

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. <u> 1 </u>	DATED <u> 7/21/2021 </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>

Number	Description
1	Revised NTB No. 3502; Revised Bid Items; Revised Progress Schedule; Revised Plan Sheet Nos. 2, 3,5, 6, 7, 8, 13 & 17; Amendment EBSx Download Required.

TOTAL ADDENDA: 1
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President Address

Secretary Address

Treasurer Address

The following is my (our) itemized proposal.

BR-0009-01(132)/ 107176301000

Wilkinson County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3502

DATE: 07/21/2021

SUBJECT: Specialty Items

PROJECT: BR-0009-01(132)/107176301 - WILKINSON

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

CATEGORY: EROSION CONTROL

Line No	Pay Item	Description
0080	213-C001	Superphosphate
0092	216-A001	Solid Sodding
0100	217-A001	Ditch Liner
0102	219-A001	Watering
0104	220-A001	Insect Pest Control
0120	223-A001	Mowing
0130	225-A001	Grassing
0132	225-B001	Agricultural Limestone
0134	225-C001	Mulch, Vegetative Mulch
0140	226-A001	Temporary Grassing
0150	229-A001	Erosion Mat
0160	234-A001	Temporary Silt Fence
0170	234-F001	Turbidity Barrier
0180	237-A002	Wattles, 20"
0190	246-B002	Rockbags
0200	249-A001	Riprap for Erosion Control

CATEGORY: SURVEY AND STAKING

Line No	Pay Item	Description
0290	699-A001	Roadway Construction Stakes

CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0250	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0260	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0270	619-G4005	Barricades, Type III, Single Faced

Bank Stabilization on US 61 at the Buffalo River, known as Federal Aid Project No. BR-0009-01(132) / 107176301 in Wilkinson County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
				Roadway Items	
0010	201-B001		3	Acre	Clearing and Grubbing
0020	201-C001		8	Station	Random Clearing and Grubbing (CLEARING AND SNAGGING)
0030	201-C002		1	Acre	Random Clearing and Grubbing (STREAM BANK CLEARING)
0040	202-A001		1	Lump Sum	Removal of Obstructions (EXISTING JETTY)
0050	202-B052		135	Square Yard	Removal of Concrete Driveways, All Depths
0060	202-B063		169	Square Yard	Removal of Concrete Paved Ditch
0072	203-A001	(E)	2,655	Cubic Yard	Unclassified Excavation, FM, AH
0074	203-G001	(E)	5,548	Cubic Yard	Excess Excavation, FM, AH
0080	213-C001		2	Ton	Superphosphate
0092	216-A001		50	Square Yard	Solid Sodding
0100	217-A001		222	Square Yard	Ditch Liner
0102	219-A001		9	Thousand Gallon	Watering [\$20.00]
0104	220-A001		3	Acre	Insect Pest Control [\$30.00]
0120	223-A001		3	Acre	Mowing [\$50.00]
0130	225-A001		3	Acre	Grassing
0132	225-B001		2	Ton	Agricultural Limestone
0134	225-C001		6	Ton	Mulch, Vegetative Mulch
0140	226-A001		3	Acre	Temporary Grassing
0150	229-A001		489	Square Yard	Erosion Mat
0160	234-A001		2,669	Linear Feet	Temporary Silt Fence
0170	234-F001		187	Linear Feet	Turbidity Barrier
0180	237-A002		2,400	Linear Feet	Wattles, 20"
0190	246-B002		500	Linear Feet	Rockbags
0200	249-A001		1	Ton	Riprap for Erosion Control
0210	614-B003	(S)	135	Square Yard	Concrete Driveway, With Reinforcement, 6-inch Thickness
0220	617-A001		3	Each	Right-of-Way Marker
0230	617-B001		3	Each	Permanent Easement Marker
0240	618-A001		1	Lump Sum	Maintenance of Traffic
0250	619-D1001		32	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0260	619-D2001		192	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0270	619-G4005		48	Linear Feet	Barricades, Type III, Single Faced
0280	620-A001		1	Lump Sum	Mobilization
0290	699-A001		1	Lump Sum	Roadway Construction Stakes

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0300	815-A009	(S)	11,917	Ton	Loose Riprap, Size 500
0310	815-D001	(S)	115	Cubic Yard	Concrete Slope Paving
0320	815-E001	(S)	3,565	Square Yard	Geotextile under Riprap
0330	907-276-A001	(E)	484	Cubic Yard	Excavation for Stone Dike and Tiebacks, AEA AH
0340	907-832-PP004		1,133	Square Yard	Bridge Concrete Mat
ALTERNATE GROUP AA NUMBER 1					
0350	304-F001	(GT)	1,844	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
0360	304-F002	(GT)	1,844	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
0370	304-F003	(GT)	1,844	Ton	Size 825B Crushed Stone Base

STATE	PROJECT NO.
MISS.	BR-0009-01(132)

ADDENDUM

DESCRIPTION OF SHEET

TITLE SHEET (1)

DETAILED INDEX AND GENERAL NOTES (2)

DETAILED INDEX
GENERAL NOTES

TYPICAL SECTION SHEETS (2)

TYPICAL SECTION - LFSTP
TYPICAL SECTION - SANDY CREEK

QUANTITY SHEETS (4)

SUMMARY OF QUANTITIES
EARTHWORK, REMOVAL ITEMS, DRIVEWAYS
EROSION CONTROL ITEMS
SUMMARY OF TRAFFIC CONTROL ITEMS

PLAN & PROFILE SHEETS (4)

OVERALL SITE PLAN
ACCESS & ROW PLAN
PLAN /PROFILE - LFSTP
PLAN /PROFILE - SANDY CREEK

SPECIAL DESIGN SHEETS (5)

DETAIL OF CONSTRUCTION SIGNING
RIPARIAN BUFFER
EROSION CONTROL PLAN - LFSTP
EROSION CONTROL PLAN - SANDY CREEK
VEGETATION SCHEDULE

RIGHT-OF-WAY SHEETS (1)

RIGHT-OF-WAY MARKERS

DESCRIPTION OF SHEET

ROADWAY DESIGN STANDARD DRAWINGS (27)

TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS
DETAILS OF SEDIMENT BARRIER APPLICATIONS
DETAILS OF SILT FENCE INSTALLATION
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL
MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK
ROCK DITCH CHECK
ROCK FILTER DAM
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS
INLET PROTECTION DETAILS OF WATTLES
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE
INLET PROTECTION DETAILS OF SAND BAG
STABILIZED CONSTRUCTION ENTRANCE
TEMPORARY CULVERT STREAM CROSSING
TEMPORARY STREAM DIVERSION
TEMPORARY STREAM DIVERSION (BOX EXTENSION)
FLOATING TURBIDITY CURTAIN
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
SEDIMENT RETENTION BARRIER
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE
OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE
OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
RIGHT-OF-WAY MARKER

WKG. NO. SH. NO.

1

DI-1
GN-1

2
3

TS-1
TS-2

4
5

SO-BR-1
EO-1
EO-2
EO-3

6
7
8
9

WK-3
WK-4
WK-5
WK-6

10
11
12
13

DCS-1
RB-1
ECP-5
ECP-6
VS-1

14
15
16
17
18

RM-1

19

WKG. NO. SH. NO.

ECD-1
ECD-2
ECD-3
ECD-4
ECD-5

ECD-6
ECD-7
ECD-8
ECD-9
ECD-10
ECD-11
ECD-12
ECD-13
ECD-14
ECD-15
ECD-16
ECD-17
ECD-18
ECD-19
ECD-20
ECD-21
ECD-22
TCP-4

6101
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6112
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6122
6351

TCP-5

6352

TCP-8
TCP-16
RW-1

6353
6354
6401

AS BUILT BRIDGE DESIGN SHEETS (22)

BRIDGE DESIGN SHEETS (1-22)

CROSS SECTIONS (11)

LONGITUDINAL STONE FILL TOE PROTECTION
SANDY CREEK

8001 - 8022

XS-1 - XS-6
XS-7 - XS-11

9001 - 9006
9007 - 9011

TOTAL SHEETS = 79

PS & E PLANS-DATE: 3/17/2021	
FMS CON. = 107176 / 301000	
REVISIONS	
DATE	SHEET NO. BY
07/15/21	3, 5, 6, 7, 8, 13, 17 CAL

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

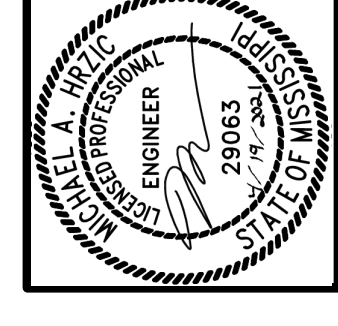
DETAILED INDEX

PROJECT NO. BR-0009-01(132)
COUNTY : WILKINSON

WORKING NUMBER
DI-1

FILENAME: di_sh.dgn
DESIGN TEAM : HNTB CORP. CHECKED : MKP DATE : 05-21-2020

SHEET NUMBER
2



GENERAL NOTES

ADDENDUM

- ① THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART 6 OF THE MUTCD (LATEST EDITION).
- ③ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ④ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR ESTIMATING PURPOSES ONLY.
- ⑤ THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑥ VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACK FILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ⑦ UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- ⑧ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- ⑨ IF WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS, NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- ⑩ WIRE FENCE BACKING REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- ⑪ LIST OF PUBLIC UTILITIES
 - A. A T & T
 - TERRY ALLEN (601)833-0767
 - B. BUFFALO WATER ASSOCIATION
 - WALLY CAVIN (601)431-0550
 - C. SOUTHWEST MS EPA
 - ELLIOT STEBBINS (601)437-1343
- ⑫ FLOURESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ⑬ THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- ⑭ THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- ⑮ ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑯ THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT-OF-WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- ⑰ THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- ⑱ ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- ⑲ IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
- ⑳ ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDERS RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- ㉑ FOR CLEARING LIMITS ADJACENT TO SANDY CREEK AT STATIONS 20+00.00 TO 26+76.34 AND BUFFALO RIVER AT STATIONS 3+73.00 TO 10+82.00, SEE WORKING SHEET NUMBER RB-1. THE CLEARING LIMITS SHOWN ON THIS SHEET ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- ㉒ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.

BRIDGE CONCRETE MAT NOTES:

- A) BRIDGE CONCRETE MAT SHALL BE USED FOR EROSION AND SCOUR PREVENTION FOR THE SLOPES AND LOCATIONS SHOWN IN THE PLANS. BRIDGE CONCRETE MATS SHALL BE ONE OF THE FOLLOWING:
 - ARMORFLEX
 - CONTECH ENGINEERING SOLUTIONS
 - 9025 CENTRE POINTE DRIVE
 - WEST CHESTER, OH 45069
 - PHONE: 513-645-7000
 - HTTP://WWW.CONTECHES.COM/PRODUCTS/EROSION-CONTROL/HARD-ARMOR/ARMORFLEX
 - SHOREBLOCK BD
 - SHORETEC, LLC
 - 5102 GALVESTON ROAD
 - HOUSTON, TX 77017
 - PHONE: 713-641-2727
 - WWW.SHORETEC.COM/SHOREBLOCK-BD.PHP
 - CABLE CONCRETE
 - INTERNATIONAL EROSION CONTROL SYSTEM INC.
 - 22295 HOSKINS LINE
 - RODNEY, ONTARIO
 - CANADA, N0L 2C0
 - PHONE: 800-821-7462
 - WWW.IECS.COM/CABLE-CONCRETE/
- B) THE MAT SHALL BE VISUALLY INSPECTED AND APPROVED BY THE PROJECT ENGINEER PRIOR TO USE. ONCE APPROVED BY THE ENGINEER, THE MAT MAY BE INCORPORATED INTO THE WORK.
- C) BRIDGE CONCRETE MATS SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS AND MANUFACTURER'S GUIDELINES INCLUDING ANY UNDERLAYMENT. THE ANCHOR SYSTEM SHALL BE SUFFICIENT TO ANCHOR THE MAT TO THE GROUND SURFACE. THE INSTALLATION AREA SHALL BE GRADED TO A LEVEL, SMOOTH SURFACE TO AVOID WATER CONCENTRATION AND TO CREATE AN APPROPRIATE BASE FOR THE CONCRETE MAT. GRASSING SHALL BE PLACED AT THE DIRECTION OF THE ENGINEER.
- ΔD) BRIDGE CONCRETE MAT SHALL BE OPEN CELL, MINIMUM 45 PSF, FILLED WITH CRUSHED STONE.
- E) A REPRESENTATIVE FROM THE BRIDGE CONCRETE MAT MANUFACTURER SHALL BE PRESENT FOR SUFFICIENT TIME TO ASSURE THAT THE CONTRACTOR IS PROPERLY SCHOOLED IN THE INSTALLATION.
- F) BRIDGE CONCRETE MAT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD. THE PRICE SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, UNDERLAYMENT, ANCHOR SYSTEM, CONCRETE, AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK. GRASSING WILL BE MEASURED AND PAID UNDER THE APPROPRIATE PAY ITEMS.

- ㉓ THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- ㉔ NO TEMPORARY CULVERT STREAM CROSSING WILL BE ALLOWED (ACROSS BUFFALO RIVER) FOR THE SITE AT STATION 467+14.94 (LFSTP). TEMPORARY CULVERT STREAM CROSSINGS WILL BE PERMITTED AT THE REMAINING LOCATION (SANDY CREEK).

DATE	REVISION	BY
07/15/21	REVISED NOTE	

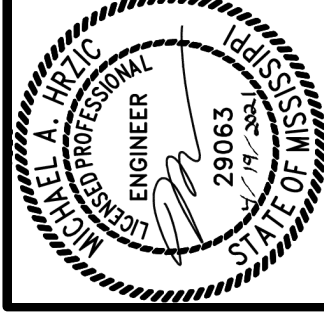
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
GENERAL NOTES

PROJECT NO. BR-0009-01(132)
 COUNTY : WILKINSON

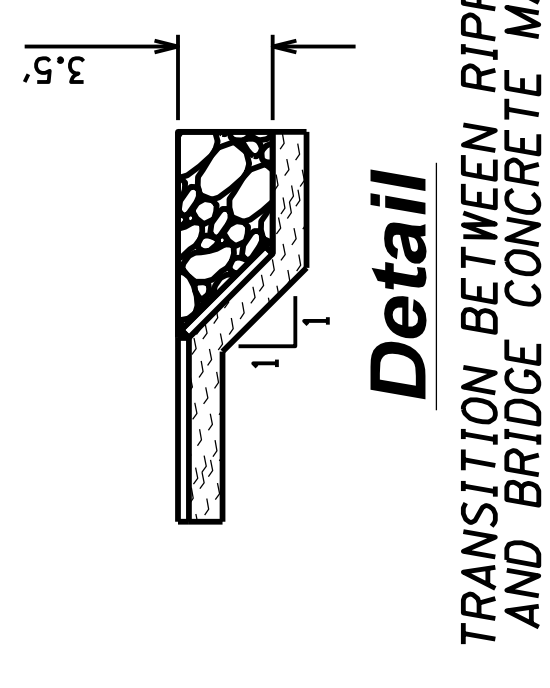
WORKING NUMBER
GN-1

FILE NAME: gn_1.dgn
 DESIGN TEAM: HNTB CORP.
 CHECKED: MKP
 DATE: 05-21-2020

SHEET NUMBER
3

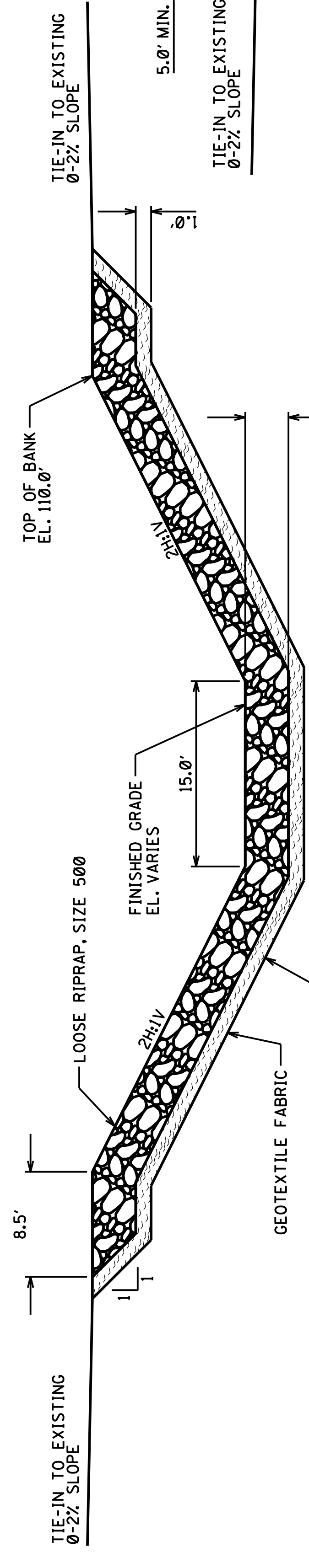


ADDENDUM



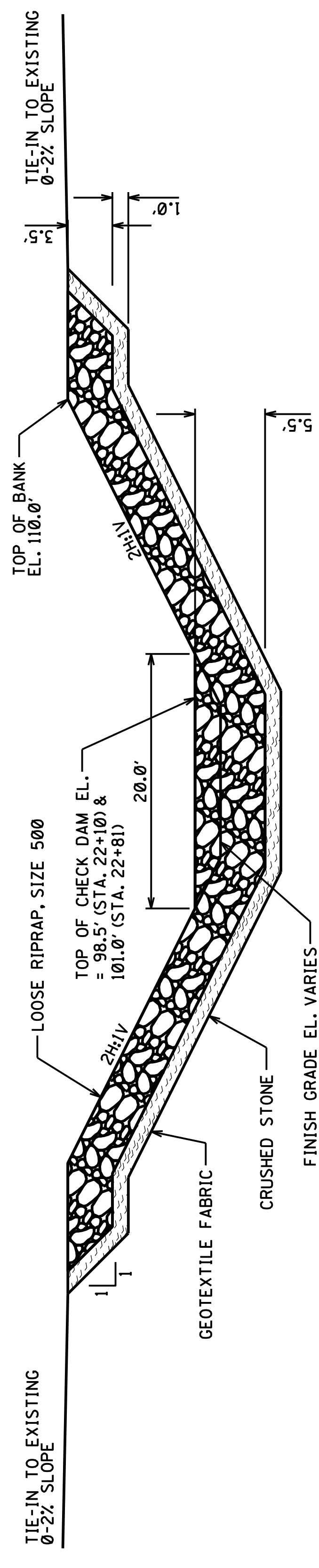
Detail

