

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



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

October 21, 2025

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. BR-0051-02(023) FMS 102383/302000 on SR 32 for bridge replacement work in Tallahatchie County near Tutwiler, Mississippi. All necessary information is enclosed in this application.

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. Riparian Buffer Sheet layout ECP-RB-3, RB-4 and RB-6 is included depicting our plan view to ensure buffer protection around the Tallahatchie River and Locopolis Bayou.

A new alignment will be established where Bridges 45.6 and 46.2 will be constructed adjacent to and north of the existing roadway. Bridge 47.0 will be rebuilt on the existing alignment and footprint. All three existing structures and alignment will be removed when complete. Shoulder widening will extend the roadside ditches. ECP sheets are included with a location map. Tallahatchie River is listed as impaired due to DDT, sediment, Organic Enrichment/Low Dissolved Oxygen, Total Nitrogen and Phosphorous and Toxaphene on the 303(d) list. The Sediment TMDL is 0.0014 to 0.0045 T/A/D.

Ms. Carrie Barefoot

Various erosion control measures that will be used are geotextile stabilization, topsoil for slope treatment, solid sodding, concrete paved ditch, grassing, agricultural limestone, vegetative mulch, temporary grassing, temporary silt fence, Silt Basin Type D, 20" wattles, silt dike, sandbags, and riprap for erosion control. Turbidity curtain may also be required. The site specific SWPPP that will be submitted by the contractor for approval will have all of this information. Approximately 22 acres of soil area will be disturbed. We believe these BMPs will suffice for adequate control of soil erosion leaving the worksite.

If you have questions, please feel free to give me a call at (601)359-7275. This project is scheduled to be advertised in December, 2025 and let in January, 2026.

Sincerely,

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

AI: 89838

MSR109689



Rec'd via email:
10/20/2025

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)

MSR10

9689

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ OWNER ☐ PRIME CONTRACTOR**OWNER CONTACT INFORMATION**

OWNER CONTACT PERSON: _____

OWNER COMPANY LEGAL NAME: _____

OWNER STREET OR P.O. BOX: _____

OWNER CITY: _____ STATE: _____ ZIP: _____

OWNER PHONE #: (____) _____ OWNER EMAIL: _____

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: _____

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: _____

CITY: _____ STATE: _____ COUNTY: _____ ZIP: _____

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

LATITUDE: ____ degrees ____ minutes ____ seconds LONGITUDE: ____ degrees ____ minutes ____ seconds

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

TOTAL ACREAGE THAT WILL BE DISTURBED ¹: _____

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:	____-____-____	
ESTIMATED CONSTRUCTION PROJECT END DATE:	____-____-____	
DESCRIPTION OF CONSTRUCTION ACTIVITY: _____		
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: _____		

SIC Code: ____-____-____	NAICS Code _____
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NEAREST NAMED RECEIVING STREAM: _____		
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? Parameter Pollutant(s): DDT, Organic Enrichment / Low Dissolved Oxygen,	YES ☐	NO ☐
FOR WHICH POLLUTANT: Sediment, Total Nitrogen, Total Phosphorus, Toxaphene; Sediment TMDL 0.0014 to 0.0045 T/A/D		
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY?	YES ☐	NO ☐
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): _____		
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER?	YES ☐	NO ☐
IF YES, INDICATE THE TYPE OF FLOCCULANT. ☐ ANIONIC POLYACRYLAMIDE (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 ft² 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 YES ☐ NO ☐
OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.)

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE
DOCUMENTATION THAT: **Corps Intent to Approve Under NW 14 Coverage
Included.**

- 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 YES ☐ NO ☐
OF ANY KIND? (If yes, please provide an antidegradation report.)

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

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 Applicant¹ (owner or prime contractor)

Date Signed

Printed Name¹

Title

¹This 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:

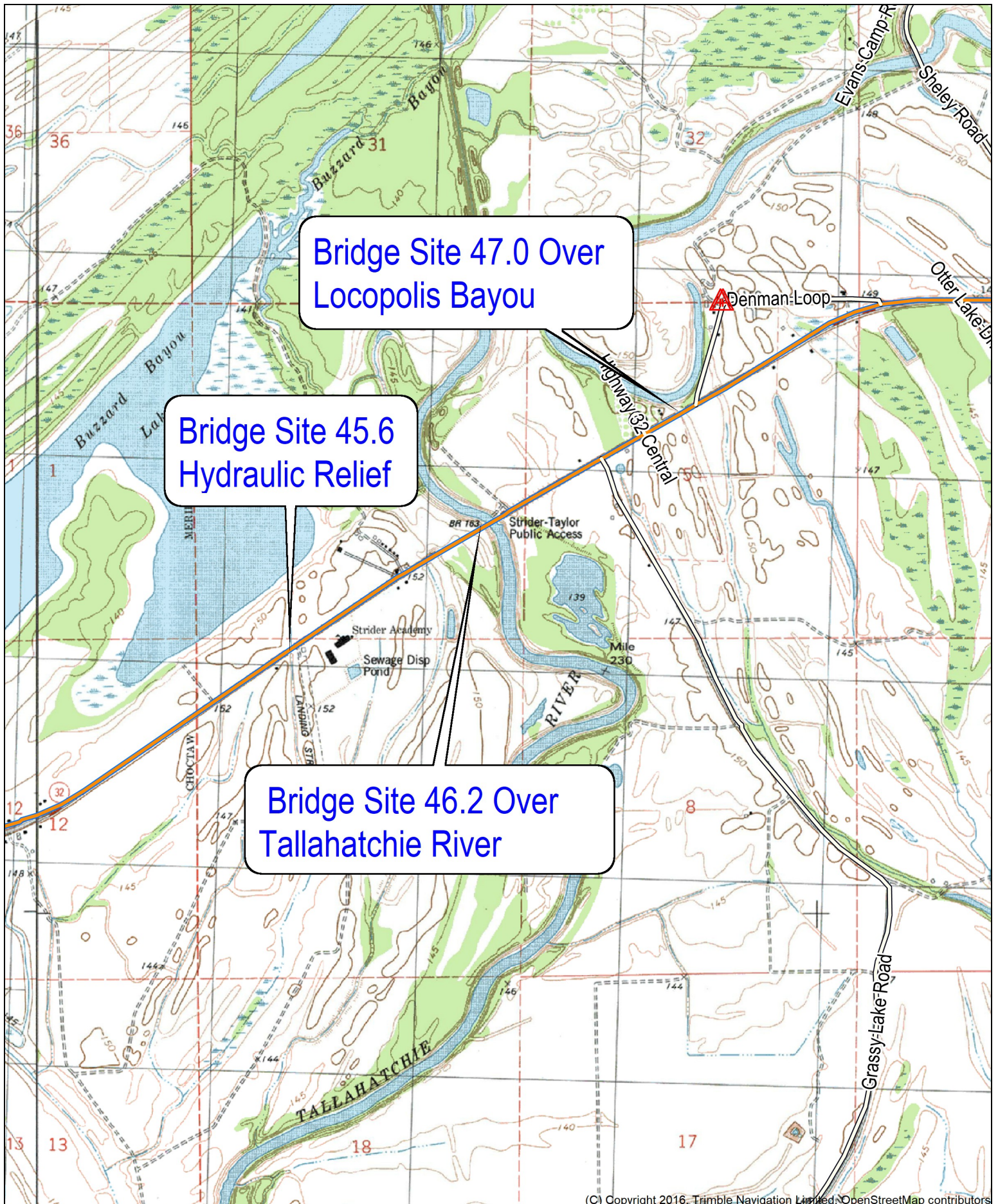
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically:

<https://www.mdeq.ms.gov/construction-stormwater/>

Revised 3/23/22

LOCATION MAP



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

Name: TIPPO
Date: 06/12/25
Scale: 1 inch = 2,000 ft.

Location: 033° 58' 18.8652" N, 090° 13' 31.2140" W
Tallahatchie County SR 32 Bridge Replacement Projects
FMS 102383/301000

(C) Copyright 2016, Trimble Navigation Limited



(C) Copyright 2017, Mapbox, OpenStreetMap contributors

Name: Satellite Image
Date: 06/12/25
Scale: 1 inch = 1,504 ft.

Location: 033° 58' 25.4842" N, 090° 13' 44.5778" W
Tallahatchie County SR 32 Bridge Replacement Projects
FMS 102383/301000

(C) Copyright 2017, Mapbox

CORPS Intent To Approve Under NW 14 Coverage

Taylor, John Cox

From: Wodtke, Andrea R
Sent: Thursday, October 9, 2025 3:54 PM
To: Nail, Chris
Cc: Taylor, John Cox; Johnson, Adam
Subject: FW: MDEQ - Tallahatchie 32 - 102383-302

Importance: High

Chris,

The below should fulfill the Corps permit info needed for the LCNOL app on the subject project.

Thanks,

Andrea

--

Andrea Wodtke
O: 601.359.7922
C: 601.323.4699

From: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Sent: Thursday, October 9, 2025 3:21 PM
To: Wodtke, Andrea R <awodtke@mdot.ms.gov>
Subject: RE: MDEQ - Tallahatchie 32 - 102383-302

Hey Andrea,

This one should fit under a NWP 14. It probably will be reporting due to the forested wetlands needing to be cleared.

Respectfully,

Jared

From: Wodtke, Andrea R <awodtke@mdot.ms.gov>
Sent: Wednesday, October 8, 2025 11:12 AM
To: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>
Subject: [Non-DoD Source] MDEQ - Tallahatchie 32 - 102383-302
Importance: High

Jared,

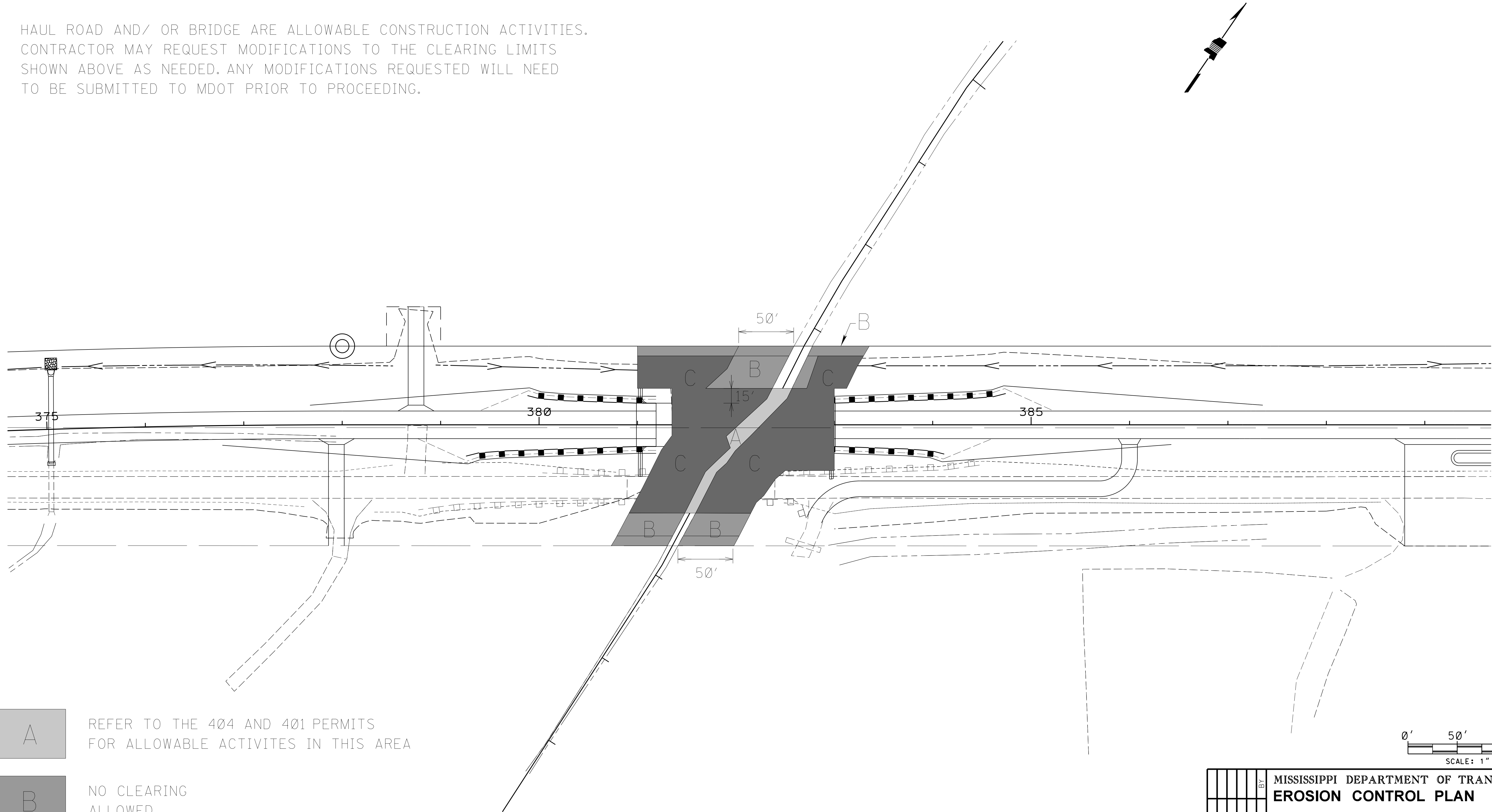
You received a permit application for the subject project. Considering all of the info, what type of permit do you anticipate issuing for the project?

Thanks!

RIPARIAN BUFFER ZONE AREAS

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

1. HAUL ROAD AND/ OR BRIDGE ARE ALLOWABLE 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.

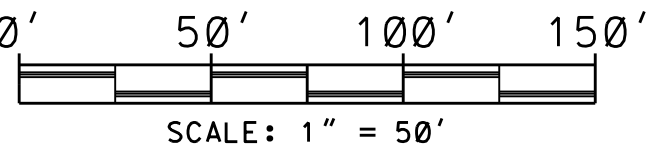


- A

REFER TO THE 404 AND 401 PERMITS FOR ALLOWABLE ACTIVITES IN THIS AREA
- B

NO CLEARING ALLOWED
- C

CLEARING AND GRUBBING ALLOWED



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
EROSION CONTROL PLAN			
RIPARIAN BUFFER			
SR 32			
BRIDGE NO. 45.6			
PROJ. NO.: BR-0051-02(023)			
COUNTY: TALLAHATCHIE			
REVISION	BY	DATE	FILE NAME: ECP-RB-3.dgn
			DESIGN TEAM MENDROP CHECKED DATE

WORKING NUMBER

ECP-RB-3

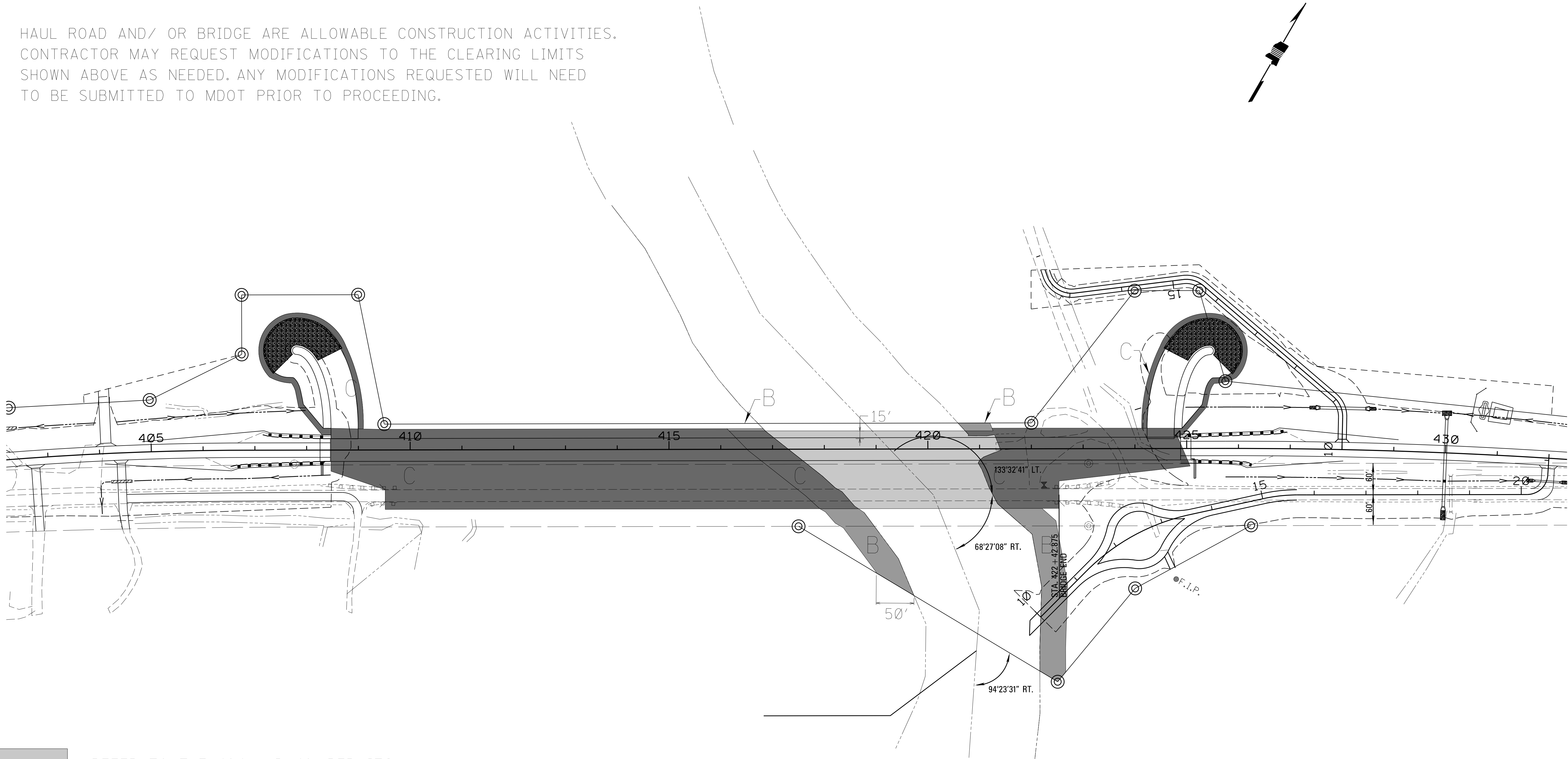
SHEET NUMBER

36



STATE	PROJECT NO.
MISS.	BR-0051-02(023)

