Brad White
Executive Director
Jeff Ely, P.E.
Chief of Staff

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Earl Glenn, Jr., P.E.
Deputy Executive Director/Chief Engineer
Lisa M. Hancock, CPA
Deputy Executive Director/Administration

November 13, 2026

Ms. Carrie Barefoot
Construction and Building Materials
Environmental Permits Division
Office of Pollution Control
Mississippi Department of Environmental Quality
P. O. Box 2261
Jackson, Mississippi 39225

Dear Ms. Barefoot:

Re: LCNOI Submittal Under MSR10

This LCNOI application is for the MDOT Project No. STP-0064-01(037) FMS 108393/301000. The project limits extend around Mill Creek for new bridge construction in Harrison County. All required information is described within.

Under ACT5, T-5 (A) of the new General Permit it is required that a buffer zone shall be maintained between land disturbing activities and perennial water bodies. A minimum of 150-foot buffer zone is recommended. Your office defines a buffer zone under ACT12, T-2 as a strip of dense undisturbed perennial vegetation, either original or reestablished, that borders perennial streams and rivers, ponds and lakes and wetlands. ACT12, T-17 defines infeasible as being not technologically possible, or not economically practicable and achievable. This BMP of a minimum 150-foot buffer zone recommended for perennial water bodies in the Large Construction General Permit is not feasible for MDOT projects. Due to the nature of these linear construction projects which require bridges, box bridges, box culverts and pipe culverts, it would not be practical or cost-effective to adhere to this requirement.

If a 150 foot buffer area is not feasible then ACT5 T-3(6) requires a 50-foot undisturbed natural buffer around waters of the United States; or provide and maintain an undisturbed natural buffer that is less than 50 feet and supplemented by additional erosion and sediment controls which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer. The riparian work zone sheets are included depicting the 50 foot buffer setbacks.

The scope of work for this project involves the construction of a new bridge structure on new alignment just to the south on Mill Creek and the Wolf River Relief that includes slope shaping and soil prep for grassing. It is estimated that approximately 22 acres of disturbed soil area will be necessary. Approximately 4.32 acres of wetlands will be impacted. or waters of the US are anticipated to be impacted. Approximately 459 feet of waters will be impacted as well.

Certain erosion control measures for the bridge work will include: 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 drivings, 5) Riprap shall be placed on slopes immediately after pile driving, 6) Clearing should be kept to a minimum and grubbing only where required, and 7) Turbidity curtain may be required. Other erosion control items that will be used are: solid sodding, geotextile fabric, topsoil for slope treatment, ditch liner, concrete paved ditch, grassing, agricultural limestone, vegetative mulch, temporary grassing, temporary silt fence, super silt fence, 20" wattles, temporary slope drains, silt dike, rockbags, riprap for erosion control, and reset riprap.

If you have questions, please feel free to give me a call at (601)359-7250. This project is scheduled to be advertised in January, 2027, and let in February, 2027. We ask that you expedite your review and approval so that these dates can be met. Thank you for your assistance in this matter.

Sincerely,

John C. Taylor

John C. Taylor, PE, BCEE, RPG
MDOT, Roadway Design Division

AI 91866

MSR120063

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)

MSR120063

(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 Harrison 108393/301000

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 53

CITY: Lyman STATE: MS COUNTY: Harrison ZIP: 39503

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

LATITUDE: 30 **degrees** 35 **minutes** 49.02 **seconds** **LONGITUDE:** 89 **degrees** 19 **minutes** 49.39 **seconds**

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

TOTAL ACREAGE THAT WILL BE DISTURBED [1]: 22

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: 2027-03-15 (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: Wolf River 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: Wolf River: Pathogens 200 col

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.**

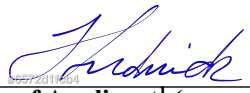
☐ **Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central 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)

11/13/2026

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.**

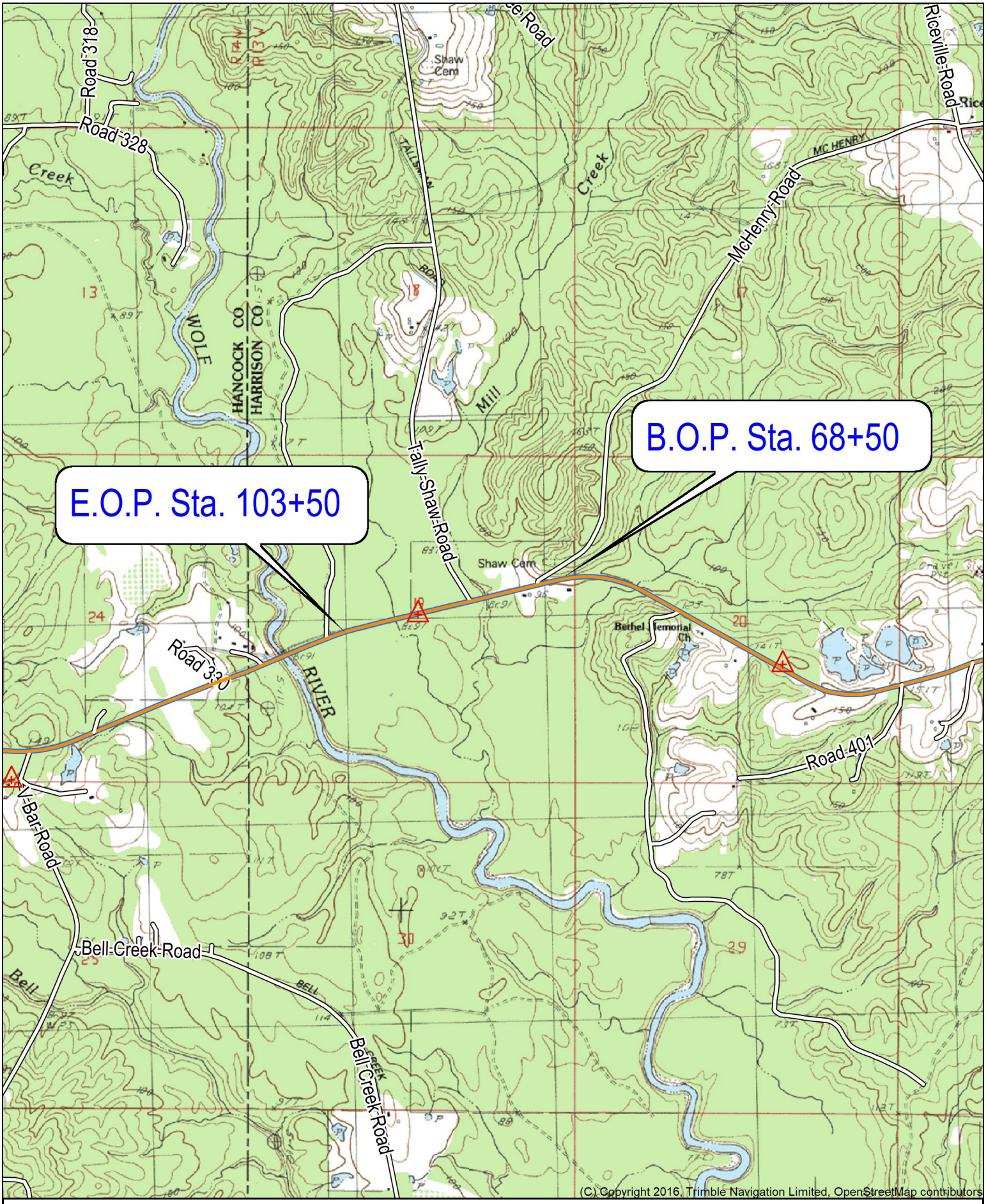
For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

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 Map



Name: SELLERS
Date: 09/19/25
Scale: 1 inch = 2,000 ft.

Location: 030° 35' 49.4692" N, 089° 19' 42.7871" W
Harrison County SR 53 - Bridge Replacements 16.4 and 16.6
FMS 108393/301000

(C) Copyright 2016, Trimble Navigation Limited

Corps Intent to Approve Under NW 23

Taylor, John Cox

From: Johnson, Adam
Sent: Thursday, November 12, 2026 9:40 AM
To: Taylor, John Cox
Cc: Johnson, Brad
Subject: Fw: 108393/301000-SR 53-Replace Bridges-Harrison County-Joint Application and Notification

John,

Please see Jared Everitt's email below.
Thanks

Adam

From: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Sent: Thursday, November 12, 2026 8:58 AM
To: Johnson, Brad <bjohnson@mdot.ms.gov>
Cc: Wodtke, Andrea R <awodtke@mdot.ms.gov>; Johnson, Adam <ajohnson@mdot.ms.gov>
Subject: RE: 108393/301000-SR 53-Replace Bridges-Harrison County-Joint Application and Notification

Brad,

I haven't received anything from Willa yet so I don't have one of our project numbers assigned to it, but it looks like we could fit this under a NWP 23.

Respectfully,

Jared

From: Johnson, Brad <bjohnson@mdot.ms.gov>
Sent: Tuesday, November 10, 2026 2:50 PM
To: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Cc: Wodtke, Andrea R <awodtke@mdot.ms.gov>; Johnson, Adam <ajohnson@mdot.ms.gov>
Subject: [Non-DoD Source] FW: 108393/301000-SR 53-Replace Bridges-Harrison County-Joint Application and Notification

Jared,

As you can see in the below email, I just applied for a MDMR-USACE Joint Application and Notification. If needed, the permit package can be accessed from the link below. We need written communication from the Corps to include in the DEQ LCNOI application for the above-mentioned project. I've copied Andrea and Adam since I could possibly be out until November 30th after today.

