

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 26, 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. NH-0055-04(077)V21 FMS 100222/303000 on US I-55 for the widening and bridging in Desoto County, 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 protection is anticipated at Horn Lake Creek crossing and is included as Sheet No. ECP-RB-8 (Sheet No. 133).

This project involves filling and reshaping areas of roadway medians and fill slopes to add or widened existing lanes. Horn Lake Creek will have a new bridge constructed which will have temporary construction impacts. ECP sheets are included with a location map. The Horn Lae Creek areas is listed as impaired on the 303(d) list. It has a TMDL for sediment and 163 acres of disturbed soil is esteimated.

Bridge erosion control pay items for best management practices 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 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, and 7) Turbidity curtain may be required. Also, various erosion control measures that will be used are select material for undercuts, geotextile stabilization, topsoil for slope treatment, solid sodding, ditch liner, soil reinforcing mat, Type "D" Silt Basin, silt dike, sandbags, temporary stream diversion, inland siltation guard, riprap for erosion control, concrete paved ditch, grassing, agricultural limestone, vegetative mulch, temporary grassing, temporary silt fence, and 20" wattles. The site specific SWPPP that will be submitted by the contractor for approval will have all of this information. We believe these BMPs will suffice for adequate control of soil erosion leaving the worksite. The Corps concurrence email to Approve under GP #46 is included.

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, 2026 and let in February, 2027.

Sincerely,

A handwritten signature in blue ink that reads "John C. Taylor". The signature is written in a cursive, flowing style.

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

AI 91728

MSR120037



Rec'd via email:
10/23/2026

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)

OC

MSR 120037

(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 Desoto 100222/303000
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: I - 55
CITY: Southaven STATE: MS COUNTY: Desoto ZIP: 38672
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): NA
LATITUDE: 34 degrees 56 minutes 48.78 seconds LONGITUDE: 89 degrees 59 minutes 48.25 seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): Holly Springs
TOTAL ACREAGE THAT WILL BE DISTURBED ¹: 163

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:	2030-04-15 YYYY-MM-DD	
DESCRIPTION OF CONSTRUCTION ACTIVITY: <u>Widening, grading and bridging</u>		
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: <u>Highway Use</u>		

SIC Code: <u>1611</u>	NAICS Code <u>237310</u>
------------------------------	---------------------------------

NEAREST NAMED RECEIVING STREAM: <u>Horn Lake Creek</u>	
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: Nutrient Pollution, Organic Enrichment / Low Dissolved Oxygen, Sediment, Total Phosphorus: Sediment TMDL 0.088 to 0.243 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): SM, CL, ML	
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
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:

- 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 Applicant¹ (owner or prime contractor)

Date Signed

Lee Frederick

Assistant Chief Engineer- Preconstruction

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:

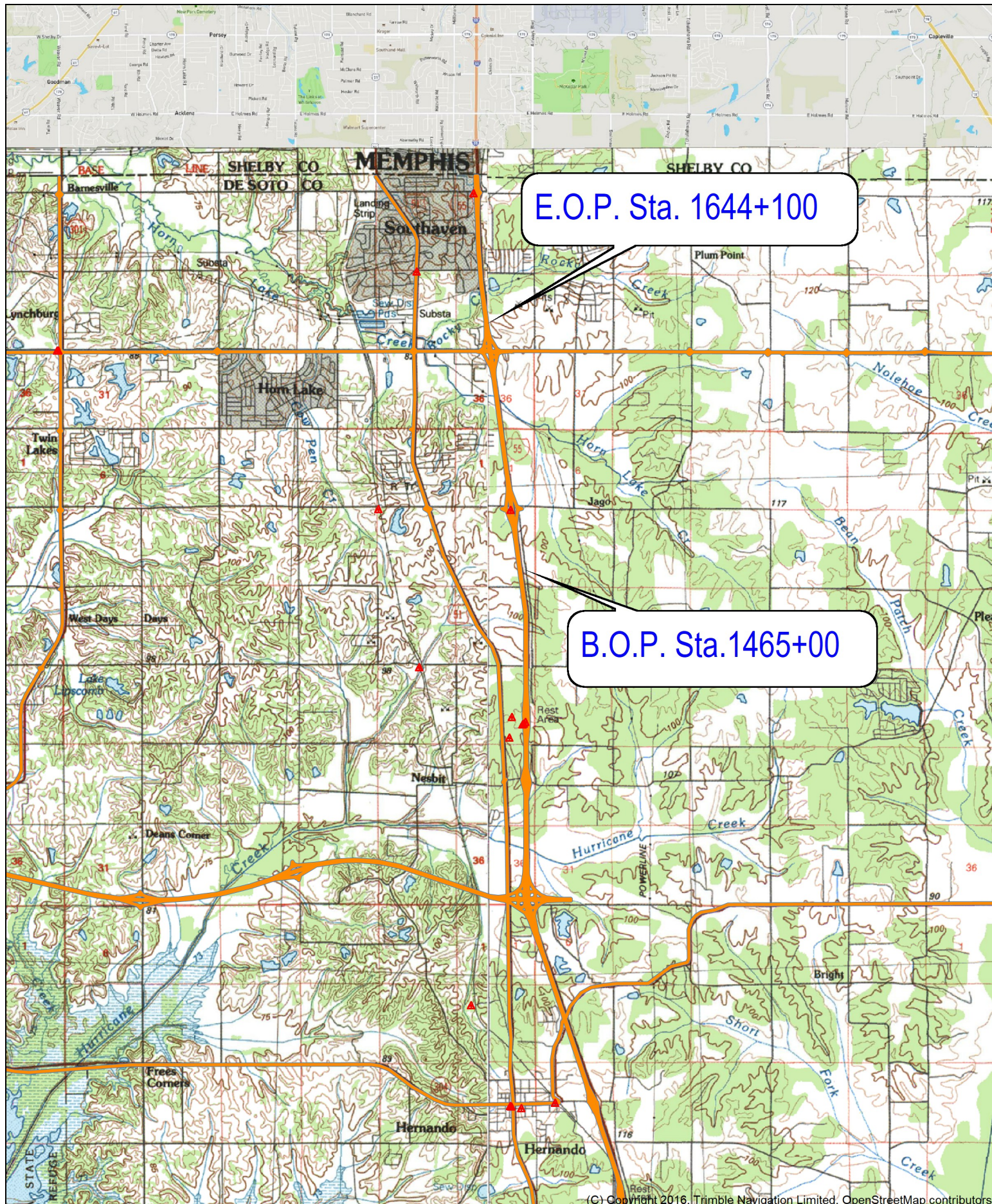
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225

Electronically:

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

Revised 3/23/22

Location Maps



Name: HOLLY SPRINGS
 Date: 07/21/26
 Scale: 1 inch = 8,333 ft.

Location: 034° 54' 55.7782" N, 089° 59' 49.5990" W
 Interstate 55 Widening Project - Desoto County
 FMS 100222/303000

Corps Intent Approve Under GP46

**MVM-2026-00184 MDOT/I-55 from Church Road to SR 302 Widening, Project No. NH-0055-04(077)
V21, 100222-303000, DeSoto County, Mississippi**

From Mordecai, Linda C CIV USARMY USACE (USA) <Linda.C.Mordecai@usace.army.mil>

Date Mon 10/19/2026 1:13 PM

To Regulatory MVK <Regulatory@usace.army.mil>; Wodtke, Andrea R <awodtke@mdot.ms.gov>

Cc Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>; Johnson, Brad <bjohnson@mdot.ms.gov>; Johnson, Adam <ajohnson@mdot.ms.gov>; Williamson, Stanley B. (Bryan) CIV USARMY CEMVK (USA) <Stanley.B.Williamson@usace.army.mil>

Jared,

Per our discussion for this project, this is now in the Memphis District ORM database. Please disregard MVK-2026-00752 as the project number.

**SUBJECT: MDOT/I-55 from Church Road to SR 302 Widening, Project No. NH-0055-04(077)
V21, 100222-303000, DeSoto County, Mississippi**

The Vicksburg District Regulatory Division is committed to providing quality and timely service to our customers. As part of this service, we are furnishing the name and contact information of the Project Manager who is working on your request.

If you have any questions or need further information concerning the Regulatory process, please feel free to contact the Project Manager below or visit our web site at:

www.mvk.usace.army.mil/Missions/Regulatory.aspx .

PROJECT ID NUMBER: MVM-2026-00184

**PROJECT MANAGER: Mr. Jared Everitt
Jared.H.Everitt@usace.army.mil
601-631-7104**

v/r



**US Army Corps
of Engineers®**
Vicksburg District

**Linda Mordecai
Workforce Management Support Specialist
U.S. Army Corps of Engineers, Regulatory Division
4155 East Clay Street
Vicksburg, MS 39183
Office: 601-631-7071**

Email: Linda.C.Mordecai@usace.army.mil

Regulatory Request System (RRS): <https://rrs.usace.army.mil/>
Website: <https://www.mvk.usace.army.mil/Missions/Regulatory/>

From: Regulatory MVK

Sent: Thursday, October 15, 2026 2:33 PM

To: 'Wodtke, Andrea R' <awodtke@mdot.ms.gov>

Cc: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>; Johnson, Brad <bjohnson@mdot.ms.gov>

Subject: MVK-2026-00752 MDOT/I-55 from Church Road to SR 302 Widening, Project No. NH-0055-04(077) V21, 100222-303000, DeSoto County, Mississippi

SUBJECT: MDOT/I-55 from Church Road to SR 302 Widening, Project No. NH-0055-04(077) V21, 100222-303000, DeSoto County, Mississippi

The Vicksburg District Regulatory Division is committed to providing quality and timely service to our customers. As part of this service, we are furnishing the name and contact information of the Project Manager who is working on your request.

If you have any questions or need further information concerning the Regulatory process, please feel free to contact the Project Manager below or visit our web site at: www.mvk.usace.army.mil/Missions/Regulatory.aspx.

PROJECT ID NUMBER: **MVK-2026-00752**

PROJECT MANAGER: **Mr. Jared Everitt**
Jared.H.Everitt@usace.army.mil
601-631-7104

v/r



**US Army Corps
of Engineers®**
Vicksburg District

Linda Mordecai
Workforce Management Support Specialist
U.S. Army Corps of Engineers, Regulatory Division
4155 East Clay Street
Vicksburg, MS 39183
Office: 601-631-7071
Email: Linda.C.Mordecai@usace.army.mil

Regulatory Request System (RRS): <https://rrs.usace.army.mil/>
Website: <https://www.mvk.usace.army.mil/Missions/Regulatory/>

From: Wodtke, Andrea R <awodtke@mdot.ms.gov>
Sent: Thursday, October 15, 2026 1:58 PM
To: Regulatory MVK <Regulatory@usace.army.mil>
Cc: Everitt, Jared H CIV USARMY CEMVK (USA) <Jared.H.Everitt@usace.army.mil>; Johnson, Brad <bjohnson@mdot.ms.gov>
Subject: [Non-DoD Source] MDOT permit app - Desoto 55 widening - 100222-303

Hello,

MDOT is proposing to widen a portion of I-55 from Church Road to SR 302.

Please download the permit application for this work here.

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

Thanks,

Andrea

--

Andrea Wodtke · *Deputy Director, Environmental Division*
MS Department of Transportation (87-01) · 401 N. West Street · Jackson, MS 39201
O: 601.359.7922 **C:** 601.323.4699

RE: GP46 Review - Desoto 55 - 100222-303

From Carrie Barefoot <CBAREFOOT@mdeq.ms.gov>

Date Thu 8/6/2026 11:15 AM

To Wodtke, Andrea R <awodtke@mdot.ms.gov>

Cc Johnson, Brad <bjohnson@mdot.ms.gov>

Hi Andrea,

MDEQ has no comments on this WQC under GP46.

Thanks,
CB

Carrie Barefoot, P.E.
Division Chief
MDEQ – Land Disturbance Division
P.O. Box 2261, Jackson, MS 39225
515 E. Amite Street, Jackson, MS 39201
Office: (601) 961-5249

From: Wodtke, Andrea R <awodtke@mdot.ms.gov>

Sent: Monday, July 13, 2026 8:56 AM

To: Carrie Barefoot <CBAREFOOT@mdeq.ms.gov>

Cc: Johnson, Brad <bjohnson@mdot.ms.gov>

Subject: GP46 Review - Desoto 55 - 100222-303

This Message Is From an External Sender

This message came from outside your organization.

Carrie,

Please download information about the subject project for your review [here \[file-exchange.mdot.state.ms.us\]](#).

MDOT is proposing widening I-55 in each direction from Church Road to SR 302 in Desoto County. We anticipate permitting under the GP46.

Attached is a KMZ of the project footprint, for reference.

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

Thanks,

Andrea

--

Andrea Wodtke · *Deputy Director, Environmental Division*

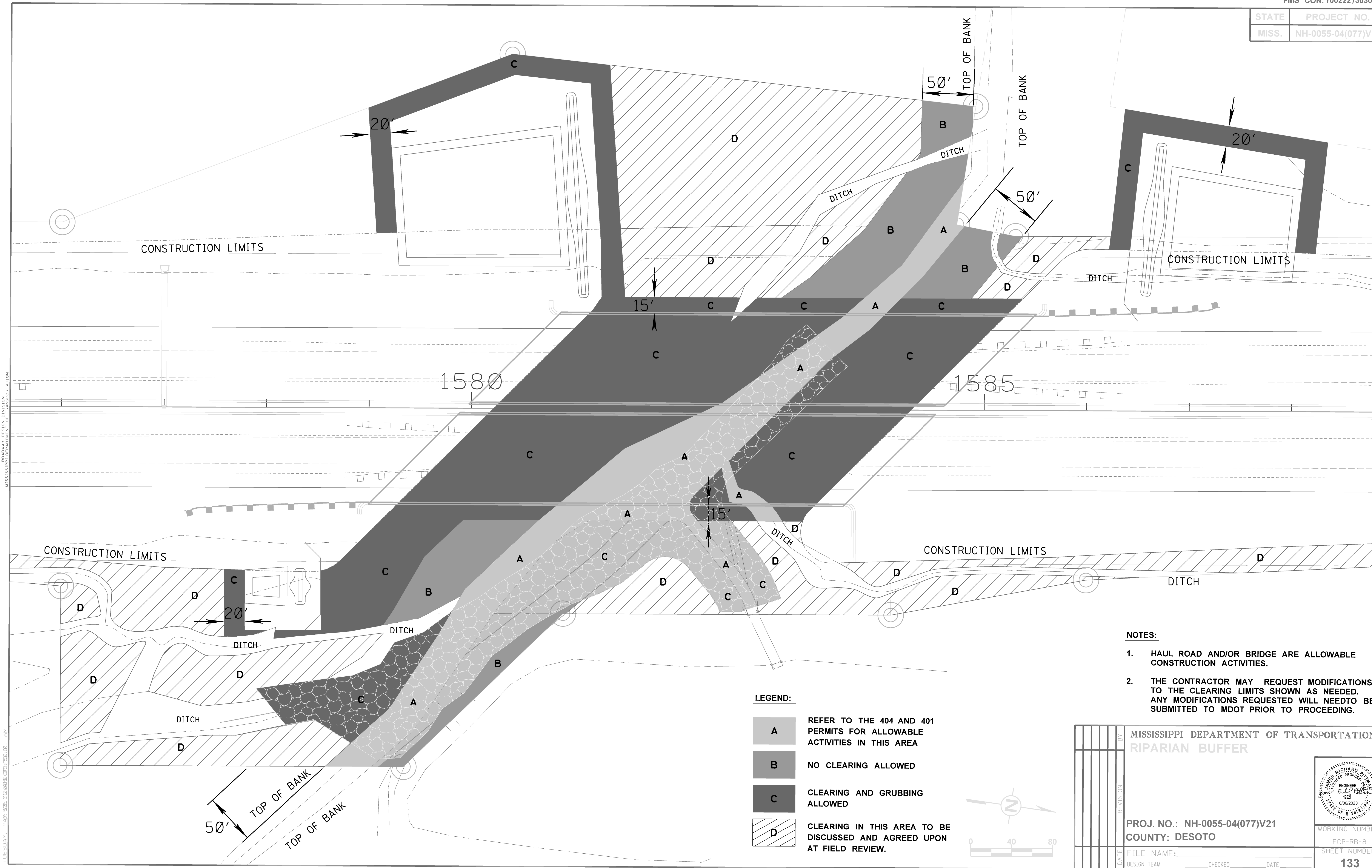
MS Department of Transportation (87-01) · 401 N. West Street · Jackson, MS 39201

O: 601.359.7922 **C:** 601.323.4699

Riparian Buffer Sheet At Horn Lake Creek

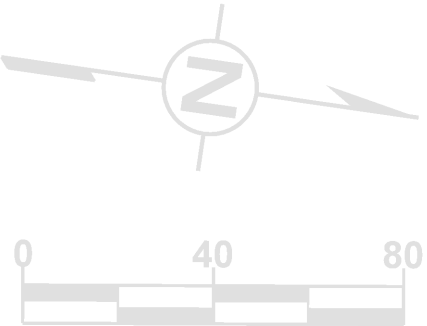
Station 1583+00

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



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

- LEGEND:**
- A** REFER TO THE 404 AND 401 PERMITS FOR ALLOWABLE ACTIVITIES IN THIS AREA
 - B** NO CLEARING ALLOWED
 - C** CLEARING AND GRUBBING ALLOWED
 - D** CLEARING IN THIS AREA TO BE DISCUSSED AND AGREED UPON AT FIELD REVIEW.

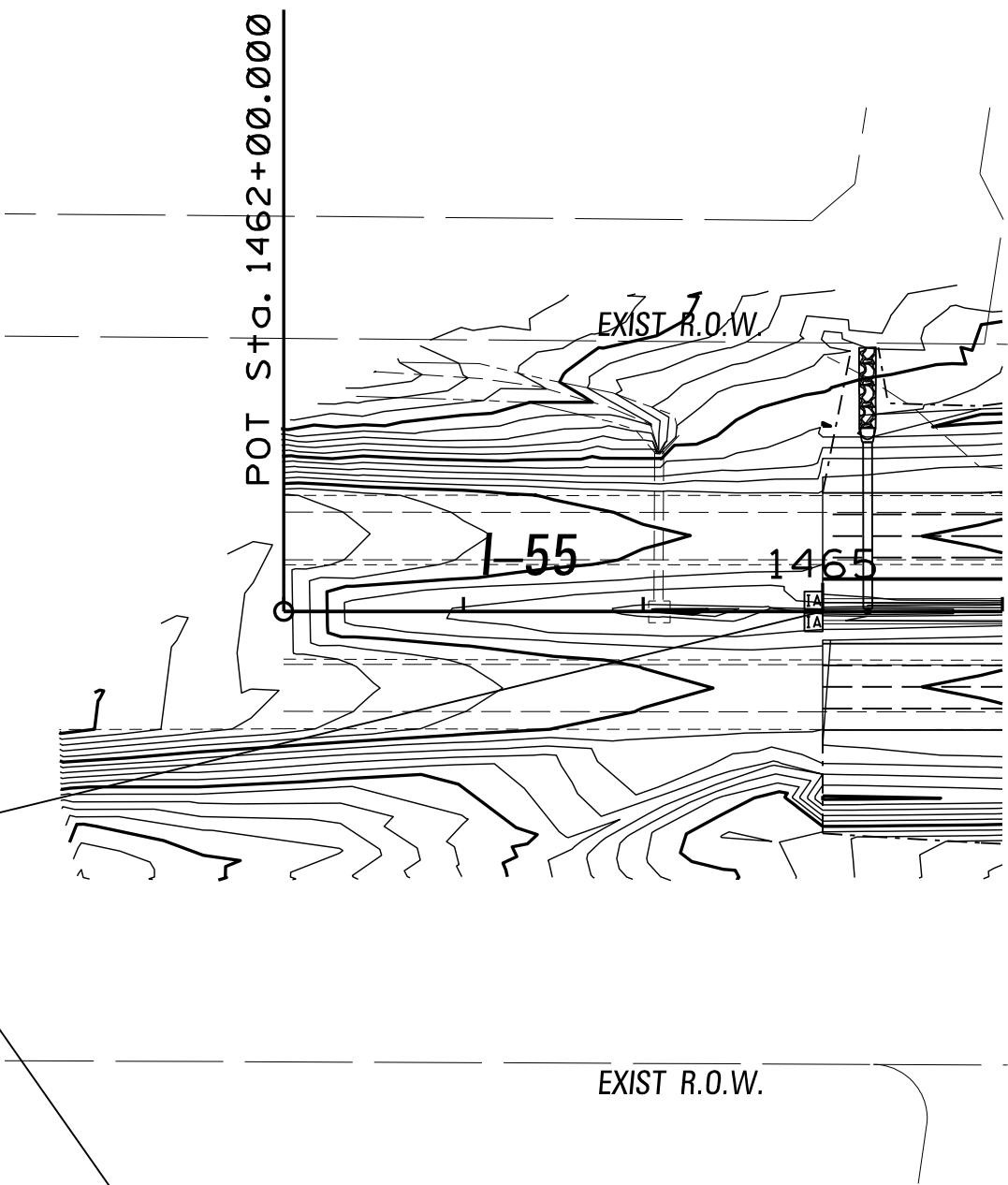
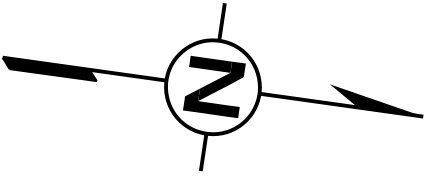


BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		RIPARIAN BUFFER	
DATE		PROJ. NO.: NH-0055-04(077)V21	
DESIGN TEAM		COUNTY: DESOTO	
CHECKED		WORKING NUMBER	
DATE		ECP-RB-8	
		SHEET NUMBER	
		133	



Roadway and Bridge ECP Sheets

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

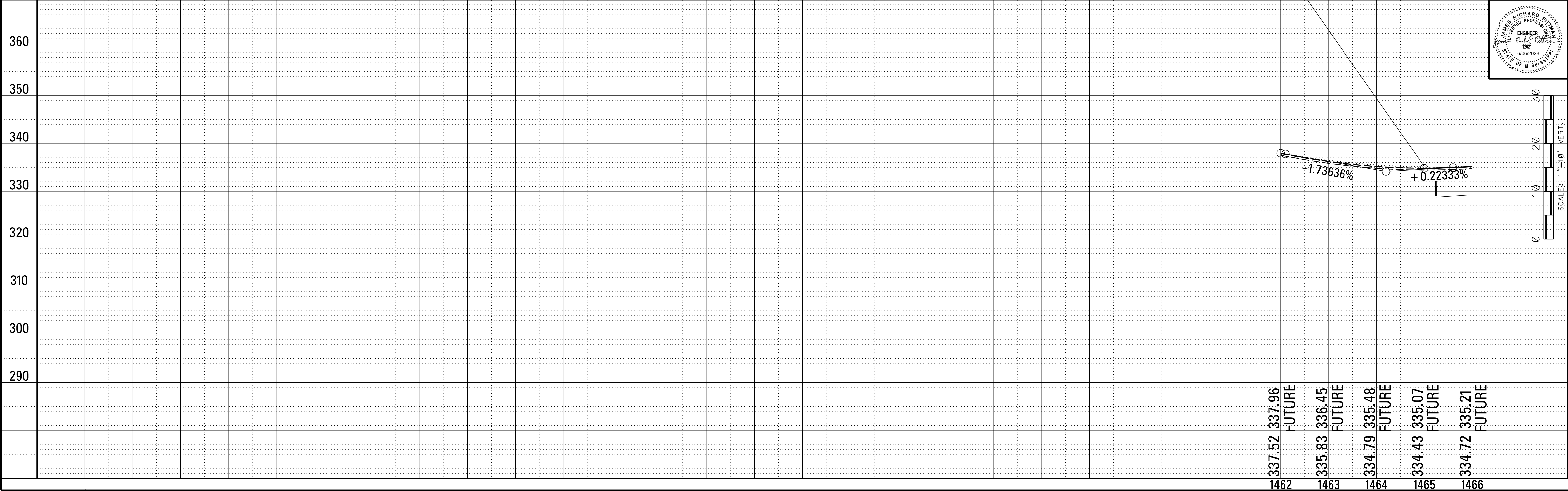
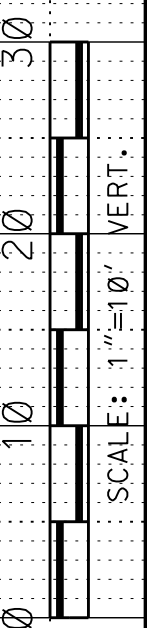
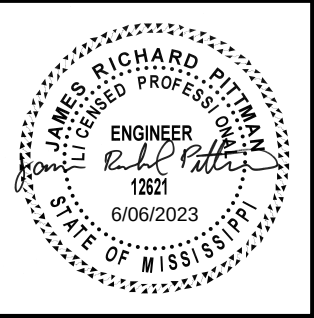
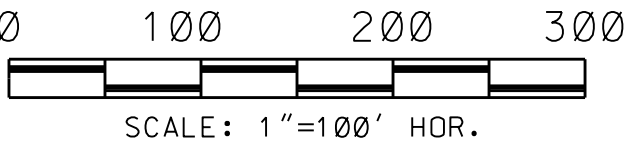


STA. 1465 + 00
BEGIN PROJECT

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

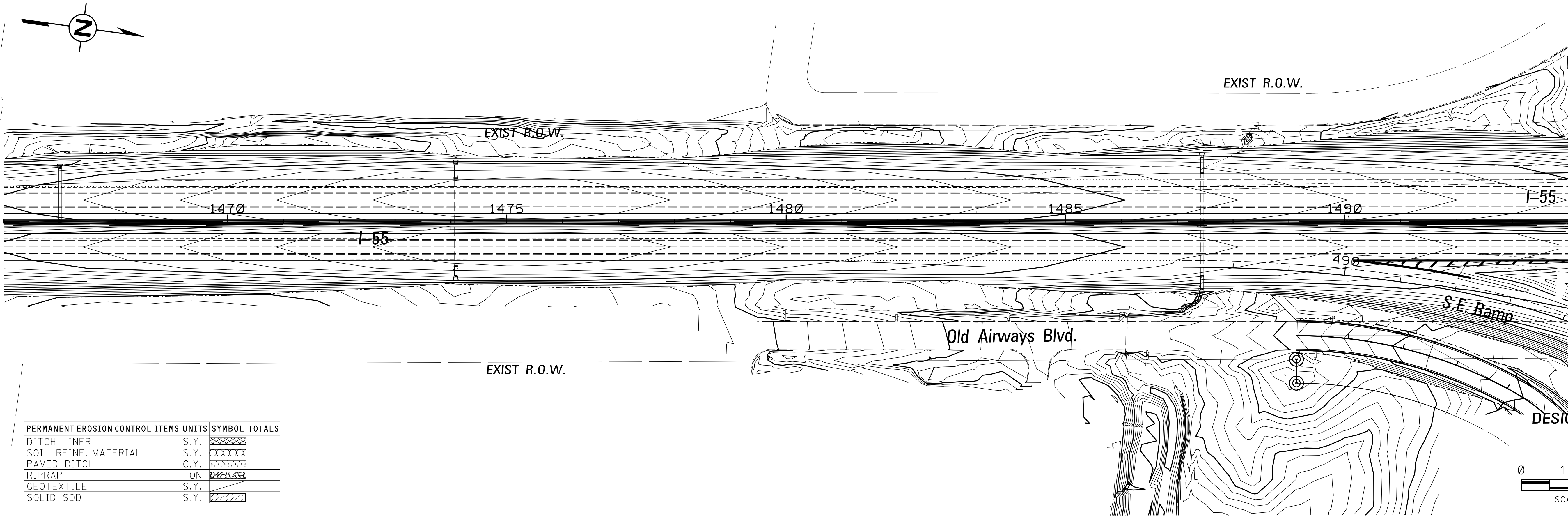
DESIGN SPEED = 70

I-55



TUESDAY, MAR 20, 2024 12:02:12 PM
CLARK COUNTY ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

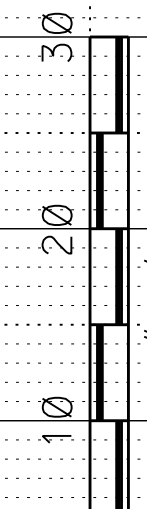
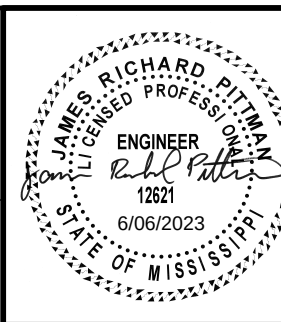
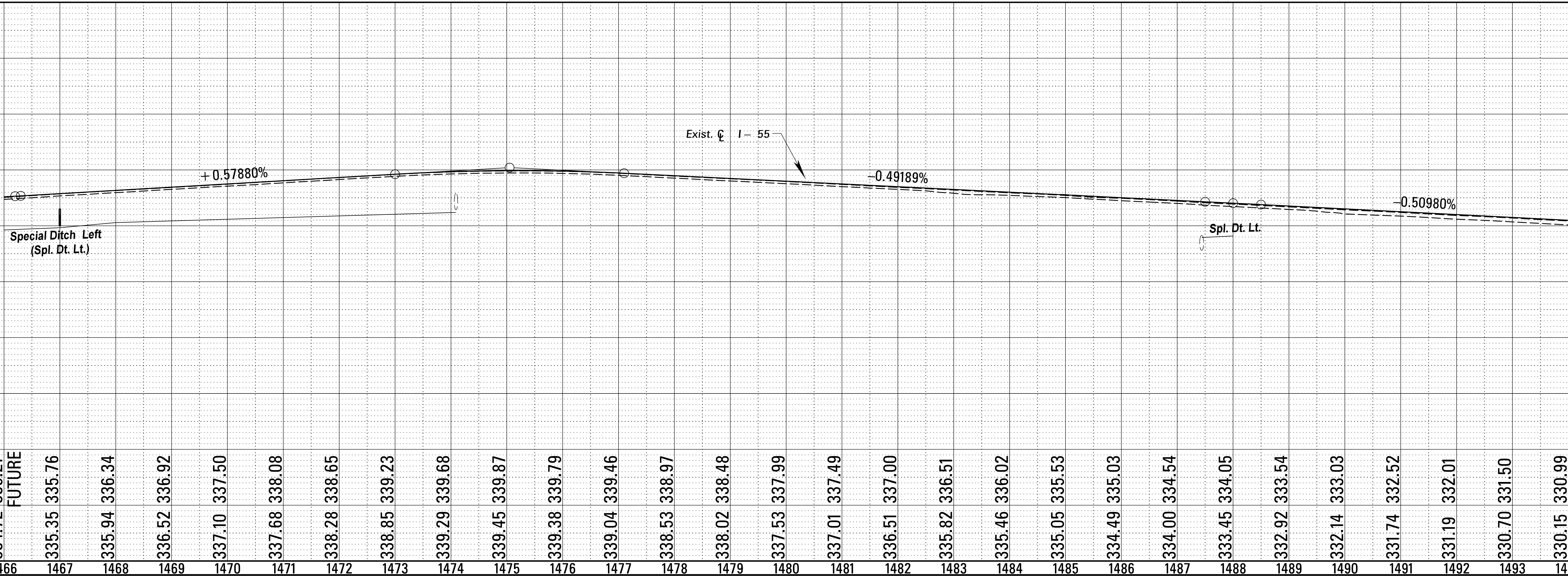
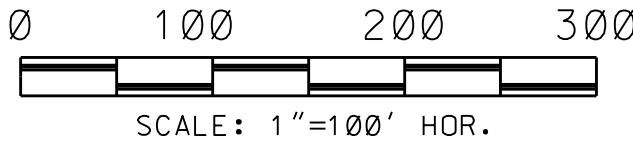
STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIPRAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

DESIGN SPEED = 70

I-55



Wk. Sh.
ECP-4
Sh. No.
123

CLARK COUNTY ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

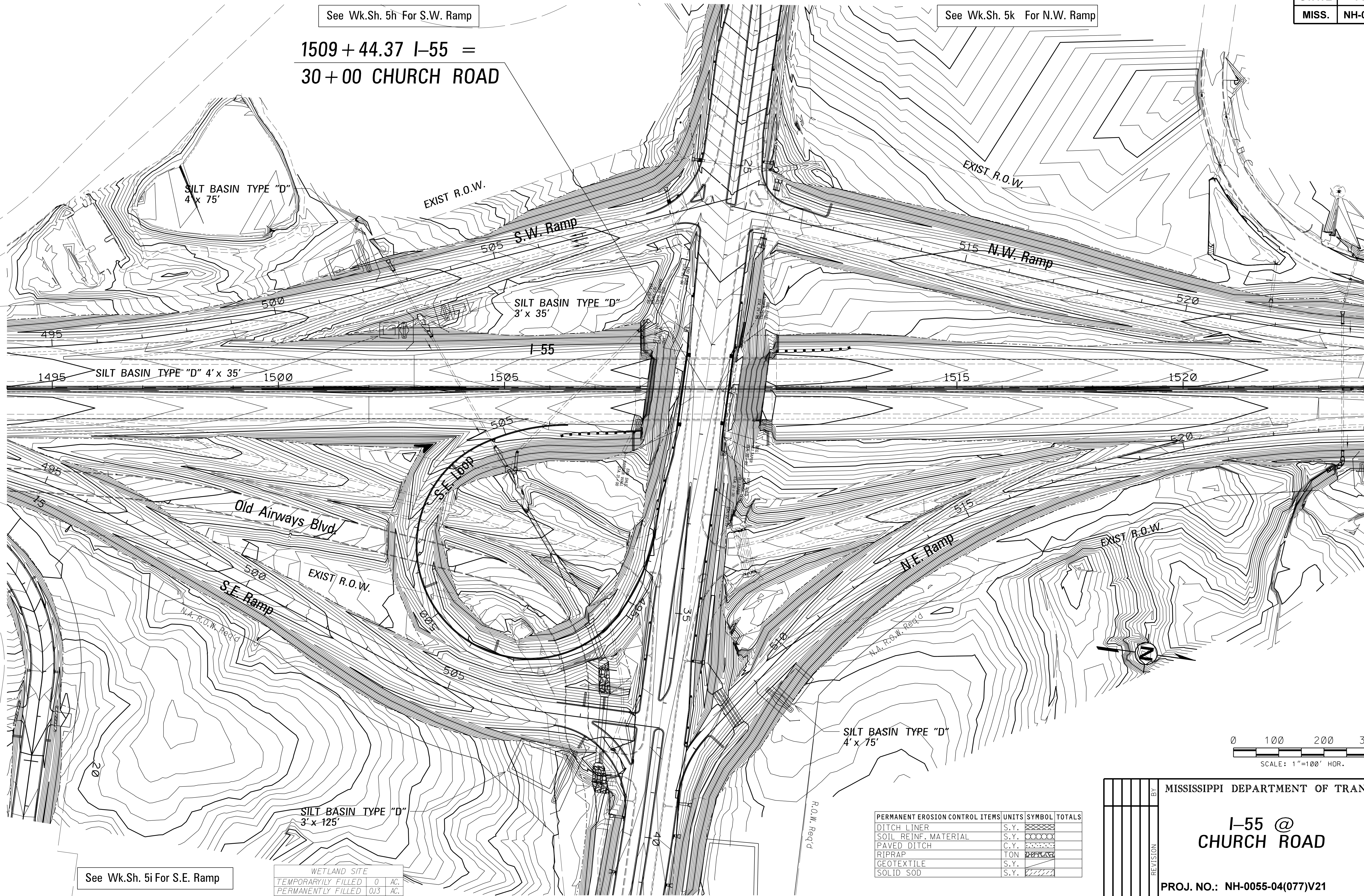
TUESDAY, MAR 06, 2024 9:02 AM

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

See Wk.Sh. 5h For S.W. Ramp

See Wk.Sh. 5k For N.W. Ramp

1509 + 44.37 I-55 =
30 + 00 CHURCH ROAD



See Wk.Sh. 5i For S.E. Ramp

See Wk.Sh. 5j For S.E. Loop

WETLAND SITE		
TEMPORARILY FILLED	0	AC.
PERMANENTLY FILLED	0.3	AC.
BRIDGED	0	AC.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIPRAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

See Wk.Sh. 5l For N.E. Ramp

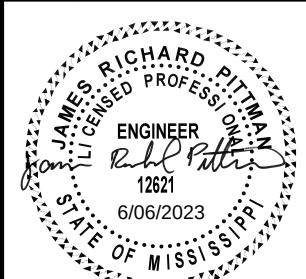
DESIGN SPEED = 70

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

I-55 @
CHURCH ROAD

PROJ. NO.: NH-0055-04(077)V21
COUNTY: DESOTO

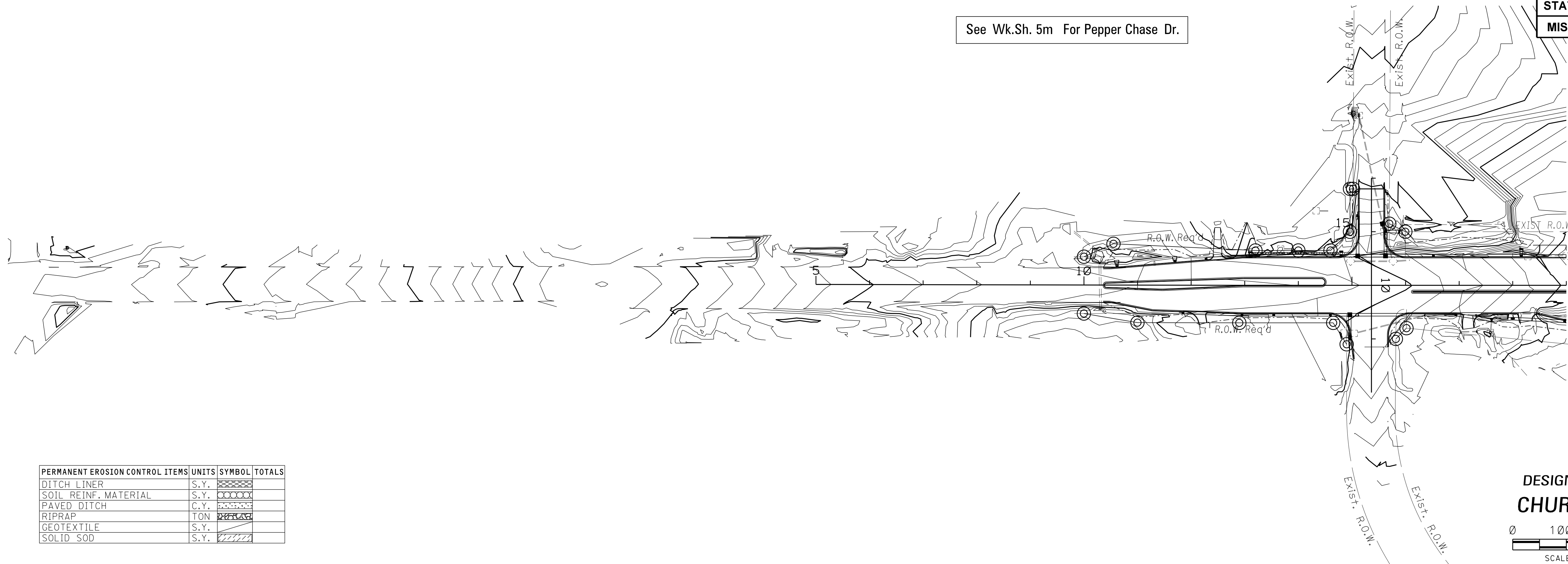
FILE NAME: ECP5.DGN
DESIGN TEAM HDR CHECKED DATE



WORKING NUMBER
ECP-5
SHEET NUMBER
124

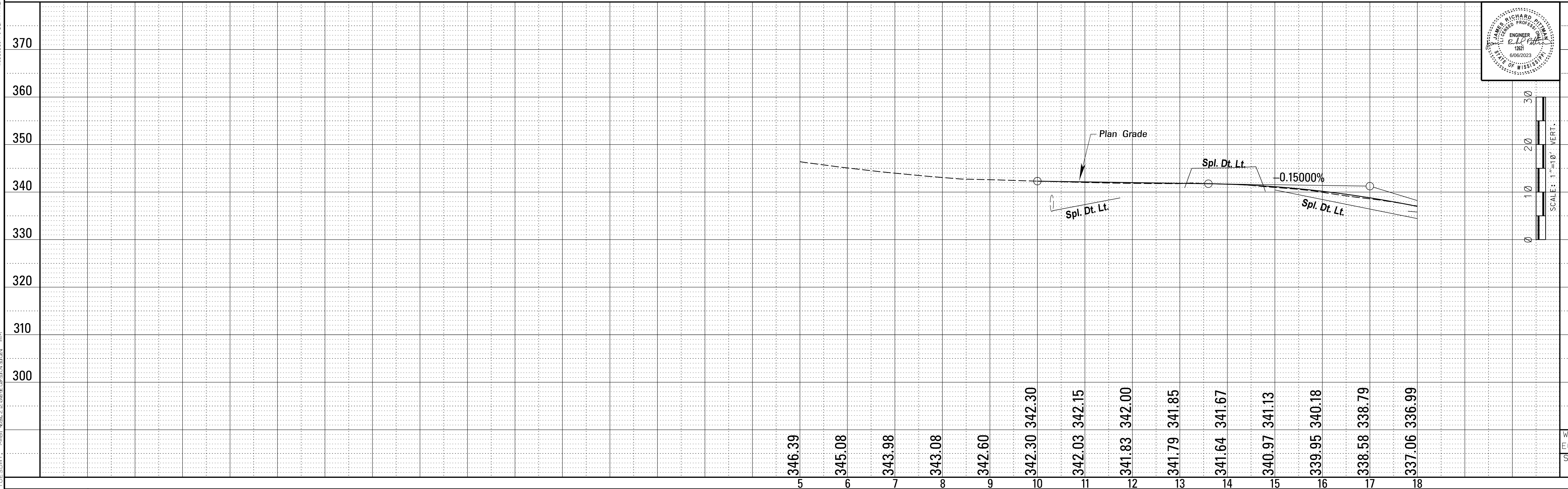
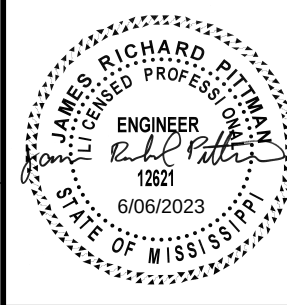
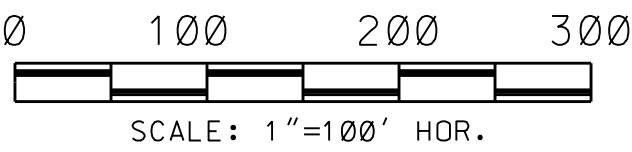
STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

See Wk.Sh. 5m For Pepper Chase Dr.



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIPRAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

DESIGN SPEED = 45
CHURCH ROAD

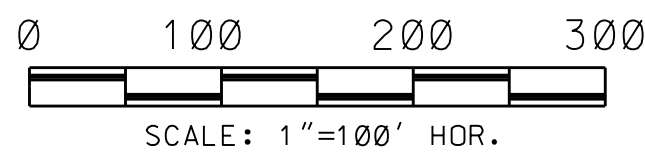
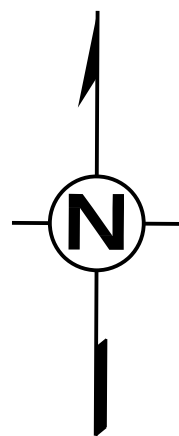
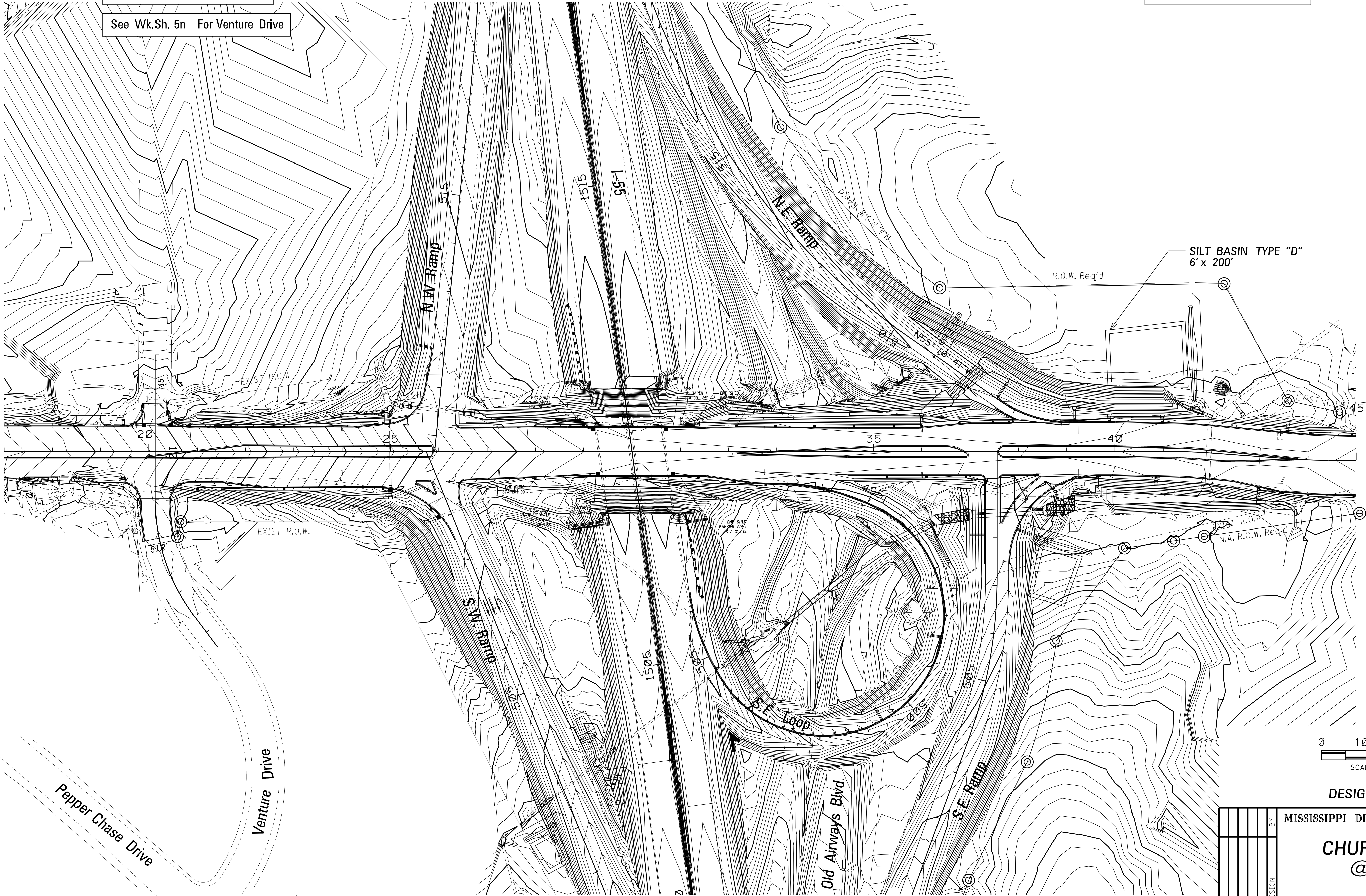


STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

See Wk.Sh. 5k For N.W. Ramp

See Wk.Sh. 5i For N.E. Ramp

See Wk.Sh. 5n For Venture Drive



DESIGN SPEED = 45

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

See Wk.Sh. 5h For S.W. Ramp

See Wk.Sh. 5i For S.E. Ramp

See Wk.Sh. 5j For S.E. Loop

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**CHURCH ROAD
@ I-55**

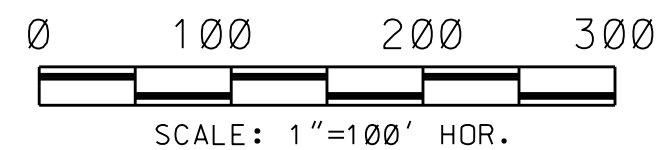
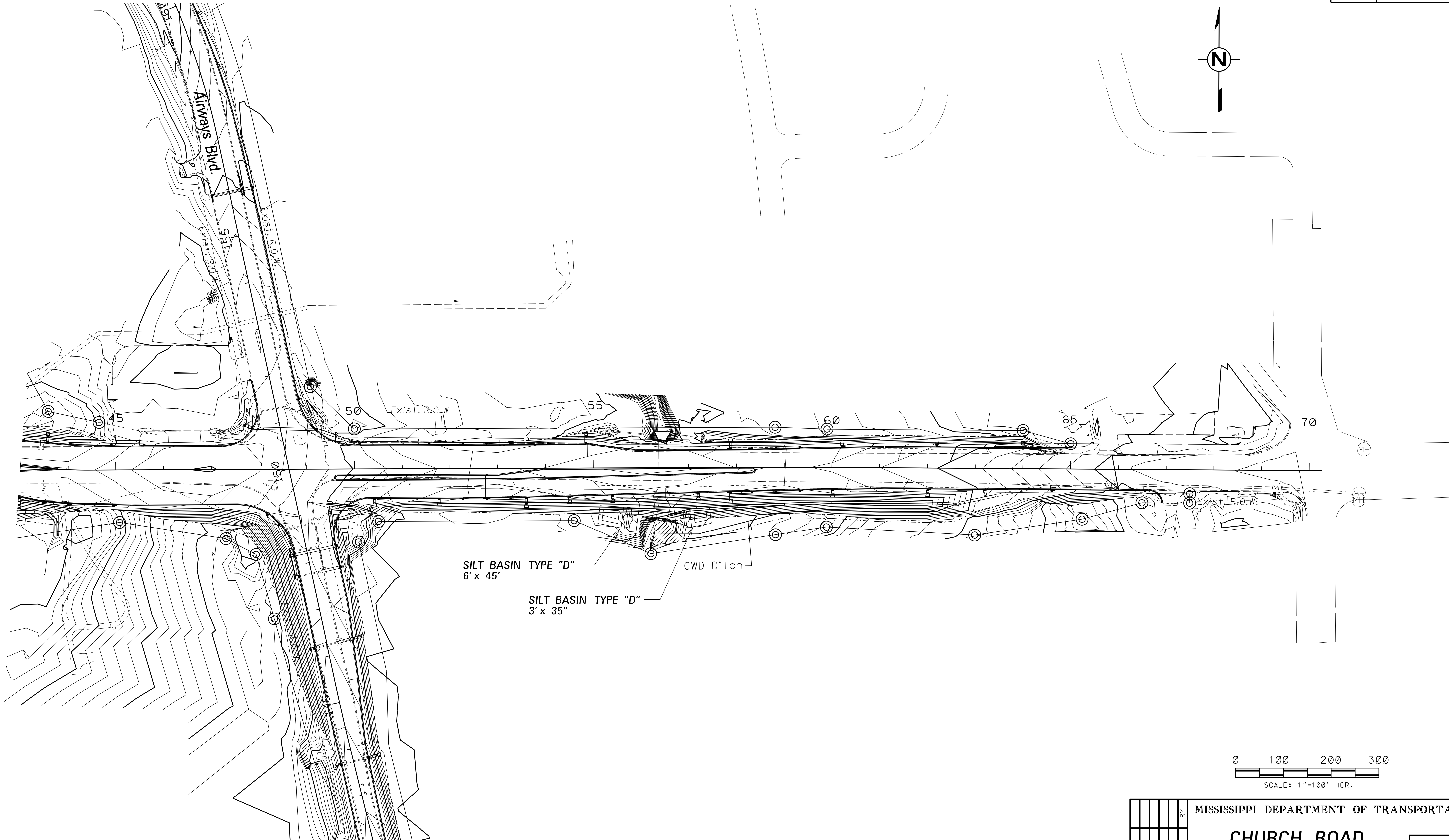
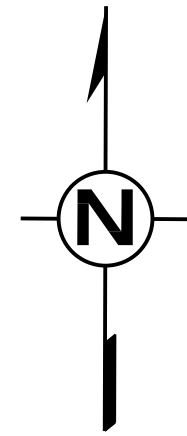
PROJ. NO.: NH-0055-04(077)V21
COUNTY: DESOTO

FILE NAME: ECP5D.DGN
DESIGN TEAM HDR CHECKED DATE



WORKING NUMBER
ECP-5D
SHEET NUMBER
126

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

See Wk.Sh. 5o For Airways Blvd.

DESIGN SPEED = 45

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		CHURCH ROAD	
		PROJ. NO.: NH-0055-04(077)V21	
		COUNTY: DESOTO	
		FILE NAME: ECP5F.DGN	
		DESIGN TEAM HDR CHECKED DATE	
		WORKING NUMBER ECP-5F	
		SHEET NUMBER 127	

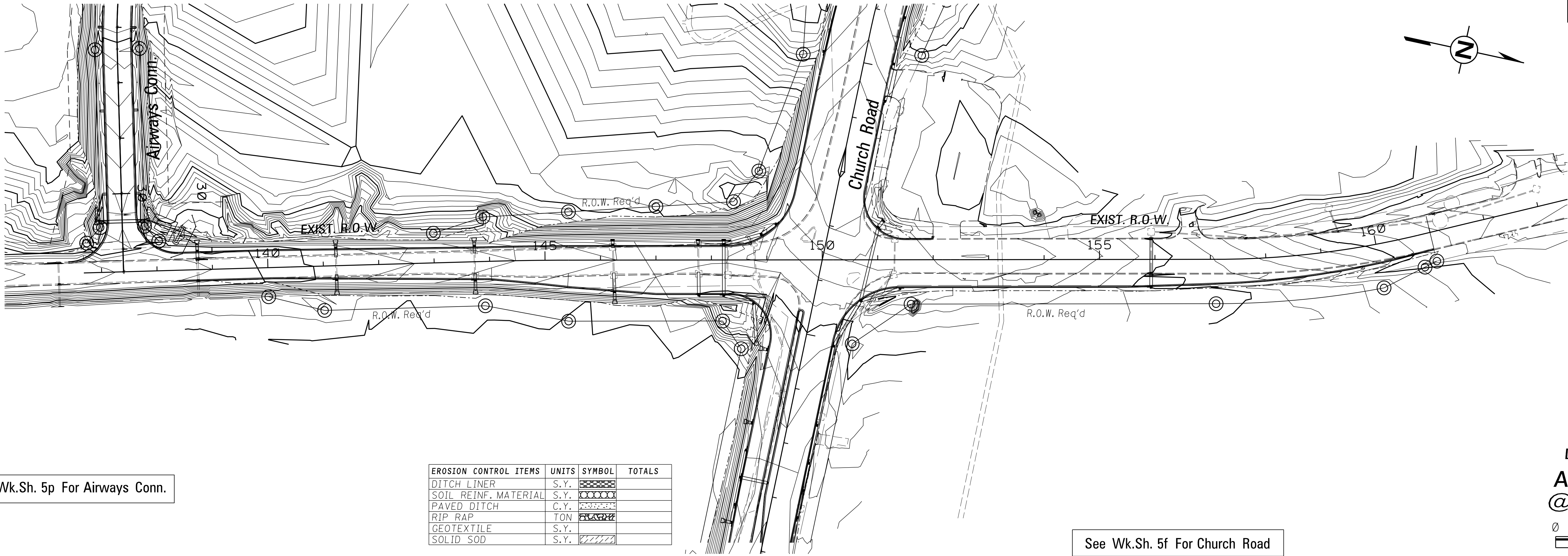
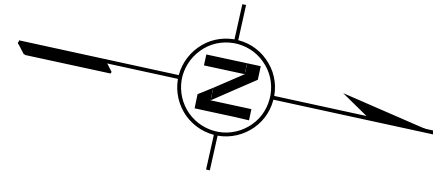
ENGINEER

1201

6/08/2023

STATE OF MISSISSIPPI

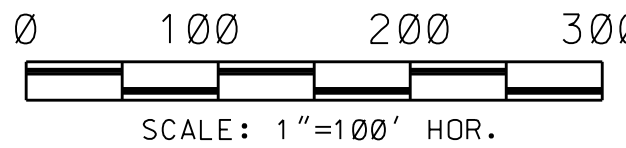
STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



See Wk.Sh. 5p For Airways Conn.

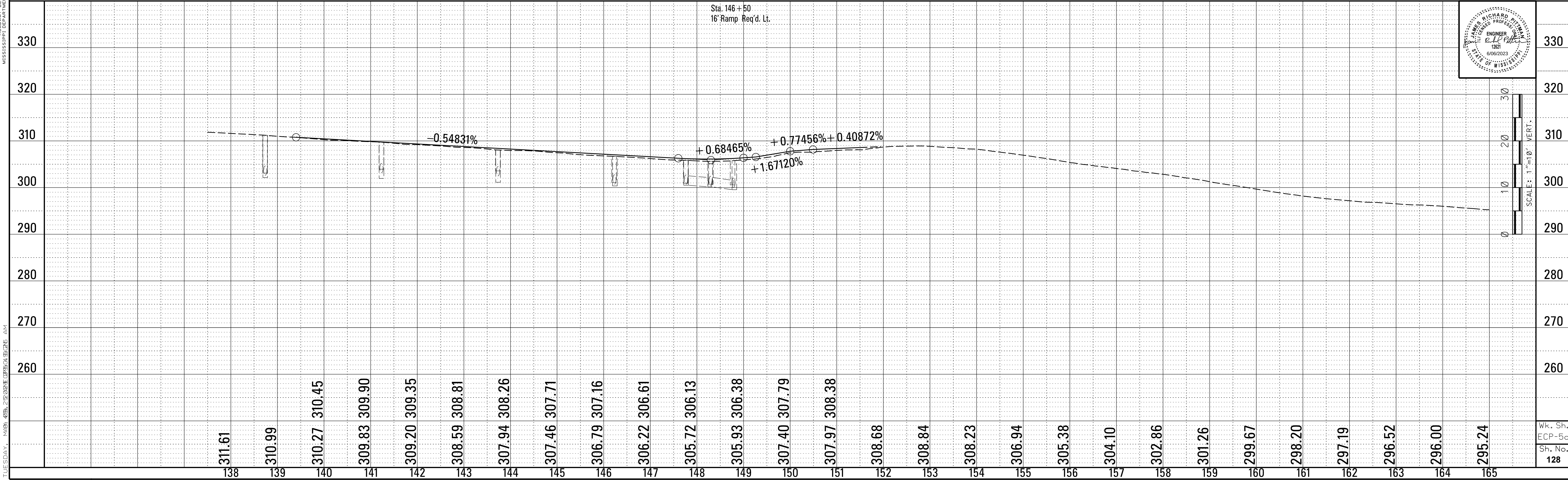
EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

DESIGN SPEED = 30
**AIRWAYS BLVD.
@CHURCH ROAD**



See Wk.Sh. 5f For Church Road

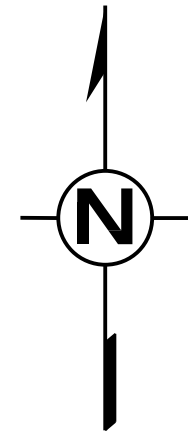
CLARENCE ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

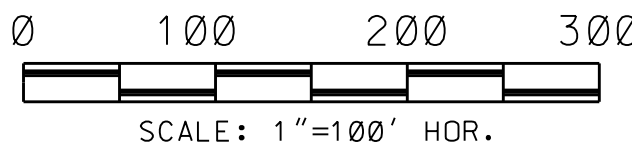
Curve DC2
Δ = 13° 31' 59.994" (RT)
D = 6° 00' 00.000"
L = 225.556'
T = 113.305'
R = 954.930'
BK N 89° 46' 01.990" E
AH N 76° 14' 01.996" E
PC 25+13.773
PT 27+39.329

SUPER EL. N.C. FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2G CASE 1



DESIGN SPEED = 30

AIRWAYS CONNECTOR



Curve DC3
Δ = 28° 38' 52.378" (RT)
D = 7° 09' 43.101"
L = 400.000'
T = 204.273'
R = 800.000'
BK N 7° 58' 20.195" W
AH N 20° 40' 32.183" E
PC 10+07.037
PT 14+07.037

SUPER EL. N.C. FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2G CASE 1

SILT FENCE TYPE "D"
6' x 50'

SILT BASIN TYPE "D"
5' x 35'

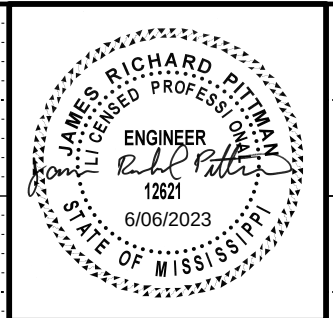
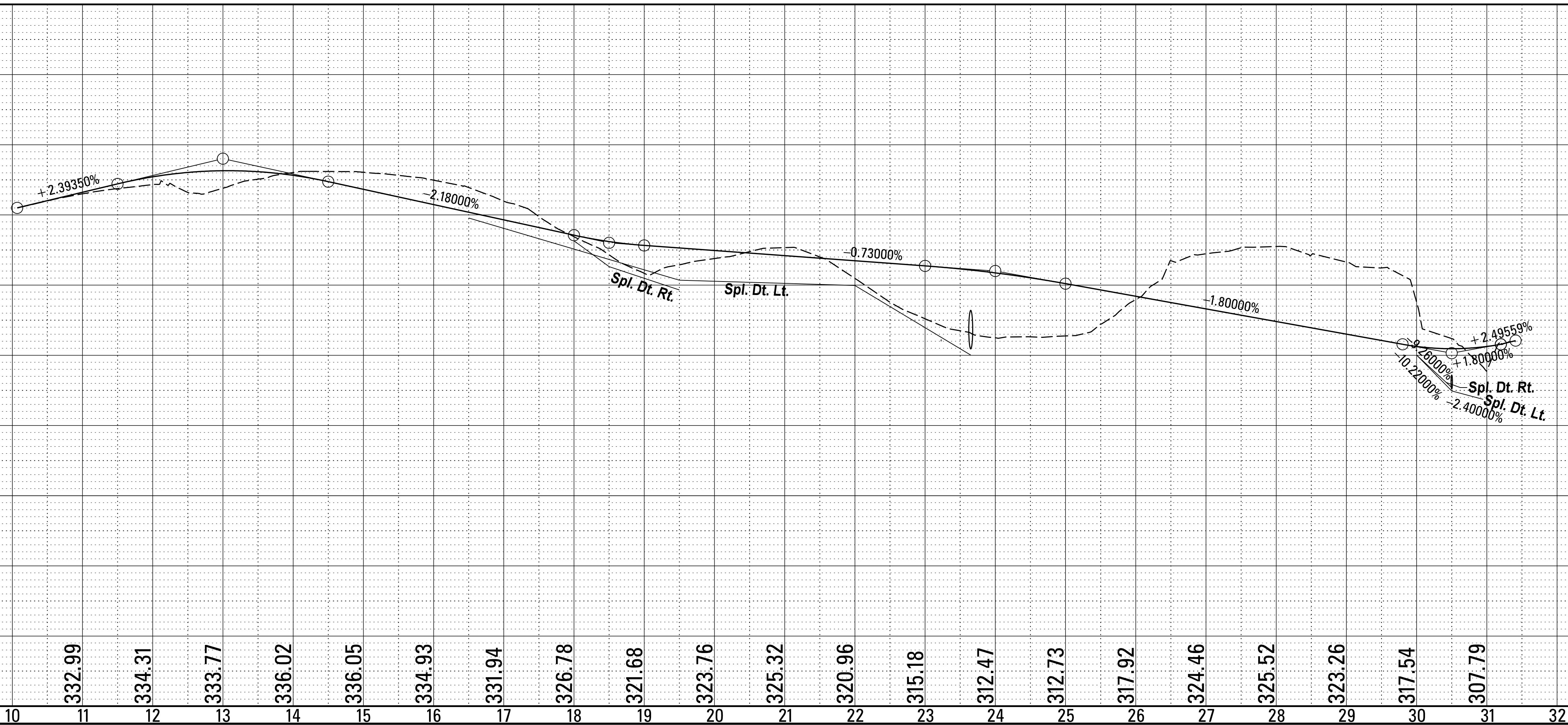
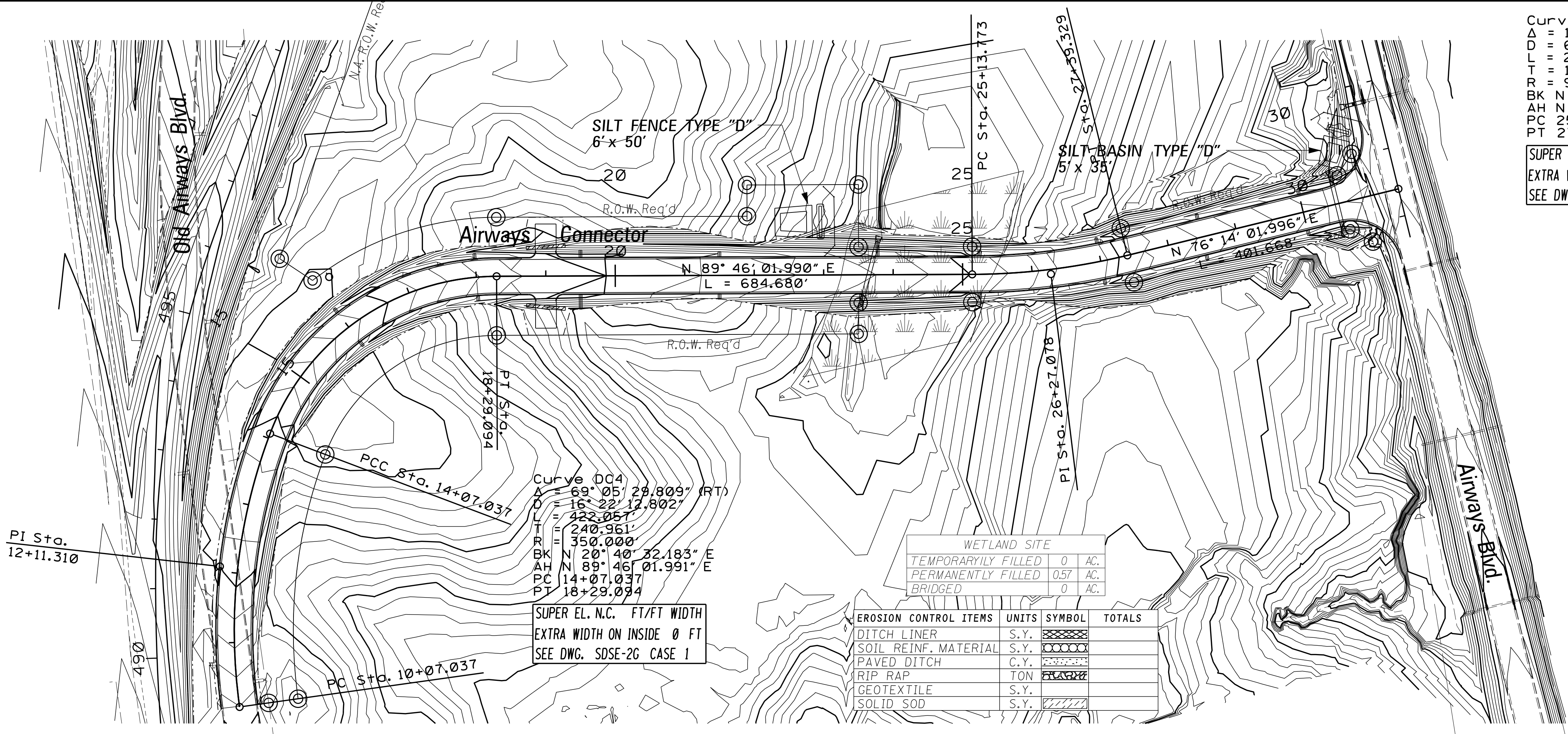
Airways Connector

Curve DC4
Δ = 69° 05' 29.809" (RT)
D = 16° 22' 12.802"
L = 422.057'
T = 240.961'
R = 350.000'
BK N 20° 40' 32.183" E
AH N 89° 46' 01.991" E
PC 14+07.037
PT 18+29.094

SUPER EL. N.C. FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0 FT
SEE DWG. SDSE-2G CASE 1

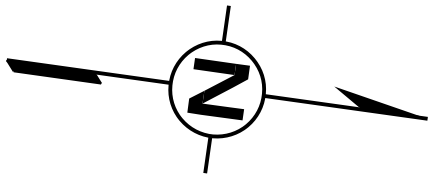
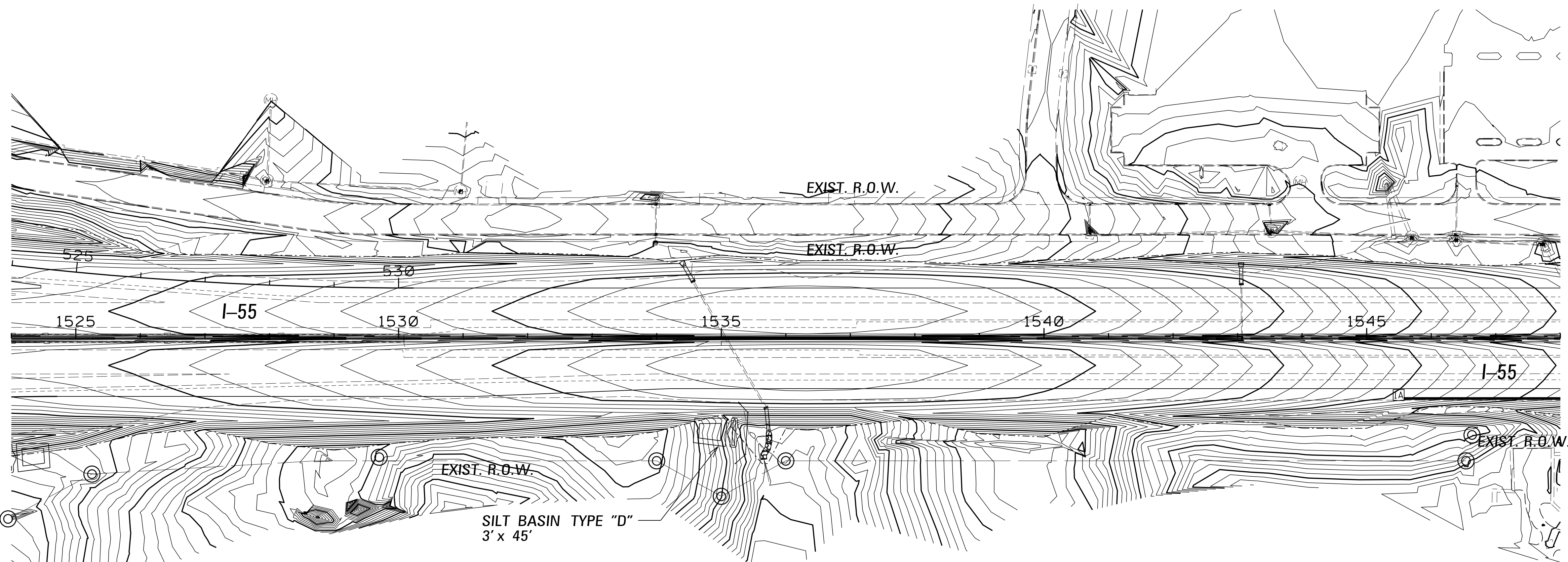
WETLAND SITE		
TEMPORARILY FILLED	0	AC.
PERMANENTLY FILLED	0.57	AC.
BRIDGED	0	AC.

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		



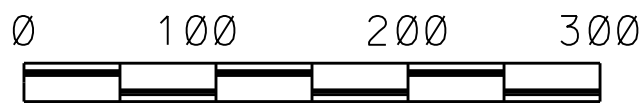
350
340
330
320
310
300
290
280
270
WK. SH. ECP-5P Sh. No. 129

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



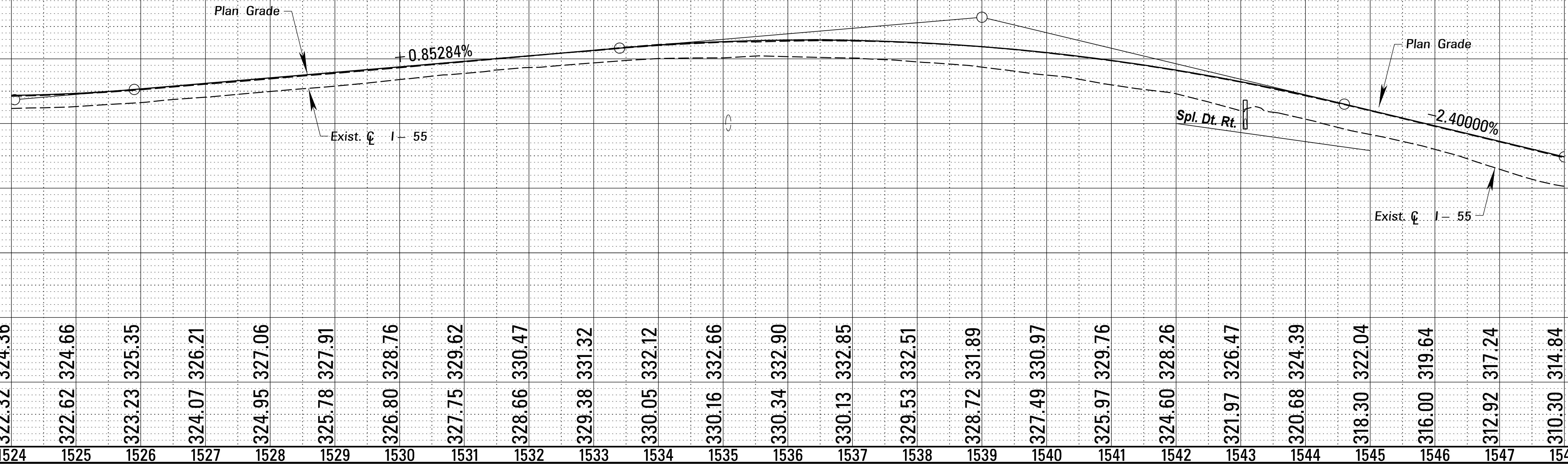
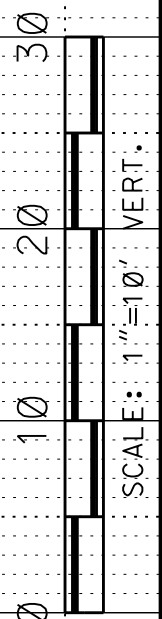
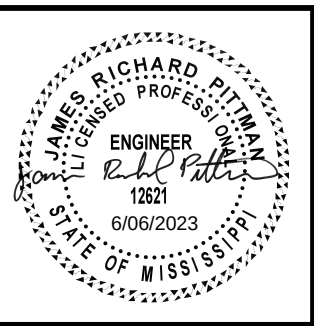
DESIGN SPEED = 70

I-55

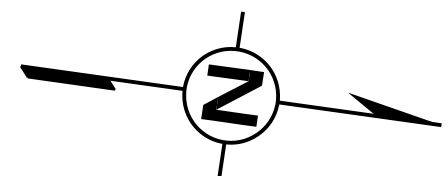


EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

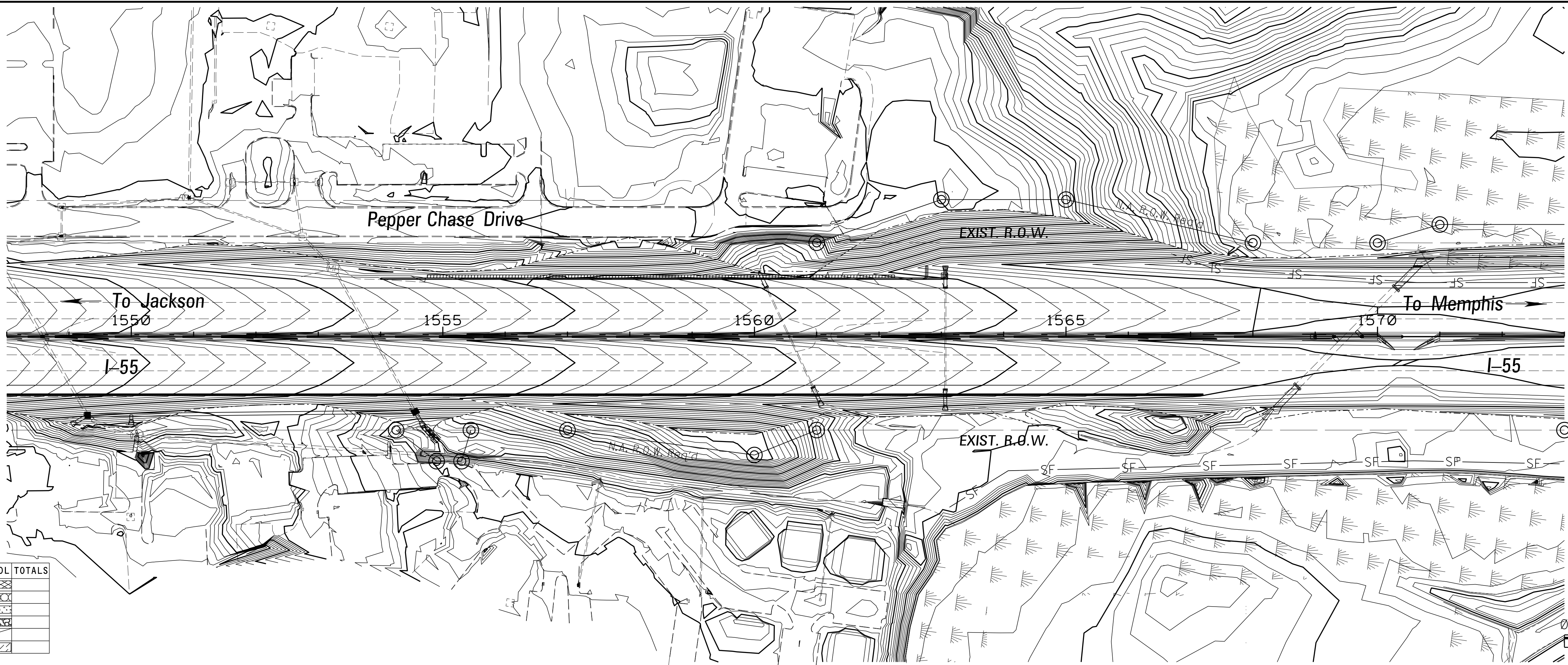
PLAN DATE: 03/11/2021
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



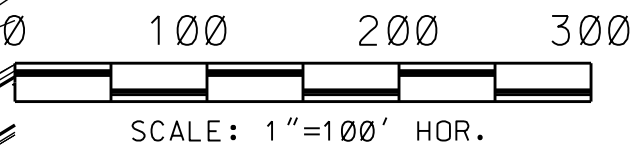
WETLAND SITE		
TEMPORARILY FILLED	0	AC.
PERMANENTLY FILLED	0.20	AC.
BRIDGED	0	AC.



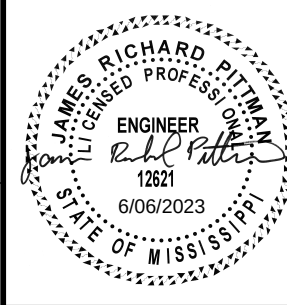
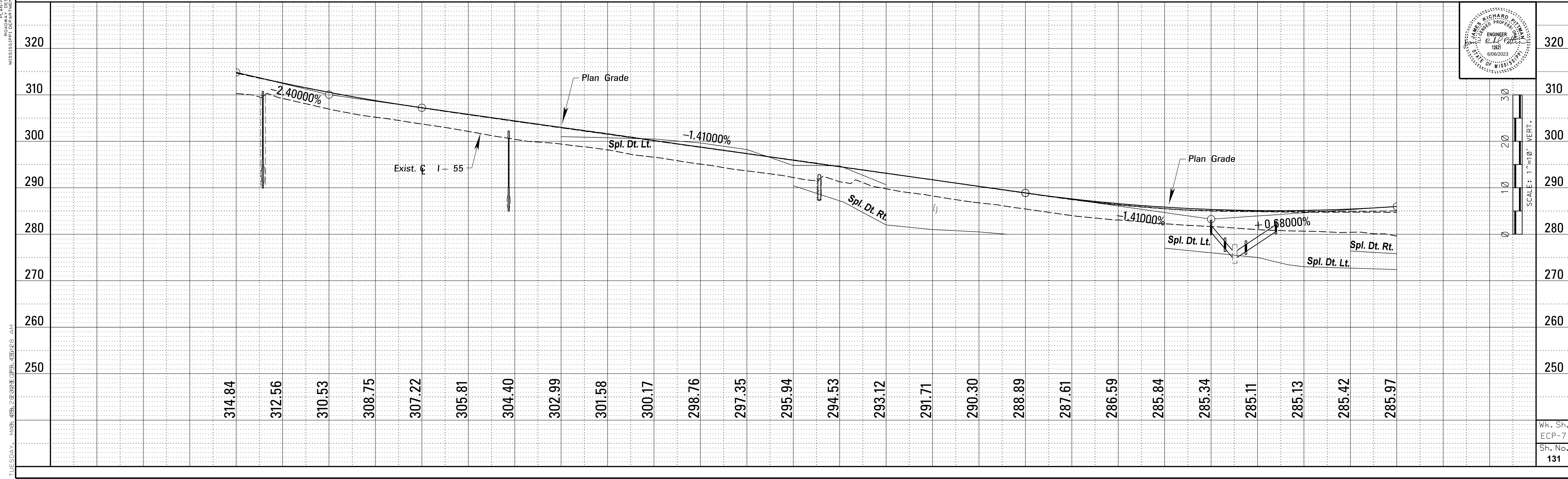
PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIPRAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

DESIGN SPEED = 70

I-55

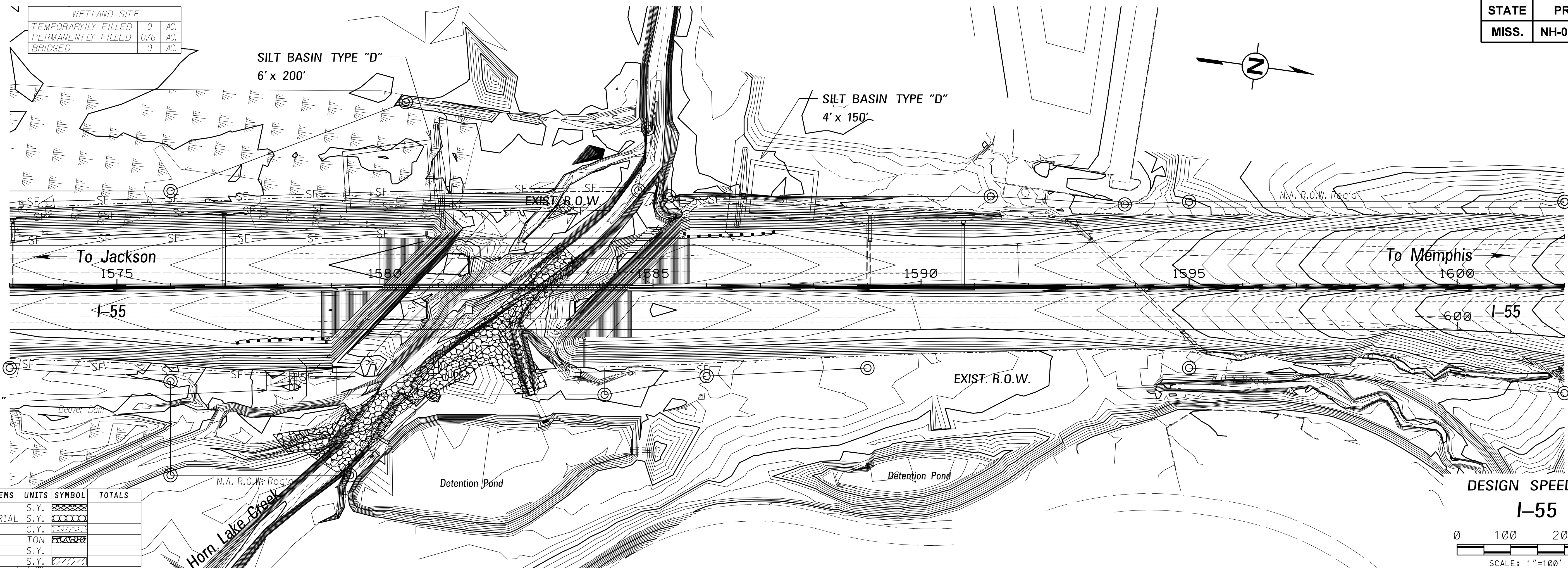


CLARK COUNTY
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

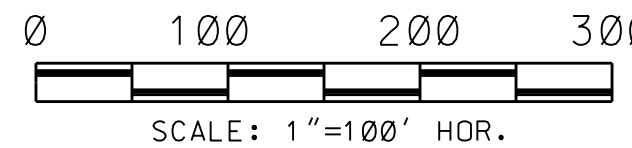


TUESDAY, MAR 28 2:02 PM CDT 2023 4:08:28 AM

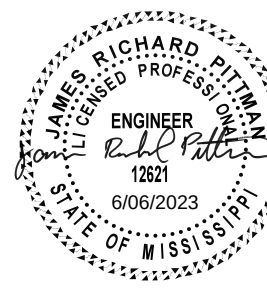
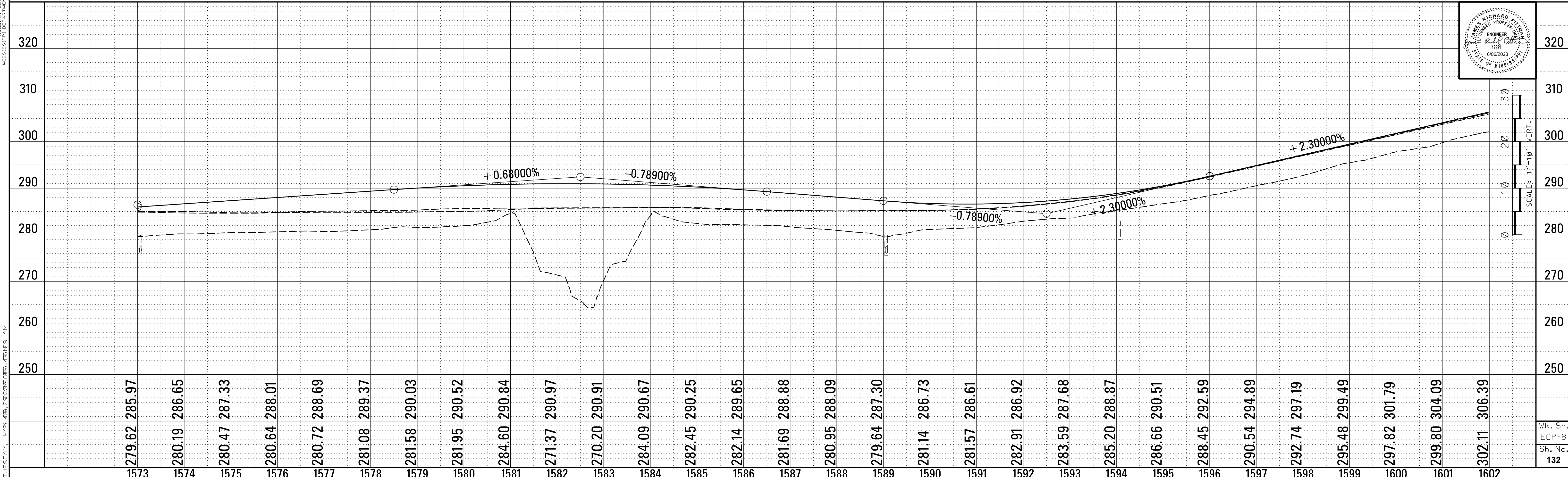
STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	



CLARK COUNTY ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



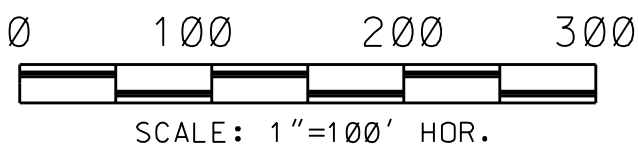
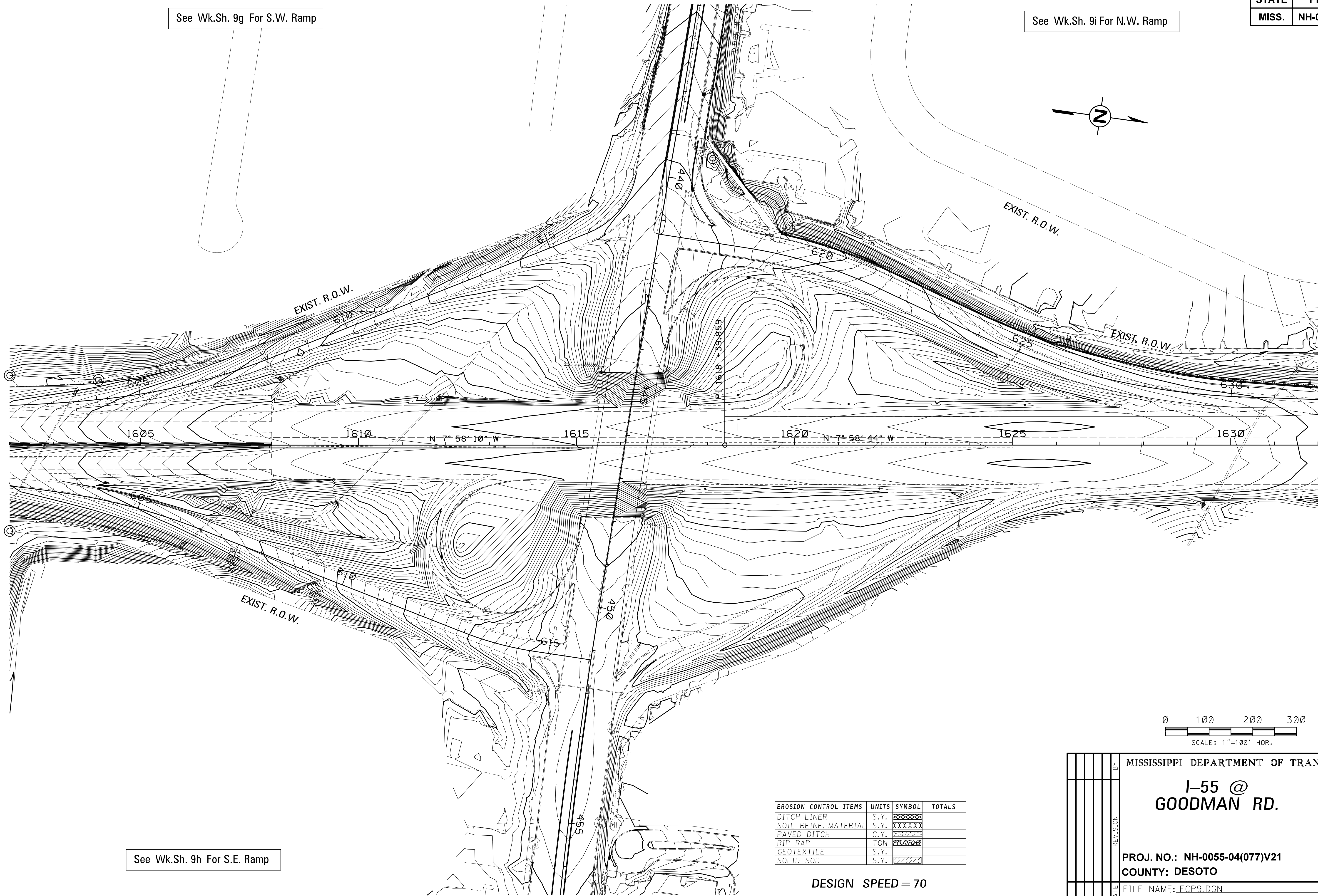
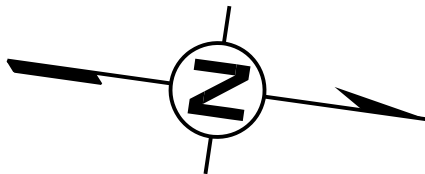
TUESDAY, MAR 28 2:02PM CDT, 2023

Wk. Sh. ECP-8
Sh. No. 132

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

See Wk.Sh. 9g For S.W. Ramp

See Wk.Sh. 9i For N.W. Ramp



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

DESIGN SPEED = 70

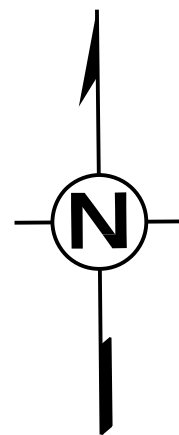
See Wk.Sh. 9h For S.E. Ramp

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
I-55 @ GOODMAN RD.	
PROJ. NO.: NH-0055-04(077)V21 COUNTY: DESOTO	
FILE NAME: ECP9.DGN	
DESIGN TEAM	HDR
CHECKED	DATE

REVISION	BY

WORKING NUMBER
ECP-9
SHEET NUMBER
134

STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



EXIST. R.O.W.

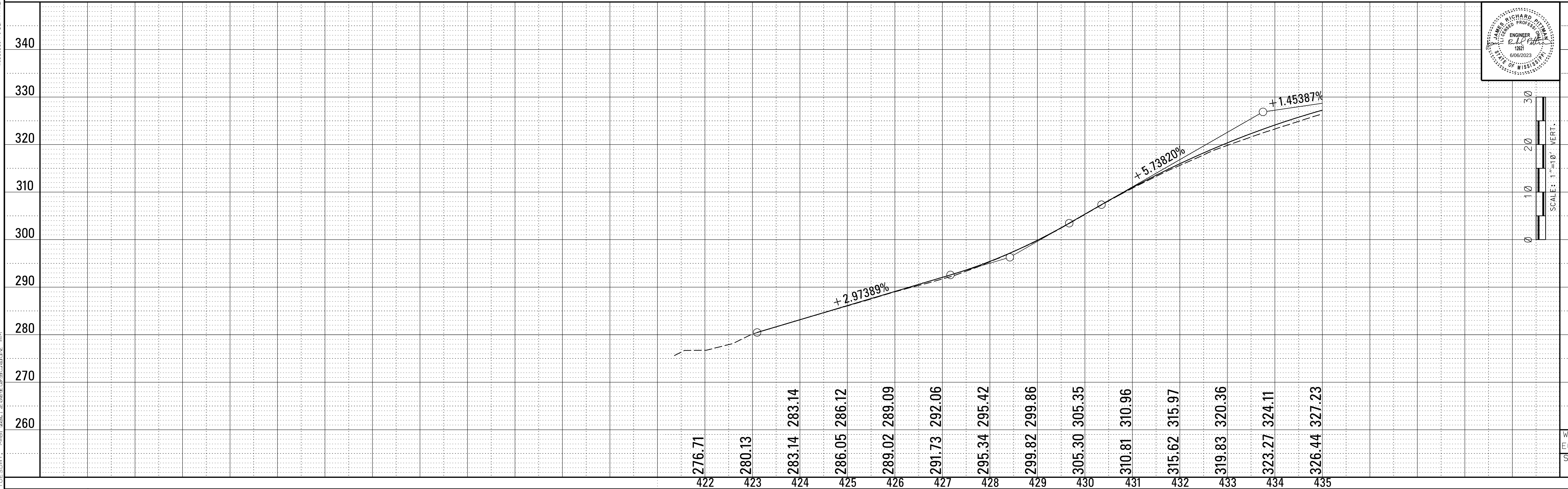
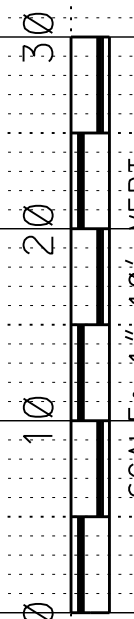
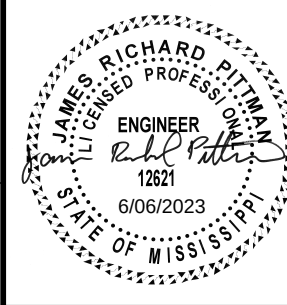
EXIST. R.O.W.

EXIST. R.O.W.

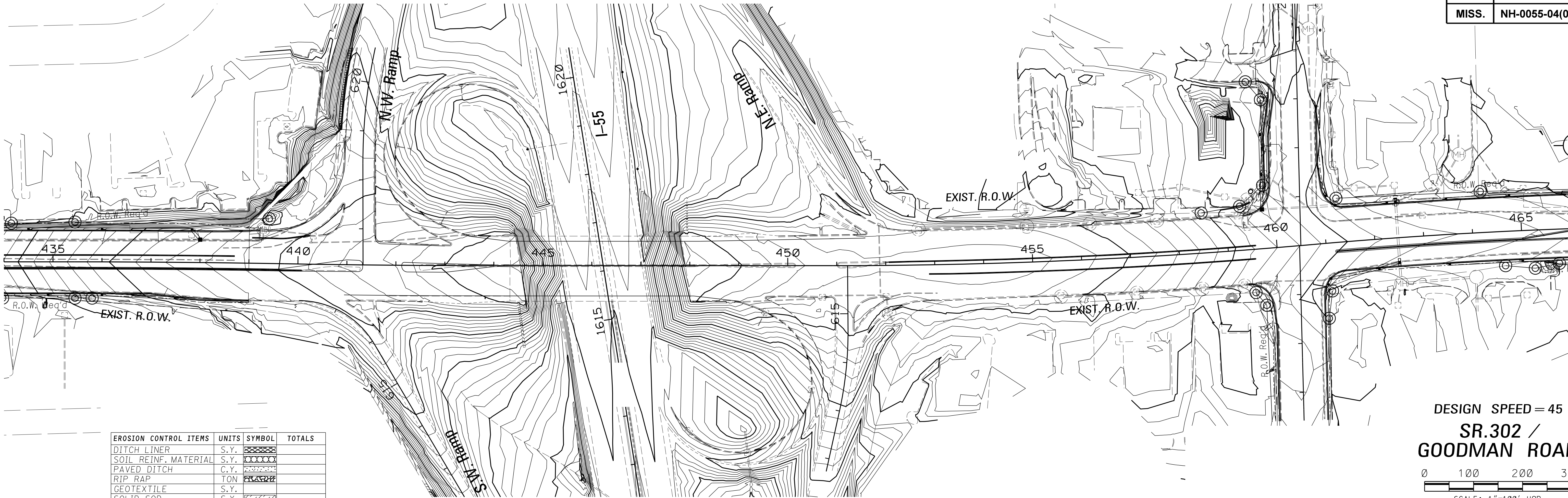
EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

DESIGN SPEED = 45

SR.302 /
GOODMAN ROAD

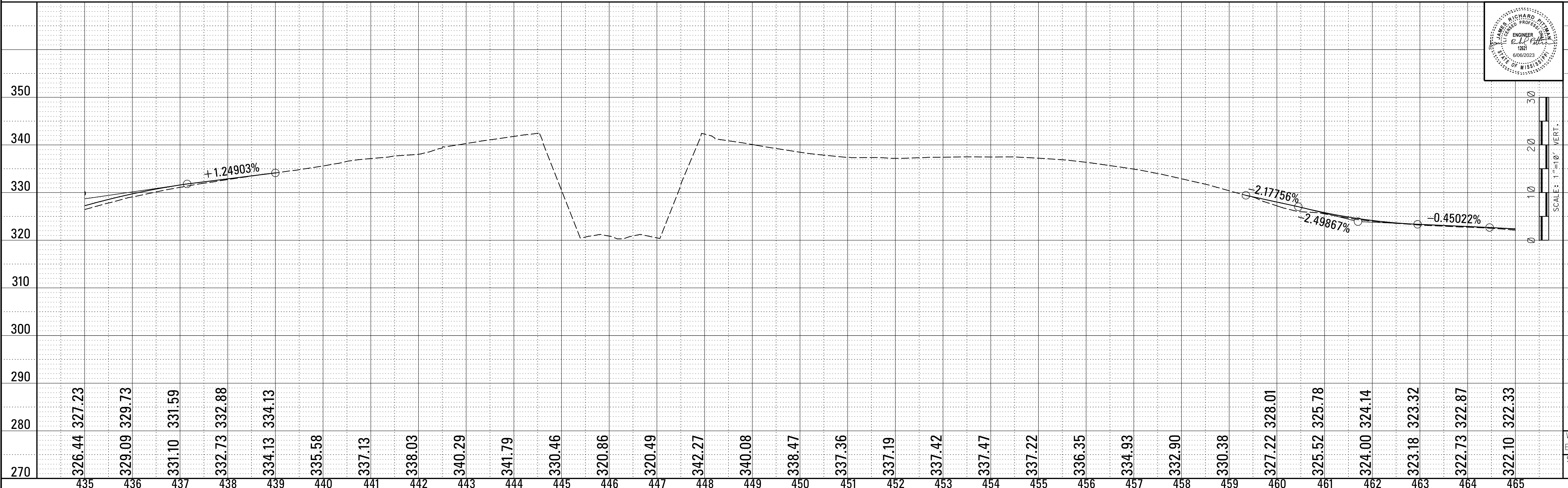
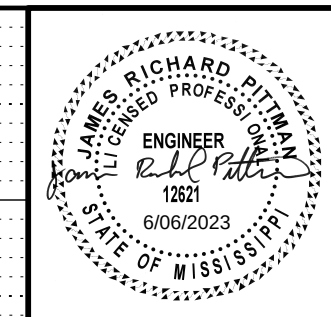
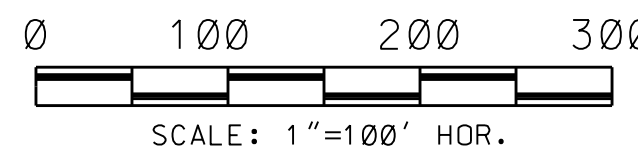


STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

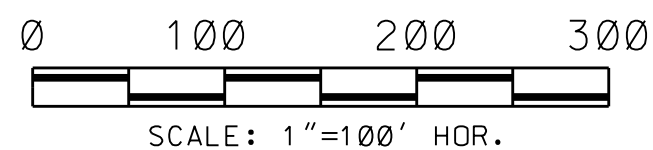
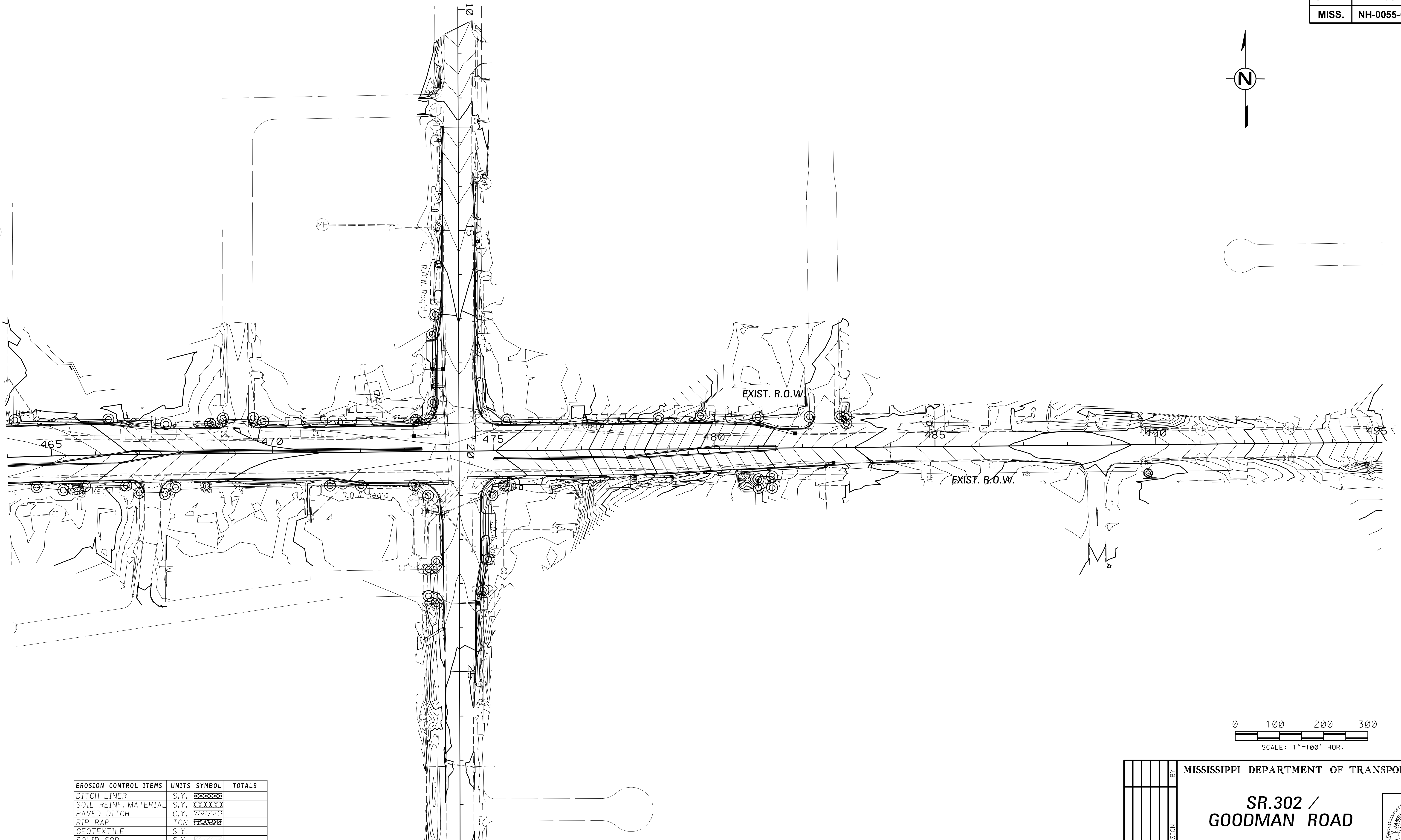
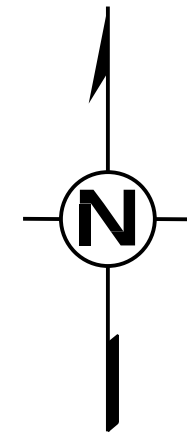


DESIGN SPEED = 45

SR.302 /
GOODMAN ROAD



STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

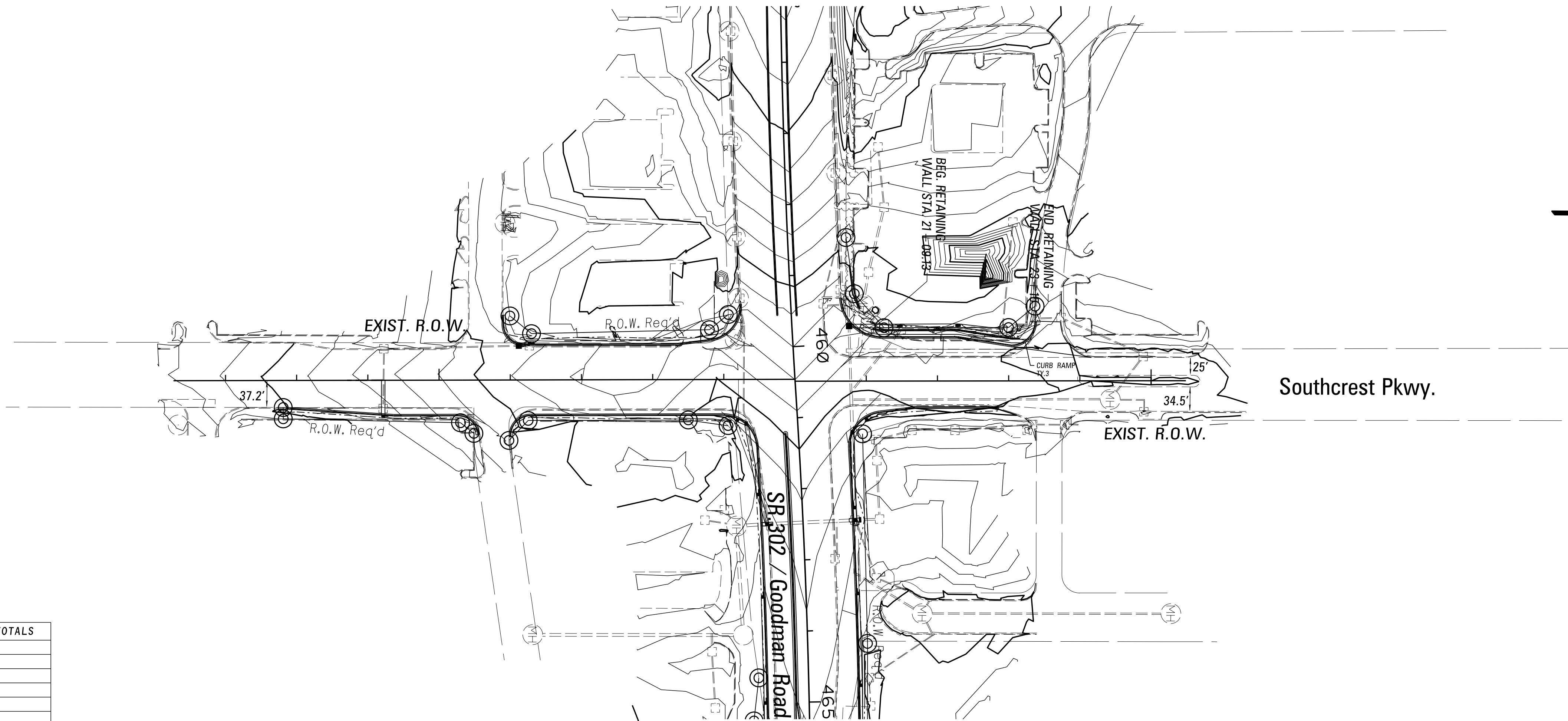
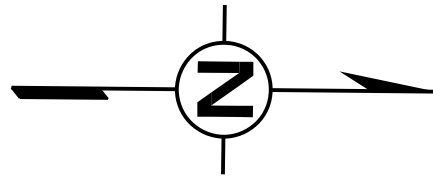
DESIGN SPEED = 45

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		SR.302 / GOODMAN ROAD	
		PROJ. NO.: NH-0055-04(077)V21 COUNTY: DESOTO	
		FILE NAME: ECP9E.DGN	
		DESIGN TEAM HDR CHECKED DATE	
		WORKING NUMBER ECP-9E SHEET NUMBER 137	



STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21

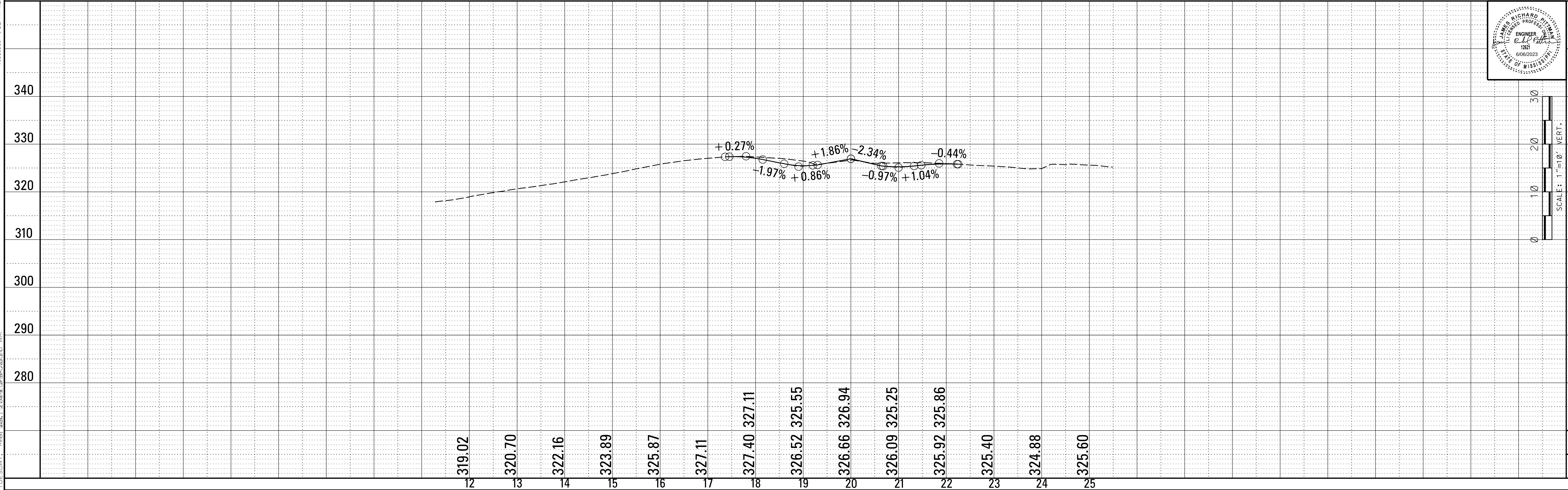
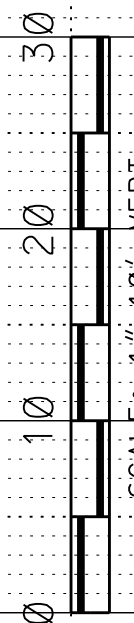
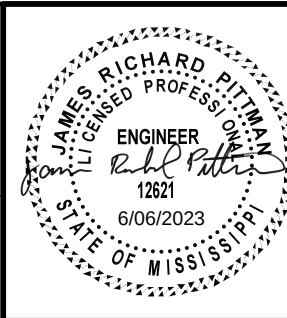
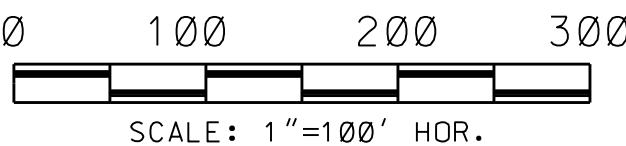
*TIE TO EXISTING ROW



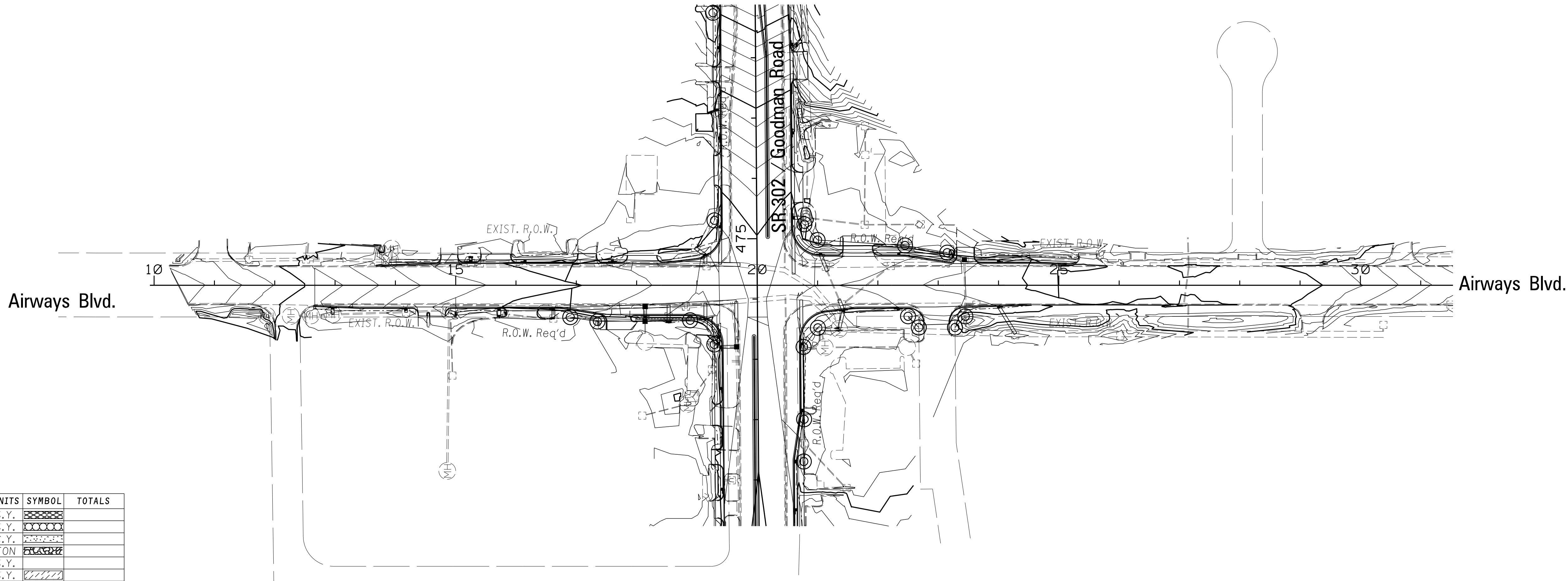
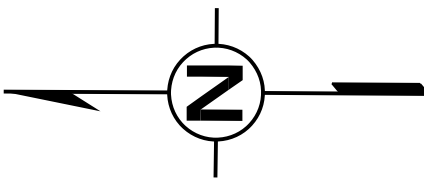
EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

DESIGN SPEED = 30

**SOUTHCREST PKWY.
@GOODMAN ROAD**

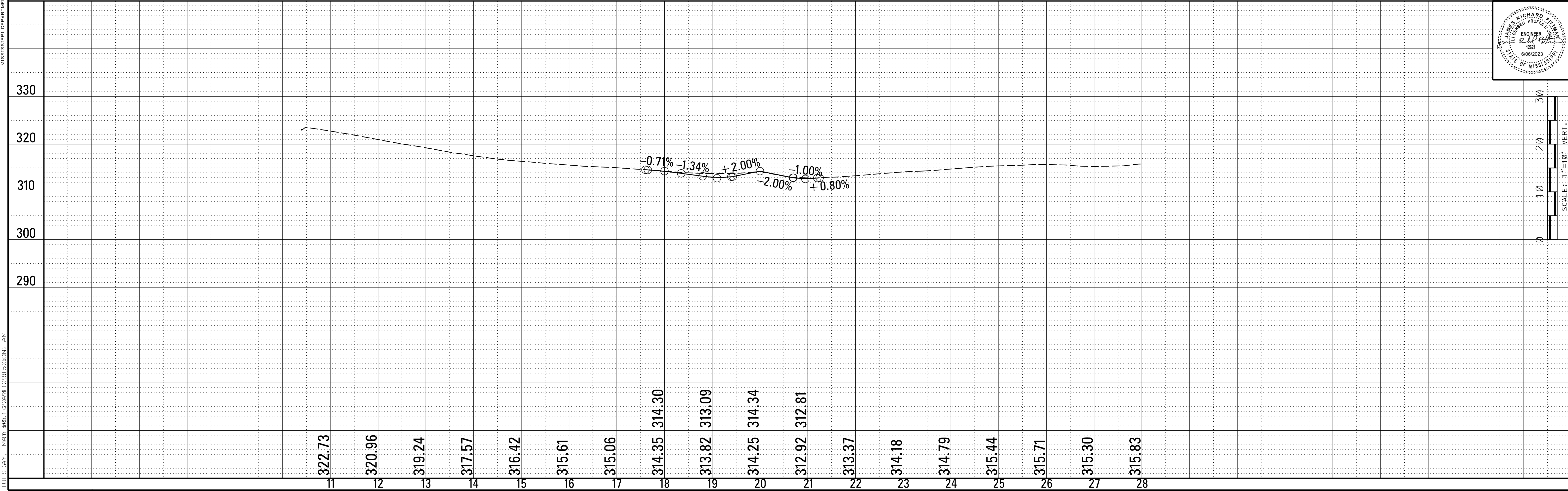
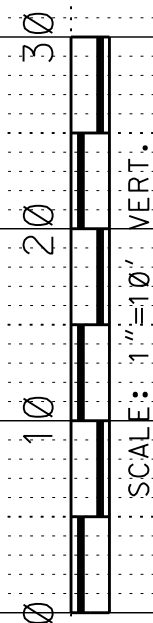
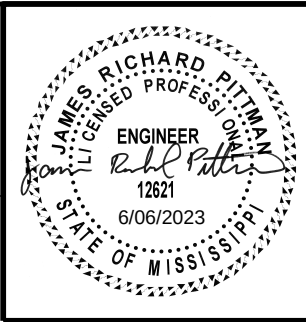
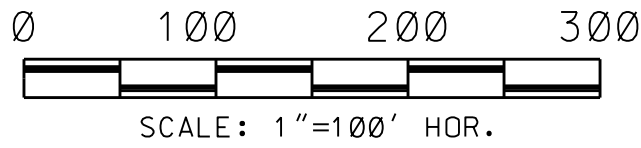


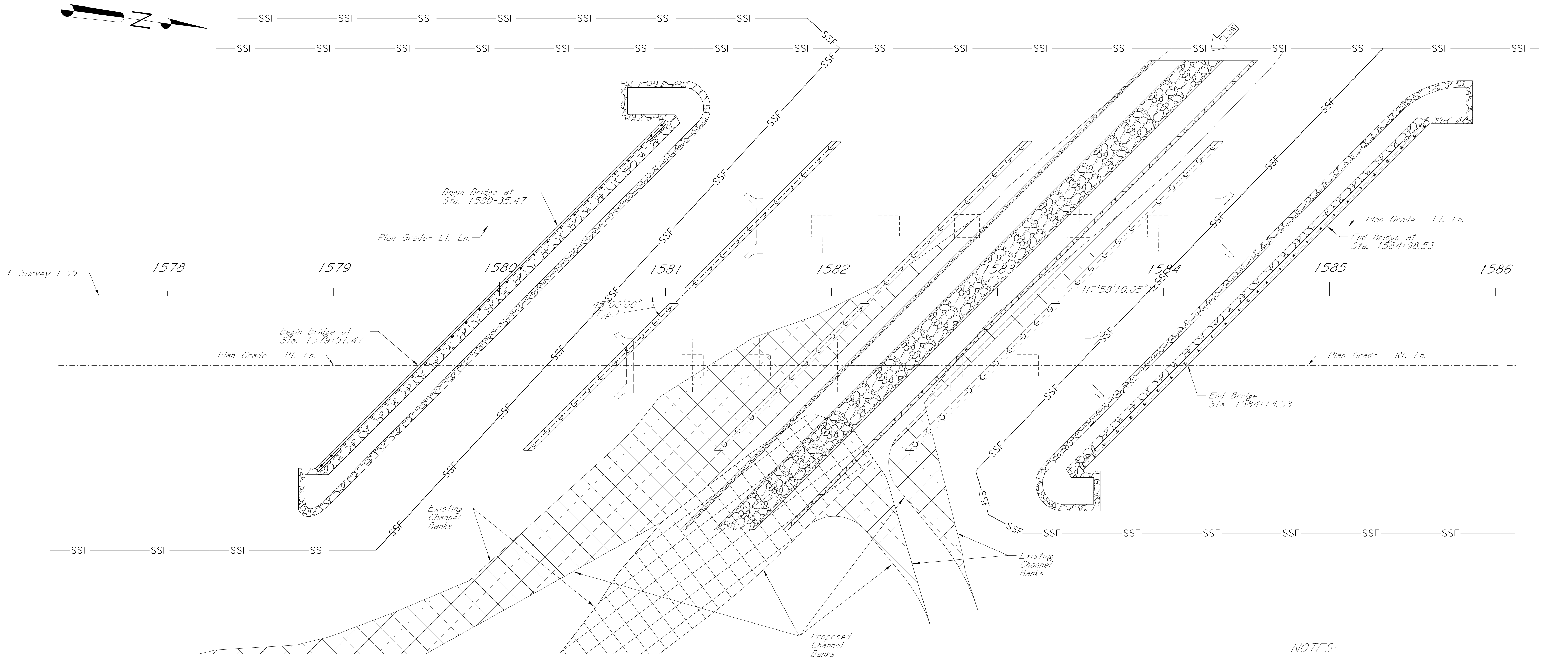
STATE	PROJECT NO.
MISS.	NH-0055-04(077)V21



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	

DESIGN SPEED = 30
**AIRWAYS BLVD. @
GOODMAN ROAD**

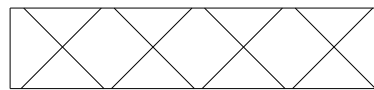




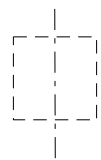
FOUNDATION PLAN
Scale: 1" = 30'-0"

- NOTES:
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.

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



Channel Improvements

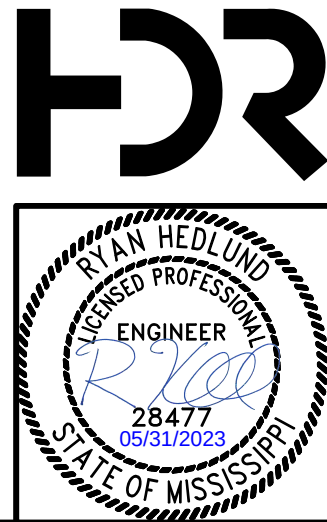


Denotes Existing Bridge Substructure

NOTES:

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

Existing structures shall be removed. Payment will
be made under pay item no. 202-BQ23, "Removal
of Bridge Materials and Structures" (see Roadway
plans for quantities).



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 1580+35.47 LT. LN.
BRIDGE AT STA. 1579+51.47 RT. LN.
I-55 OVER HORN LAKE CREEK

EROSION CONTROL PLAN

FMS: 100222/303000
COUNTY: DESOTO
PROJECT NUMBER: NH-0055-04(077)V21

DESIGNER: J. Daniel
DETAILER: K. Nelson
CHECKER: C. Bearden
ISSUE DATE: 04/21/2023
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH NEW, P.E.

WORKING NUMBER
A43 OF 43
SHEET NUMBER
8046