionary authority in making the final decision on compensatory mitigation measures).
- k. Comments from the Mississippi Department of Wildlife, Fisheries and Parks, Mississippi Department of Archives and History (including the results of any National Historic Preservation Act, Section 106, consultation actions), United States Fish and Wildlife Service (including the results of any Endangered Species Act, Section 7, consultation actions), and the Mississippi Department of Environmental Quality on the project.
- 1. Concurrence in writing from the Mississippi Department of Marine Resources (related to the Coastal Zone Management Act) and the National Marine Fisheries Service (including the results of any Magnuson-Steven Fisheries Conservation and Management Act, essential fish habitat consultation actions) if the project is located in

Hancock, Harrison, or Jackson County, Mississippi. (See Special Condition h. below).

Upon receipt of this information the District Engineer will: advise MDOT, in writing, either that the work will be evaluated for authorization under the General Permit 46; will request additional information, if needed; or will advise MDOT that the proposed activity will be evaluated as an individual permit.

Special Conditions of the General Permit:

- a. No more than 7 acres of wetlands and other waters would be directly impacted by the placement of fill at each single and complete crossing of a water of the United States where the proposed work involves either upgrading an existing highway within an established corridor or where the work is to be constructed along a new alignment. Any wetlands cut off from their natural hydrologic regime as a result of project work would be considered as directly impacted.
- b. For stream or river crossings, discharges of permanent fill material and temporary fill material would be the minimum necessary to complete the crossing. The term fill refers to earthen material, riprap, concrete, and any other materials associated with the work.
- c. The stabilization or construction work would not interfere with navigation (including recreational boating) or adversely impact the flow-carrying capacity of the affected waterbody.
- d. Material to be used for fill must be nonpolluting and may be obtained either offsite or from site preparation. Offsite material would not be obtained from wetlands outside the 7-acre limit or from other areas which may adversely affect adjacent wetlands. Any excess material would be placed in an upland area and properly contained or stabilized to prevent entry into adjacent waterbodies or wetlands.
- e. Disturbed areas on the site would be stabilized to minimize erosion. Stabilization of erodible areas would be accomplished by seeding or sodding as soon as practicable to restore vegetative cover. If initial re-vegetation is unsuccessful, the area would be reseeded or re-sodded until re-vegetation is successful. In areas subject to currents, riprap may be required for slope protection.
- f. No activity that may adversely affect a site listed in or eligible for listing in the National Register of Historic Places would be authorized by this General Permit until the requirements of Section 106 of the National Historic Preservation Act have been satisfied. Additional material would not be taken from a known historical or archaeological site. If you discover any previously

unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by this permit, you must immediately notify the District Engineer of what you have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The District Engineer will initiate the Federal, Tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

- g. The work would not occur in a National Wildlife Refuge, State Game Management Area, or other such Federal or State lands, or lands leased to those entities without the appropriate Federal or State authorization in writing.
- h. For work within the Mississippi Coastal Zone Management Area, including all areas below Interstate I-10, a set of complete plans would be sent to the two agencies listed below for review and/or approval as appropriate. Comments and concurrence resulting from this coordination would be submitted with the request for authorization under this General Permit.
 - Mississippi Department of Marine Resources 1141 Bayview Avenue Suite 101 Biloxi, Mississippi 39530
 - National Marine Fisheries Service Southeast Regional Office Protected Resources Attention: Ms. Karla Reece 263 13th Avenue S. St. Petersburg, Florida 33701 Email: Karla.reece@noaa.gov
 - National Marine Fisheries Service Room 266, Military Science Building Attention: Mr. Brandon Howard South Stadium Drive La. State University Baton Rouge, Louisiana 70803-7535
- i. All temporary fills must consist of non-erodible material or be protected to prevent erosion.
- j. Any materials used for temporary structures such as cofferdams, equipment pads, or temporary crossings, would be removed as soon as practicable, and the waterway would be restored to preconstruction contours.