For your convenience I attached the impact tables. I also attached the ORM sheet so that you'll have it whenever the permit comes to you.

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

Thanks,

Brad

From: Johnson, Brad
Sent: Tuesday, November 10, 2026 2:26 PM
To: 'Willa.Brantley@dmr.ms.gov)' <willa.brantley@dmr.ms.gov>
Cc: Wodtke, Andrea R <awodtke@mdot.ms.gov>; Johnson, Adam <ajohnson@mdot.ms.gov>
Subject: 108393/301000-SR 53-Replace Bridges-Harrison County-Joint Application and Notification

Willa,

MDOT is proposing to replace two existing bridge structures on existing alignment on SR 53 in Harrison County.

Please download the Joint Application and Notification here: https://file-exchange.mdot.state.ms.us/download#code=a05e63bd0d3d1231dbefa9b3c5c75e9a

I've created bookmarks in the permit application to make it easier while looking through the application.

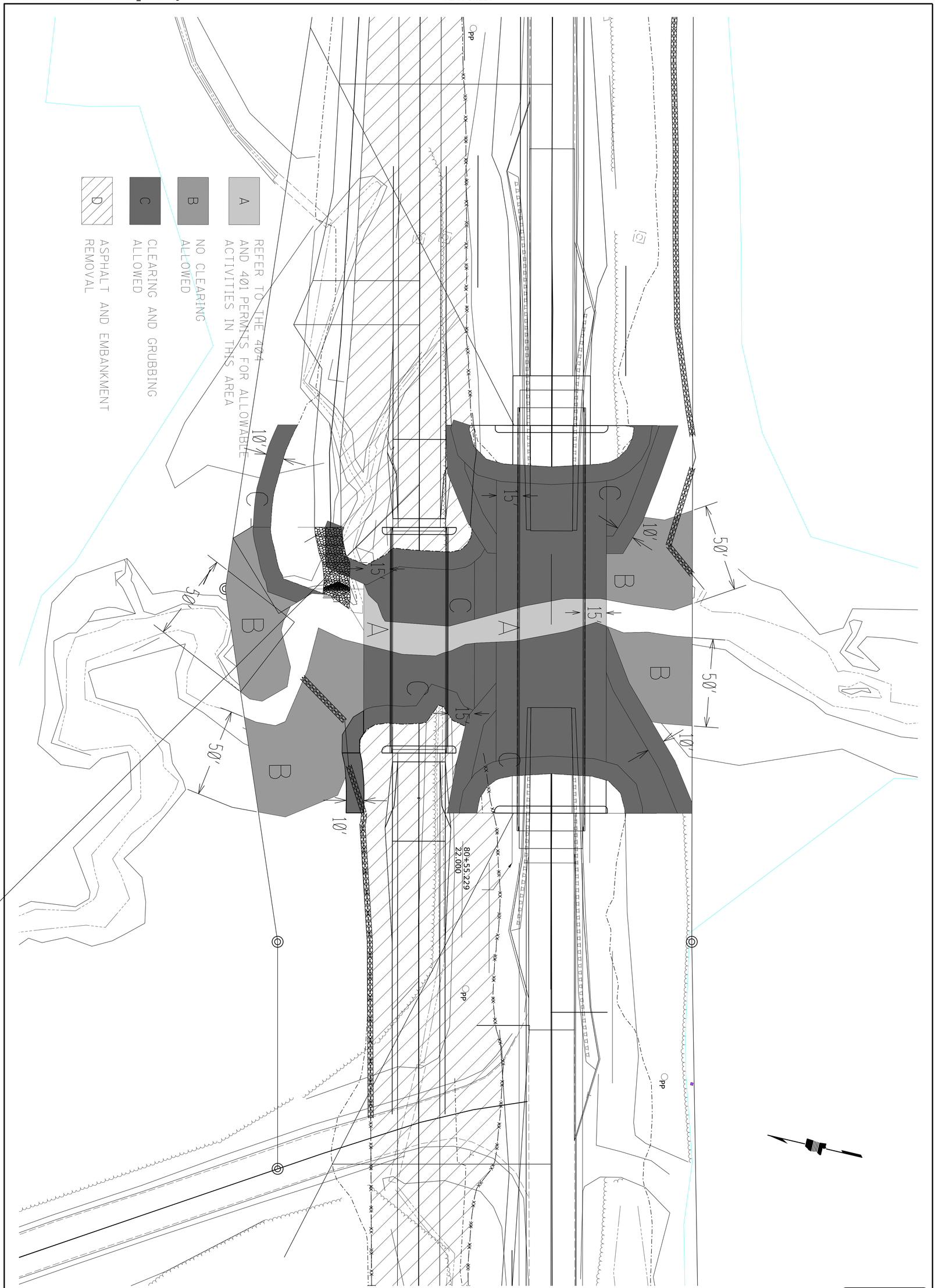
I will be out of state on a trip the rest of November, but please contact Andrea Wodtke (awodtke@mdot.ms.gov) for any updates or questions. Andrea will be the person tracking the app.

If you have any questions or need more information, please let Andrea know.

Thanks,

Brad

Riparian Buffer Zones



PRELIMINARY EROSION CONTROL PLAN
REPARIAN BUFFER BR. #16.4
(SCALE: 1" = 25')

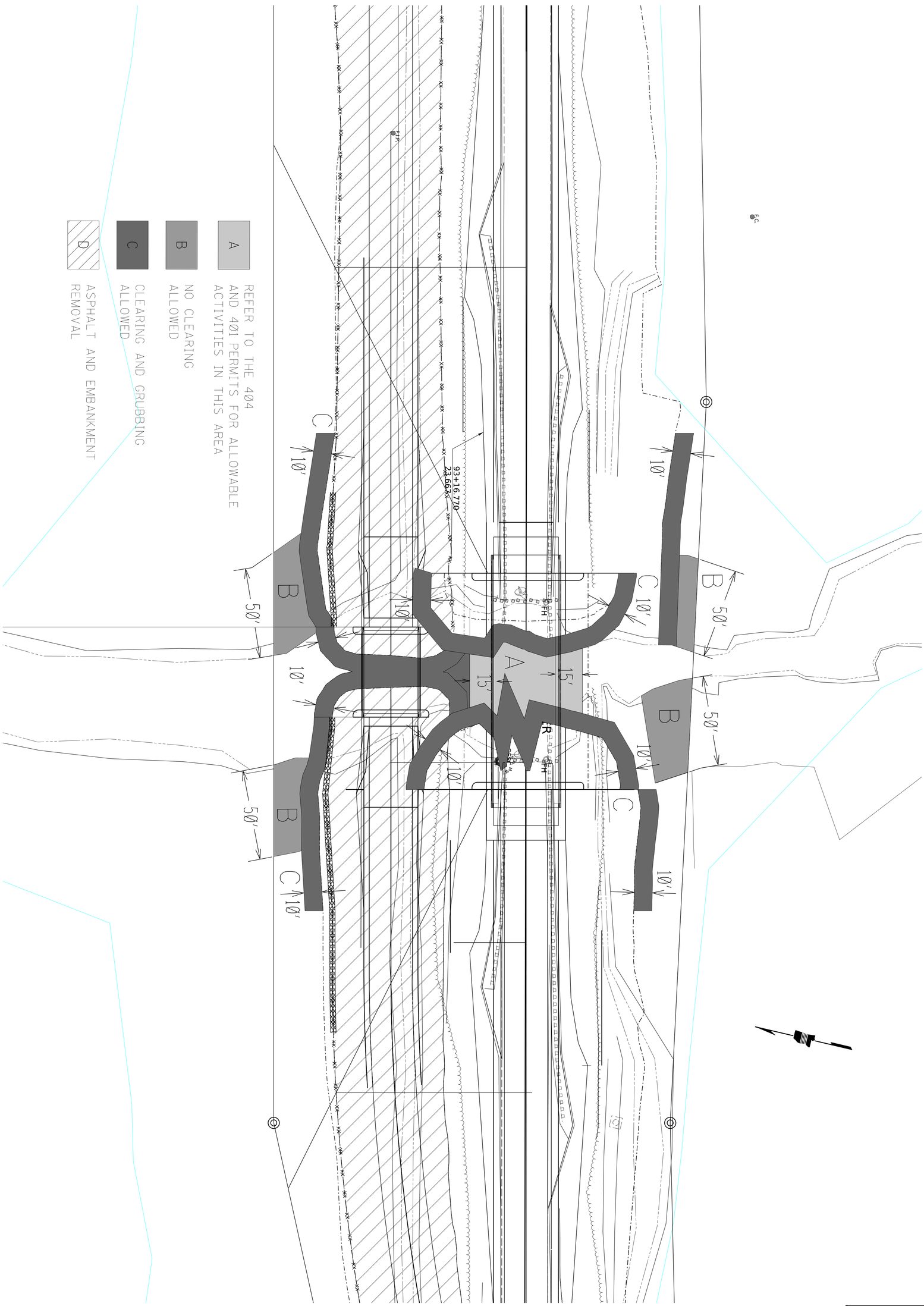
SHEET ID: **ECP-RB1**
SHEET NO.: **57**

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

DESIGNED BY: TWH
DETAILED BY: TWH
CHECKED BY:
DATE: 7/11/23

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DEPARTMENT OF TRANSPORTATION · STATE OF MISSISSIPPI



PRELIMINARY EROSION CONTROL PLAN
REPARIAN BUFFER BR. #16.6
(SCALE: 1" = 25')

SHEET ID: **ECP-RB2**
SHEET NO.: **58**

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

DESIGNED BY: TWH
DETAILED BY: TWH
CHECKED BY:
DATE: 7/11/23

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DEPARTMENT OF TRANSPORTATION · STATE OF MISSISSIPPI

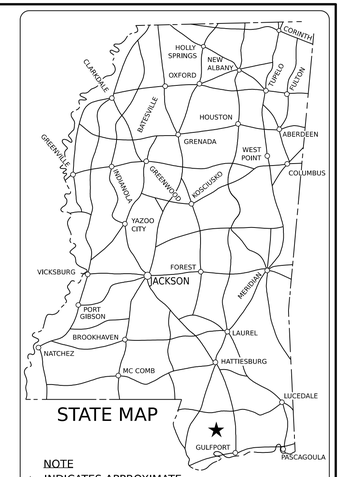
GENERAL INDEX

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

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. STP-0064-01(037)

SR 53 over Wolf River Relief (#16.4 and 16.6)
HARRISON COUNTY



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 30°35'50" LONG. 89°19'48"
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.

STA. 78+05.92
BRIDGE NO.: 16.4
SPANS: 1@50'(FIB36) - 1@120'(FIB45) - 1@50'(FIB36)

STA. 93+93.92
BRIDGE NO.: 16.6
SPANS: 1@120'(FIB45)

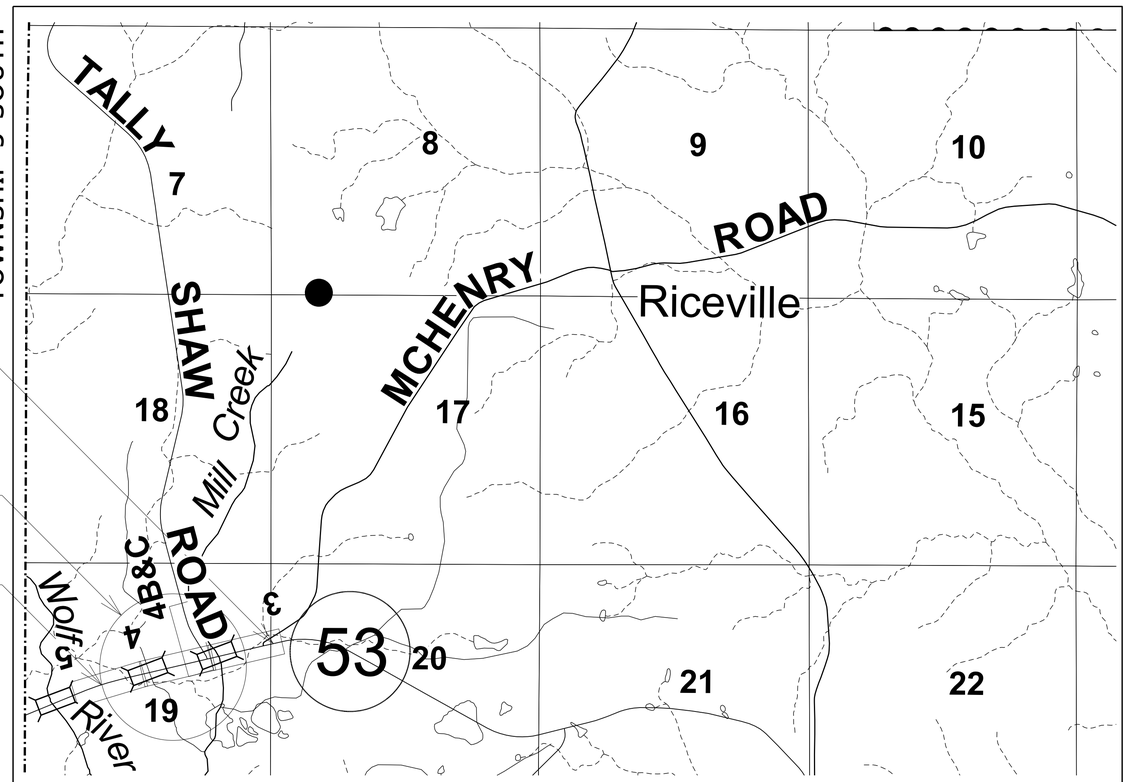
BOX BRIDGES REQ'D.

B.O.P. STA. 68+50.000

HYDRAULIC SURVEY
BRIDGE #16.4 & #16.6

E.O.P. STA. 103+50.000

To Poplarville



EQUATIONS

SCALES
PLAN 1 IN.= 100 FT.
PROFILE HOR. 1 IN.= 100 FT. / VERT. 1 IN.= 10 FT.
LAYOUT 1 IN.= 1500 FT.

RANGE 13 WEST

EXCEPTIONS

DESIGN CONTROL
55 MPH = V (SPEED DESIGN)

ADT (2025) = 1,700 : ADT (2045) = 2,000
DHV = 190 : D = 60 % T = 14 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS

	WATERS	WETLANDS
NATIONWIDE #14	[N]	[N]
NATIONWIDE (OTHER)*	[Y]	[Y]
GENERAL*	[N]	[N]
INDIVIDUAL (404)*	[N]	[N]

STORMWATER PERMIT [Y]

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: _____

CONVENTIONAL SYMBOLS

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

LENGTH DATA

LENGTH OF ROADWAY	3,155.68	FT. 0.5977 MI.
LENGTH OF BRIDGES	344.32	FT. 0.0652 MI.
LENGTH OF PROJECT (NET)	3,500.0	FT. 0.6629 MI.
LENGTH OF EXCEPTIONS		FT. MI.
LENGTH OF PROJECT (GROSS)		FT. 0.6629 MI.

DESIGNED BY: ROBERTS

CONSTRUCTION PROJECT DATA

EXTERNAL PROJECT NUMBER	STP-0064-01(037)
FMS & DETAIL	108393/301000

P S & E DATE:

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

DEPARTMENT OF TRANSPORTATION MISSISSIPPI

PLAN SHEET RWD_titlesheet.dgn 10:59:39 AM DATE

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		

INDICATES WETLAND AREA

+1.20000%

-1.20000%

STA	67	68	69	70	71	72	73	74	75	76	77	78	79	80
EXISTING	100.24	99.38	98.59	97.83	97.08	96.28	95.52	94.79	93.97	93.18	92.45	91.78	91.12	90.77
PROPOSED	97.83	97.15	96.43	95.73	95.00	94.18	93.35	92.58	91.91	91.35	90.89	90.51	90.32	90.22

STA	81	82	83	84	85	86	87	88	89	90	91	92	93	94
EXISTING	90.38	90.19	90.10	90.05	90.15	90.09	90.03	89.87	89.61	89.47	89.65	89.89	89.98	
PROPOSED	90.18	90.22	90.28	90.29	90.59	91.15	91.54	91.67	91.54	91.15	90.57	90.19		

PLAN-PROFILE SHEET

RWD_ecp-ML.dgn

2:16:57 PM

4/3/2026

DESIGNED BY: TWH

DETAILED BY: TWH

CHECKED BY:

DATE: 5/5/2023

FMS CON: 108393/301000

PROJECT NO.: STP-0064-01(037)

COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
MAINLINE S.R. 53
(STA. 68+50.000 TO STA. 81+00.000)