1. HAUL ROAD AND/ OR BRIDGE ARE ALLOWABLE 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.

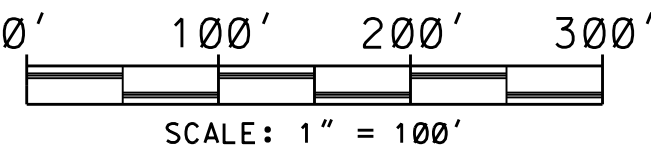


- A

REFER TO THE 404 AND 401 PERMITS FOR ALLOWABLE ACTIVITES IN THIS AREA
- B

NO CLEARING ALLOWED
- C

CLEARING AND GRUBBING ALLOWED

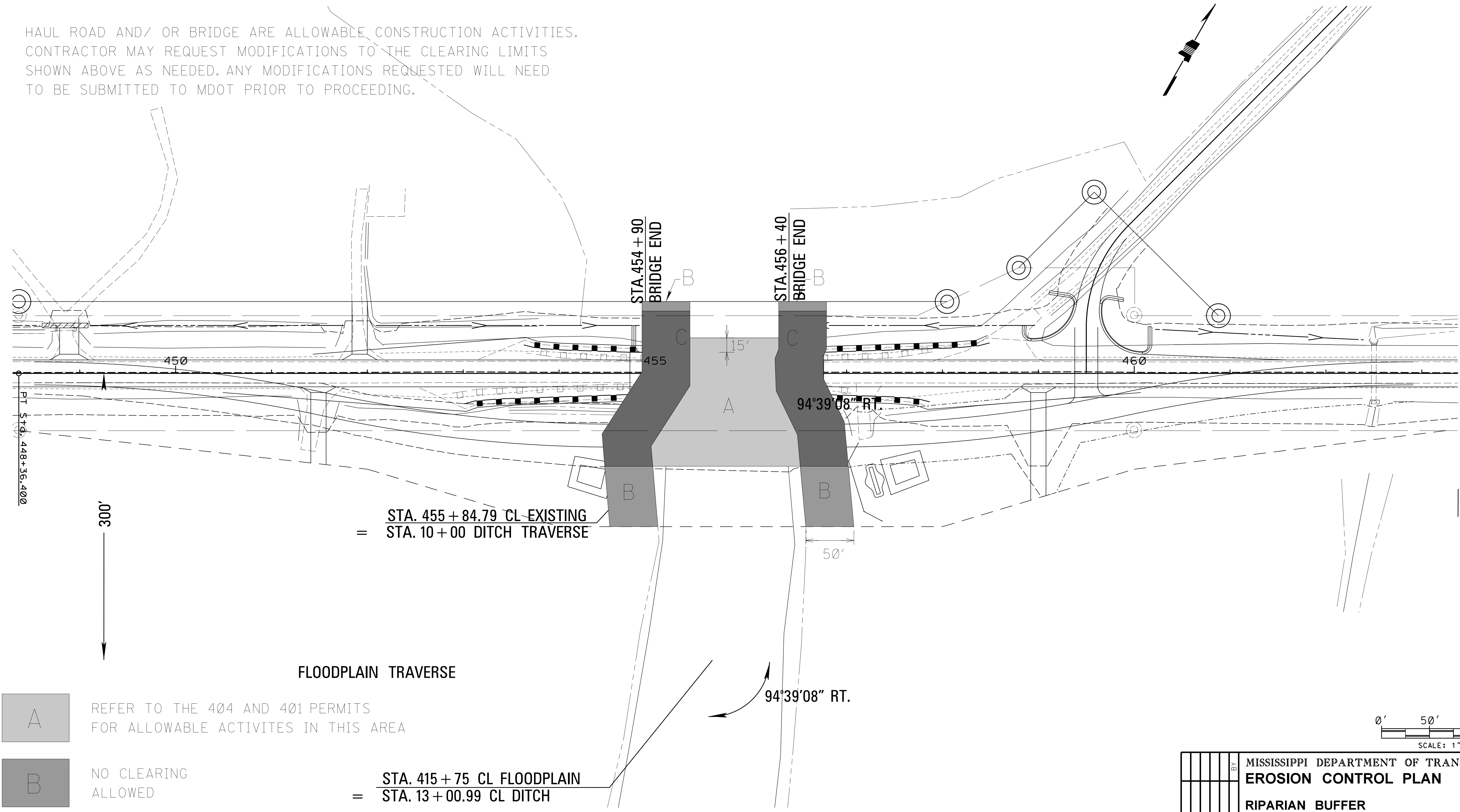


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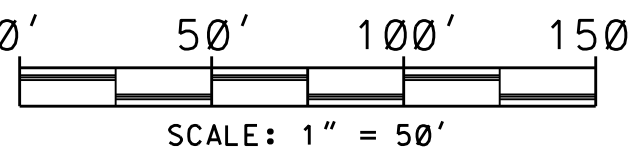


STATE	PROJECT NO.
MISS.	BR-0051-02(023)

- HAUL ROAD AND/ OR BRIDGE ARE ALLOWABLE CONSTRUCTION ACTIVITIES.
- 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



MISSISSIPPI DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLAN				WORKING NUMBER ECP-RB-6	
RIPARIAN BUFFER SR 32 BRIDGE NO. 47.0				SHEET NUMBER 44	
PROJ. NO.: BR-0051-02(023) COUNTY: TALLAHATCHIE					
DATE	FILE NAME:	ECP-RB-6.dgn			
DESIGN TEAM	MENDROP	CHECKED	DATE		

ROADWAY AND BRIDGE ECP PLANS

GENERAL INDEX

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

BRIDGE STRUCTURES REQ'D.

- Ⓐ BRIDGE NO. 45.6
STA. 381+18.92 TO 382+81.08
2@80'
LENGTH ALONG C 162'-2"
- Ⓑ BRIDGE NO. 46.2
STA. 408+45.92 TO 424+88.25
1@81'-1", 2@80', 2@120', 1@110', SKEW TRANSITIONS FROM
0° TO 30° RT FWD AT END OF 6TH SPAN
1@260', 1@410', 1@260', 1@121'-3"
LENGTH ALONG C 1,642'-4"
- Ⓒ BRIDGE NO. 47.0
STA. 454+93.92 TO STA. 456+56.08
4@40'
LENGTH ALONG C 162'-2"

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA 444+24.399 BK = STA 444+13.329 AH (-11.070)

LENGTH DATA

LENGTH OF ROADWAY	10,478.930	FT.	1.985	MI.
LENGTH OF BRIDGES	1,966.670	FT.	0.372	MI.
LENGTH OF PROJECT (NET)	12,445.600	FT.	2.357	MI.
LENGTH OF EXCEPTIONS		FT.		MI.
LENGTH OF PROJECT (GROSS)	12,445.600	FT.	2.357	MI.

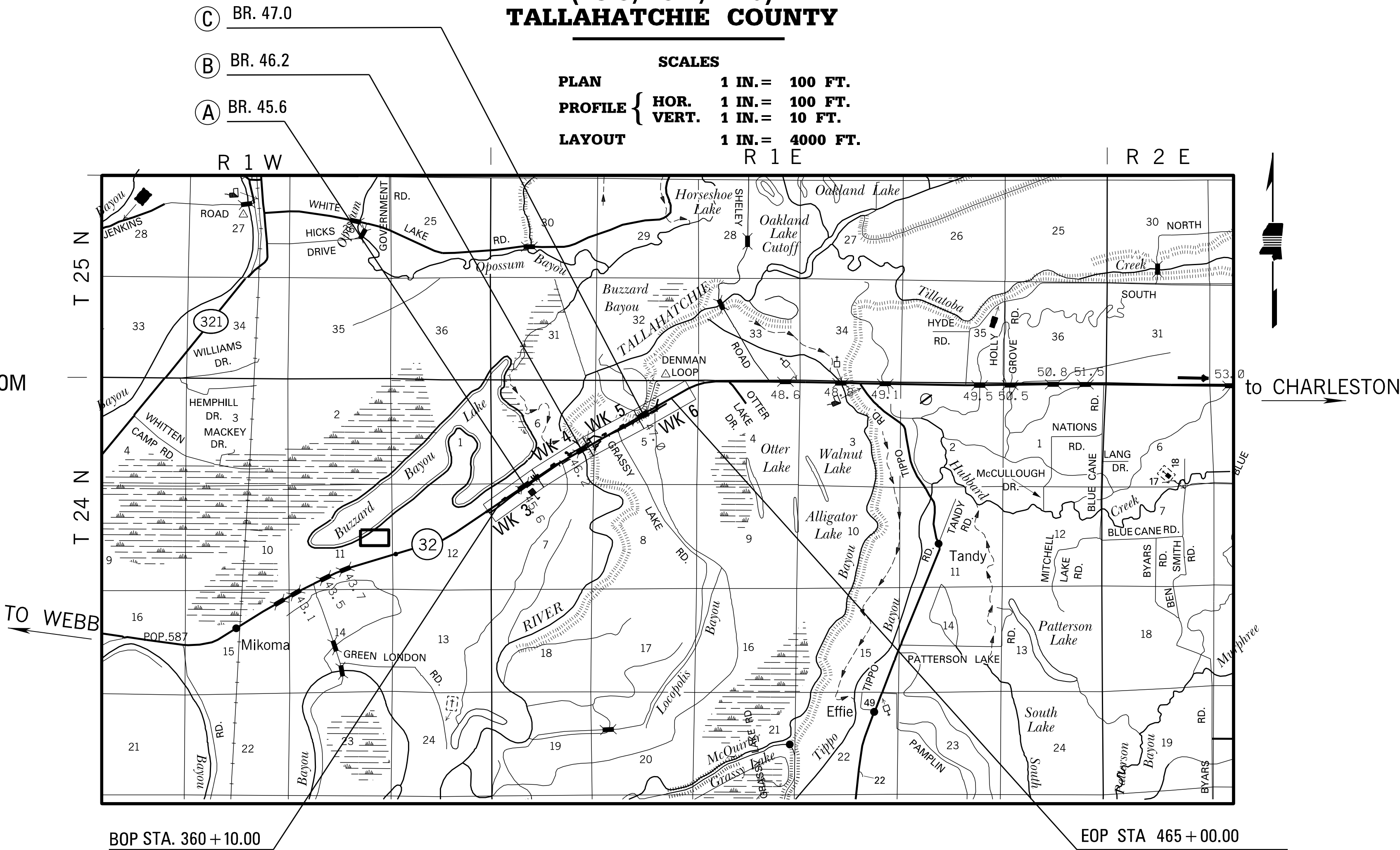
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

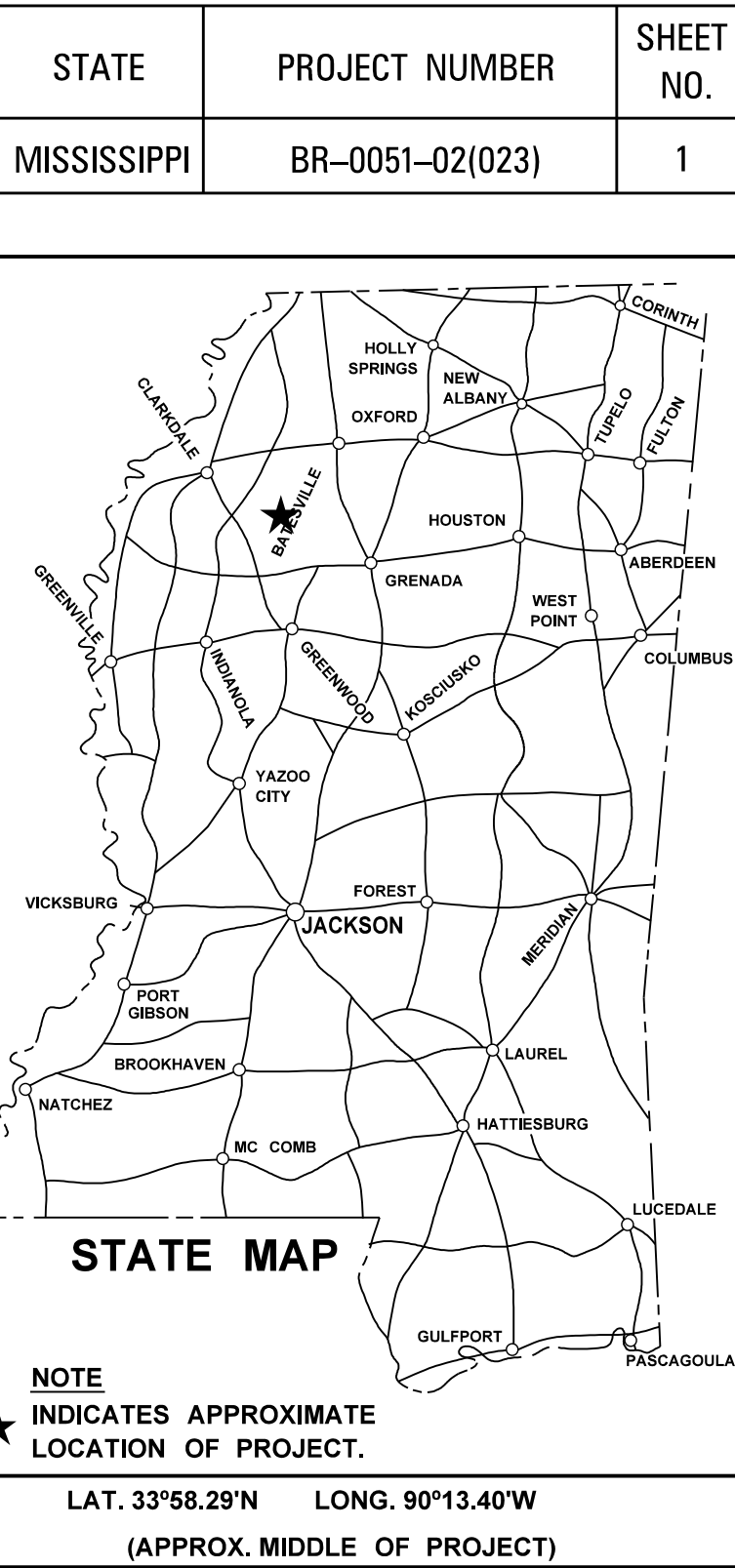
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-0051-02(023)

SR 32 BETWEEN WEBB AND CHARLESTON
REPLACE BRIDGES
(45.6, 46.2, 47.0)
TALLAHATCHIE COUNTY

FMS CON. NO. 102383/302000



EXCEPTIONS



DESIGN CONTROL (RURAL ARTERIAL)
65 MPH = V (SPEED DESIGN)

ADT (2018) = 1,300 ; ADT (2038) = 1,600
DHV = 180 ; D = 60 % T = 12 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLAND
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: _____		

P S & E DATE: 03/06/2024

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR



ROADWAY

BR-0051-02(023)

TALLAHATCHIE

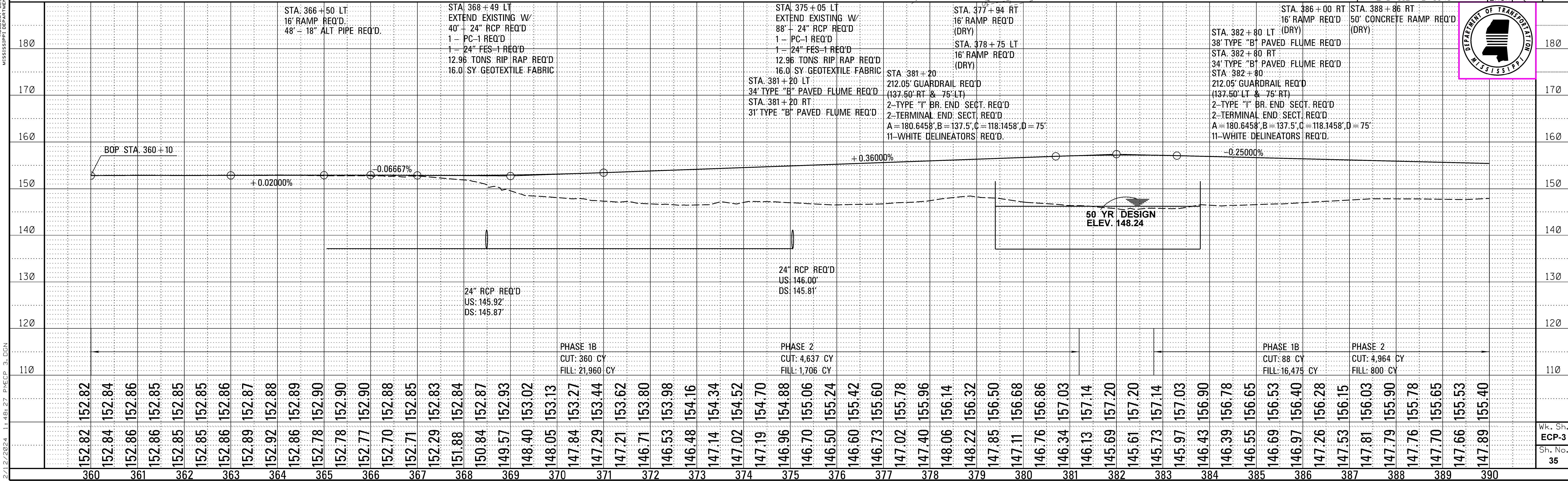
COUNTY

1

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

FLORIDA
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/12/2024 1:48:27 PM ECP 3.dgn



SCALE: 1"=100'
DESIGN SPEED=65MPH

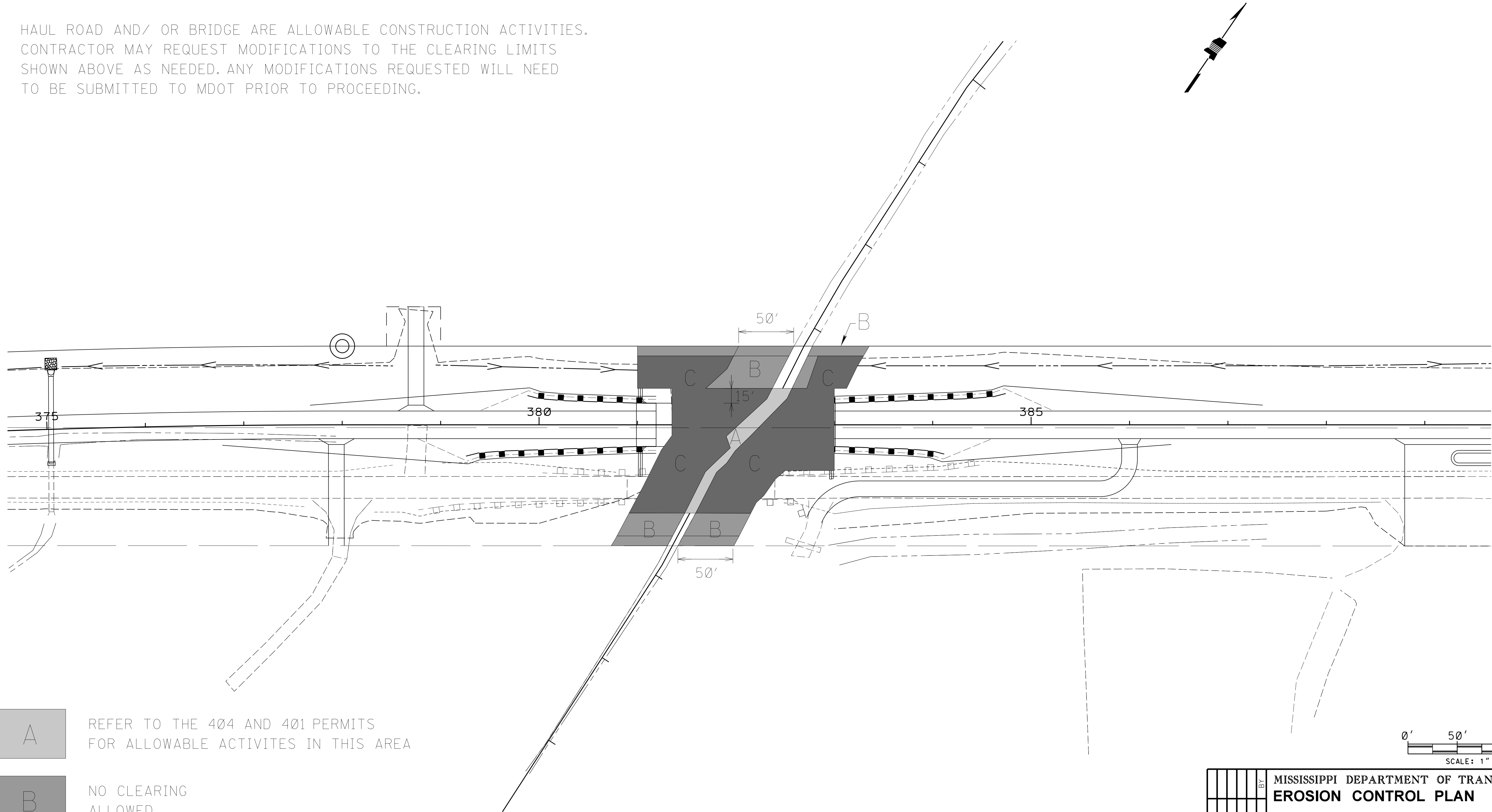


TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	SF	
SUPER SILT FENCE	L.F.	SSF	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