- k. Disturbance to riparian vegetation would be kept to a minimum during construction.
- 1. No activity shall be authorized under this General Permit which would likely directly or indirectly jeopardize the continued existence of a Federally-listed threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which would likely directly or indirectly destroy or adversely modify the critical habitat of such species. No activity shall be authorized under this General Permit which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed. No activity shall be authorized under this General Permit which "may affect" essential fish habitat as identified under Magnuson-Stevens Fishery Conservation and Management Act, unless essential fish habitat consultation addressing the effects of the proposed activity has been completed.
- m. Discharges would not restrict or impede the movement of aquatic species indigenous to the waters.
- n. All work would be performed in a manner that would minimize increased turbidity of the water in the project area and otherwise avoid adverse effects on water quality and aquatic life especially during fish spawning season. This may require avoiding construction activities during the peak spawning months of April, May, and June.
- o. The discharge would not adversely affect a public water supply intake or a National or State Fish Hatchery intake.
- p. The discharge would not contain unacceptable levels of pathogenic organisms (as prescribed in standards set by the Mississippi Department of Environmental Quality) in areas used for water-contact sports.
- q. The construction activity would not result in the permanent diversion or relocation of a stream or a river channel except where needed to align a waterway crossing to avoid potential damage to the roadway. In no case, would any realignment extend beyond 150 feet upstream and 150 feet downstream from the centerline of a crossing structure. The construction activity would result in neither stream flow impediment nor drain adjacent wetlands.
- r. Authorizations under this General Permit would be valid for five (5) years from the date of the authorizing letter.

- s. Current standards and practices would be used to determine what type drainage structure is required at a particular stream crossing (box culvert, bridge, etc.).
- t. To minimize potential adverse impacts to wetlands within the right-of-way or associated with the project, the Mississippi Department of Transportation would incorporate into each project's design all practicable measures to:
 - (1) Minimize impact on hydrology in wetland areas.
 - (2) Minimize potential for toxic spills and leaching into wetland areas.
 - (3) Minimize discharge of materials, such as silt, into wetlands.
 - (4) Maintain adequate flow through wetlands by providing culverts, ditches, and other hydrologic structures.
 - (5) Provide berms, traps, or ditches to direct potential toxic spills away from wetlands.
 - (6) Provide for animal migration to and from wetland areas or habitat corridors.
 - (7) Provide erosion and sediment control features throughout the construction phase of a project which would minimize both short- and long-term impacts to water quality.
 - (8) Provide treatment facilities which may be required to treat highway runoff which would otherwise adversely affect wetlands.
 - (9) Provide contractual provisions for stopwork orders, project staging, and other specifications pertaining to minimizing impacts on wetlands and to onsite monitoring.

[MVK20180808, WQC2018047]

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

1. The Mississippi Department of Environmental Quality (MDEQ) shall be given a minimum 30-day commenting period for new alignment work that impacts more than three (3) acres of wetlands or 300 linear feet of stream.

- 2. Prior to the start of construction activities, coverage under a Stormwater Construction General NPDES Permit shall be obtained. No construction activities shall begin until such approvals are obtained.
- 3. Extreme care shall be taken to prevent the permanent restriction or impedance of water flow. Pre-construction hydrology shall be maintained.
- 4. All stream impacts (including streams identified as ephemeral by the U.S. Army Corps of Engineers and described as non-relatively permanent waters) shall be mitigated in kind with stream mitigation elements. In the event that stream mitigation is not available and alternate mitigation proposals are provided, a pre-construction notification shall be provided to MDEQ and 10 working days shall be allowed to provide comments.
- 5. A pre-construction notification shall be provided to MDEQ for projects that include channel work within waterways found on the latest version of the State of Mississippi's Section 303(d) List of Impaired Water Bodies for sediment or biological impairment or waterways with a completed Total Maximum Daily Load (TMDL) for sediment or biological impairment. This notification shall include the following:
 - a. Justification of why the impacts cannot be avoided;
 - b. Proposed best management practices that would minimize the impacts to receiving sensitive waters; and
 - c. Compensatory mitigation primarily along the same reach of stream or on another impaired stream within the same drainage basin.
- 6. The turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.
- 7. No sewage, oil, refuse, or other pollutants shall be discharged into the watercourse.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