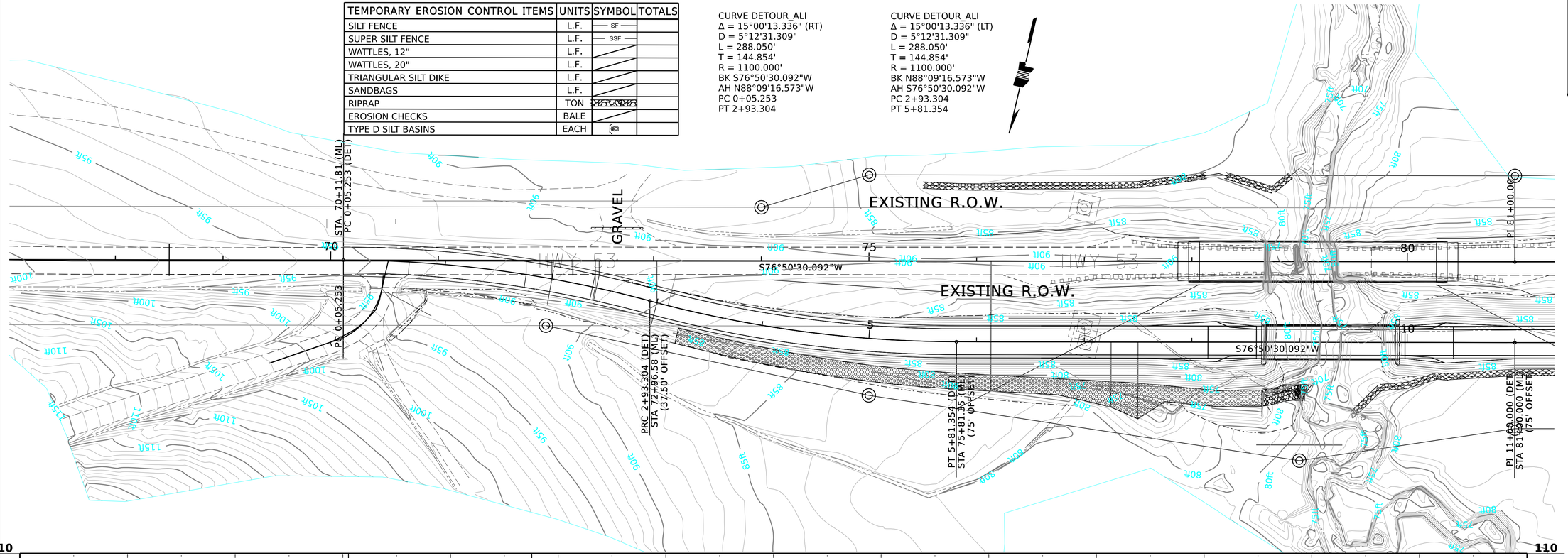
SHEET ID
ECP-3

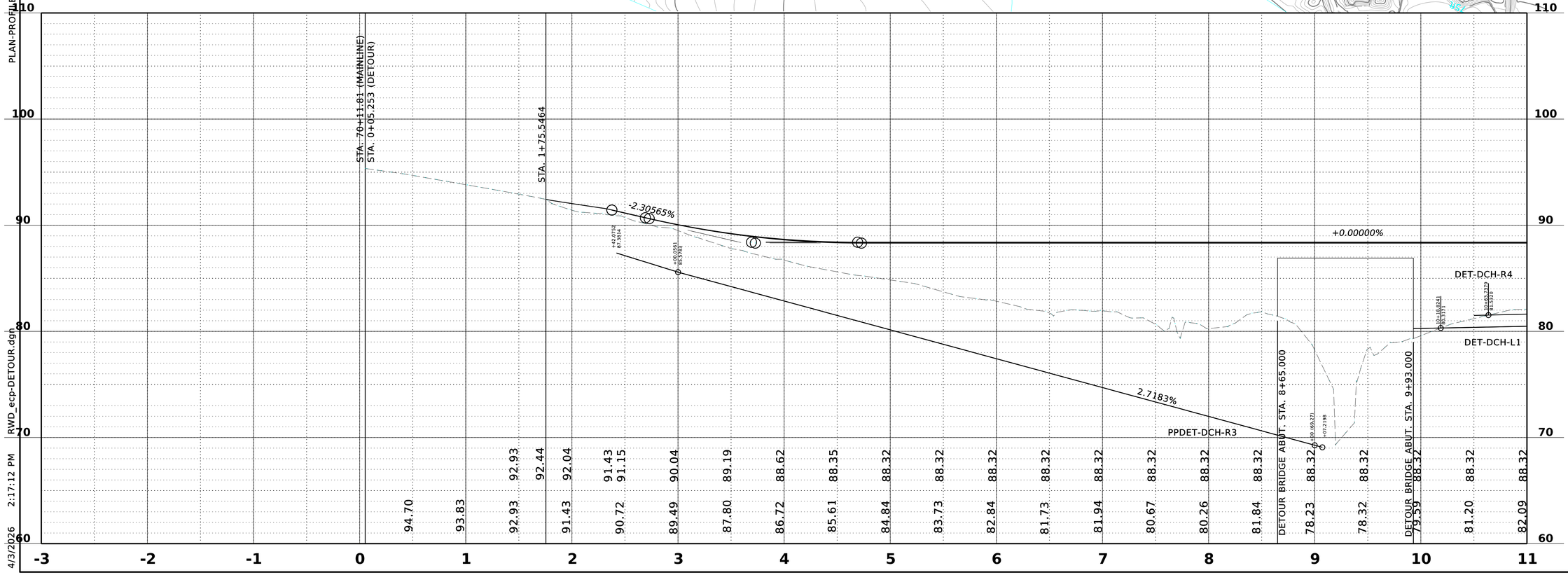
SHEET NO.
49

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		

CURVE DETOUR_ALI
Δ = 15°00'13.336" (RT)
D = 5°12'31.309"
L = 288.050'
T = 144.854'
R = 1100.000'
BK S76°50'30.092"W
AH N88°09'16.573"W
PC 0+05.253
PT 2+93.304

CURVE DETOUR_ALI
Δ = 15°00'13.336" (LT)
D = 5°12'31.309"
L = 288.050'
T = 144.854'
R = 1100.000'
BK N88°09'16.573"W
AH S76°50'30.092"W
PC 2+93.304
PT 5+81.354




PLAN-PROFILE SHEET
RWD_ecp-DETOUR.dgn
4/3/2026 2:17:12 PM
STA. 70+11.81 (MAINLINE)
STA. 0+05.253 (DETOUR)
STA. 1+75.5464
-2.30565%
+0.00000%
2.7183%
PPDET-DCH-R3
DET-DCH-R4
DET-DCH-L1
DETOUR BRIDGE ABUT. STA. 8+65.000
DETOUR BRIDGE ABUT. STA. 9+93.000
94.70
93.83
92.93
92.44
92.04
91.43
91.15
90.04
89.19
88.62
88.35
88.32
88.32
88.32

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		

INDICATES WETLAND AREA

+2.00000%

-0.20000%

PP-DITCH BTWL

PLAN-PROFILE SHEET

RWD_ecp-ML.dgn 2:17:28 PM 4/3/2026

DEPARTMENT OF TRANSPORTATION MISSISSIPPI

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: TWH

DETAILED BY: TWH

CHECKED BY:

DATE: 5/5/2023

FMS CON: 108393/301000

PROJECT NO.: STP-0064-01(037)

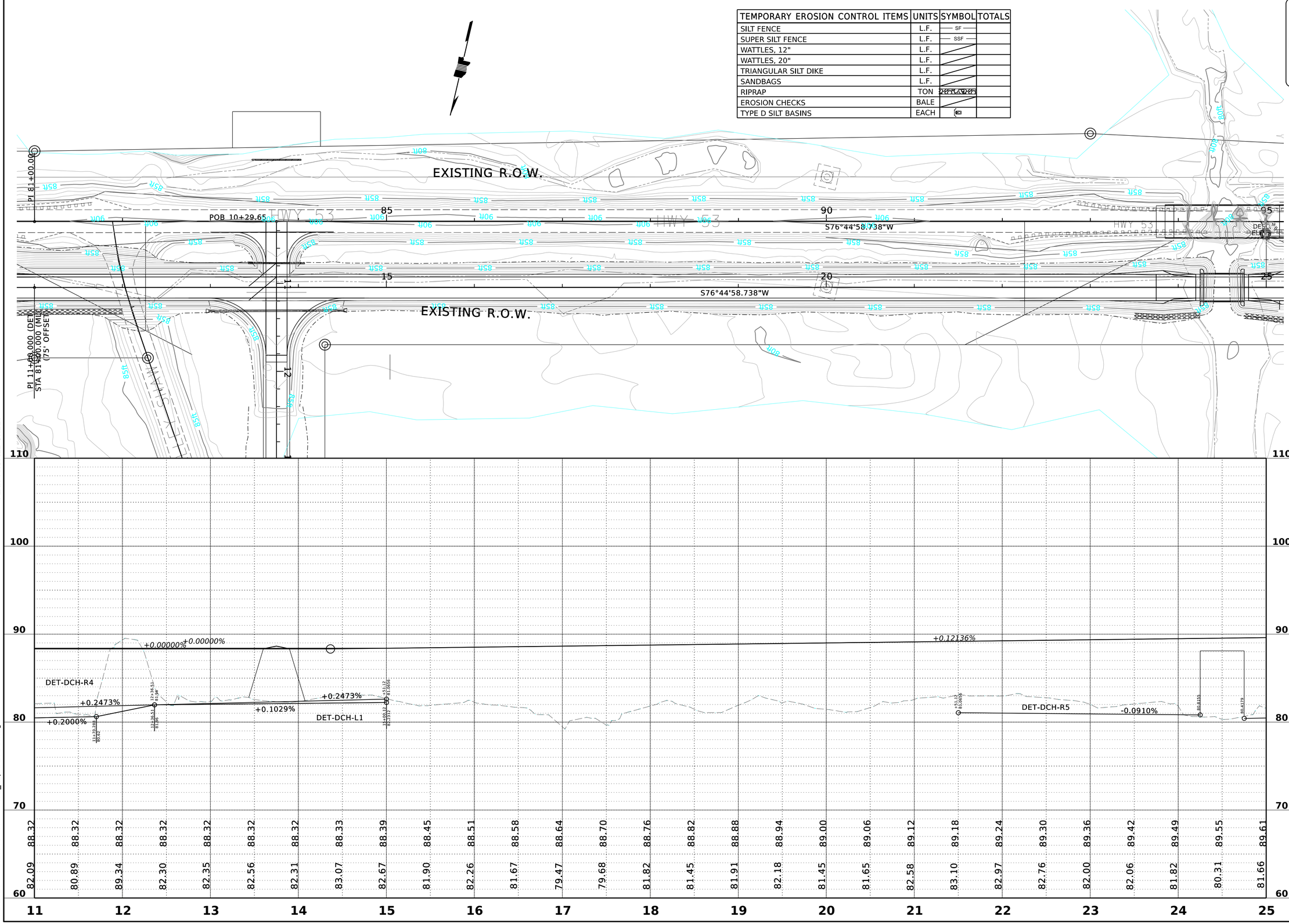
COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
MAINLINE S.R. 53
(STA. 81+00.000 TO STA. 95+00.000)

SHEET ID
ECP-4

SHEET NO.
51

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

RWD_ecp-DETOUR.dgn

2:17:41 PM

4/3/2026

DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108393/301000

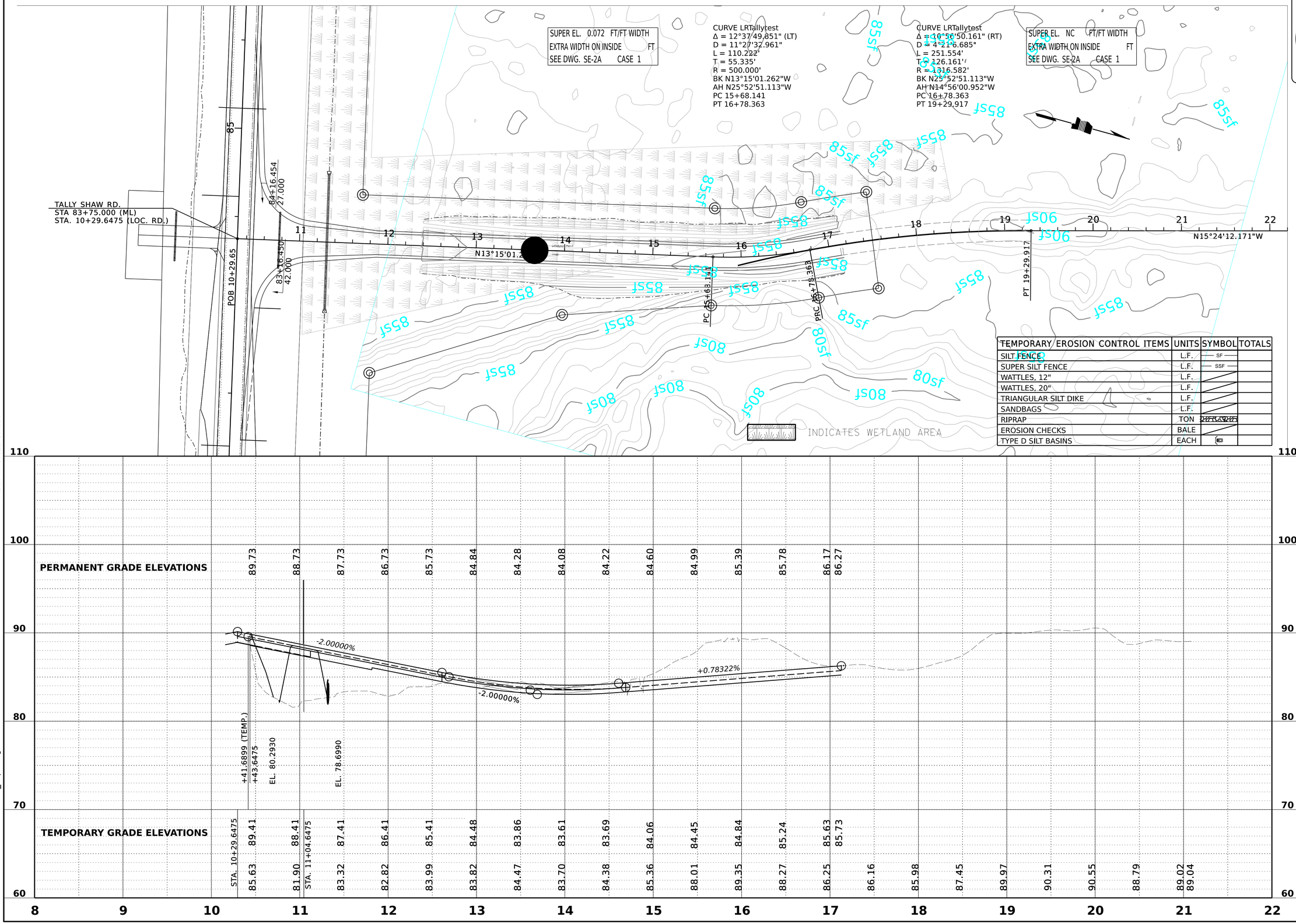
PROJECT NO.: STP-0064-01(037)

COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
DETOUR ROAD S.R. 53
(STA. 11+00 TO STA. 25+00)

SHEET ID
ECP-4A

SHEET NO.
52



PLAN-PROFILE SHEET

RWD_ecp-lr.dgn

4/3/2026 2:17:54 PM

DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108393/301000

PROJECT NO.: STP-0064-01(037)

COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
LOCAL ROAD - TALLY SHAW ROAD
(PERMANENT GRADES) (PHASE III)

SHEET ID
ECP-4B

SHEET NO.
53

SUPER EL. 0.076 FT/FT WIDTH
EXTRA WIDTH ON INSIDE FT
SEE DWG. SE-2A CASE 1

CURVE LRTallytest
Δ = 12°37/49.851" (LT)
D = 11°2/7'32.961"
L = 110.222'
T = 55.335'
R = 500.000'
BK N13°15'01.262"W
AH N25°52'51.113"W
PC 15+68.141
PT 16+78.363

CURVE LRTallytest
Δ = 10°56'50.161" (RT)
D = 4°21'6.685"
L = 251.554'
T = 126.161'
R = 1316.582'
BK N25°52'51.113"W
AH N14°56'00.952"W
PC 16+78.363
PT 19+29.917

SUPER EL. NC FT/FT WIDTH
EXTRA WIDTH ON INSIDE FT
SEE DWG. SE-2A CASE 1

TALLY SHAW RD.
STA 83+75.000 (ML)
STA. 10+29.6475 (LOC. RD.)

POB 10+29.65

N13°15'01.262"W

PC 15+68.141

PRC 16+79.368

PT 19+29.917

N15°24'12.171"W

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		

INDICATES WETLAND AREA

-2.00000%

-2.00000%

+0.78322%

+41.6899 (TEMP.)
+43.6475
EL. 80.2930
EL. 78.6990

STA. 10+29.6475	STA. 11+04.6475
89.41	88.41
85.63	81.90
87.41	86.41
83.32	82.82
85.41	84.48
83.99	83.82
83.86	83.61
84.47	83.70
83.69	84.06
84.38	85.36
84.45	84.84
88.01	89.35
85.24	85.63
88.27	86.25
85.73	86.16
85.98	87.45
89.97	90.31
90.55	88.79
89.02	89.04

DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
LOCAL ROAD - TALLY SHAW ROAD
(TEMPORARY GRADES) (PHASE I)

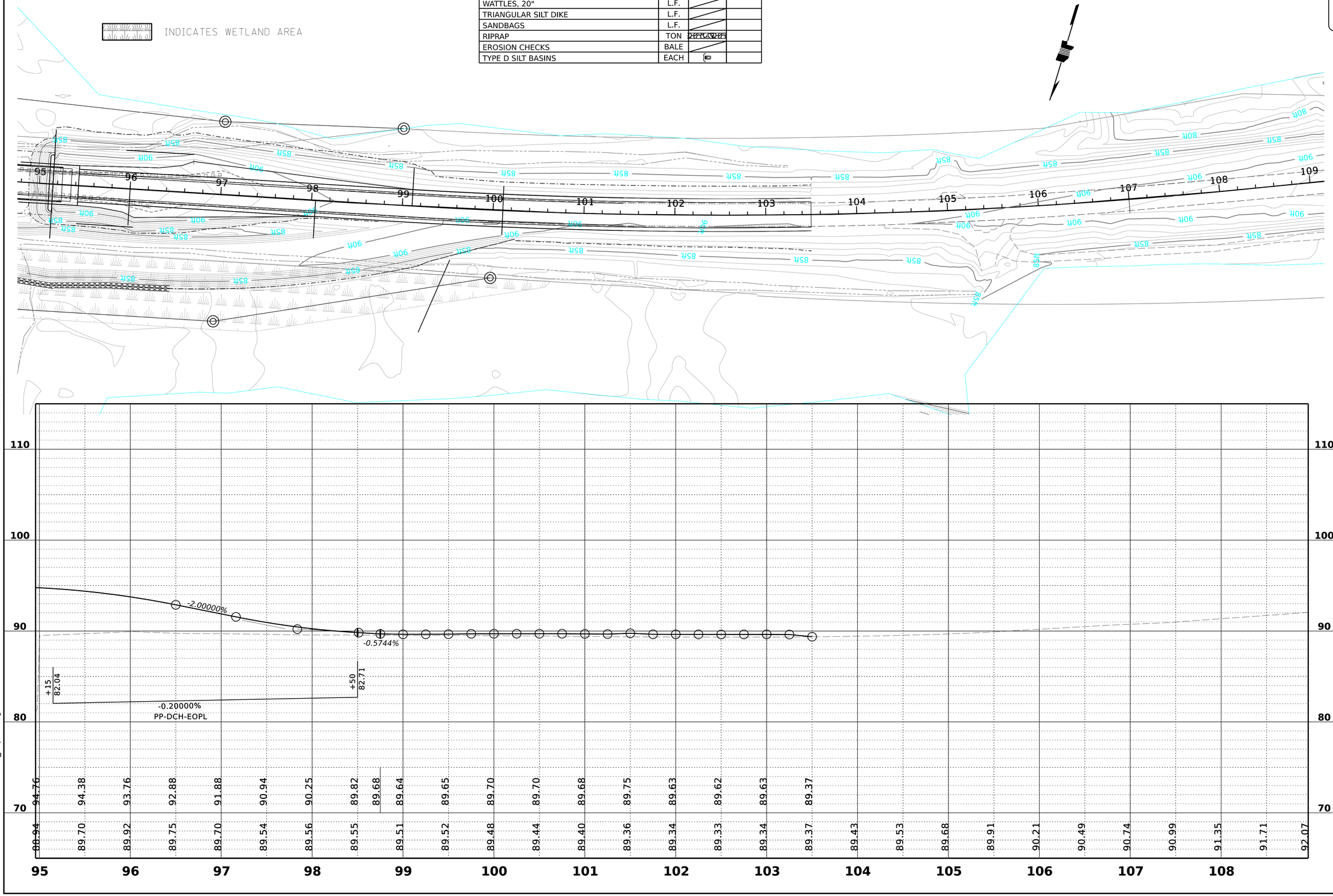
SHEET ID
ECP-4C

SHEET NO.
54

PLAN-PROFILE SHEET
RWD_ecp-lrtemp.dgn
4/3/2026 2:18:09 PM

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		

INDICATES WETLAND AREA



PLAN-PROFILE SHEET

RWD_ecp-ML.dgn 2:18:26 PM 4/3/2026

DEPARTMENT OF TRANSPORTATION MISSISSIPPI

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: TWH

DETAILED BY: TWH

CHECKED BY:

DATE: 5/5/2023

FMS CON: 108393/301000

PROJECT NO.: STP-0064-01(037)

COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
MAINLINE S.R. 53
(STA. 95+00.000 TO STA. 103+50.000)

SHEET ID
ECP-5

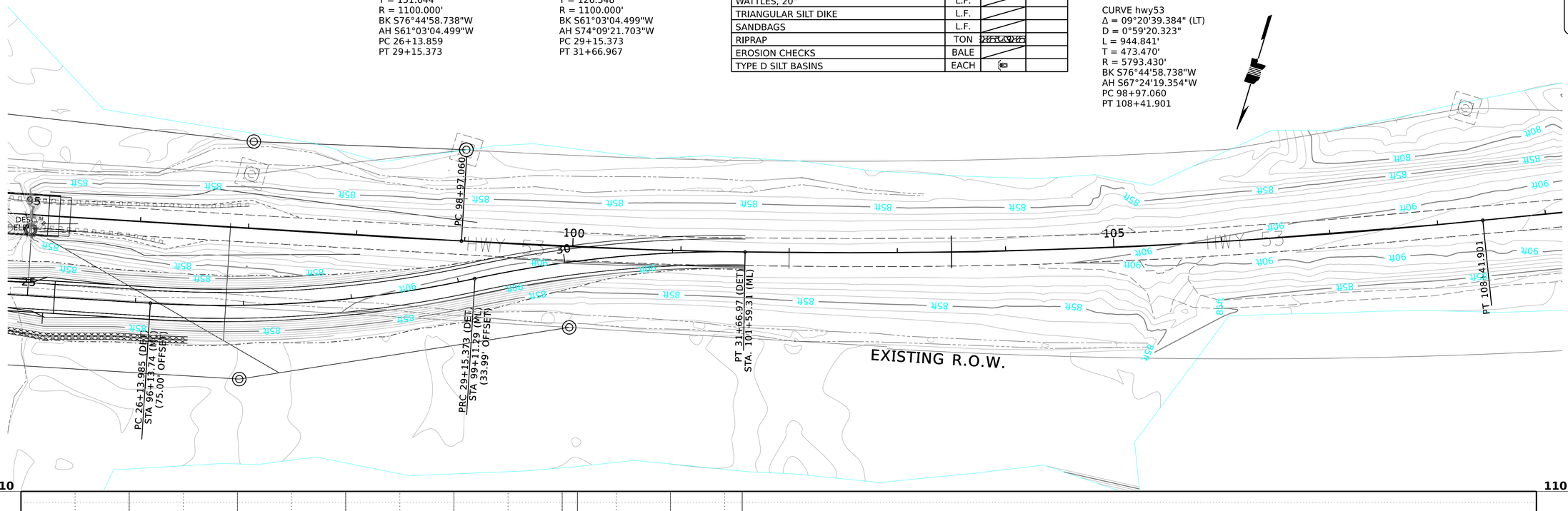
SHEET NO.
55

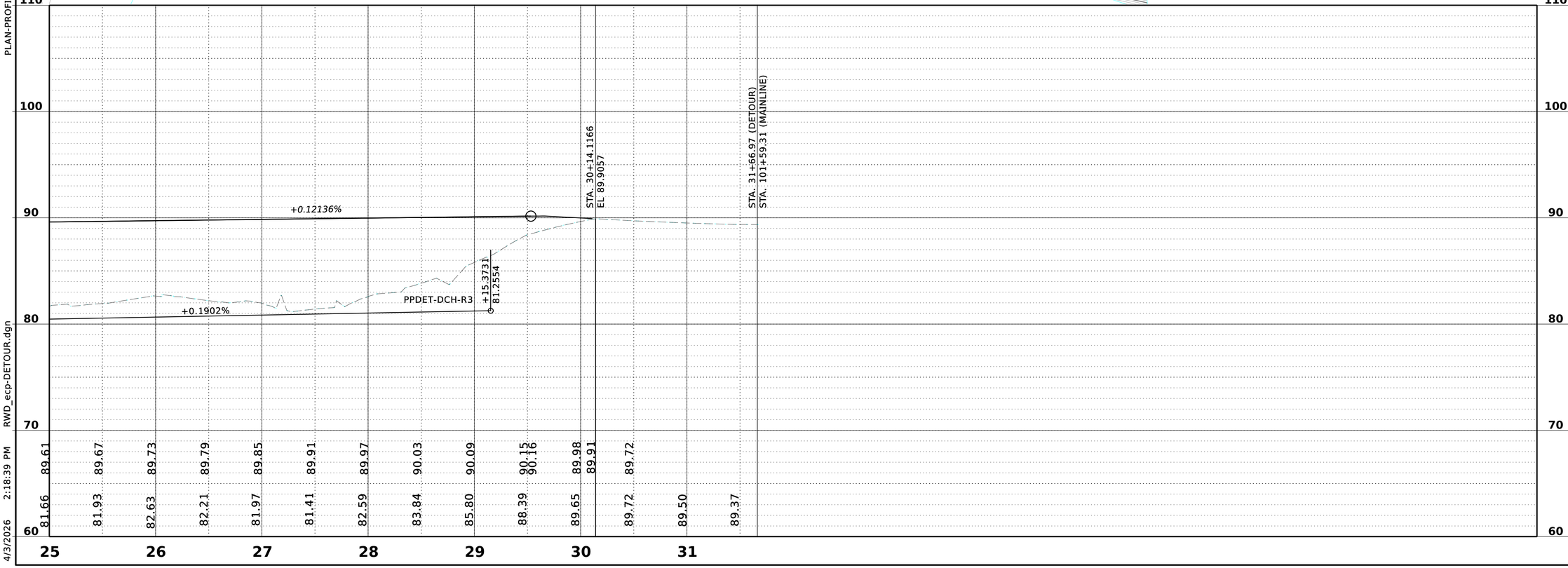
CURVE DETOUR_ALI
Δ = 15°41'54.239" (LT)
D = 5°12'31.309"
L = 301.388'
T = 151.644'
R = 1100.000'
BK S76°44'58.738"W
AH S61°03'04.499"W
PC 26+13.859
PT 29+15.373

CURVE DETOUR_ALI
Δ = 13°06'17.204" (RT)
D = 5°12'31.309"
L = 251.594'
T = 126.348'
R = 1100.000'
BK S61°03'04.499"W
AH S74°09'21.703"W
PC 29+15.373
PT 31+66.967

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		

CURVE hwy53
Δ = 09°20'39.384" (LT)
D = 0°59'20.323"
L = 944.841'
T = 473.470'
R = 5793.430'
BK S76°44'58.738"W
AH S67°24'19.354"W
PC 98+97.060
PT 108+41.901





MISSISSIPPI DEPARTMENT OF TRANSPORTATION

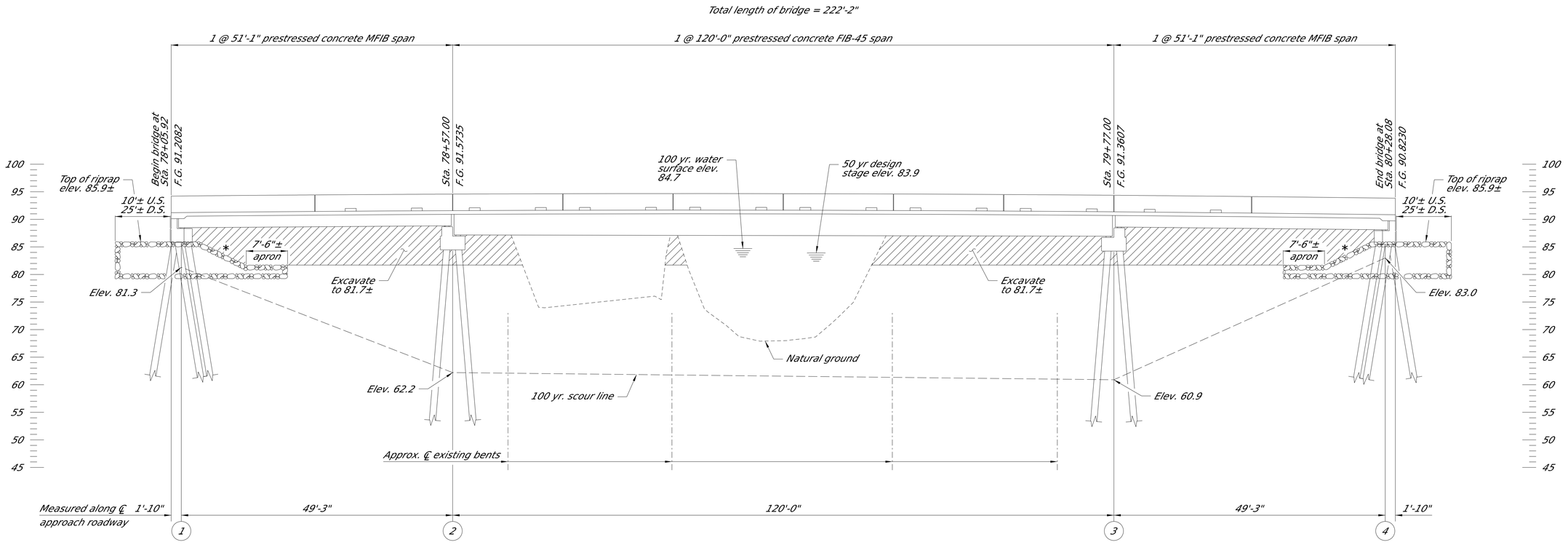
DESIGNED BY:
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

PRELIMINARY EROSION CONTROL PLAN
DEOTUR ROAD S.R. 53
(STA. 25+00 TO STA. 31+66.97)

SHEET ID
ECP-5A

SHEET NO.
56



EROSION CONTROL ELEVATION

Scale: 1" = 10'-0"

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 drivings.
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

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: BARRETT GERMOND
DETAILED BY: BARRETT GERMOND
CHECKED BY: SHANE WRIGHT
DATE: 2025-10-28

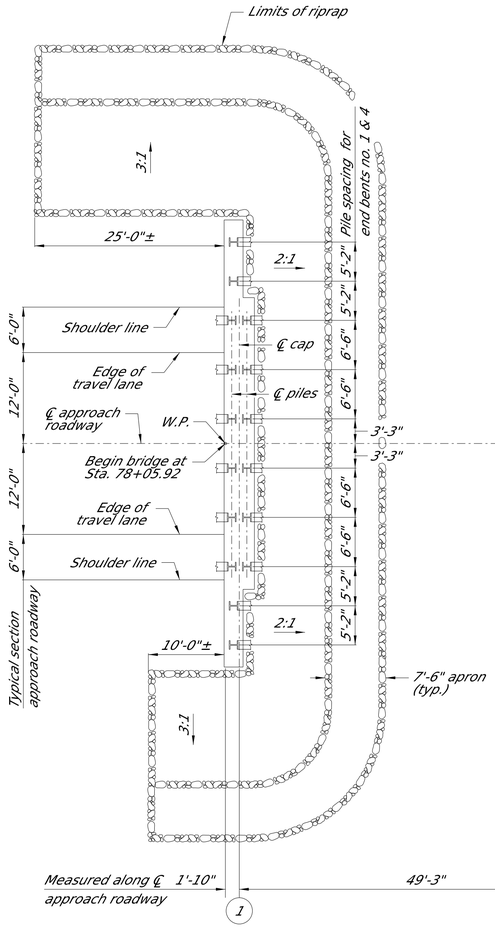
FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

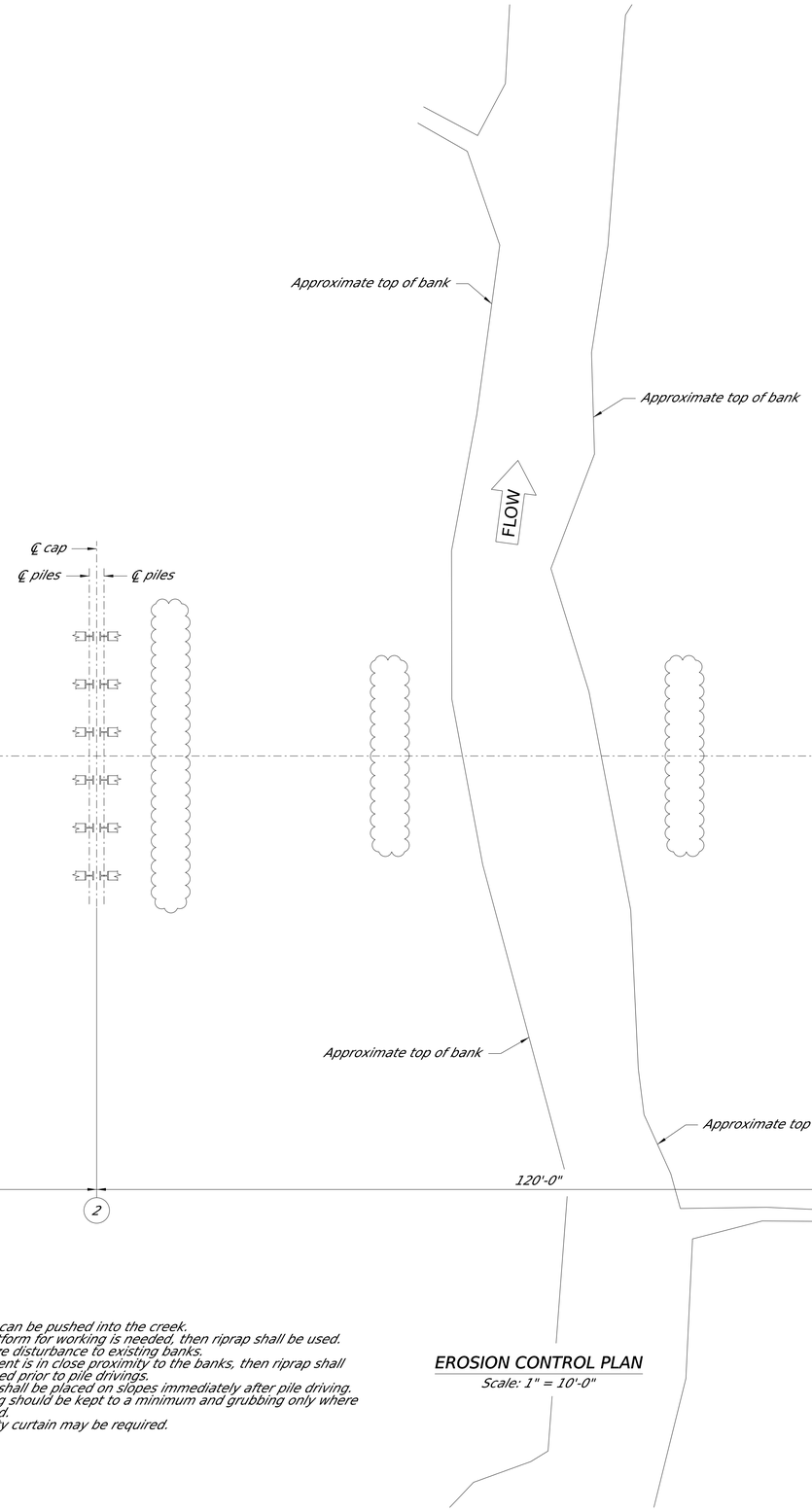
BRIDGE AT STA. 78+05.92
SR 53 OVER MILL CREEK/WOLF RIVER
RELIEF EROSION CONTROL ELEVATION

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

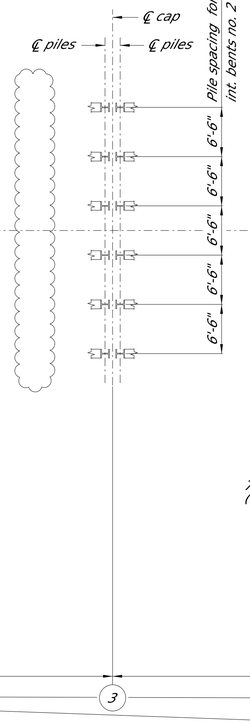
WK. NO.
ECBR-A1

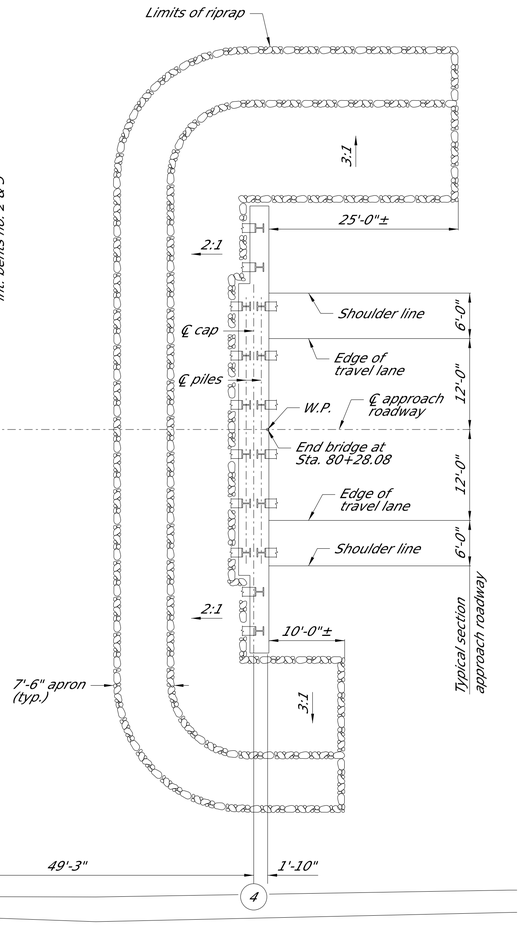
SHEET NO.
8037











Denotes approximate existing substructure

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 drivings.
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.