STATE	PROJECT NO.
MISS.	BR-0051-02(023)

1. HAUL ROAD AND/ OR BRIDGE ARE ALLOWABLE 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 ACTIVITES IN THIS AREA
- B

NO CLEARING ALLOWED
- C

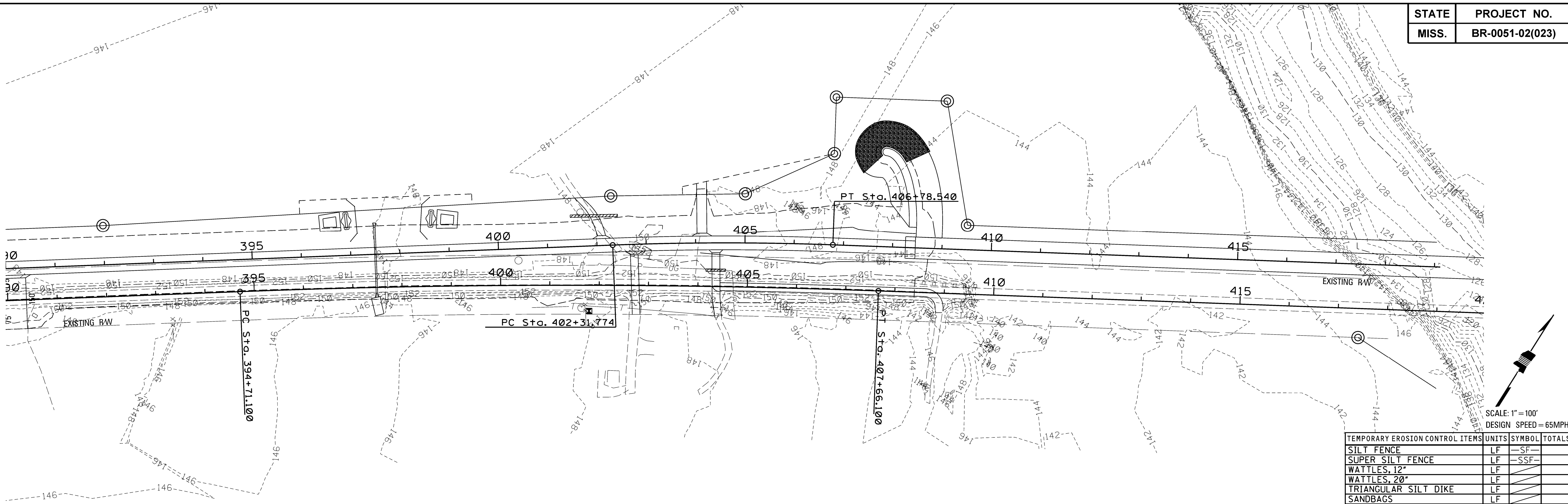
CLEARING AND GRUBBING ALLOWED



				MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
				EROSION CONTROL PLAN	
				RIPARIAN BUFFER	
				SR 32	
				BRIDGE NO. 45.6	
				PROJ. NO.: BR-0051-02(023)	
				COUNTY: TALLAHATCHIE	
				FILE NAME: ECP-RB-3.dgn	WORKING NUMBER
				DESIGN TEAM MENDROP	ECP-RB-3
				CHECKED	SHEET NUMBER
				DATE	36

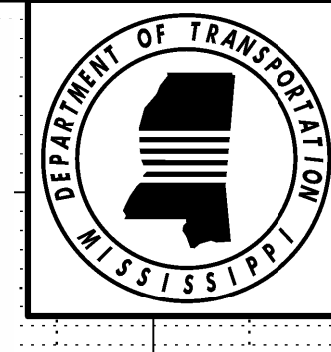
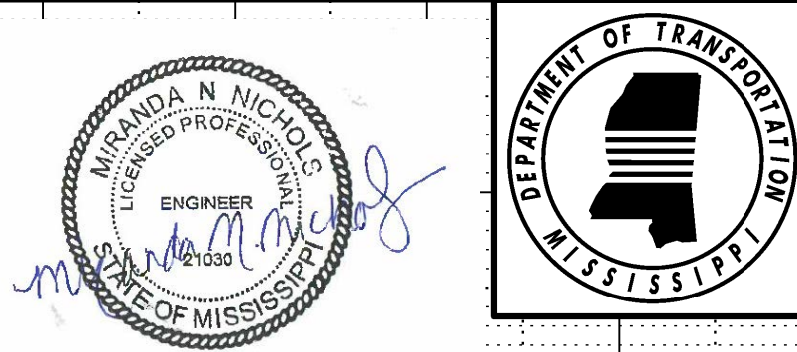
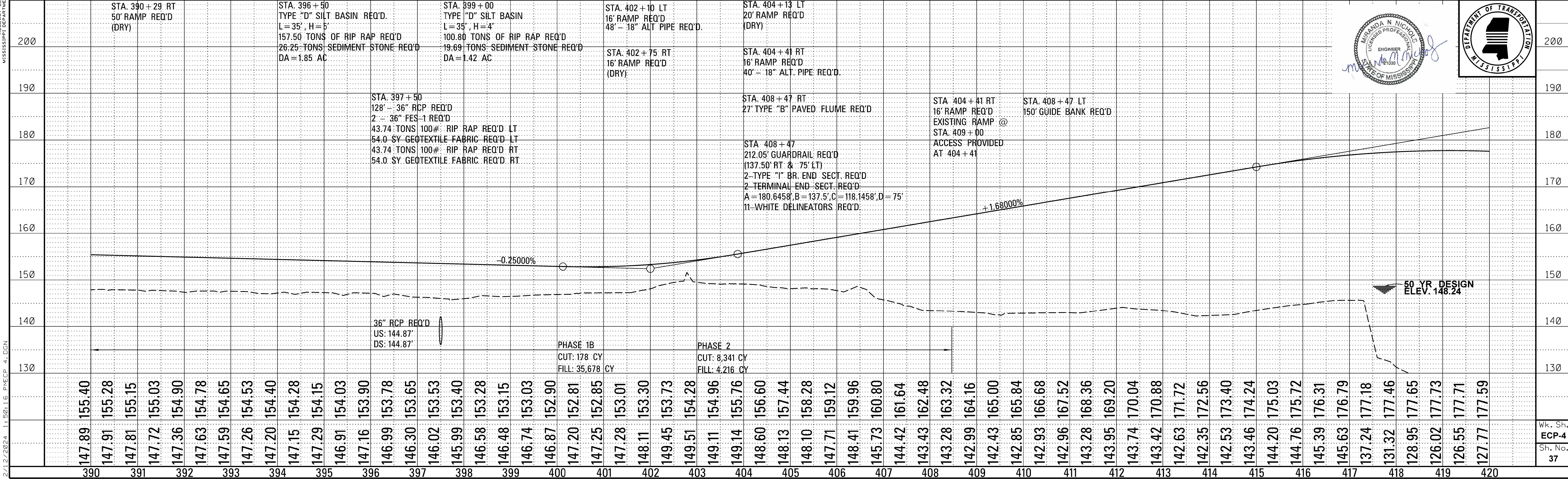


STATE	PROJECT NO.
MISS.	BR-0051-02(023)



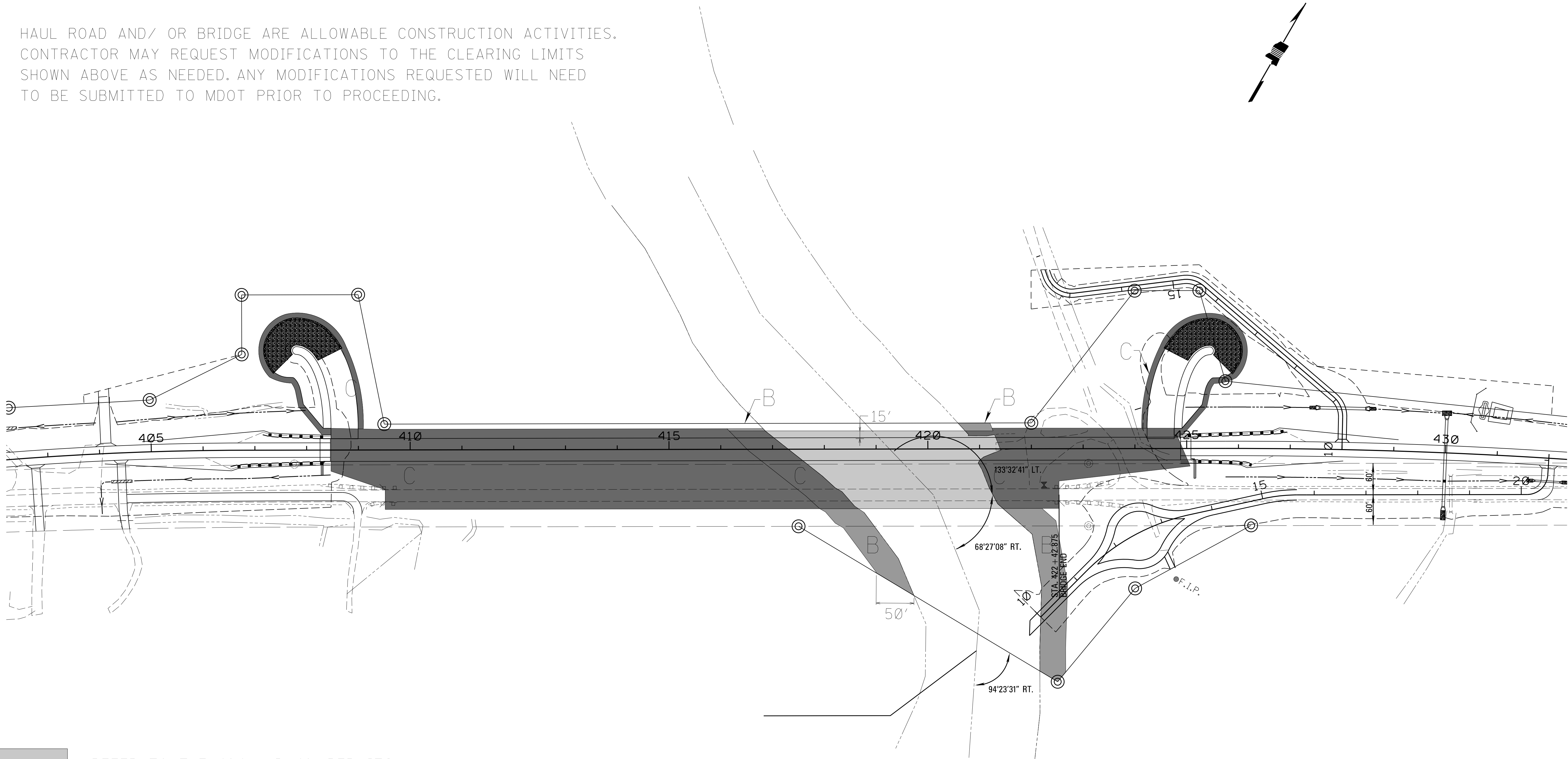
TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	LF	SF	
SUPER SILT FENCE	LF	SSF	
WATTLES, 12"	LF		
WATTLES, 20"	LF		
TRIANGULAR SILT DIKE	LF		
SANDBAGS	LF		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		

PLAN AND PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



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MISS.	BR-0051-02(023)

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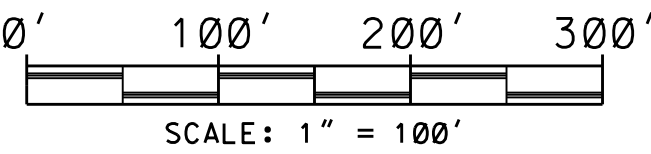


- A

REFER TO THE 404 AND 401 PERMITS FOR ALLOWABLE ACTIVITES IN THIS AREA
- B

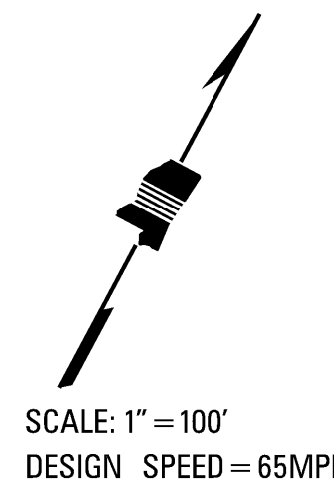
NO CLEARING ALLOWED
- C

CLEARING AND GRUBBING ALLOWED

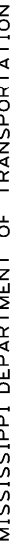
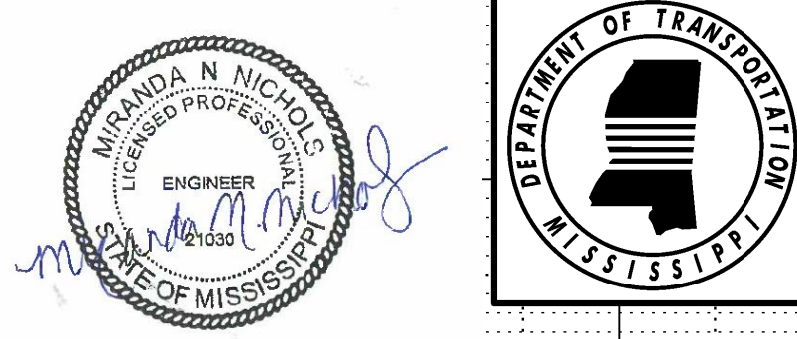


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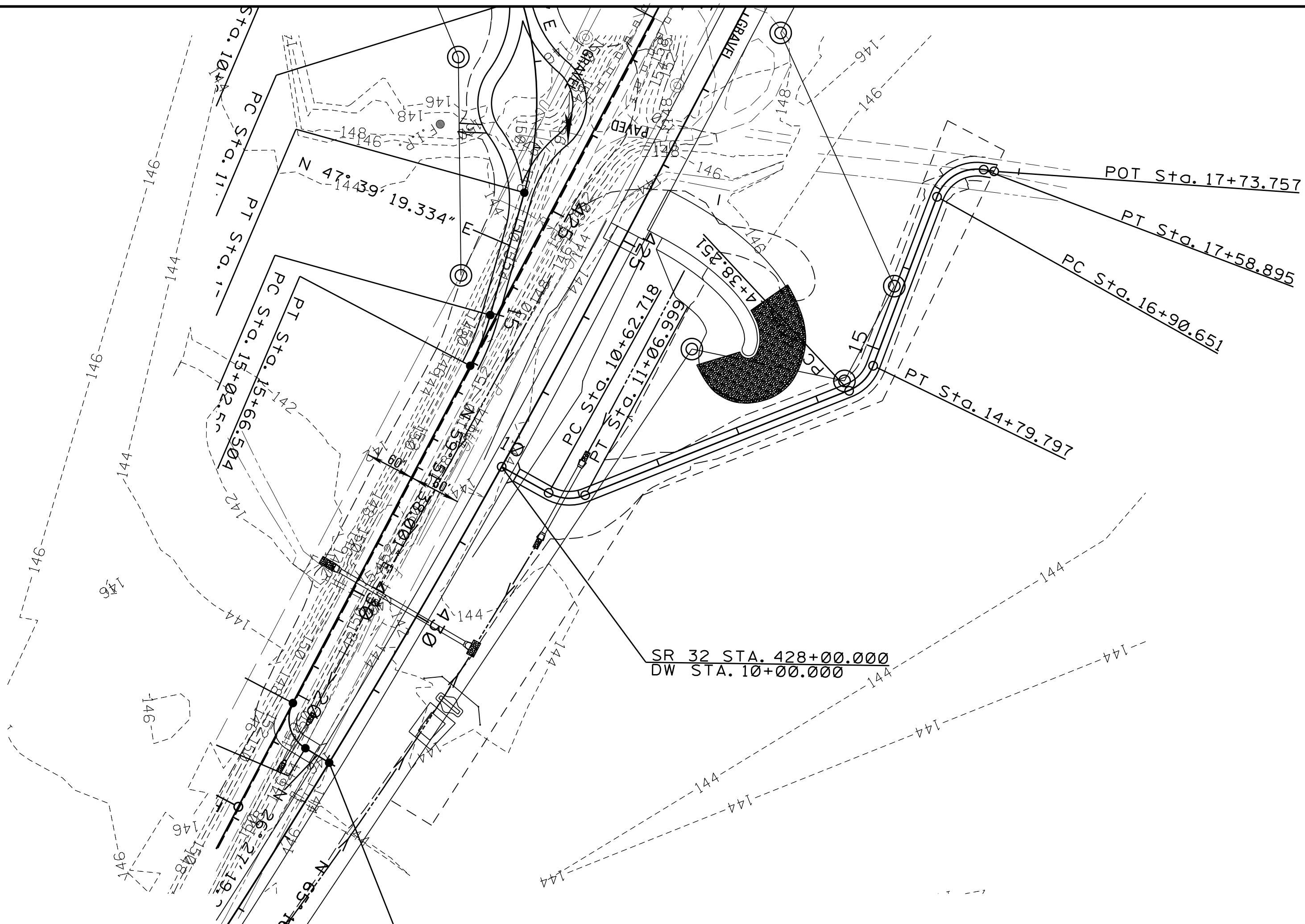




TEMPORARY EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
SILT FENCE	L.F.	—SF—	
SUPER SILT FENCE	L.F.	—SSF—	
WATTLES, 12"	L.F.	/	
WATTLES, 20"	L.F.	/	
TRIANGULAR SILT DIKE	L.F.	/	
SANDBAGS	L.F.	/	
RIPRAP	TON	2272.4502272	
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH	EC	

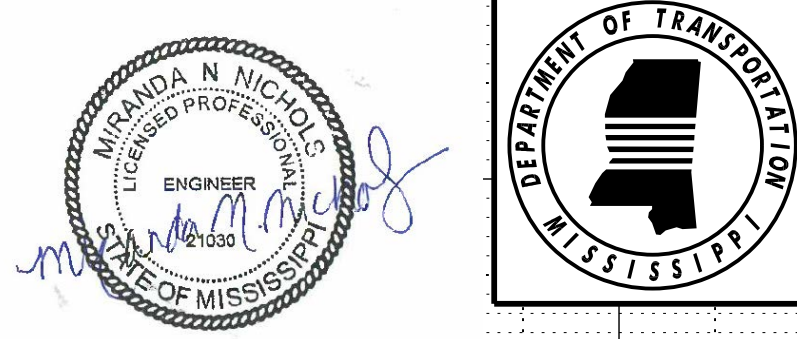


STATE	PROJECT NO.
MISS.	BR-0051-02(023)