Mallard Page 9 of 9 January 30, 2019

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

Sincerely,

Kriptel Ridold

Krystal Rudolph, P.E., BCEE Chief, Environmental Permits Division

KR: chb

 cc: Tony Lobred, U.S. Army Corps of Engineers, Vicksburg District Willa Brantley, Department of Marine Resources David Felder, U.S. Fish and Wildlife Service Molly Martin, Environmental Protection Agency

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

General Permit	RGP 46
Number: Identification	MVK-2021-787
Number: Name of	MDOT
Permittee: Issued	11/12/2021
Date: Evaluator Name:	Anthony Lobred
Expiration Date:	10/02/2024

Upon completion of the activity authorized by this permit, sign this certification and return it to the following address:

USACE, Vicksburg District ATTN: Regulatory Division 4155 Clay Street Vicksburg, Mississippi 39183-3435

Please note that your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit modification, suspension, or revocation.

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of the said permit including any required mitigation.

Date Work was Completed:

Signature of Permittee

Date Signed

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

KLQULDI FOK AITLAL	
Applicant: MDOT File Number: MVK-2021-787	Date: 12 Nov 2021
Attached is:	See Section below
INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
PROFFERED PERMIT (Standard Permit or Letter of permission)	В
PERMIT DENIAL	С
APPROVED JURISDICTIONAL DETERMINATION	D
× PRELIMINARY JURISDICTIONAL DETERMINATION	Е
SECTION I - The following identifies your rights and options regarding an administrative decision. Additional information may be found at <u>http://www.usace.army.mil/cecw/page</u> or Corps regulations at 33 CFR Part 331.	e appeal of the above s/reg_materials.aspx
A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.	
• ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the di authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work i signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entit to appeal the permit, including its terms and conditions, and approved jurisdictional determinations assessed.	strict engineer for final s authorized. Your rety, and waive all rights sociated with the permit.
• OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions there the permit be modified accordingly. You must complete Section II of this form and return the form to the Your objections must be received by the district engineer within 60 days of the date of this notice, or y to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your of modify the permit to address all of your concerns, (b) modify the permit to address some of your object the permit having determined that the permit should be issued as previously written. After evaluating district engineer will send you a proffered permit for your reconsideration, as indicated in Section B be	in, you may request that he district engineer. ou will forfeit your right objections and may: (a) tions, or (c) not modify your objections, the elow.
B: PROFFERED PERMIT: You may accept or appeal the permit	
• ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the di authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work i signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entit to appeal the permit, including its terms and conditions, and approved jurisdictional determinations asset	strict engineer for final s authorized. Your rety, and waive all rights sociated with the permit.
• APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms ar may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by comp form and sending the form to the division engineer. This form must be received by the division engine date of this notice.	nd conditions therein, you leting Section II of this eer within 60 days of the
C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Admini by completing Section II of this form and sending the form to the division engineer. This form must be rec engineer within 60 days of the date of this notice.	strative Appeal Process eived by the division
D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the provide new information.	e approved JD or
• ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appear	within 60 days of the l the approved JD.
• APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Appeal Process by completing Section II of this form and sending the form to the division engineer. T by the division engineer within 60 days of the date of this notice.	Engineers Administrative his form must be received
E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to response regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may	ond to the Corps ay request an

approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.		
POINT OF CONTACT FOR QUESTIONS OR INFORMATION:		
If you have questions regarding this decision and/or the appeal process you may contact: Anthony R Lobred USACE Vicksburg District 4155 Clay Street Vicksburg MS 39183-3439 (601) 631-5470	If you only have questions regarding the appeal process you may also contact: Regulatory Appeals Review Officer USACE – Mississippi Valley Division P.O. Box 80 Vicksburg, MS 39181-0080 (601) 634-5820	
RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.		
Signature of appellant or agent.	Date:	Telephone number: