AI 91865

MSR120062

Rec'd via email:
11/17/2026

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT

INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and severable responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:
- **A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit**
- **A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit**
- **A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.**

Additional submittals may include the following, if applicable:
- **Appropriate Section 404 documentation from U.S. Army Corps of Engineers**
- **Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction**
- **Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements**
- **Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties**
- **Antidegradation report for disturbance within Waters of the State**

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

MSR120062

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☑ **OWNER** ☐ **PRIME CONTRACTOR**

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: John C. Taylor

OWNER COMPANY LEGAL NAME: Mississippi Dept. of Transportation

OWNER STREET OR P.O. BOX: P. O. Box 1850

OWNER CITY: Jackson **STATE:** Ms **ZIP:** 39215

OWNER PHONE #: (601) 359-7275 **OWNER EMAIL:** jtaylor@mdot.ms.gov

PREPARER CONTACT INFORMATION

IF NOI WAS PREPARED BY SOMEONE OTHER THAN THE APPLICANT

CONTACT PERSON:

COMPANY LEGAL NAME:

STREET OR P.O. BOX:

CITY: **STATE:** **ZIP:**

PHONE # ( ) **EMAIL:**

PRIME CONTRACTOR CONTACT INFORMATION

PRIME CONTRACTOR CONTACT PERSON:

PRIME CONTRACTOR COMPANY LEGAL NAME:

PRIME CONTRACTOR STREET OR P.O. BOX:

PRIME CONTRACTOR CITY: **STATE:** **ZIP:**

PRIME CONTRACTOR PHONE #: (____) **PRIME CONTRACTOR EMAIL:**

FACILITY SITE INFORMATION

FACILITY SITE NAME: MDOT Prentiss 109081/301000

FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)

STREET: SR 145

CITY: Baldwyn STATE: MS COUNTY: Prentiss ZIP: 38824

FACILITY SITE TRIBAL LAND ID (N/A If not applicable): NA

LATITUDE: 34 **degrees** 31 **minutes** 51.85 **seconds** **LONGITUDE:** 88 **degrees** 37 **minutes** 56.36 **seconds**

LAT & LONG DATA SOURCE (GPS *(Please GPS Project Entrance/Start Point)* or Map Interpolation): Baldwyn

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 11

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES ☐ NO ☑

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: _____
AND PERMIT COVERAGE NUMBER: MSR10_ _ _ _

ESTIMATED CONSTRUCTION PROJECT START DATE: 2027-05-15 (YYYY-MM-DD)

ESTIMATED CONSTRUCTION PROJECT END DATE: 2030-01-15 (YYYY-MM-DD)

DESCRIPTION OF CONSTRUCTION ACTIVITY: Bridge Replacement

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED:
Highway Use

SIC Code: 1611 **NAICS Code** 237310

NEAREST NAMED RECEIVING STREAM: Town Creek Drainage System

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section**)** YES ☐ NO ☑

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? YES ☐ NO ☑

FOR WHICH POLLUTANT:

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDRY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? YES ☐ NO ☑

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP):
CL, ML

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? YES ☐ NO ☑

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ **ANIONIC POLYACRYLIMIDE (PAM)**
☐ **OTHER** _____

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE?

IS A SDS SHEET INCLUDED FOR THE FLOCCULATE? YES ☐ NO ☑

WILL THERE BE A 50 FT BUFFER BETWEEN THE PROJECT DISTURBANCE AND THE WATERS OF THE STATE? YES ☑ NO ☐

IF NOT, PROVIDE EQUIVALENT CONTROL MEASURES IN THE SWPPP.

[1]Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft^2 per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS? YES ☐ NO ☑

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE ☐ PRETREATMENT

☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES ☐ OTHER: _____

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.) YES ☐ NO ☑

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:

Corps Intent to approve under NW 23 Permit coverage is anticipated.

-The project has been approved by individual permit, or
-The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
-The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS THE PROJECT REROUTING, FILLING OR CROSSING A STATE WATER CONVEYANCE OF ANY KIND? (If yes, please provide an antidegradation report.) YES ☐ NO ☑

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.) YES ☐ NO ☑

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.

☐ **Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.**

☐ **Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: _____.)**

☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

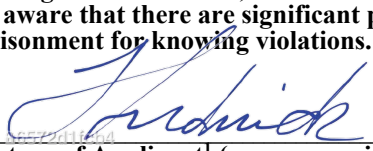
☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.**

INDICATE ANY LOCAL STORM WATER ORDINANCE (I.E. MS4)WITH WHICH THE PROJECT MUST COMPLY:

_____

_____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Signature of Applicant[1] (owner or prime contractor)

11/17/2026

Date Signed

Lee Frederick

Printed Name[1]

Assisted Chief Engineer - Preconstruction

Title

[1]This application shall be signed as follows:

- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**

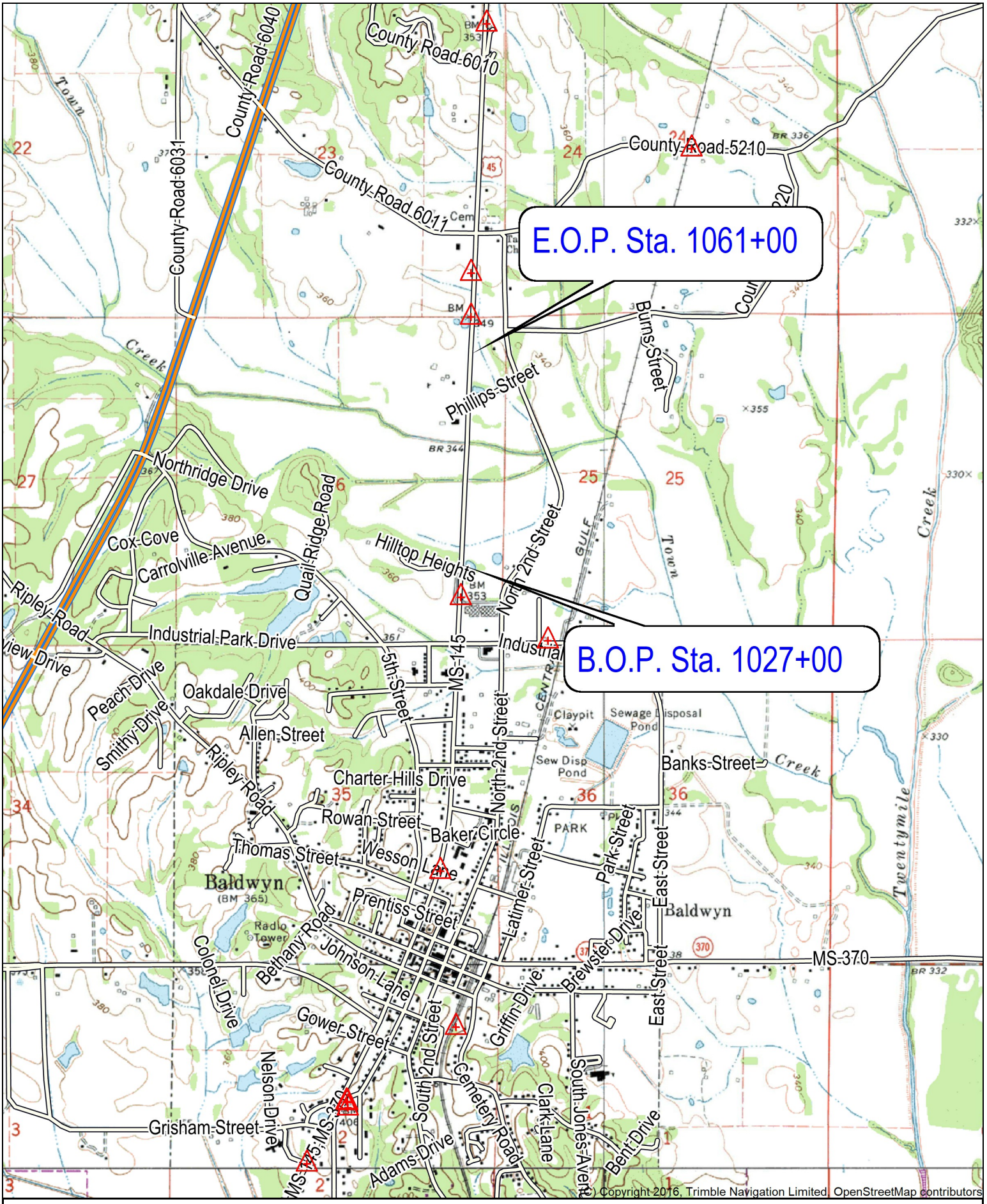
For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to: **Chief, Environmental Permits Division**
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically: **https://www.mdeq.ms.gov/construction-stormwater/**

Revised 3/23/22

Location Maps



(C) Copyright 2016, Trimble Navigation Limited, OpenStreetMap contributors

Name: BALDWYN
Date: 09/02/26
Scale: 1 inch = 2,000 ft.

Location: 034° 31' 30.9964" N, 088° 37' 51.5318" W
Prentiss County Replace Bridges 245.1 and 245.2 Along SR 145

(C) Copyright 2016, Trimble Navigation Limited

Corps Intent to Approve Coverage Under NW 23

Taylor, John Cox

From: Johnson, Adam
Sent: Friday, November 13, 2026 3:56 PM
To: Taylor, John Cox
Cc: Johnson, Brad
Subject: Fw: MDOT - Prentiss 145 - Replace Bridges - 109081/301000

FYI

From: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Sent: Thursday, November 12, 2026 3:05 PM
To: Johnson, Brad <bjohnson@mdot.ms.gov>
Cc: Johnson, Adam <ajohnson@mdot.ms.gov>; Wodtke, Andrea R <awodtke@mdot.ms.gov>
Subject: RE: MDOT - Prentiss 145 - Replace Bridges - 109081/301000

Brad,

It appears this one would also fit under a NWP 23.

Respectfully,

Jared

From: Johnson, Brad <bjohnson@mdot.ms.gov>
Sent: Tuesday, November 10, 2026 5:27 PM
To: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Cc: Johnson, Adam <ajohnson@mdot.ms.gov>; Wodtke, Andrea R <awodtke@mdot.ms.gov>
Subject: [Non-DoD Source] FW: MDOT - Prentiss 145 - Replace Bridges - 109081/301000

Jared,

As you can see below, I just applied for this project. We need written communication from the Corps to include in the DEQ LCNOI application. As mentioned earlier, the other project (108393-301) is a priority for these requests. I wanted to go ahead and send you this before I went on personal leave for a while.

For your convenience, I've attached the impact tables for this project.

What type of permit do you anticipate issuing for the project?

Thanks,

Brad

From: Johnson, Brad
Sent: Tuesday, November 10, 2026 5:03 PM
To: regulatory@usace.army.mil

Cc: Everitt, Jared H CIV USARMY CEMVK (USA) <jared.h.everitt@usace.army.mil>; Johnson, Adam <ajohnson@mdot.ms.gov>; Wodtke, Andrea R <awodtke@mdot.ms.gov>
Subject: MDOT - Prentiss 145 - Replace Bridges - 109081/301000

Hello,

MDOT is proposing a bridge replacement project at bridge No.'s 245.1 and 245.2 on SR 145 in Prentiss County. The permit application can be downloaded here.

For your convenience, I've attached the waters upload sheet. Also, please remember that I have bookmarks in the permit application. The bookmarks will make it easier while looking through the permit application.

Please let me know if you have any questions or need additional information.

Thanks,

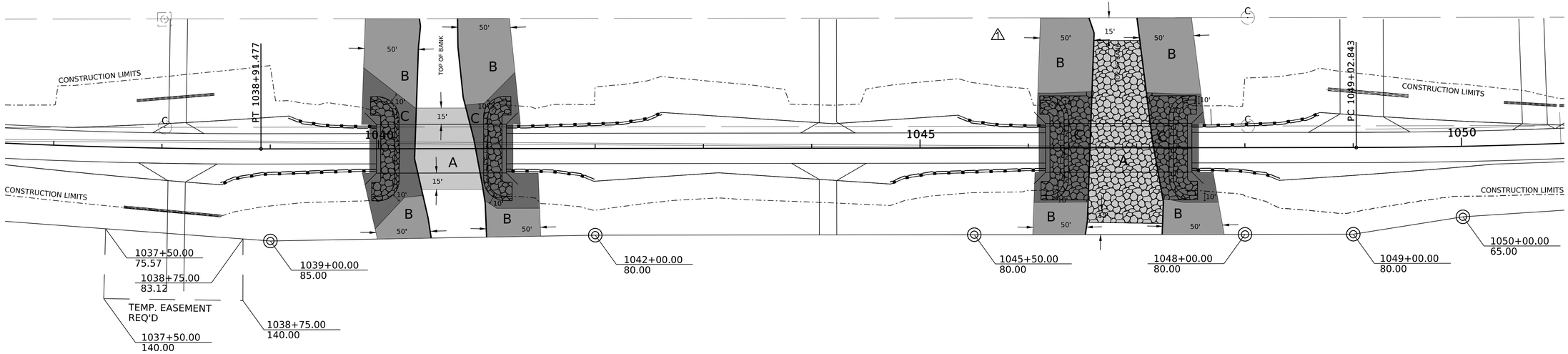
Brad

Riparian Buffer Zones

⚠1 ADJUSTED LIMITS AND ADDED RIP-RAP

REVISIONS	
DATE	BY
⚠1 8/15/25	TG

PRELIMINARY
NOT FOR
CONSTRUCTION



1. HAUL ROAD AND/OR BRIDGE ARE ALLOWED CONSTRUCTION ACTIVITIES.
2. CONTRACTOR MAY REQUEST MODIFICATIONS TO THE CLEARING LIMITS SHOWN ABOVE AS NEEDED. ANY MODIFICATIONS REQUESTED WILL NEED TO BE SUBMITTED TO MDOT PRIOR TO PROCEEDING.

A	REFER TO THE 404 AND 401 PERMITS FOR ALLOWABLE ACTIVITIES IN THIS AREA.
B	NO CLEARING ALLOWED
C	CLEARING AND GRUBBING ALLOWED

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

RIPARIAN BUFFER

SHEET ID
ECP-RB

SHEET NO.
14

PLAN SHEET
DRN-Riparian_Bu er.dgn
PRINT DATE TIME

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

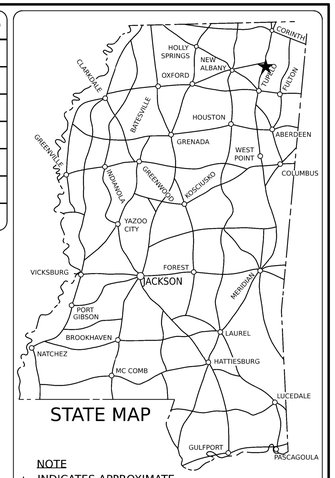
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
STATE PROJECT NO. STBG-2839-00(027)
FEDERAL AID PROJECT NO. STBG-2839-00(027)

SR 145 Bridge Replacements (#s 245.1 and 245.2)
PRENTISS COUNTY

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
[X]	ROADWAY	1
[ ]	PERMANENT SIGNS	1001
[ ]	TRAFFIC SIGNALS	2001
[ ]	ITS COMPONENTS	3001
[ ]	LIGHTING	4001
[ ]	(RESERVED)	5001
[ ]	ROADWAY STD. DWGS	6001
[ ]	BOX CULVERT STD. DWGS (LRFD)	7001
[ ]	BOX CULVERT STD. DWGS (STD. SPEC.)	7501
[ ]	BRIDGE	8001
[X]	CROSS SECTIONS	9001

PLAN STAGE	DATE PRINTED
[ ] CONCEPTUAL	_____
[X] PRE-R.O.W.	10/18/2023
[X] FIELD INSPECTION	4/18/2024
[X] R.O.W. PLANS TO SMD	10/4/2024
[X] FINAL R.O.W.	10/30/2024
[X] R.O.W. REVISION	03/11/2026
[ ] OFFICE REVIEW	_____



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°31'55.34" N LONG. 88°37'57.14" W
(APPROX. MIDDLE OF PROJECT)

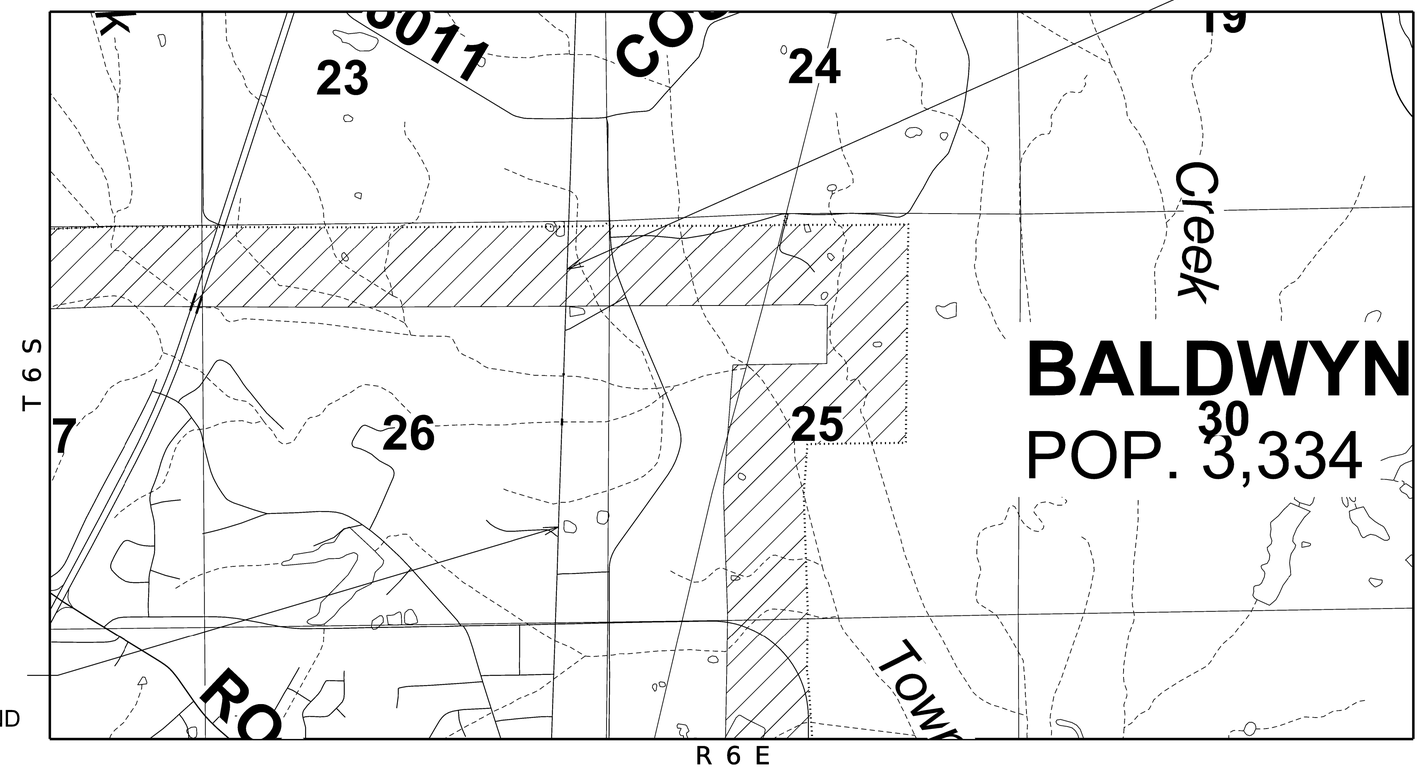
BRIDGE STRUCTURES REQ'D.

STA 1039+96.92 - 1041+19.08
BRIDGE NO.: 245.1
SPANS: 1@120' (FIB45)

STA 1046+14.92 - 1047+52.08
BRIDGE NO.: 245.2
SPANS: 1@135' (FIB54)

BOX BRIDGES REQ'D.

_____



EQUATIONS

1061+05.405 (BK) = 1061+00

EXCEPTIONS

_____

SCALES

PLAN		1 IN.= 100 FT.
PROFILE	HOR.	1 IN.= 100 FT.
	VERT.	1 IN.= 10 FT.
LAYOUT		1 IN.= 1000 FT.

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN CORP LINE
SECTION LINE
DEED LINE
EXISTING ROADWAY
PROPOSED ROADWAY
RAILROAD
BRIDGES

LENGTH DATA

LENGTH OF ROADWAY	3,151	FT.	0.60 MI.
LENGTH OF BRIDGES	255	FT.	0.05 MI.
LENGTH OF PROJECT (NET)	3,406	FT.	0.64 MI.
LENGTH OF EXCEPTIONS	0	FT.	0 MI.
LENGTH OF PROJECT (GROSS)	3,406	FT.	0.64 MI.

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2035) = 3490 : ADT (2045) = 4250
DHV = 460 : D = 60 % T = 4 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS

	WATERS	WETLANDS
NATIONWIDE #14	☐	☐
NATIONWIDE (OTHER)*	☐	☐
GENERAL*	☐	☐
INDIVIDUAL (404)*	☐	☐

STORMWATER PERMIT ☐

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____

DESIGNED BY: ROBERTS

CONSTRUCTION PROJECT DATA

EXTERNAL PROJECT NUMBER	STBG-2839-00(027)
FMS & DETAIL	109081/301000

P S & E DATE: _____

APPROVED:

_____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

_____
EXECUTIVE DIRECTOR

PRELIMINARY
NOT FOR
CONSTRUCTION

PLAN SHEET
TITLE_SH.dgn
4:42:21 PM
DATE

CURVE SR145REAL
Δ = 06°11'38.711" (RT)
D = 1°8'4.452"
L = 545.941'
T = 273.237'
R = 5050.000'
BK N02°26'21.159"E
AH N08°37'59.870"E
PC 1027+00.000
PT 1032+45.941

CURVE SR145REAL
Δ = 06°11'38.711" (LT)
D = 1°8'45.296"
L = 540.536'
T = 270.532'
R = 5000.000'
BK N08°37'59.870"E
AH N02°26'21.159"E
PC 1033+50.941
PT 1038+91.477

POB 1024+00.00
PC 1027+00.000
PT 1032+45.941
PC 1033+50.941
N02°26'21.159"E
N08°37'59.870"E
1025
1030
1035
340ft
345ft
335ft

TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	SF	
SUPER SILT FENCE	L.F.	SSF	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		

PLAN-PROFILE SHEET

ECP-145-BR2.dgn

PRINT DATE TIME

-0.99% -1.29% -0.99% -0.92% -0.34% -0.30% -0.37% -0.75% -0.34% +0.29% -0.13% +0.08% -0.60% -0.17% -0.14% -0.04% -0.09% Profile Grade +0.59%
Existing Ground Line
Station.Line Slope

BEGINNING
OF PROJECT
STA. 1025+50.000

USFL - 334.84
DSFL - 334.50

1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
346.77	348.30	347.75	347.31	346.77	346.16	346.20	345.65	345.72	345.43	345.55	345.04	345.18	344.87	345.01
344.99	345.15	344.89	345.08	344.82	345.12	344.78	344.93	344.68	344.85	344.08	344.83	342.51	344.78	340.95
344.41	339.06	344.08	337.27	343.84	337.16	343.70	337.06	343.65	336.86	343.70	336.80	343.84	336.65	344.07
336.85	344.37	337.06	344.66	337.23	344.96									

PRELIMINARY
NOT FOR
CONSTRUCTION

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

S.R. 145 EROSION CONTROL PLAN
STA. 1025+50 - 1037+00

SHEET ID
ECP3

SHEET NO.
41

WETLAND SITE		
TEMPORARILY FILLED	0.06	AC.
PERMANENTLY FILLED	0.04	AC.
BRIDGED		AC.

CURVE SR145REAL
Δ = 05°49'45.138" (LT)
D = 1°8'4.452"
L = 513.781'
T = 257.112'
R = 5050.000'
BK N02°26'21.159"E
AH N03°23'23.979"W
PC 1049+02.843
PT 1054+16.624

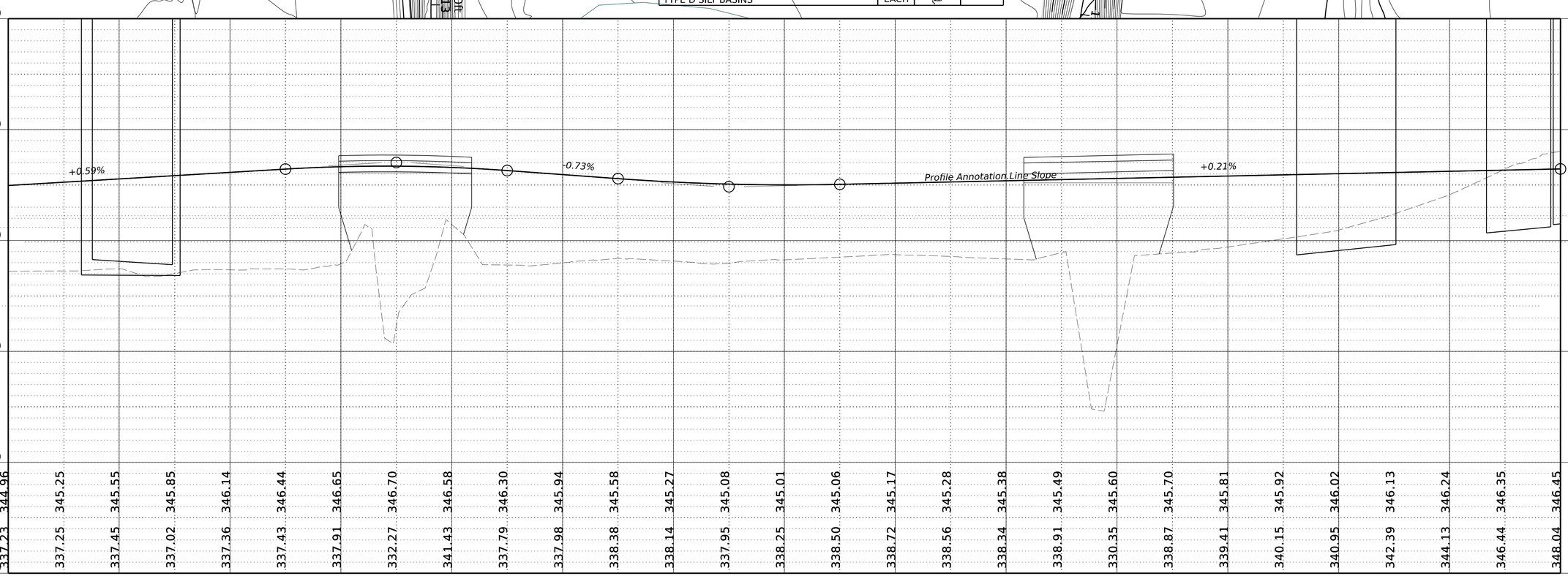
PAVED FLUME REQ'D.

PC 1038+91.477

N02°26'21.159"E

PC 1049+02.843

TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	SF	
SUPER SILT FENCE	L.F.	SSF	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



PRELIMINARY
NOT FOR
CONSTRUCTION

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

S.R. 145 EROSION CONTROL PLAN
STA. 1037+00 - 1051+00

SHEET ID
ECP4

SHEET NO.
42

PLAN-PROFILE SHEET
ECP-145-BR2.dgn
PRINT DATE TIME

PRELIMINARY

NOT FOR

CONSTRUCTION

CURVE SR145REAL
Δ = 05°49'45.138" (RT)
D = 1°8'4.452"
L = 513.781'
T = 257.112'
R = 5050.000'
BK N03°23'23.979"W
AH N02°26'21.159"E
PC 1055+91.624
PT 1061+00.000

POB 5+00.00
N03°23'23.979"W
N02°26'21.159"E
POE 1064+00.00
PC 1055+91.624
PT 1054+16.624
PC 5+51.063
PT 6+18.390
PT 1061+00.000
EQUATION: 1061+05.405 (BK) = 1061+00.000
1053+25.00 ML = 5+00.00 LR
1053+25.00 ML = 5+00.00 LR
N87°38'36"E 94.46'
N87°35'51"E 240.67'
345ft
350ft
1055
1060

WETLAND SITE		
TEMPORARILY FILLED	0.23	AC.
PERMANENTLY FILLED	0.00	AC.
BRIDGED		AC.

TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	SF	
SUPER SILT FENCE	L.F.	SSF	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		

370
360
350
340
330
320

-0.10% +0.39% +0.39% +0.77% +0.87% +0.46% +0.56% +0.41% +0.42% +0.44% +0.37% +0.39% +0.36% +0.00% +0.18% +0.18% +0.13% +0.11% +0.11% +0.25%

END OF PROJECT
STA. 1062+50.000

348.04 348.90 346.52 348.32 346.51 346.51 346.46 344.85 346.41 343.58 346.36 343.56 346.31 344.18 346.26 344.65 346.28 344.00 346.41 343.02 346.61 344.94 346.81 346.45 347.22 347.31 347.45 347.59 347.73 347.85 347.94 347.96 348.15 348.20 348.37 348.38 348.56 348.60 348.75 348.79 348.93 348.81 348.93 348.94 349.02 349.04 349.08 349.17 349.17 349.35 349.55 349.76

PLAN-PROFILE SHEET

ECP-145-BR2.dgn

PRINT DATE TIME

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 109081/301000

PROJECT NO.: STBG-2839-00(027)

COUNTY: PRENTISS

S.R. 145 EROSION CONTROL PLAN
STA. 1051+00 - 125+50

SHEET ID
ECP-5

SHEET NO.
43

CURVE Phillips_St
Δ = 26°03'47.098" (LT)
D = 38°11'49.871"
L = 68.233'
T = 34.717'
R = 150.000'
BK N87°38'58.346"E
AH N61°35'11.248"E
PC 5+51.063
PT 6+19.296

CURVE Phillips_St
Δ = 03°49'53.981" (LT)
D = 2°22'21.556"
L = 161.493'
T = 80.776'
R = 2414.839'
BK N62°53'25.942"E
AH N59°03'31.960"E
PC 8+43.328
PT 10+04.820

CURVE Phillips_St
Δ = 02°42'00.309" (LT)
D = 1°23'23.482"
L = 194.271'
T = 97.153'
R = 4122.426'
BK N62°20'13.973"E
AH N59°38'13.663"E
PC 10+90.020
PT 12+84.291

PRELIMINARY
NOT FOR
CONSTRUCTION

WETLAND SITE		
TEMPORARILY FILLED	0.27	AC.
PERMANENTLY FILLED	0.08	AC.
BRIDGED		AC.

TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	SF	
SUPER SILT FENCE	L.F.	SSF	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		

PLAN-PROFILE SHEET

-0.50%
-3.25%
-0.23%

346.81	346.63	346.22	345.17	343.58	342.28	341.72	341.64
344.30	343.21	343.61	343.09	342.58	342.11	341.70	341.68	342.04	342.75	343.69	344.68	345.85	347.62	349.46	351.30

DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

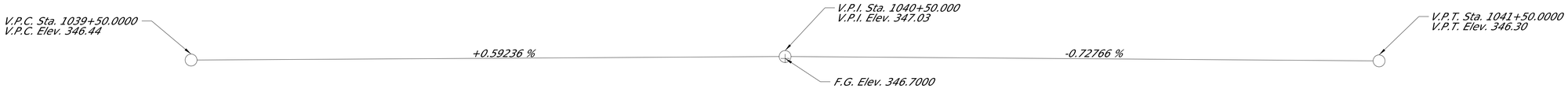
FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

PHILLIPS ST. EROSION CONTROL PLAN

SHEET ID
ECP-5A

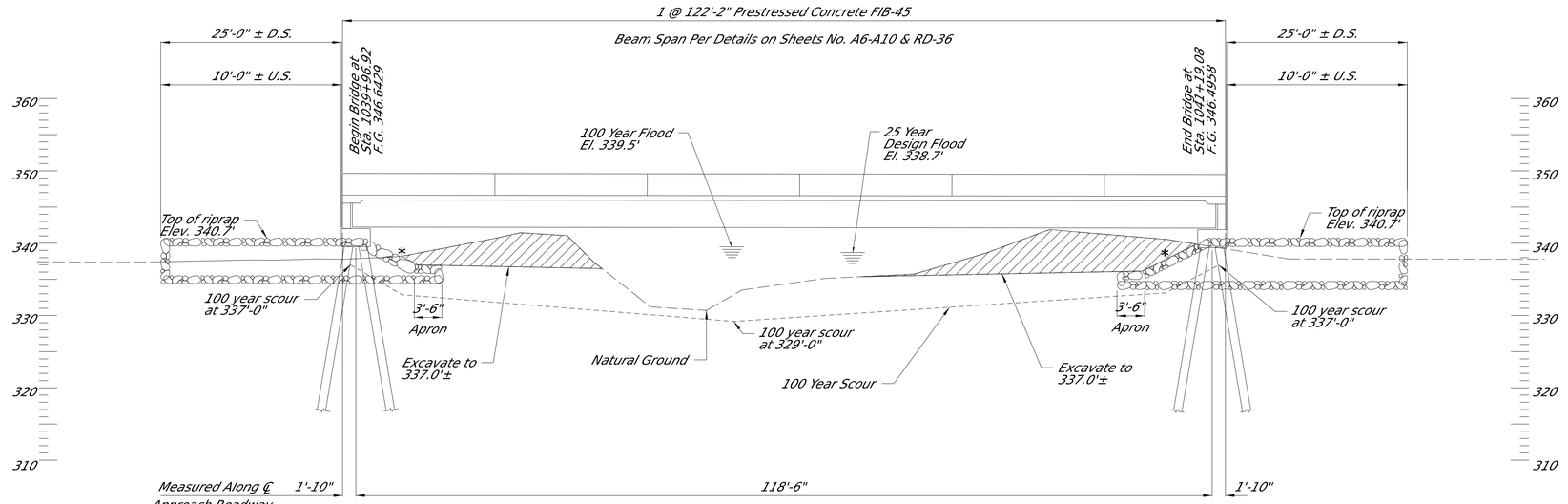
SHEET NO.
44

PRINT DATE TIME ECP-145-BR2.dgn



200 ft. Vertical Curve

Total Length of Bridge = 122'-2"



ELEVATION WITH PROFILE ALONG CENTERLINE APROACH ROADWAY

Scale 1" = 10'

NOTE:
1. No dirt can be pushed into the creek.
2. If a platform for working is needed, then riprap shall be used.
3. Minimize disturbance to existing banks.
4. If the bent is in close proximity to the banks, then riprap shall be placed prior to pile driving.
5. Riprap shall be placed on slopes immediately after pile driving.
6. Clearing should be kept to a minimum and grubbing only where required.
7. Turbidity curtain may be required.

***NOTE:**
2:1 Slope Normal to End Bent.

PRELIMINARY
NOT FOR
CONSTRUCTION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: STEPHEN DIAZ
DETAILED BY: STEPHEN DIAZ
CHECKED BY: ALEX HAWKINS
DATE: 1/26/2027

FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

BRIDGE AT STA. 1039+96.92
SR 145 OVER TOWN CREEK TRIBUTARY
EROSION CONTROL ELEVATION

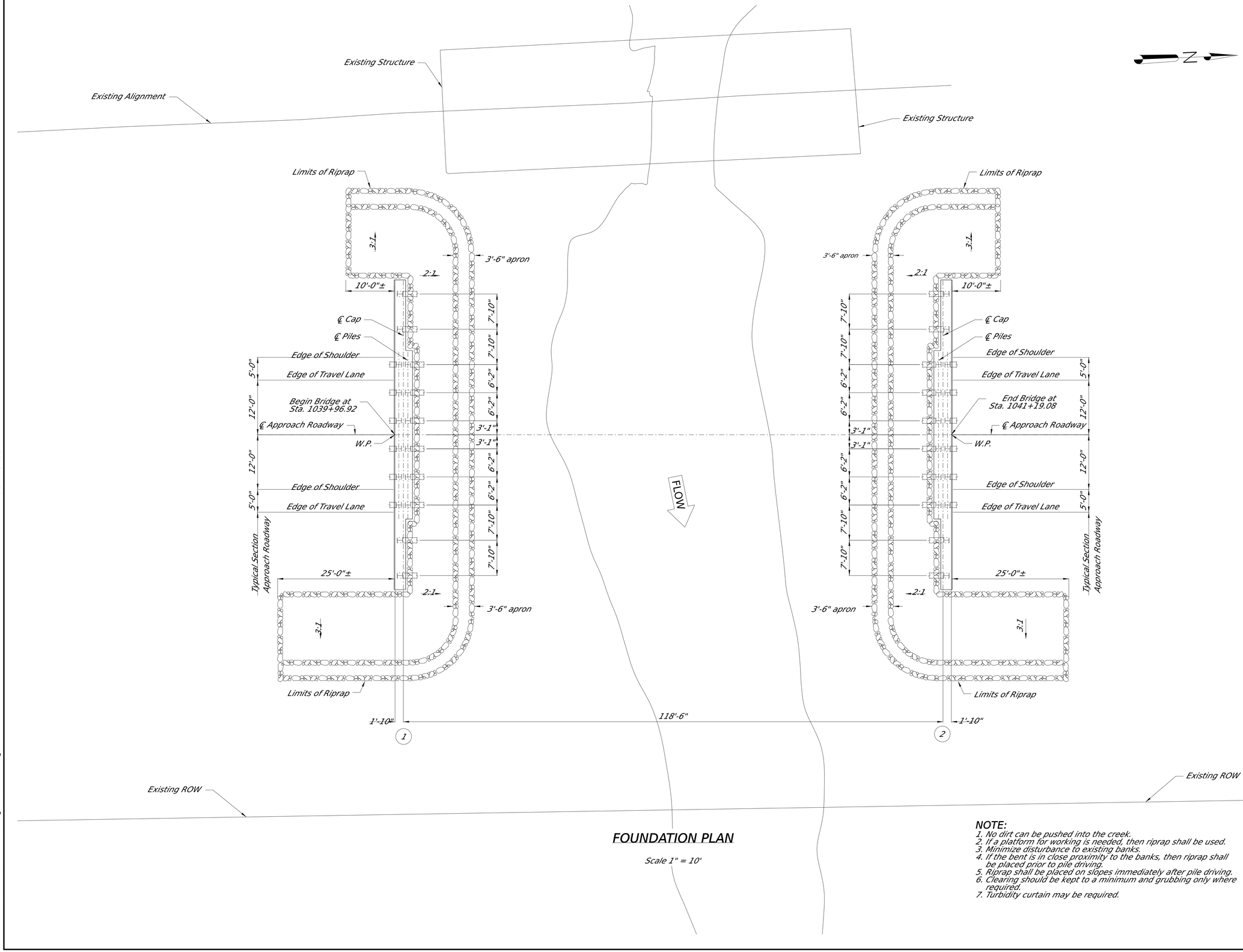
DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO.
ECBR-A1

SHEET NO.
8029

PLAN SHEET

8/10/2026 2:54:34 PM Bridge A Details.dgn



FOUNDATION PLAN

Scale 1" = 10'

NOTE:

1. No dirt can be pushed into the creek.
2. If a platform for working is needed, then riprap shall be used.
3. Minimize disturbance to existing banks.
4. If the bent is in close proximity to the banks, then riprap shall be placed prior to pile driving.
5. Riprap shall be placed on slopes immediately after pile driving.
6. Clearing should be kept to a minimum and grubbing only where required.
7. Turbidity curtain may be required.

PRELIMINARY
NOT FOR
CONSTRUCTION

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: STEPHEN DIAZ
DETAILED BY: STEPHEN DIAZ
CHECKED BY: ALEX HAWKINS
DATE: 1/26/2027

FMS CON: 109081/301000
PROJECT NO.: STBG-2839-00(027)
COUNTY: PRENTISS

BRIDGE AT STA. 1039+96.92
SR 145 OVER TOWN CREEK TRIBUTARY
EROSION CONTROL PLAN

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO.
ECBR-A2

SHEET NO.
8030

8/10/2026 2:54:35 PM Bridge A Details.dgn PLAN SHEET