SCALE: 1"=100'
DESIGN SPEED=15 MPH

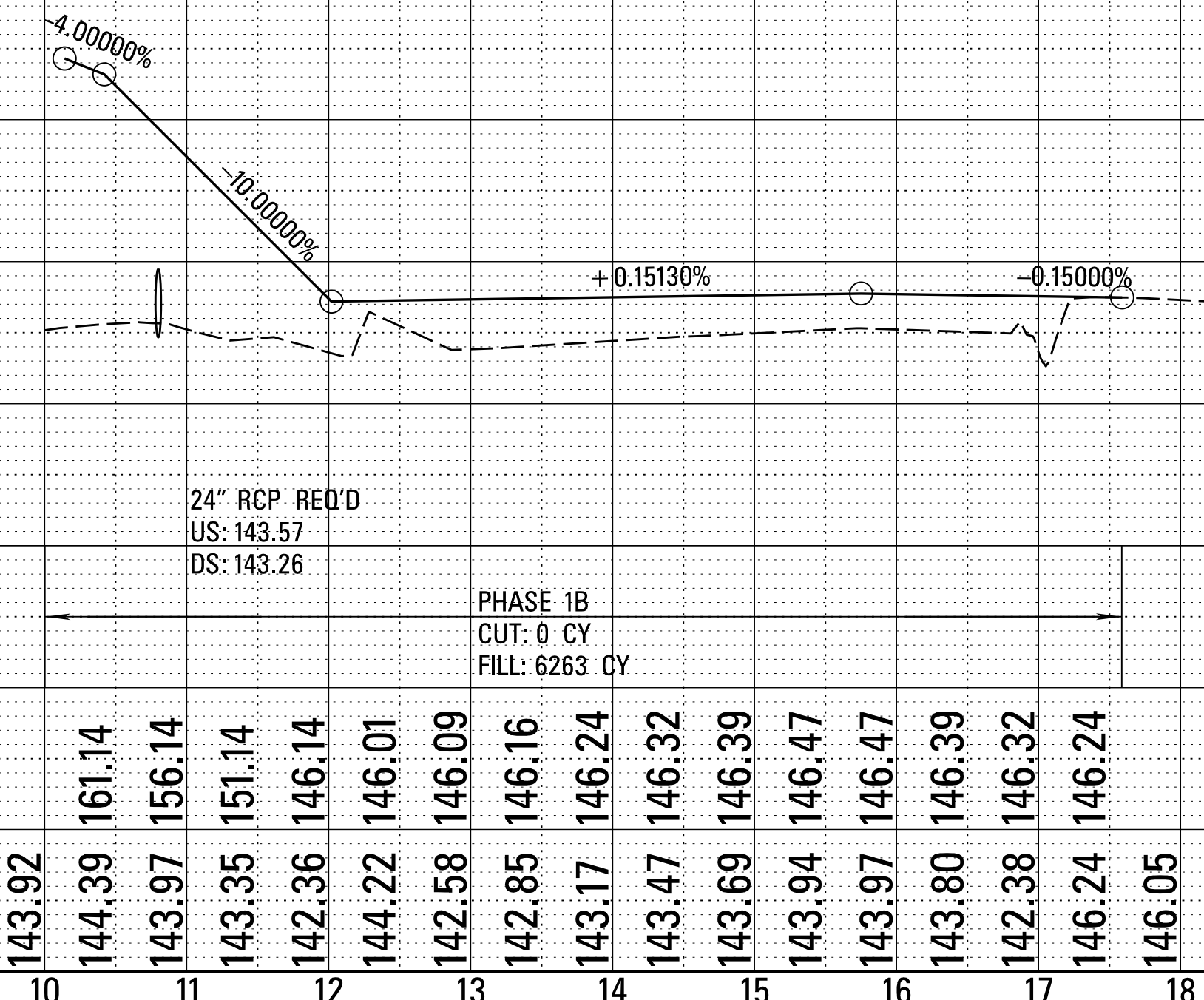
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WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



STA. 10+80
88'- 24" RCP REQ'D
2 - 24" FES-1 REQ'D
12.96 TONS 100# RIP RAP REQ'D LT
16.0 SY GEOTEXTILE FABRIC REQ'D LT
12.96 TONS 100# RIP RAP REQ'D RT
16.0 SY GEOTEXTILE FABRIC REQ'D RT

24" RCP REQ'D
US: 143.57
DS: 143.26

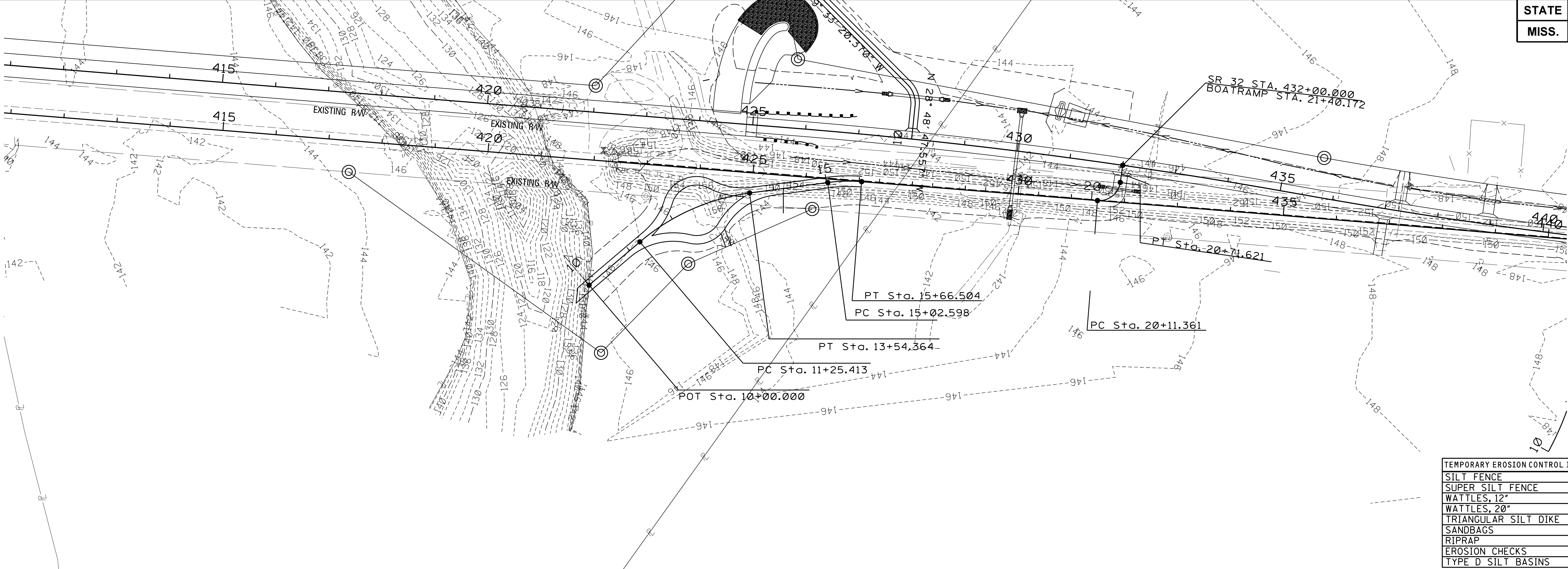
PHASE 1B
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FILL: 6263 CY



STATE	PROJECT NO.
MISS.	BR-0051-02(023)

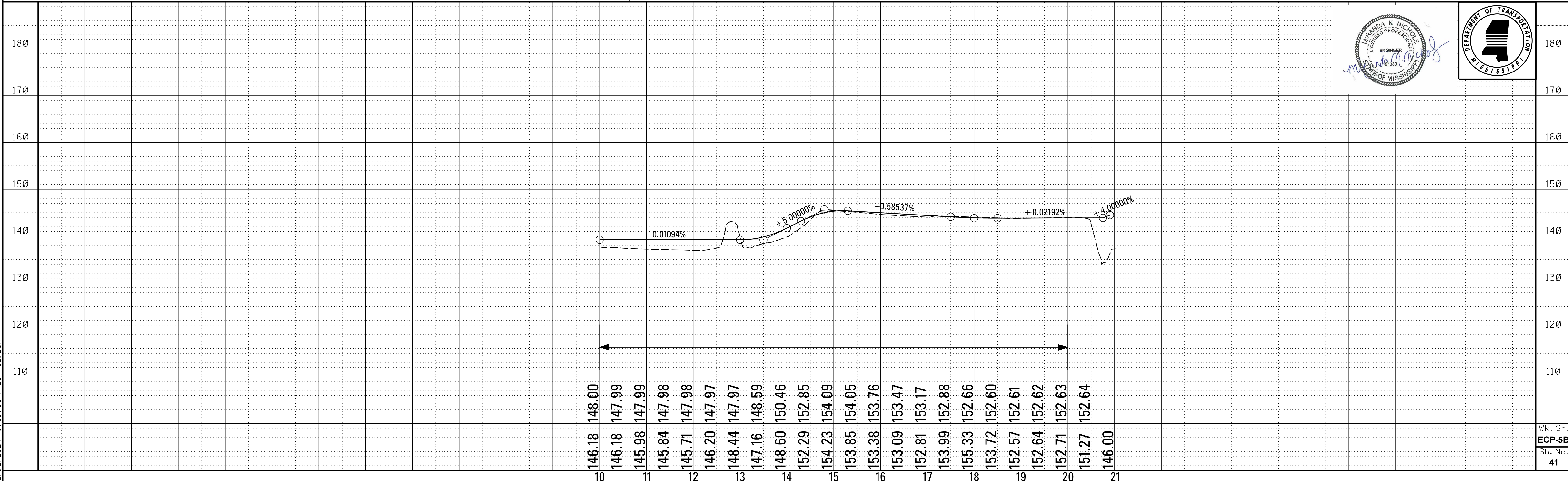
CLARKSON
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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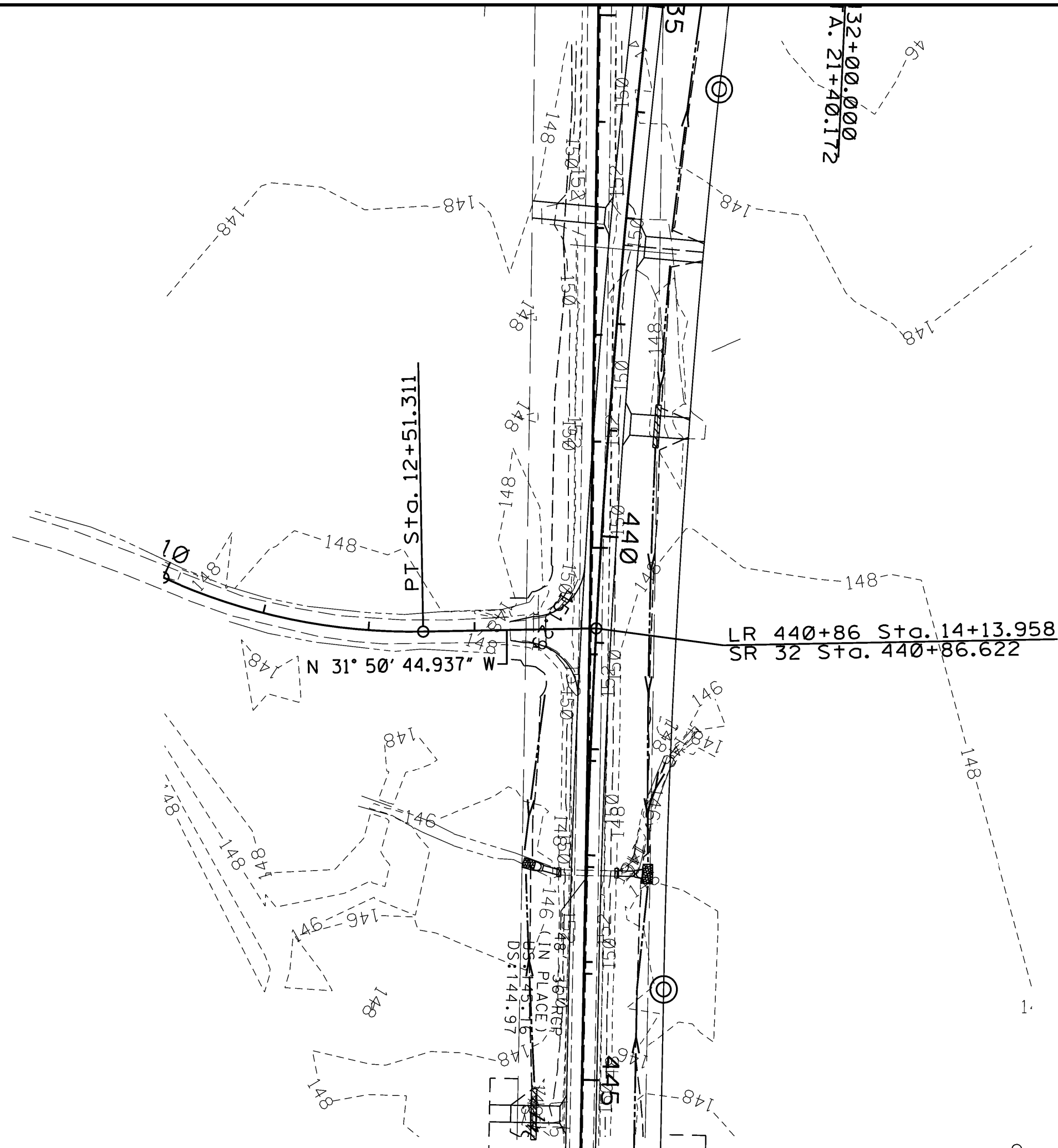


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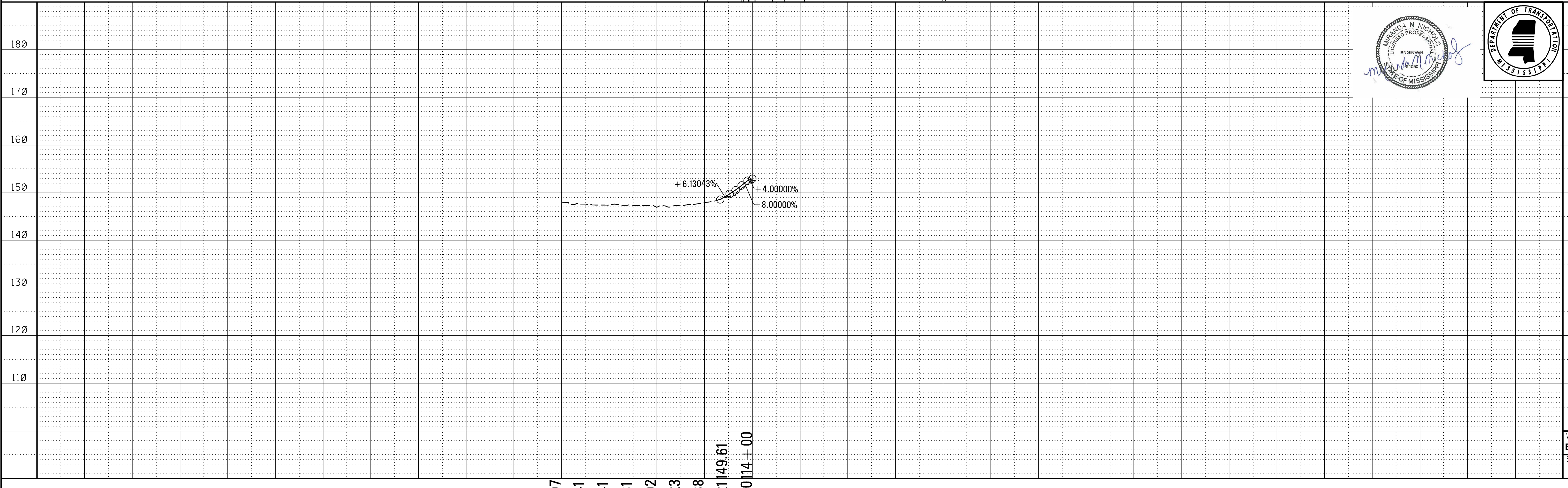
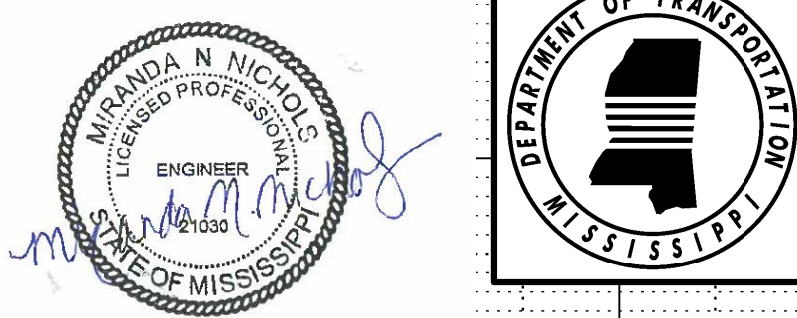
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SUPER SILT FENCE	LF	SSF	
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WATTLES, 20"	LF		
TRIANGULAR SILT DIKE	LF		
SANDBAGS	LF		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



STATE	PROJECT NO.
MISS.	BR-0051-02(023)



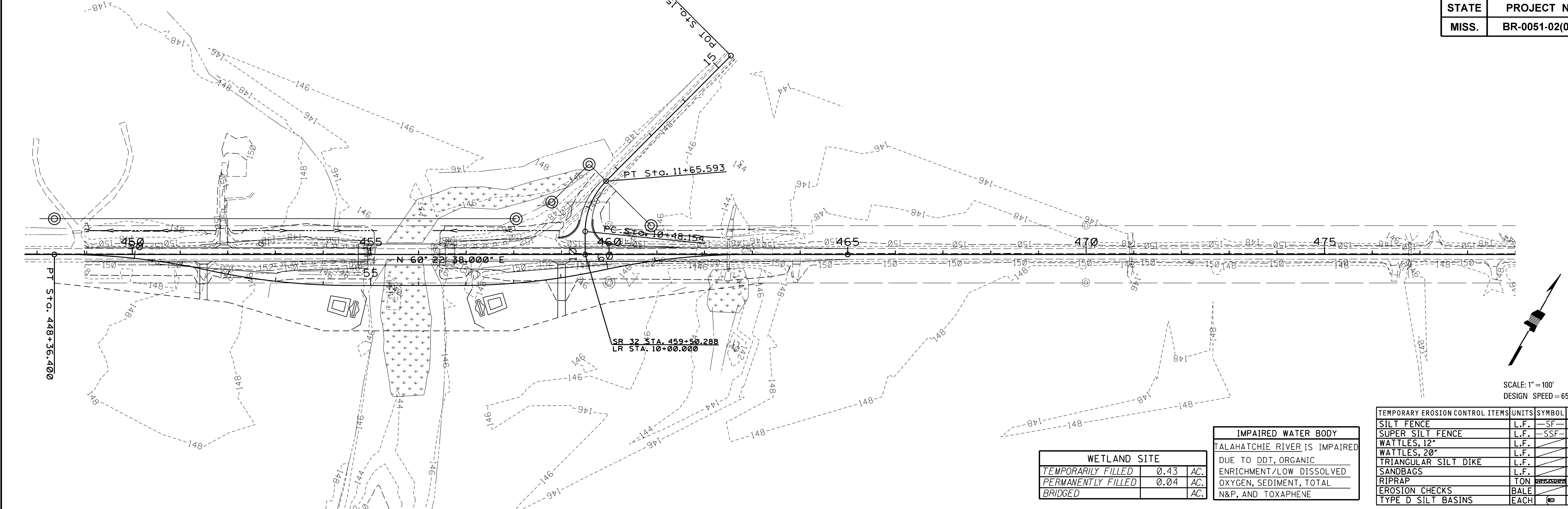
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WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSTION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



PLAN SCALE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/12/2024 1:52:46 PM ECP 5C.DGN

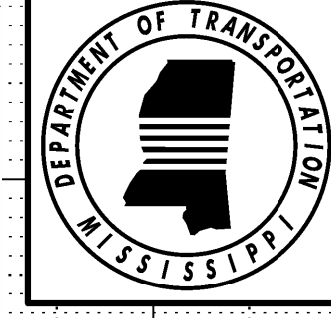
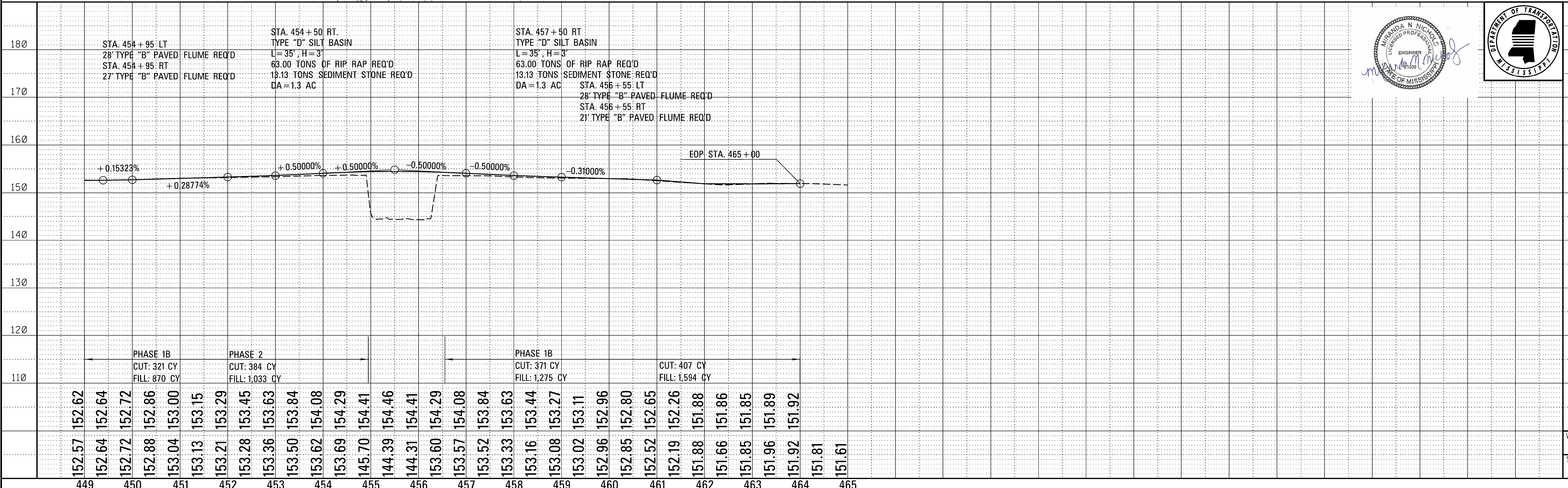
STATE	PROJECT NO.
MISS.	BR-0051-02(023)



WETLAND SITE		
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PERMANENTLY FILLED	0.04	AC.
BRIDGED		AC.