EROSION CONTROL PLAN

Scale: 1" = 10'-0"

PRELIMINARY
NOT FOR
CONSTRUCTION

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: BARRETT GERMOND
DETAILED BY: BARRETT GERMOND
CHECKED BY: SHANE WRIGHT
DATE: 2025-10-28

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

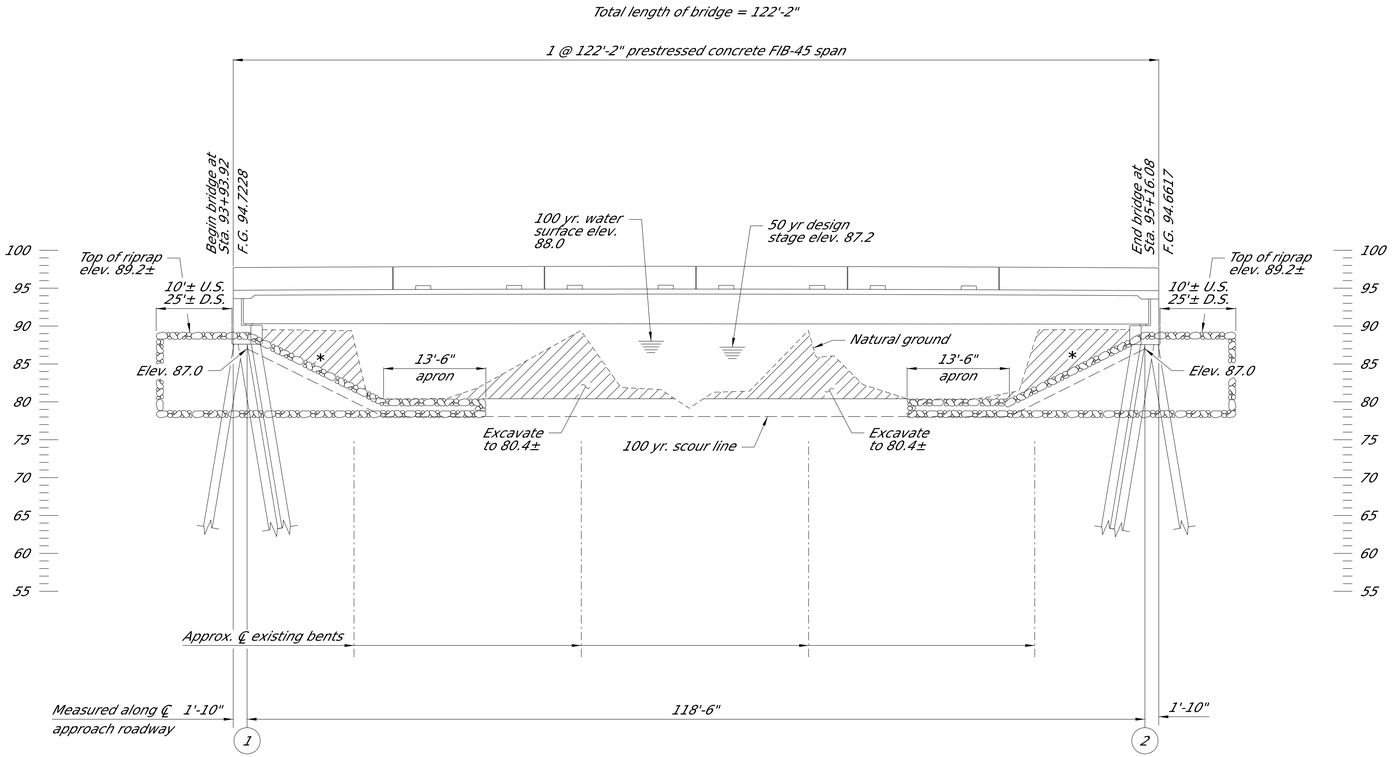
BRIDGE AT STA. 78+05.92
SR 53 OVER MILL CREEK/WOLF RIVER
RELIEF EROSION CONTROL PLAN

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.
8038

4/16/2025 1:09:40 PM Bridge Index & End Sheets.dgn PLAN SHEET



EROSION CONTROL ELEVATION

Scale: 1" = 10'-0"

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 drivings.
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

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: BARRETT GERMOND
DETAILED BY: BARRETT GERMOND
CHECKED BY: SHANE WRIGHT
DATE: 2025-10-28

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

BRIDGE AT STA. 93+93.92
SR 53 OVER WOLF RIVER RELIEF
EROSION CONTROL ELEVATION

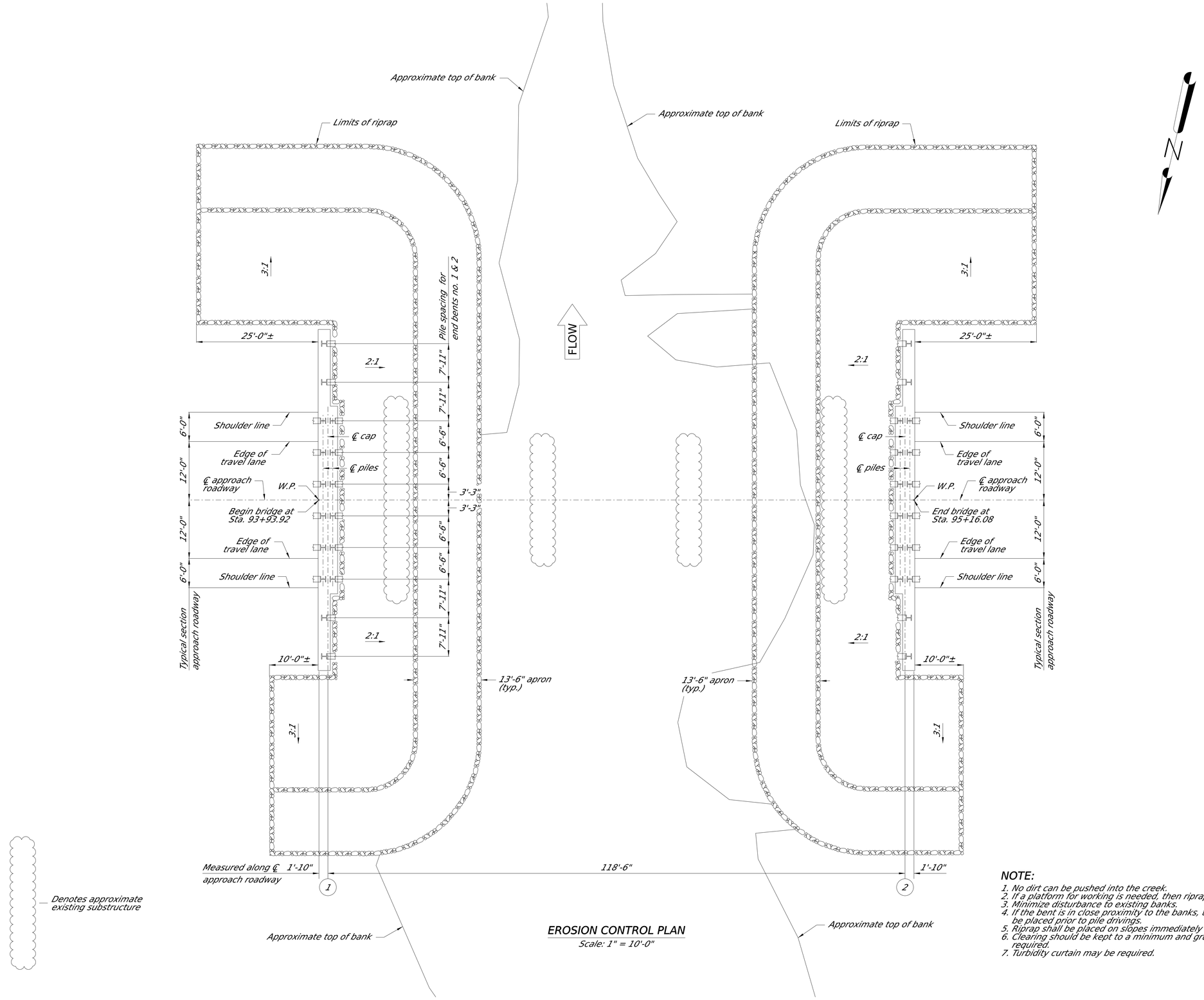
DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO.
ECBR-B1

SHEET NO.
8039

PLAN SHEET

4/16/2025 1:09:41 PM Bridge Index & End Sheets.dgn



EROSION CONTROL PLAN

Scale: 1" = 10'-0"

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 drivings.
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: BARRETT GERMOND
DETAILED BY: BARRETT GERMOND
CHECKED BY: SHANE WRIGHT
DATE: 2025-10-28

FMS CON: 108393/301000
PROJECT NO.: STP-0064-01(037)
COUNTY: HARRISON

BRIDGE AT STA. 93+93.92
SR 53 OVER WOLF RIVER RELIEF
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-B2

SHEET NO.
8040

PLAN SHEET

4/16/2025 1:09:41 PM Bridge Index & End Sheets.dgn