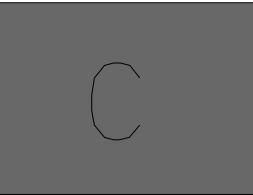
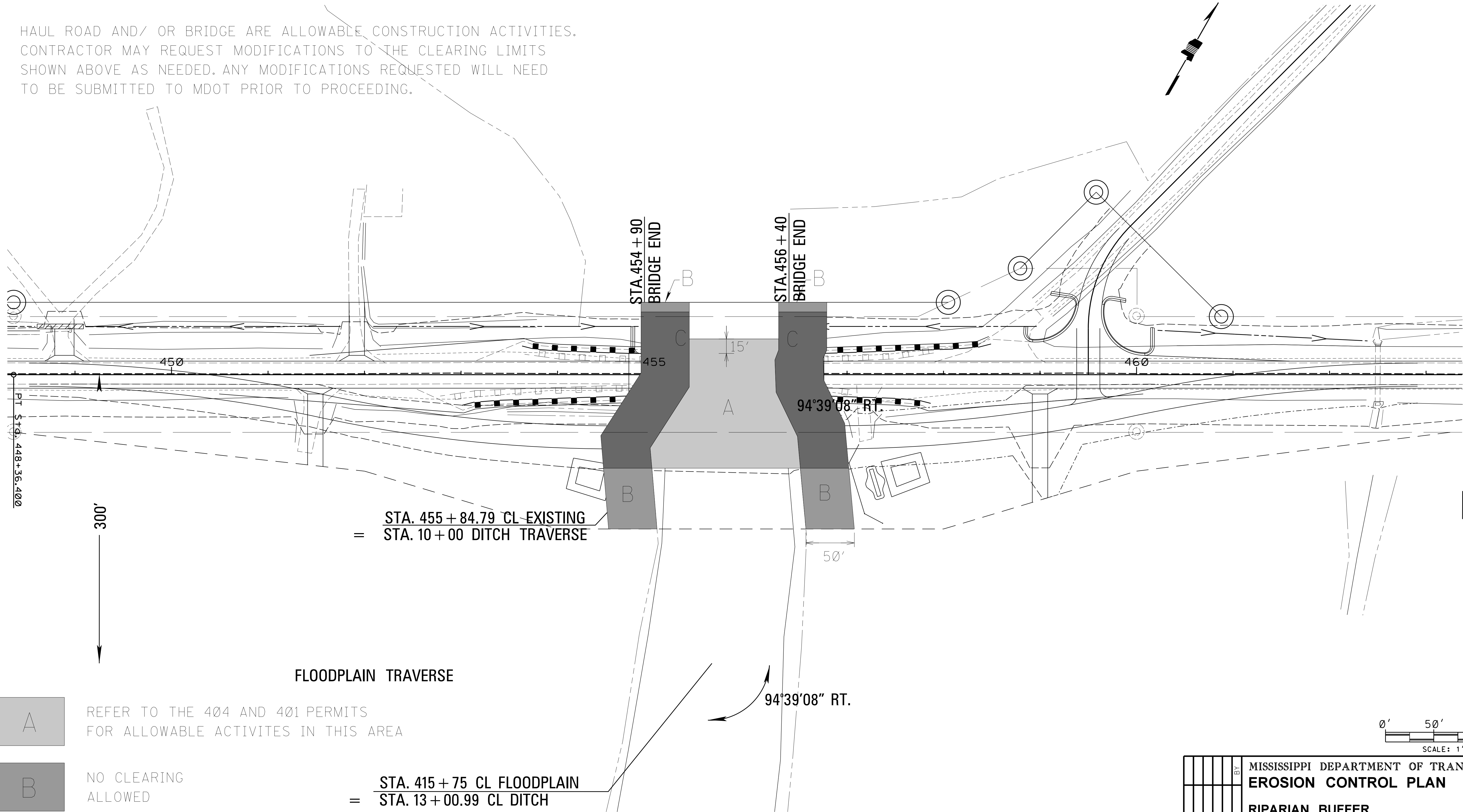
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TALAHATCHIE RIVER IS IMPAIRED	
DUE TO DDT, ORGANIC	
ENRICHMENT/LOW DISSOLVED	
OXYGEN, SEDIMENT, TOTAL	
N&P, AND TOXAPHENE	

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		



STATE	PROJECT NO.
MISS.	BR-0051-02(023)

1. HAUL ROAD AND/ OR BRIDGE ARE ALLOWABLE 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.



REFER TO THE 404 AND 401 PERMITS
FOR ALLOWABLE ACTIVITIES IN THIS AREA

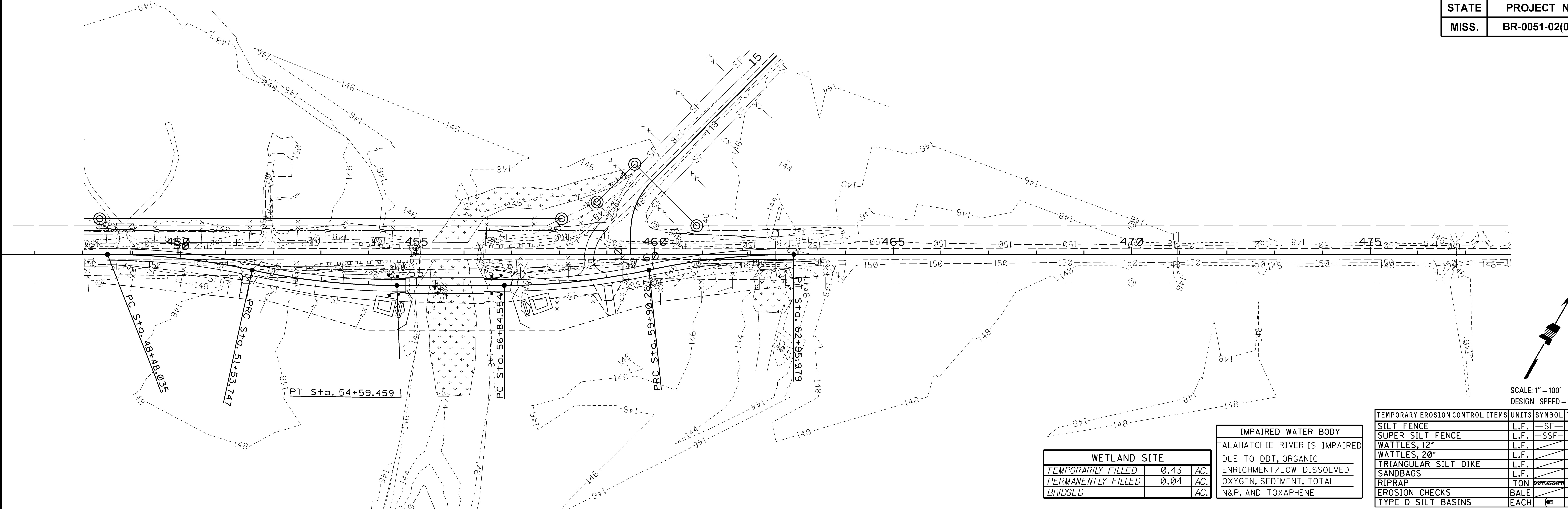
NO CLEARING
ALLOWED

CLEARING AND GRUBBING
ALLOWED



MISSISSIPPI DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLAN				WORKING NUMBER ECP-RB-6	
RIPARIAN BUFFER SR 32 BRIDGE NO. 47.0				SHEET NUMBER 44	
PROJ. NO.: BR-0051-02(023) COUNTY: TALLAHATCHIE					
DATE	FILE NAME:	ECP-RB-6.dgn			
DESIGN TEAM	MENDROP	CHECKED	DATE		

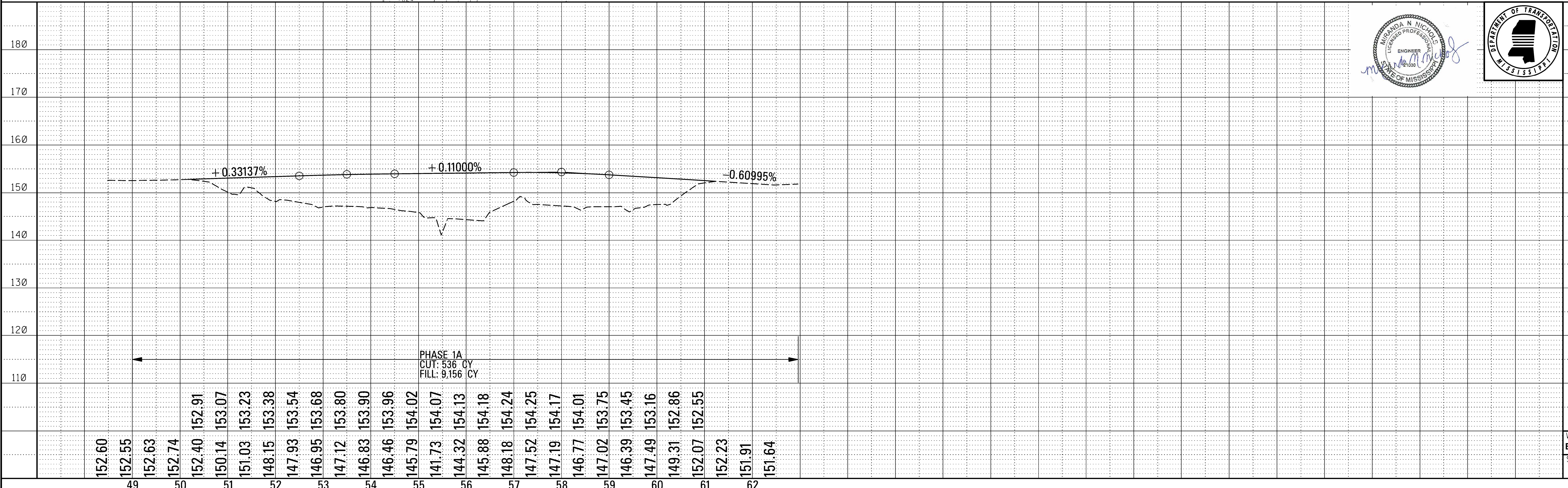
STATE	PROJECT NO.
MISS.	BR-0051-02(023)



WETLAND SITE		
TEMPORARILY FILLED	0.43	AC.
PERMANENTLY FILLED	0.04	AC.
BRIDGED		AC.

IMPAIRED WATER BODY	
TALAHATCHIE RIVER IS IMPAIRED	
DUE TO DDT, ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN, SEDIMENT, TOTAL N&P, AND TOXAPHENE	

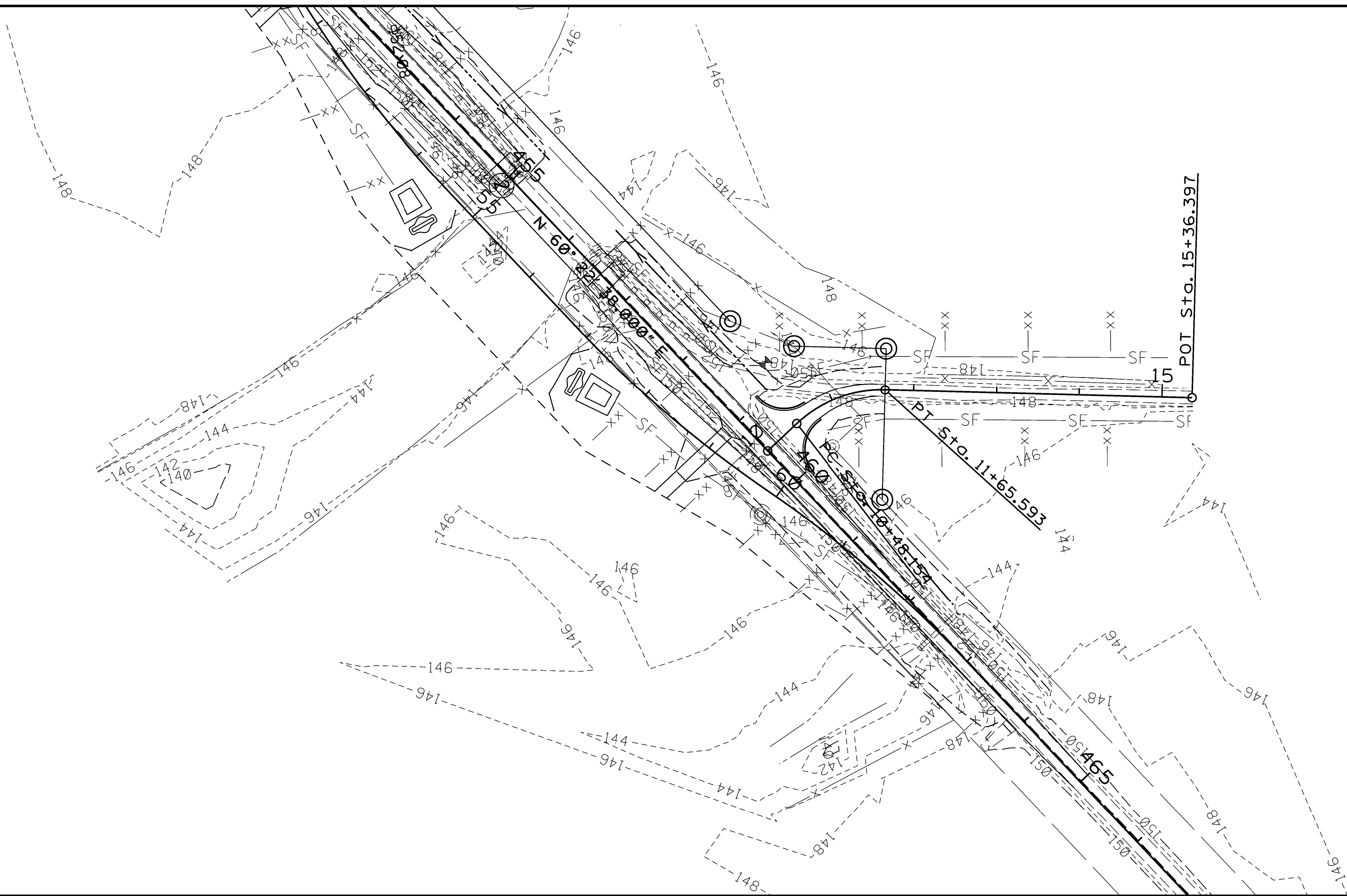
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SUPER SILT FENCE	L.F.	-SSF-	
WATTLES, 12"	L.F.		
WATTLES, 20"	L.F.		
TRIANGULAR SILT DIKE	L.F.		
SANDBAGS	L.F.		
RIPRAP	TON		
EROSION CHECKS	BALE		
TYPE D SILT BASINS	EACH		



CLARK COUNTY
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

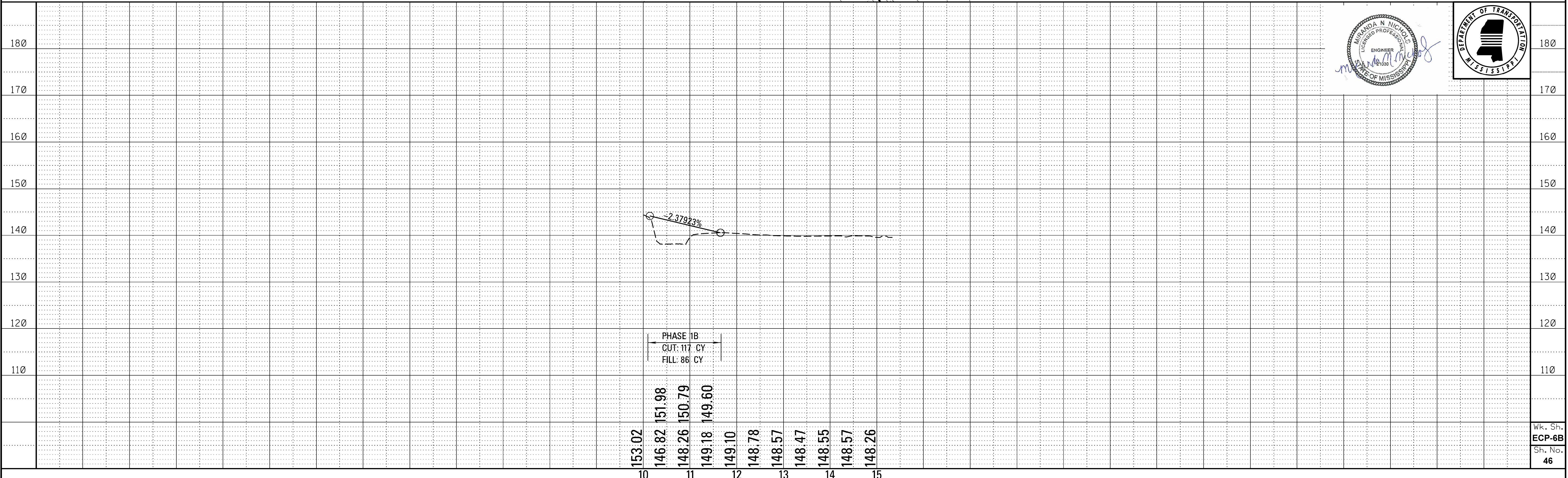
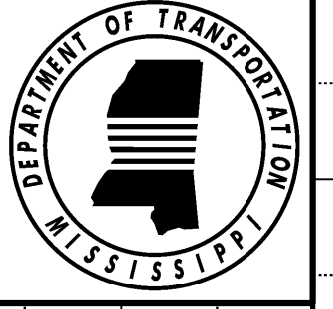
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STATE	PROJECT NO.
MISS.	BR-0051-02(023)



SCALE: 1" = 100'
DESIGN SPEED = 15MPH

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		

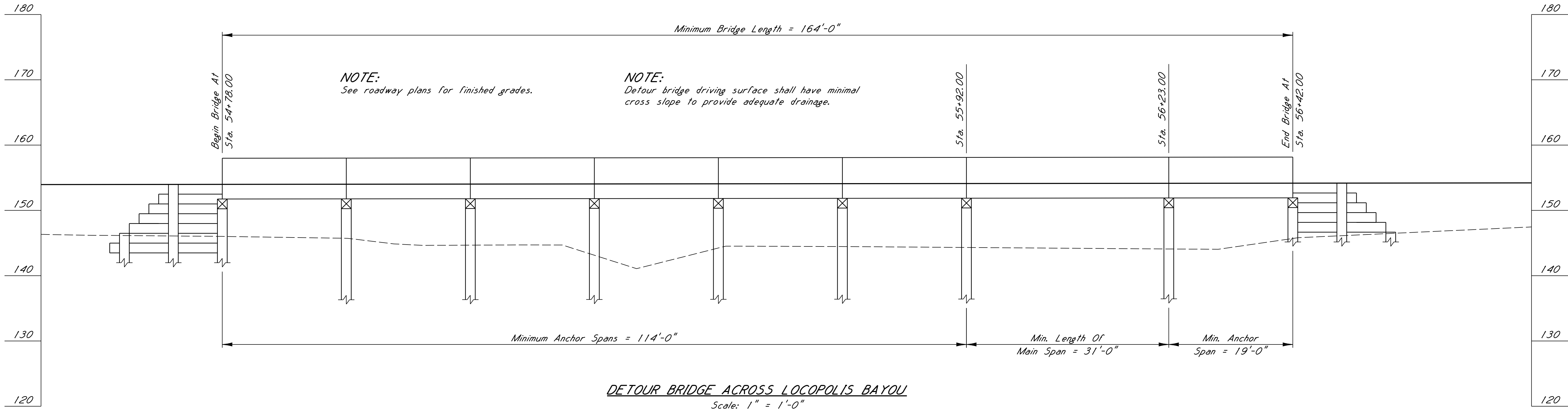


PLAN SCALE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/12/2024 1:56:41 PM ECP 6B.DGN

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

NOTE:
Detour roadway embankment shall be removed to natural ground elevation 144.4 from Sta. 54+00.00 to Sta. 57+50.00 once traffic is no longer being served.



GENERAL NOTES:

Specifications: MISSISSIPPI Standard Specifications for Road and Bridge Construction, 2017.

The detour bridge shall be designed and furnished by the Contractor (see NOTE TO CONTRACTOR).

The detour bridge deck surface shall be of concrete, asphalt, or other skid resistant material subject to approval by MDOT.

The detour bridge superstructure shall be constructed of new or used precast concrete units, steel beams, steel framing or prestressed concrete units. Used units or components shall be in good, sound condition having no visible defects. All elements shall be compatible.

Use of open-grid bridge decking will not be permitted.

The bridge railing shall have a minimum LRFD rating of test level two (TL-2).

Rough, untreated hardwood timber may be used for the construction of bulkheads or bent caps.

Used timber shall be in good, sound condition.

Untreated timber piles may be used.

Piling size shall be as designated in Section 719 of the Specifications.

Piling shall be driven to bearing sufficient to meet pile bearing requirements and ensure stability of the substructure.

During the time the detour bridge is in place, the waterway shall be kept free of all obstructions to the free flow of water.

After the permanent structure has been opened to traffic, the detour bridge shall be removed by the Contractor.

All material furnished by the Contractor and used in construction with the detour bridge shall remain the property of the Contractor and shall be removed from the site.

Test piles shall be driven out of position and shall be removed to a minimum of one foot (1.00) below the ground line upon acceptance by the Project Engineer.

Minimum requirements for location and number of test piles are as follows:

- (1) The number of intermediate bent test piles shall be calculated by dividing the total detour bridge length by 120 ft, rounded to nearest whole number and shall be a minimum of one test pile.*
- (2) One abutment test pile is required for bridge lengths less than 400 ft.*
- (3) One abutment test pile at each abutment is required for bridge lengths greater than or equal to 400 ft.*

Detour bridge piles shall be pulled or cut off a minimum of one foot (1.00) below the ground line.

GENERAL NOTES: (CONT.)

The skew angle shown on this sheet is based upon the utilization of the span lengths shown hereon. The Contractor's Design Engineer may adjust the skew angle of the detour bridge a maximum of plus or minus 15 degrees from that shown on the detour bridge sheet. In this event, additional bridge length will be required to offset flow restrictions and reductions to the effective bridge opening. The Contractor should be aware that using a skew angle that does not match the direction of stream flow will be more likely to cause adverse substructure scour and drift collection. In such cases, the Contractor's detour bridge submittal shall include a plan to address potential scour and drift effects by utilizing methodologies such as substructure bracing/strengthening, rip rap protection, brush deflectors, deeper pile penetration, stronger/more durable pile types and bridge inspection with drift removal during storm events.

The detour bridge length and span arrangement shown hereon utilizes a bulkhead abutment configuration and is intended to meet the minimum effective opening requirements shown in the drainage data on this sheet. Use of bridge configurations that incorporate spill-through slopes may require additional bridge length to meet the minimum effective opening requirements. Additional bridge length, span length and/or other bridge adjustments required to address minimum effective opening requirements, site conditions and/or erosion control requirements will not be cause for additional compensation.

Only detour bridge piling used for support of the end bents or intermediate bents of the detour bridges will be paid for under pay item 618-E Detour Bridge Piling. Costs of all other piling used in other structures for detour bridges shall be absorbed in other items bid.

Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.

DESIGN DATA

Specifications.....A.A.S.H.T.O. L.R.F.D. 2020

Loading.....75% of HL-93

Roadway Width.....24'-0" (Gutter To Gutter)

Seismic Design Category.....B

Seismic Soil Site Class.....D

Seismic Operational Class.....Other Bridges

NOTE TO CONTRACTOR:

The Contractor shall employ the service of a registered Professional Engineer who is knowledgeable and proficient in the field of bridge design.

The Contractor's Design Engineer shall determine the required ultimate pile bearing capacities based on the use of Pile Dynamic Analysis (PDA) for the condition/bearing resistance determination method per the AASHTO LRFD Bridge Design Specifications.

The Contractor's Design Engineer will be responsible for providing the Pile Dynamic Analysis (PDA) and for establishing the production pile driving criteria.

The Contractor's Design Engineer shall determine the lengths of all test piles and production piles.

The following exceptions to the AASHTO LRFD Bridge Design Specifications will be allowed for the design of Detour Bridges:

- (1) The design of the substructure of the Detour Bridge shall be made to satisfy the requirements of the following Limit States: Strength I, Strength III, Strength V, and Service I.*
- (2) With PDA pile tests for the Detour Bridge Piling being performed and analyzed by the Contractor's Design Engineer, a value of 0.85 for the condition/resistance Factor for Driven Piles may be used to set final Detour Bridge pile lengths.*
- (3) The Design Vehicular Loading (Truck + Lane) used may be 75% of the HL-93 Live Loading.*

A complete set of bridge detail drawings, bearing the official seal of the Contractor's Design Engineer, along with design calculations, shall be submitted to the Project Engineer and the Director of Structures, State Bridge Engineer for review. The submittal shall specify the bridge span arrangement, configuration, location, minimum geometric and loading requirements, verification of ground line elevations and effective area of opening. The submittal shall also specify the LRFD factored pile loading (Strength I), the required ultimate pile bearing capacities based on the condition/resistance determination method used, type and estimated length of test and production piling, the stationing and finish grade at each bent and total length of the detour bridge.

NOTE TO CONTRACTOR: (CONT.)

The Contractor's erosion control plan shall address the construction, maintenance, and removal of the detour bridge. The detour bridge shall be long enough such that spill-through slopes of abutments do not spill over into the channel.

Prior to opening the detour bridge to traffic, the Contractor shall submit test pile data and pile records to the Engineer for review and shall provide MDOT written certification from the Contractor's Design Engineer that construction of the bridge was in full accordance with the design plans.

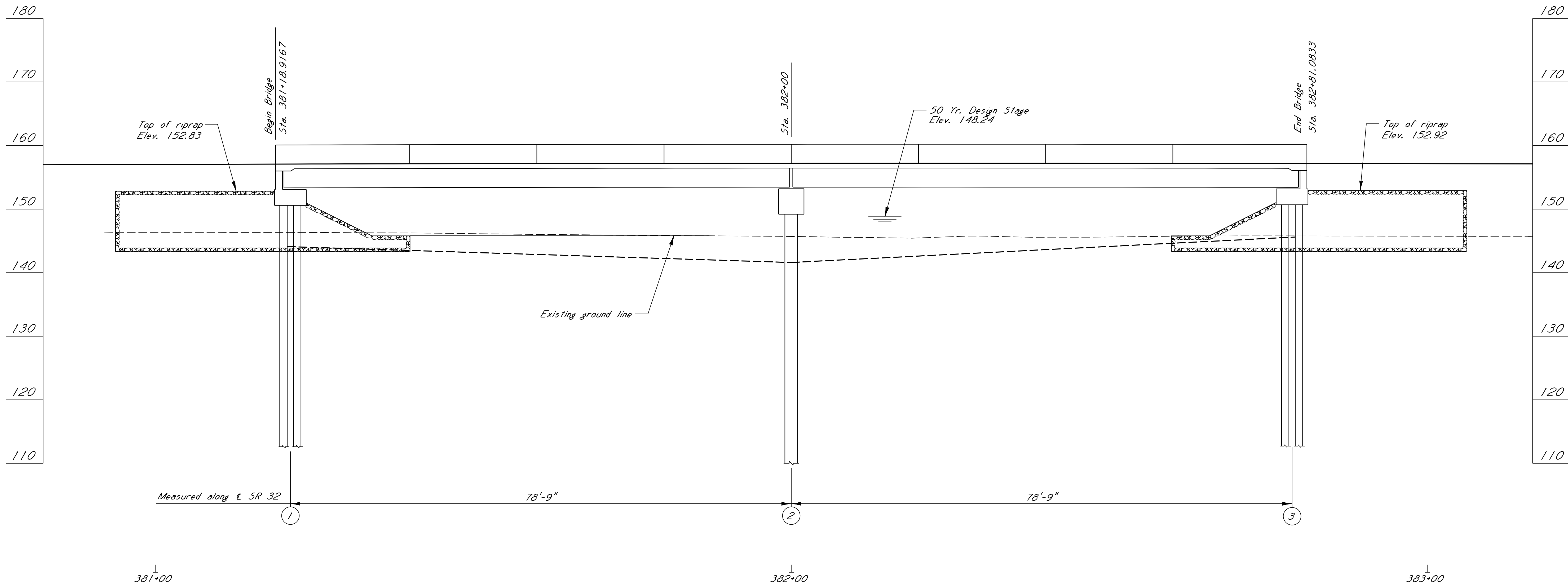
Any deviations in construction of the detour bridge from the detour bridge design plans shall require the Contractor's Design Engineer to provide corrected calculations and corresponding revisions made to the detour bridge plans which shall be stamped by the Contractor's Design Engineer.

DRAINAGE DATA

Drainage Area.....	4,290 sq. mi.
Q5.....	164 cu. ft./s
Min. Low Chord Elevation.....	147.96

[illegible]

STATE	PROJECT NO.
MISS.	BR-0051-02(023)



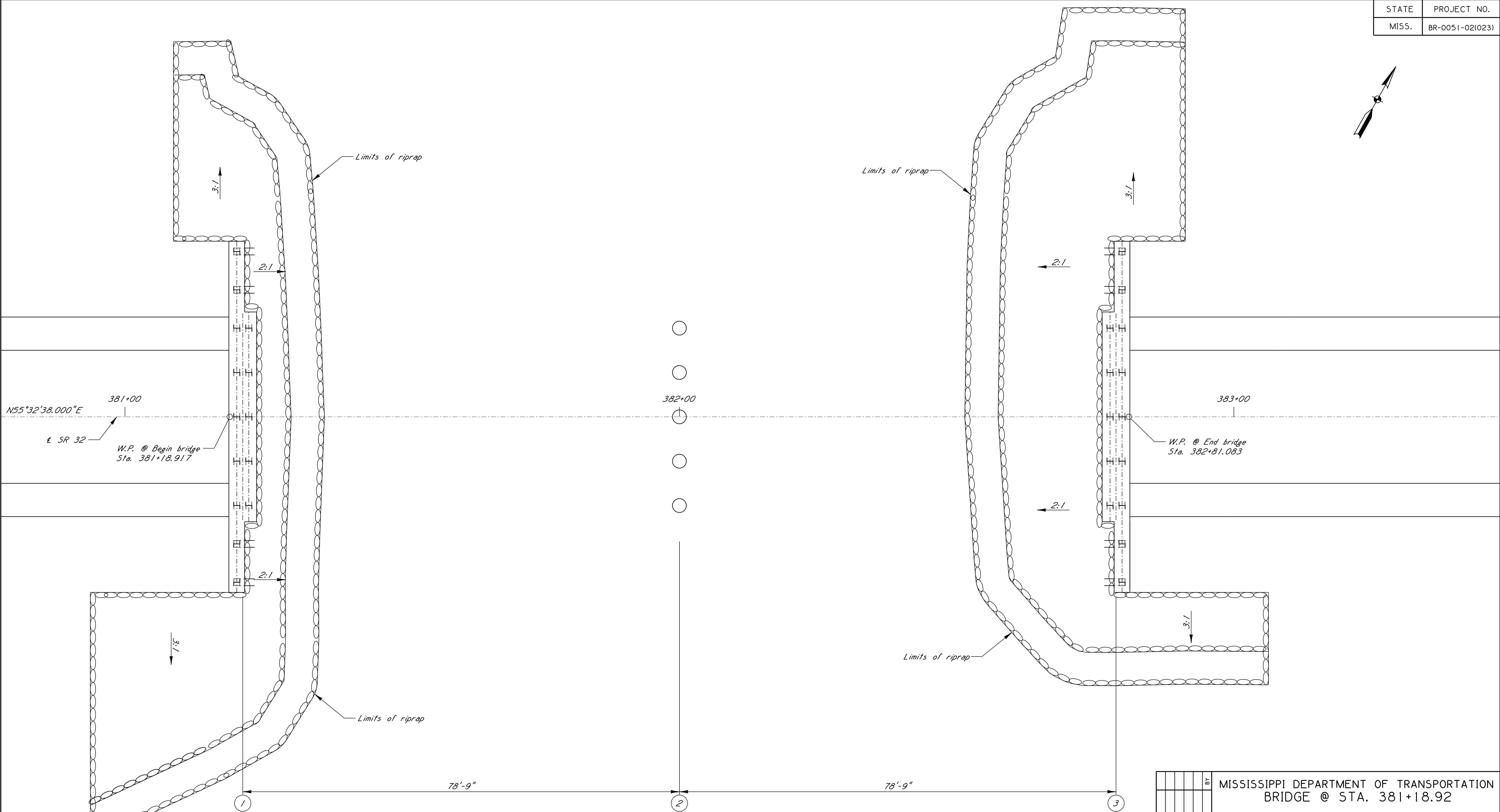
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								BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE @ STA. 381+18.92	
								REVISIONS	BRIDGE EROSION CONTROL PLANS SR 32 ACROSS TALLAHATCHIE RELIEF PROJECT 102383/302000 BR-0051-02(023) TALLAHATCHIE COUNTY	
									WORKING NUMBER ECBR-1	
								DATE	DESIGNER <u>Michelle Howington</u> DETAILER <u>Michelle Howington</u>	CHECKER <u>Preston Campbell</u> ISSUE DATE _____
									DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICAH DEW PE.	
									SHEET NUMBER 8119	

1:34:58 PM 7/30/2024 L:\2022\22105008 - MDOT SR 32 Tallahatchie River Bridge Drawings SR32-BRIDGEA-S402-FN.dgn

STATE	PROJECT NO.
MISS.	BR-0051-02(023)



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FOUNDATION PLAN

Scale: $\frac{1}{8}" = 1'-0"$

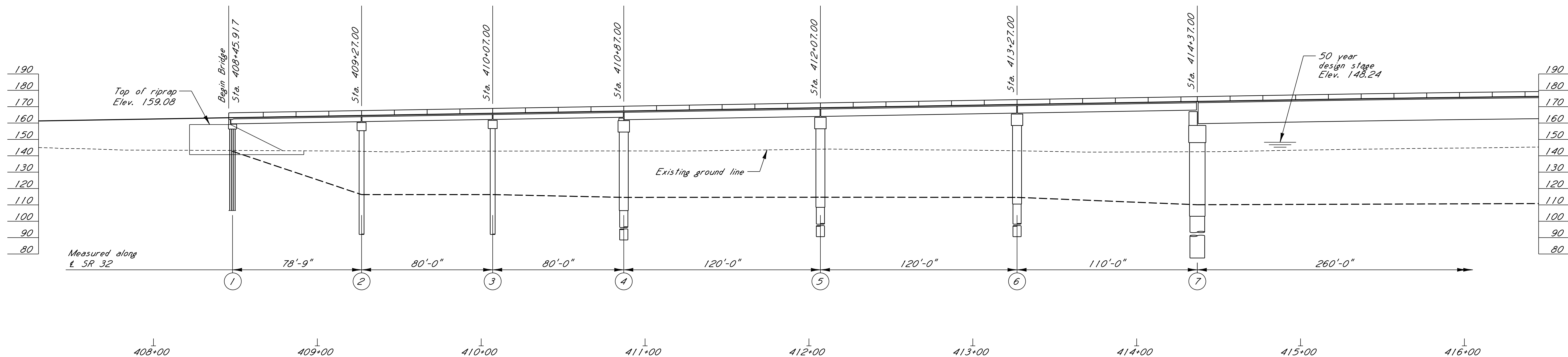
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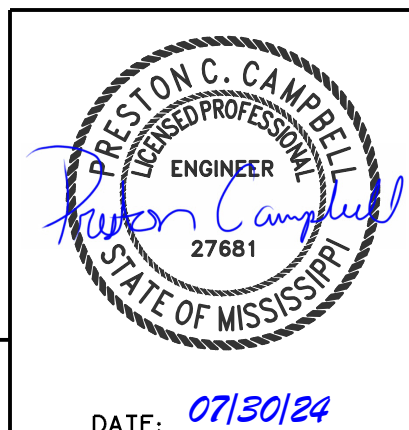
STATE	PROJECT NO.
MISS.	BR-0051-02(023)



PART ELEVATION WITH PROFILE ALONG & SR 32
Scale: 1" = 30'

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

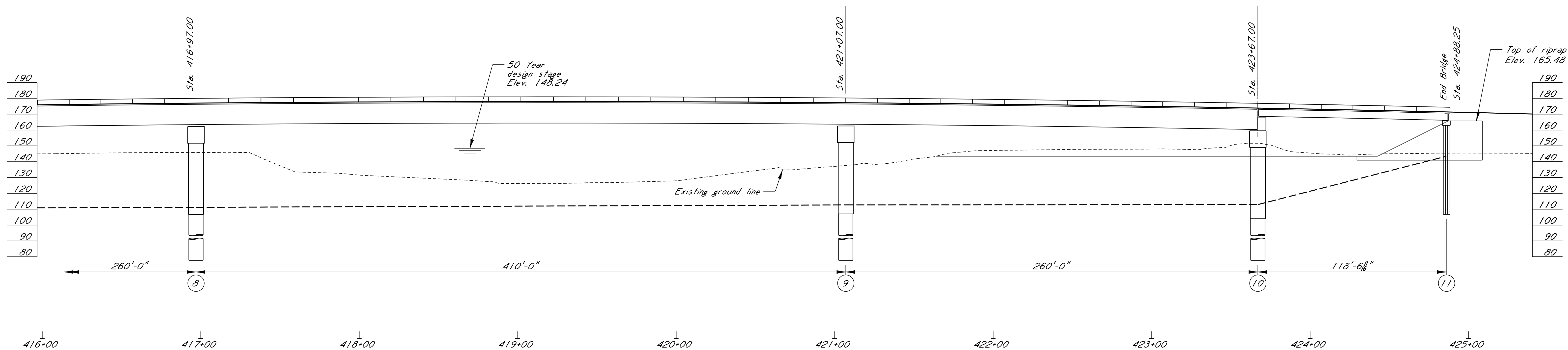
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GARVER

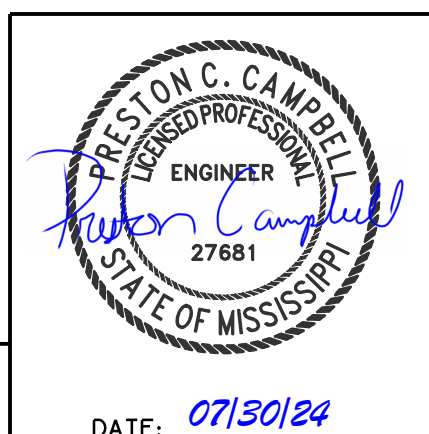
DATE: 07/30/24

					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92	
					REVISIONS	BRIDGE EROSION CONTROL PLANS SR 32 ACROSS TALLAHATCHIE RIVER PROJECT 102383/302000 BR-0051-02(023) TALLAHATCHIE COUNTY	
						WORKING NUMBER ECBR-3	
				DATE	DESIGNER <u>Tyler Hartman</u> DETAILER <u>Tyler Hartman</u>	CHECKER <u>Preston Campbell</u> ISSUE DATE <u>- -</u>	SHEET NUMBER 8121
					DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICAH DEW PE.		



PART ELEVATION WITH PROFILE ALONG & SR 32
Scale: 1" = 30'

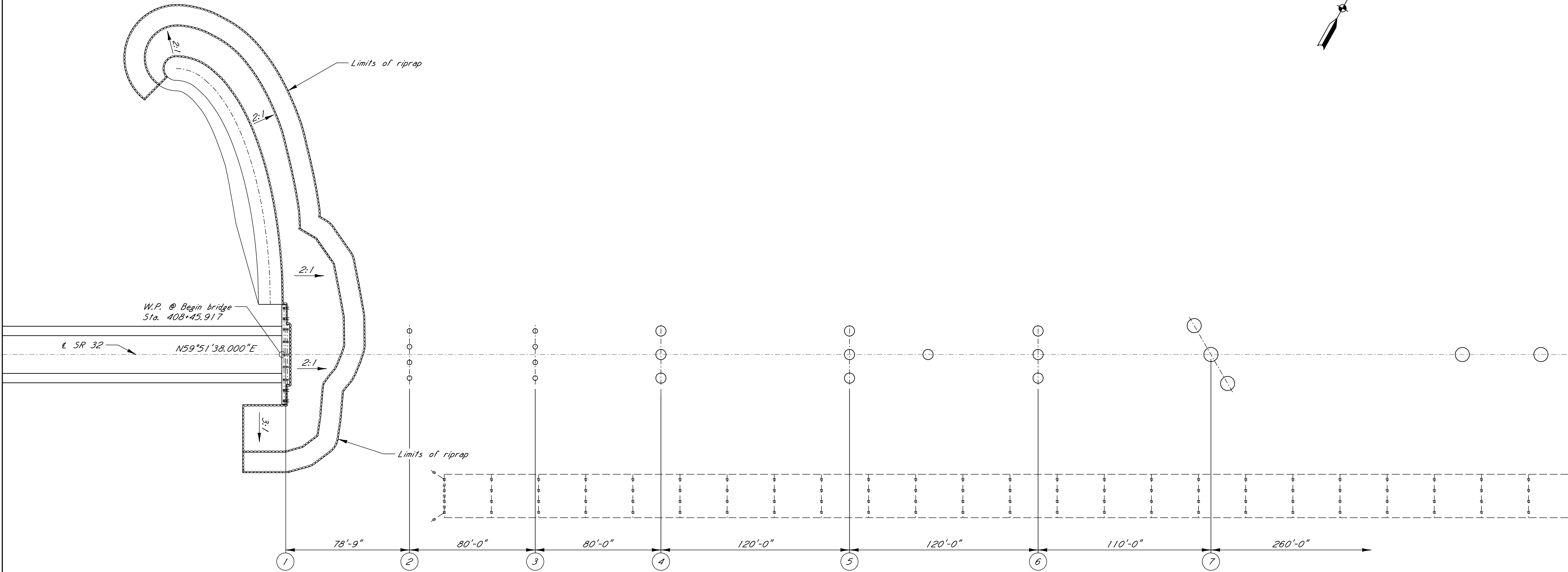
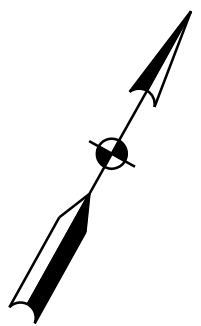
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STATE	PROJECT NO.
MISS.	BR-0051-02(023)

NOTE:
150' spur dike required on upstream side
of abutment per details on sheet no. ED-1
of MDOT Roadway Design Standard Drawings.



PART FOUNDATION PLAN
Scale: 1" = 30'-0"

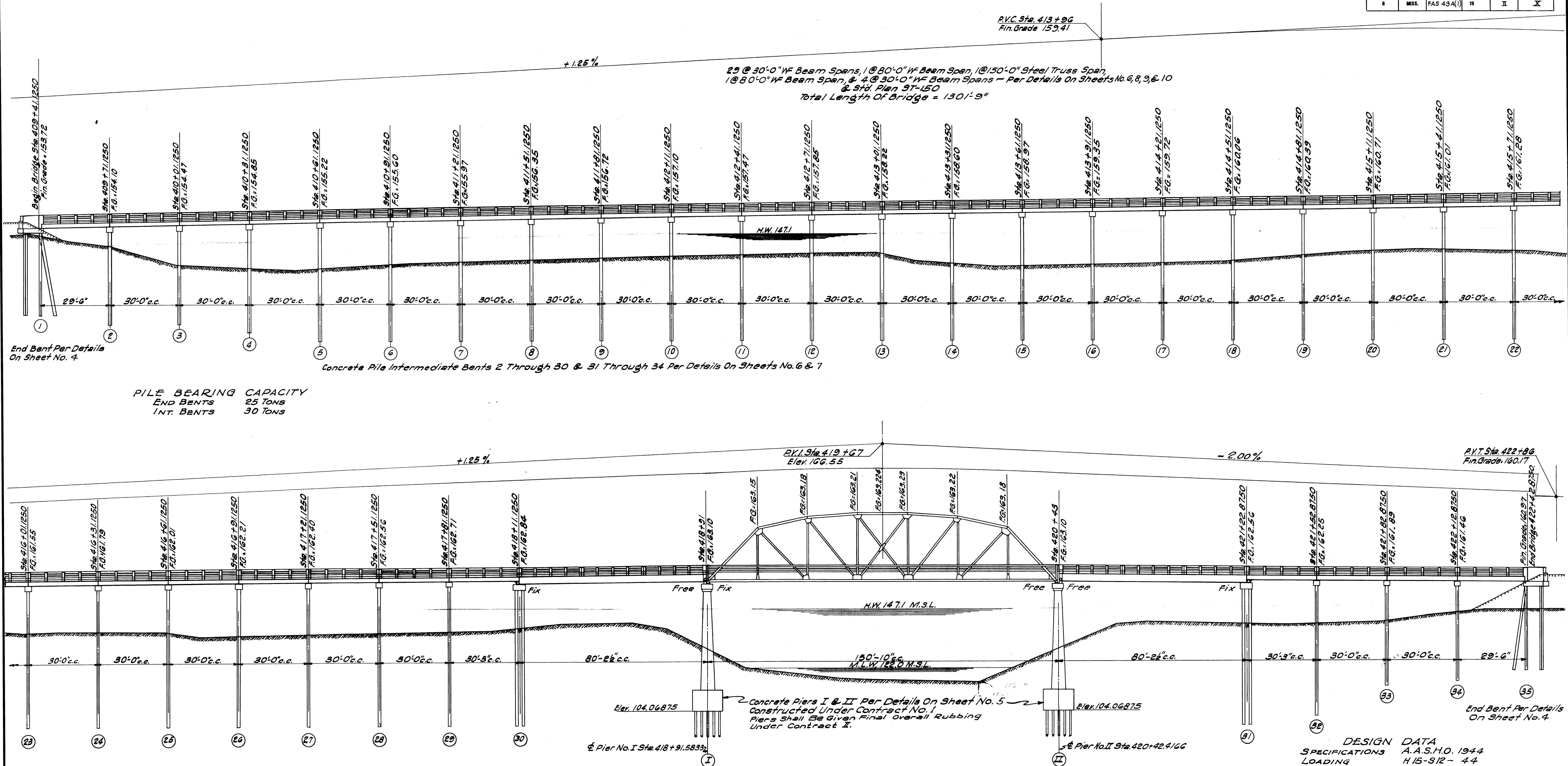
NOTE:
Geotextile fabric is required under all riprap.
All riprap and geotextile fabric is included in
the bridge quantities.

- NOTES:
1. No dirt can be pushed into the creek.
 2. If a platform for working is needed, then riprap may be used.
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 5. Riprap shall be placed on slopes immediately after pile driving.
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 7. Turbidity curtain may be required.



										BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92	
										REVISIONS	BRIDGE EROSION CONTROL PLANS SR 32 ACROSS TALLAHATCHIE RIVER	
											PROJECT 102383/302000 BR-0051-02(023)	
											TALLAHATCHIE COUNTY	
											WORKING NUMBER ECBR-5	
										DATE	DESIGNER DETAILER <u>Tyler Hartman</u>	CHECKER <u>Preston Campbell</u> ISSUE DATE _____
											DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICAH DEW PE.	
											SHEET NUMBER 8123	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	MISS.	FAS 43A(1)	1944	II	X



ELEVATION - WITH PROFILE ON ROADWAY
Scale: 1" = 20'-0"

ITEM	ESTIMATED QUANTITIES									
	CLASS "B" CONCRETE Cu. Yds.	CLASS "C" CONCRETE Cu. Yds.	CLASS "S" REINFORCING STEEL LBS.	STRUCTURAL STEEL LBS.	STEEL SUPERSTRUCTURE LUMPSUM	BRIDGE RAILING LIN. FT.	16" PRECAST CONC. PILING LIN. FT.	CONC. PILE TEST PILE UNITS	BRIDGE EXCAVATION Cu. Yds.	UNTREATED TIMBER PILING TEST PILE UNITS
APPROACH SPANS	808.00		135,600	503,700		2300				
150 FT. TRUSS SPAN	95.50		17,600		1 UNIT					
END BENTS	33.00		3,260				666	2		
INT. BENTS	177.00		21,900				7610	7	3	
PIERS I & II	2.00		540							
TOTALS	1115.50		179,900	503,700	1 UNIT	2300	8276	9	5	

GENERAL NOTES:
Specifications: Mississippi State Highway Department.
No Unauthorized Change Of Plans Will Be Permitted.
All Exposed Concrete Surfaces Shall Receive A Uniform Rubbed Finish.
All Exposed Edges Shall Be Chamfered Unless Otherwise Noted.
Expansion Joint Material Shall Be Cork Or Rubber.
All Structural Steel Shall Be Given One Shop Coat Of Red Lead Per Code R-1. After Erection All Structural Steel Shall Be Given Three Field Coats Of Red Lead As Follows: First Coat Red Lead Per Code R-1, Second And Third Coats Aluminum Per Code B-4.
Test Piles Shall Be Driven As Permanent Piles In Bents No. 1, 6, 11, 16, 21, 26, 30, 31 & 35 And Will Be Paid For As Test Piles Only. Test Piles Shall Be Driven To A Minimum Bearing Capacity Of 25 Tons, And A Minimum Penetration Of 45 Ft. Test Pile Data And Recommended Pile Lengths Shall Be Submitted To The Bridge Engineer Before Piles Are Manufactured.
All Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefor Will Be Considered Included In The Prices And Payments For Bid Items.
Embankments At Bridge Ends Shall Be Constructed Before Piles For End Bents Are Driven.

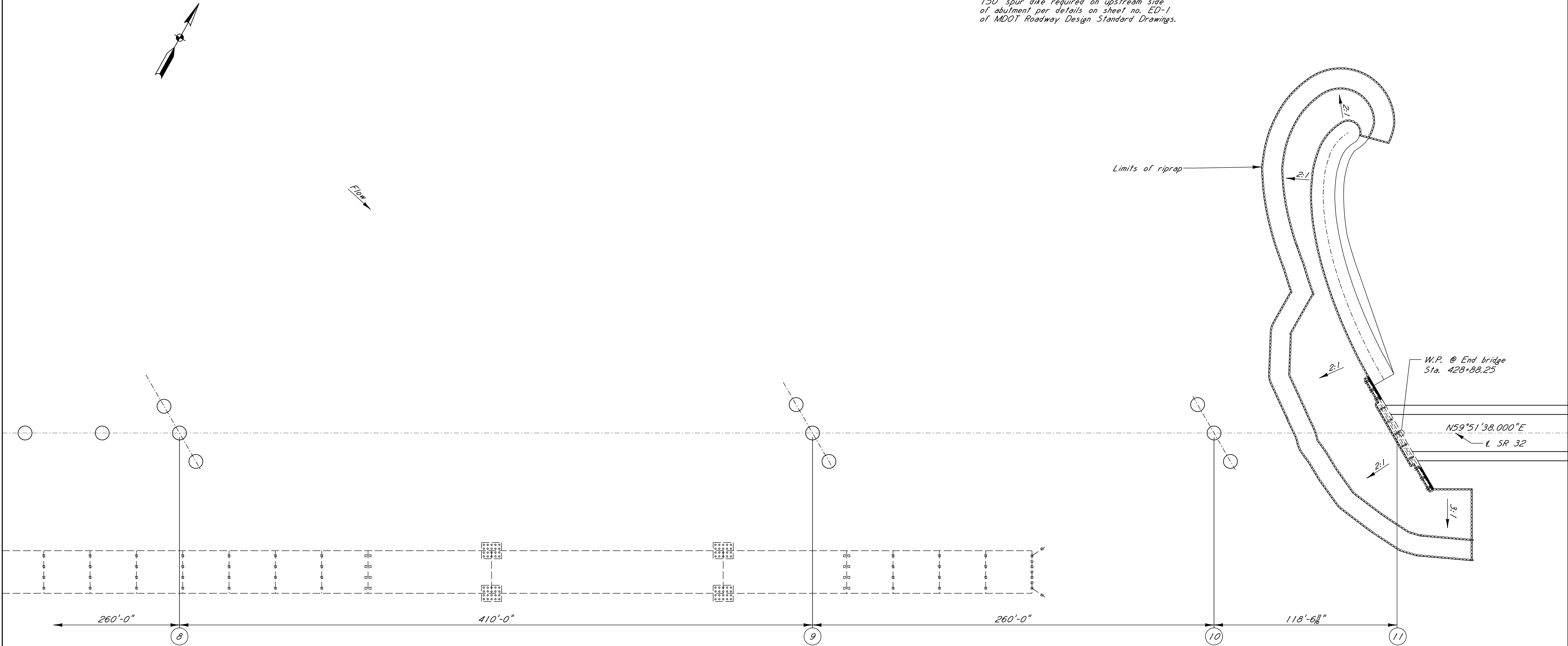
STANDARD PLAN REQUIRED: ST-150, CP-600

BY		MISSISSIPPI STATE HIGHWAY DEPARTMENT	
DATE		BRIDGE "B" STA. 409+41.125	
REVISIONS		OVER TALLAHATCHIE RIVER	
		PROJECT FAS 43 A(1)	
		CONTRACT II	
		TALLAHATCHIE COUNTY	
		SUBMITTED BY: BRIDGE ENGINEER	
DETAILED J.D.C.		CHECKED K.H.	8128
TRACED J.D.C.		DATE 3-27-44	INFO-B1

L:\2022\22105008 - MDOT SR 32 Tallahatchie River Bridge Drawings SR32-BRIDGE-S504-FN.dgn 1:35:00 PM 7/30/2024

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

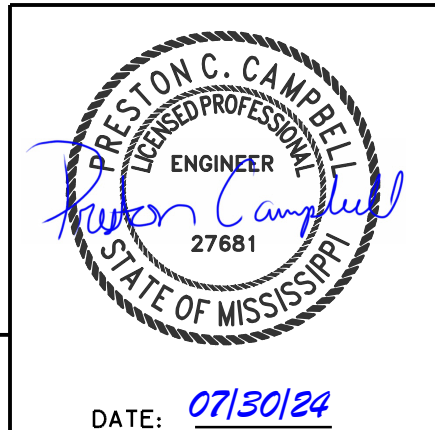
NOTE:
150' spur dike required on upstream side of abutment per details on sheet no. ED-1 of MDOT Roadway Design Standard Drawings.



PART FOUNDATION PLAN
Scale: 1" = 30'-0"

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

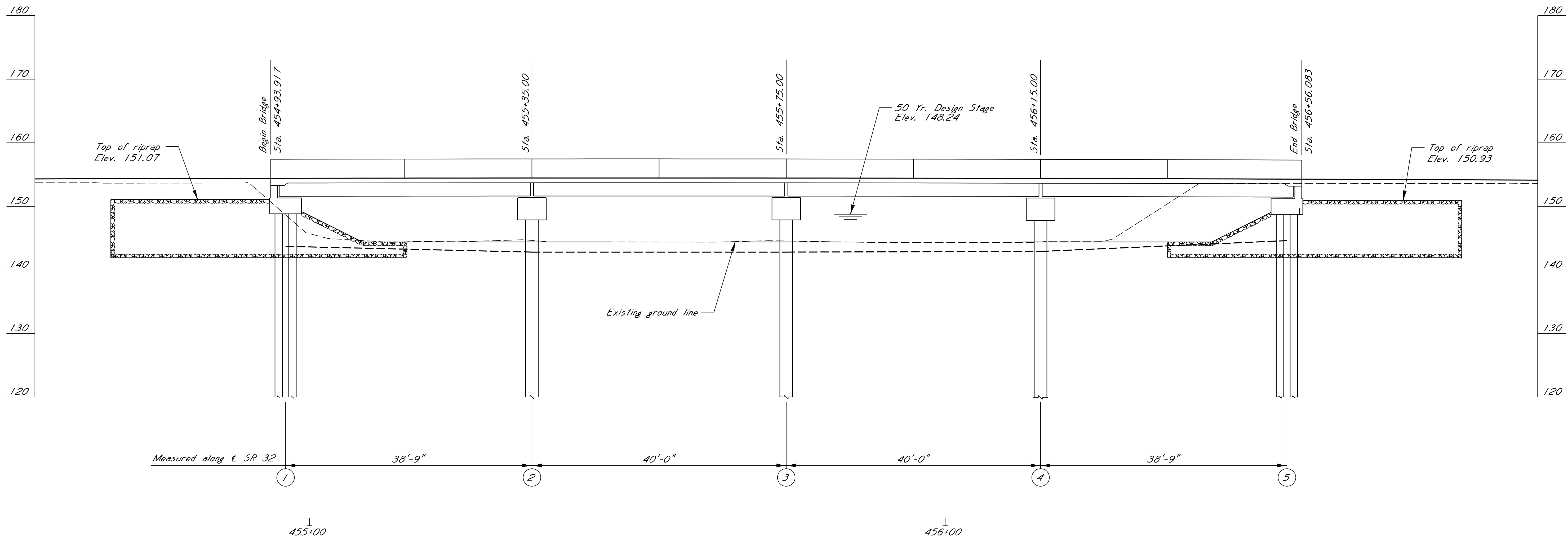
- NOTES:**
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 7. Turbidity curtain may be required.



				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92			
					BRIDGE EROSION CONTROL PLANS SR 32 ACROSS TALLAHATCHIE RIVER			
					PROJECT 102383/302000 BR-0051-02(023)			
					TALLAHATCHIE COUNTY			
				REVISIONS	WORKING NUMBER ECBR-6			
				DATE	SHEET NUMBER 8124			
					DESIGNER Tyler Hartman CHECKER Preston Campbell DETAILER Tyler Hartman ISSUE DATE -			
					DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICAH DEW PE.			

1:35:01 PM 7/30/2024 L:\2022\22105008 - MDOT SR 32 Tallahatchie River Bridge Drawings SR32-BRIDGE-S401-LO.dgn

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

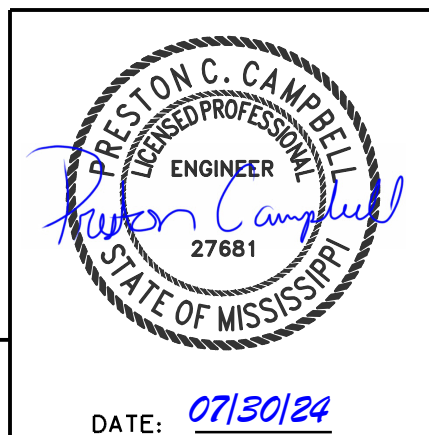


NOTE:

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

NOTES:

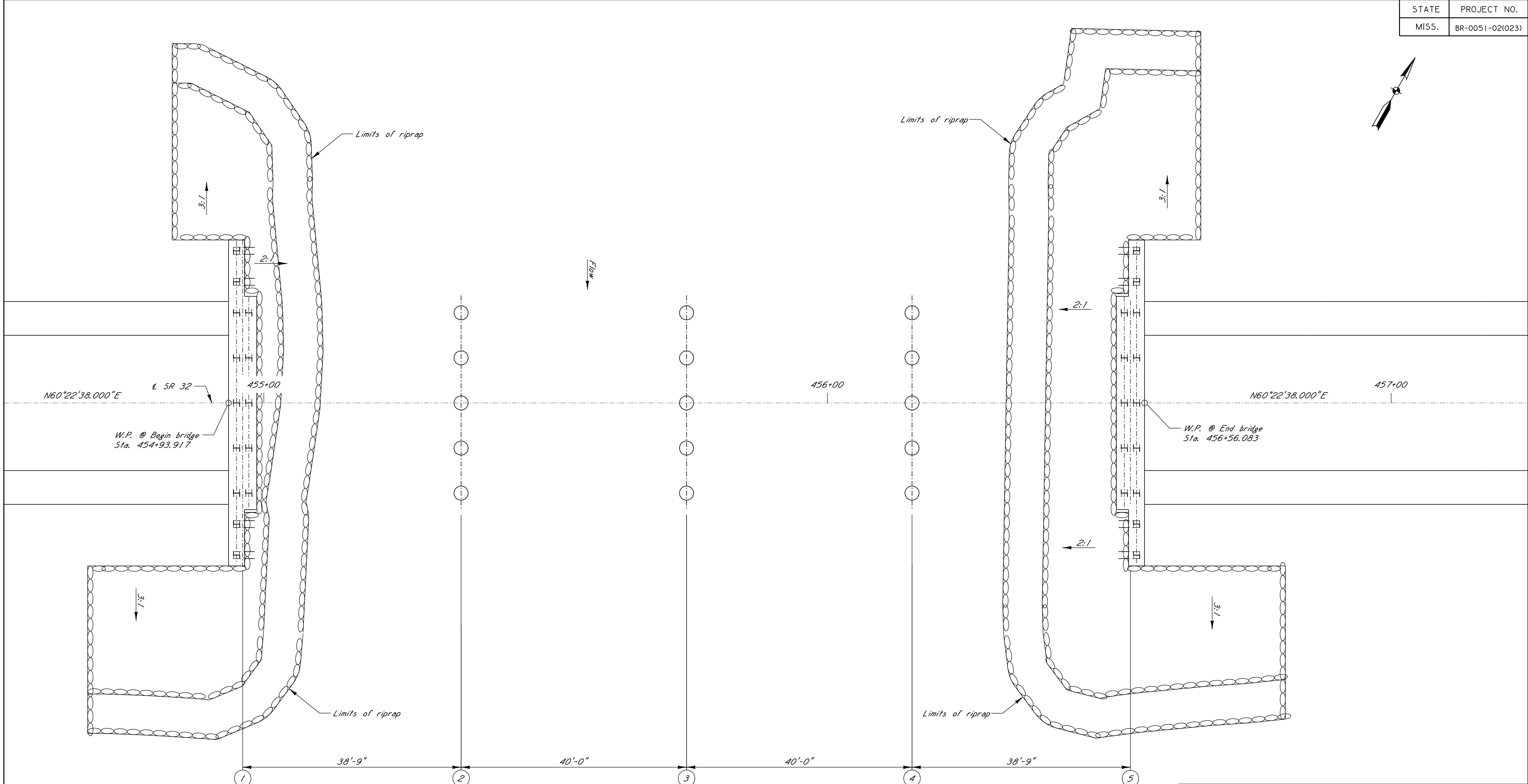
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1:35:01 PM 7/30/2024 L:\2022\22105008 - MDOT SR 32 Tallahatchie River Bridge Drawings SR32-BRIDGE-S402-FN.dgn

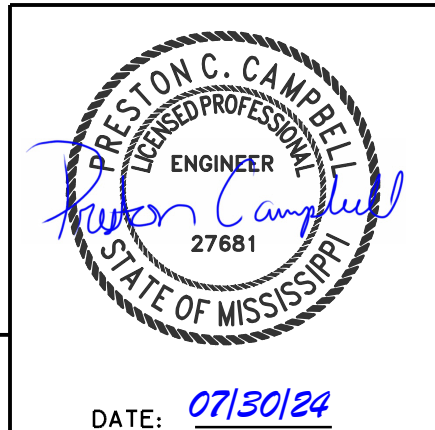
STATE	PROJECT NO.
MISS.	BR-0051-02(023)



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

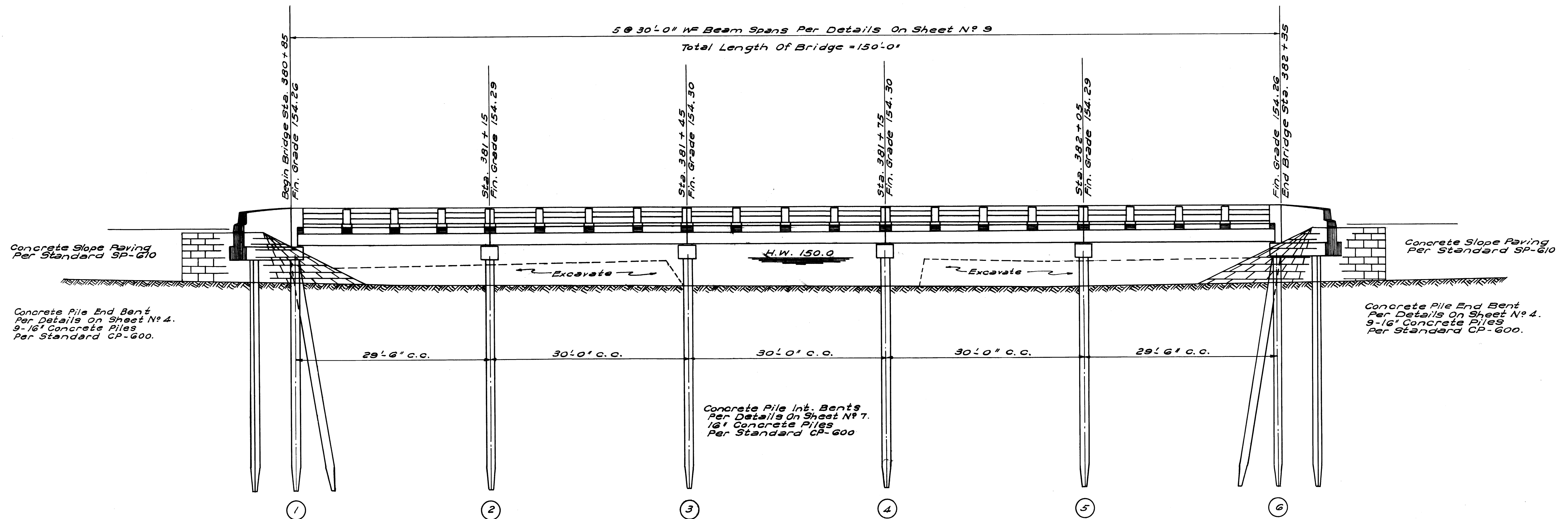
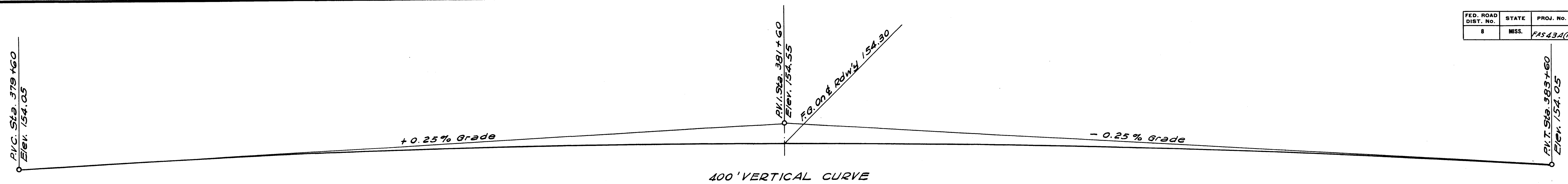
NOTES:
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3. Minimize disturbance to existing banks.
4. If a bent is in close proximity to the banks, then riprap shall be placed prior to pile driving.
5. Riprap shall be placed on slopes immediately after pile driving.
6. Clearing should be kept to a minimum and grubbing only where required.
7. Turbidity curtain may be required.

FOUNDATION PLAN
Scale: 8" = 1'-0"



BY				MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE @ STA. 454+93.92			
REVISIONS				BRIDGE EROSION CONTROL PLANS SR 32 ACROSS LOCOPOLIS BAYOU			
				PROJECT 102383/302000 BR-0051-02(023)			
				TALLAHATCHIE COUNTY			
DATE				DESIGNER <u>Michelle Howington</u> CHECKER <u>Preston Campbell</u> DETAILER <u>Michelle Howington</u> ISSUE DATE <u>-</u>			
				DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICAH DEW PE.			
				WORKING NUMBER ECBR-8			
				SHEET NUMBER 8126			

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	MISS.	FAS 43A(1)	19	I	X



ELEVATION - WITH PROFILE ON & ROADWAY
Scale: 8" = 1'-0"

PILE BEARING CAPACITY
End Bents: 25 Tons.
Int. Bents: 30 Tons.

ESTIMATED QUANTITIES								
Item	Class "B" Bridge Conc. Cu. Yds.	Reinforcing Steel Lbs.	Structural Steel Lbs.	1/2" Precast Conc. Piling Lin. Ft.	Bridge Railing Lin. Ft.	Test Pile Units	Load Test Units	Concrete Slope Paving Cu. Yds.
Location								
Spans	108.90	17,946	47,450		300			
Int. Bents	19.88	2,586		675		1		
End Bents	32.98	3,263		720		2		52.20
Totals	161.76	23,795	47,450	1,395	300	3	2	52.20

GENERAL NOTES:

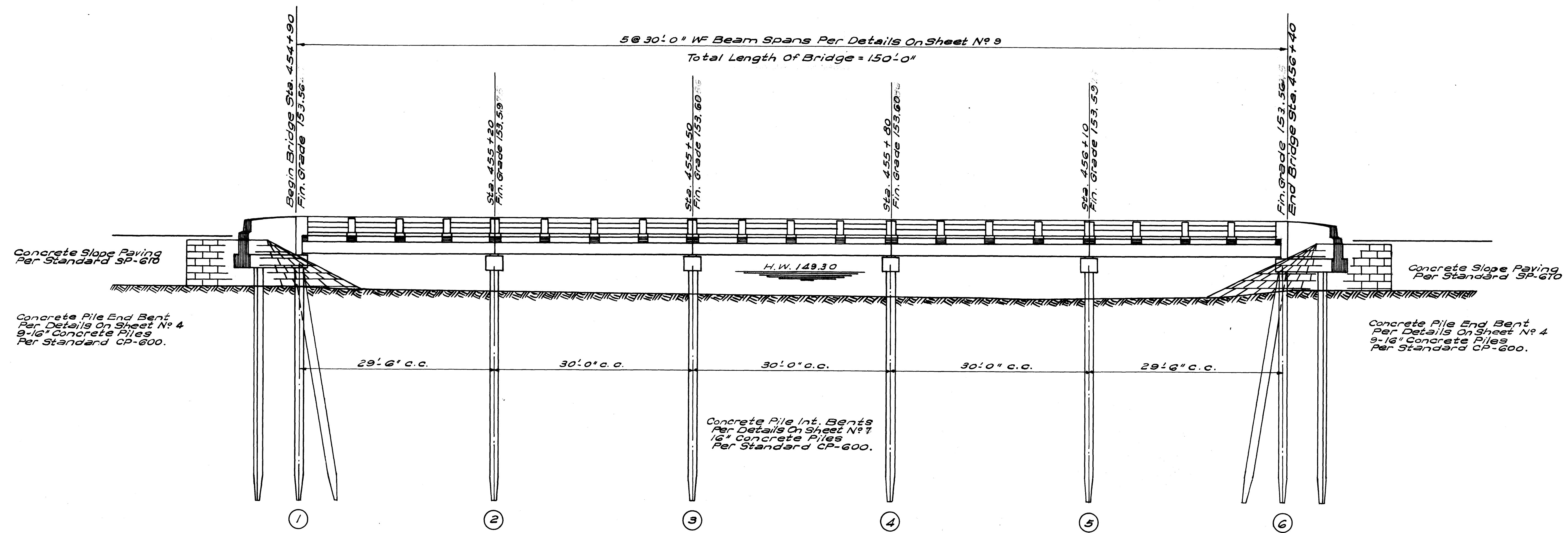
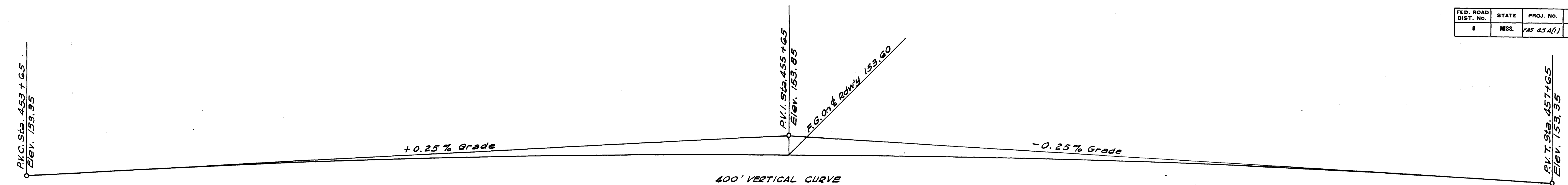
Specifications: Mississippi State Highway Department.
No Unauthorized Change Of Plans Will Be Permitted.
Expansion Joint Material Shall Be Either cork or Rubber.
Test Piles Shall Be Driven As Permanent Piles In Bents No. 1, No. 4, and No. 6 And Will Be Paid For As Test Piles Only.
Test Piles Shall Be Driven To A Minimum Bearing Capacity Of 35 Tons, And A Minimum Penetration Of 40 Feet. Test Pile Data And Recommended Pile Lengths Shall Be Submitted To The Bridge Engineer Before Piles Are Manufactured.
Embankments At Bridge Ends Shall Be Constructed To Grade Before Piles For End Bents Are Driven.
All Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly, And Compensation Therefor Will Be Considered Included In The Prices And Payments For Bid Items.

DESIGN DATA
Specifications: A.A.S.H.O. 1944.
Loading: H15 - S12 - 44.

Standard Plans Required: CP-600, SP-610.

BY		MISSISSIPPI STATE HIGHWAY DEPARTMENT	
		BRIDGE "A" STA. 380+85	
		PROJECT FAS 43A(1)	
		CONTRACT II	
		TALLAHATCHIE COUNTY	
		SUBMITTED BY _____ BRIDGE ENGINEER	
DATE	REVISIONS	DETAILED L.B.R. CHECKED L.B.R. DATE 3-4-46	8127 INFO-A1

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	MISS.	FAS 43A(1)	19	III	5



ELEVATION-WITH PROFILE ON & ROADWAY
Scale: 8"=1'-0"

PILE BEARING CAPACITY
End Bents: 25 Tons.
Int. Bents: 30 Tons.

ESTIMATED QUANTITIES								
Item	Class "B" Bridge Conc. Cu. Yds.	Reinforcing Steel Lbs.	Structural Steel Lbs.	16" Precast Conc. Piling Lin. Ft.	Bridge Railing Lin. Ft.	Test Pile Units	Load Test Units	Concrete Slope Paving Cu. Yds.
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GENERAL NOTES:

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Test Piles Shall Be Driven To A Minimum Bearing Capacity of 35 Tons And A Minimum Penetration of 40 Feet. Test Pile Data And Recommended Pile Lengths Shall Be Submitted To The Bridge Engineer Before Piles Are Manufactured.
Embankments At Bridge Ends Shall Be Constructed Before Piles For End Bents Are Driven.
All Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefor Will Be Considered Included In The Prices And Payments For Bid Items.
Expansion Joint Material Shall Be Either Cork Or Rubber.

DESIGN DATA
Specifications: A.A.S.H.O. 1944.
Loading: H15-S12-44.

Standard Plans Required: CP-600, SP-610

MISSISSIPPI STATE HIGHWAY DEPARTMENT	
BRIDGE "C" STA. 454+90	
PROJECT FAS 43A(1)	
CONTRACT II	
TALLAHATCHIE COUNTY	
SUBMITTED BY _____ BRIDGE ENGINEER	
DATE	8129 INFO-C1