TRANSITION BETWEEN RIPRAP AND BRIDGE CONCRETE MAT



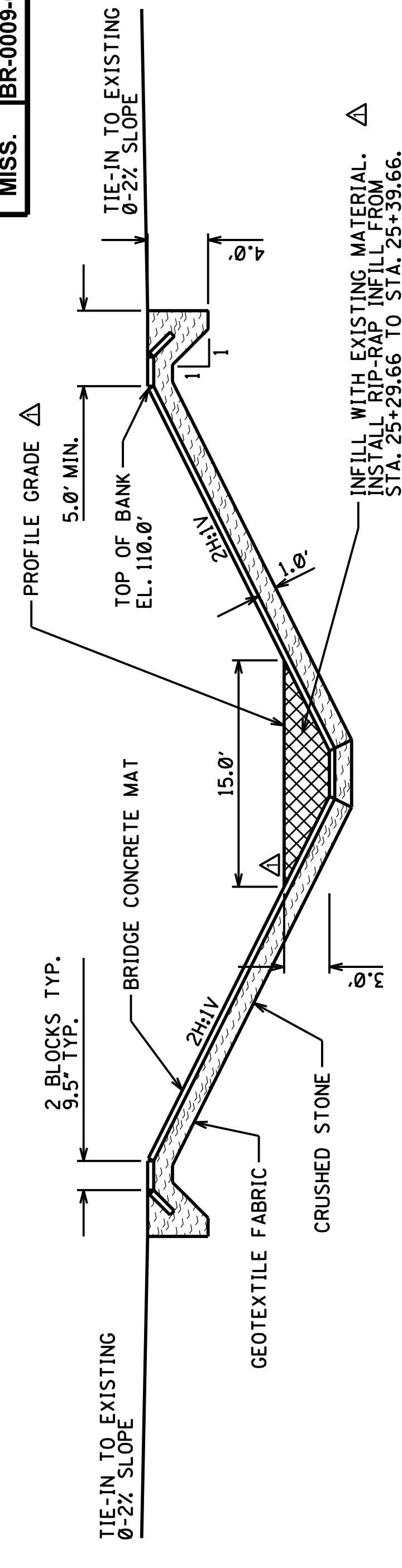
Typical Section

RIPRAP LINED CHANNEL
STA. 21+80 TO 22+00
STA. 22+20 TO 22+60
STA. 22+90 TO 23+85



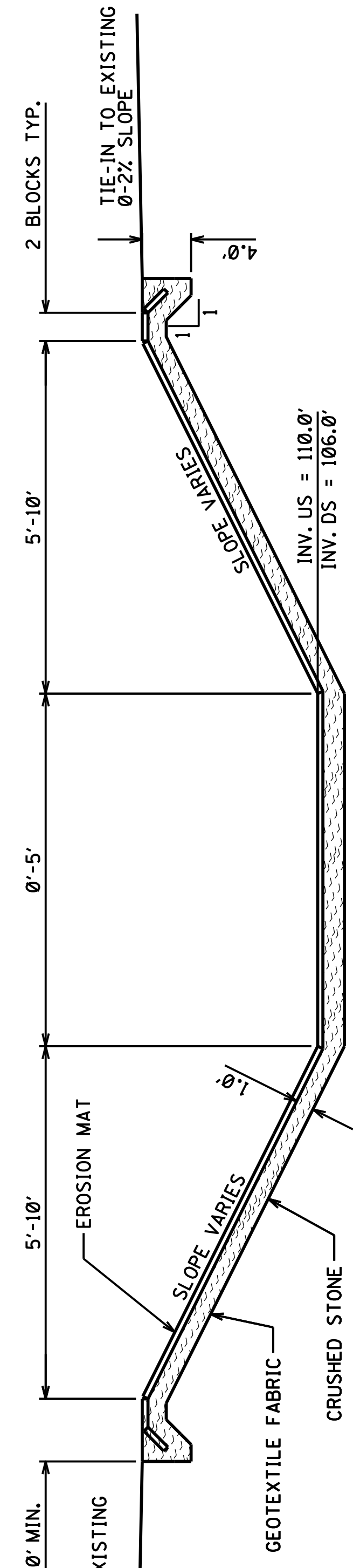
Typical Section

RIPRAP CREST
STA. 22+05 TO 22+15
STA. 22+76 TO 22+86



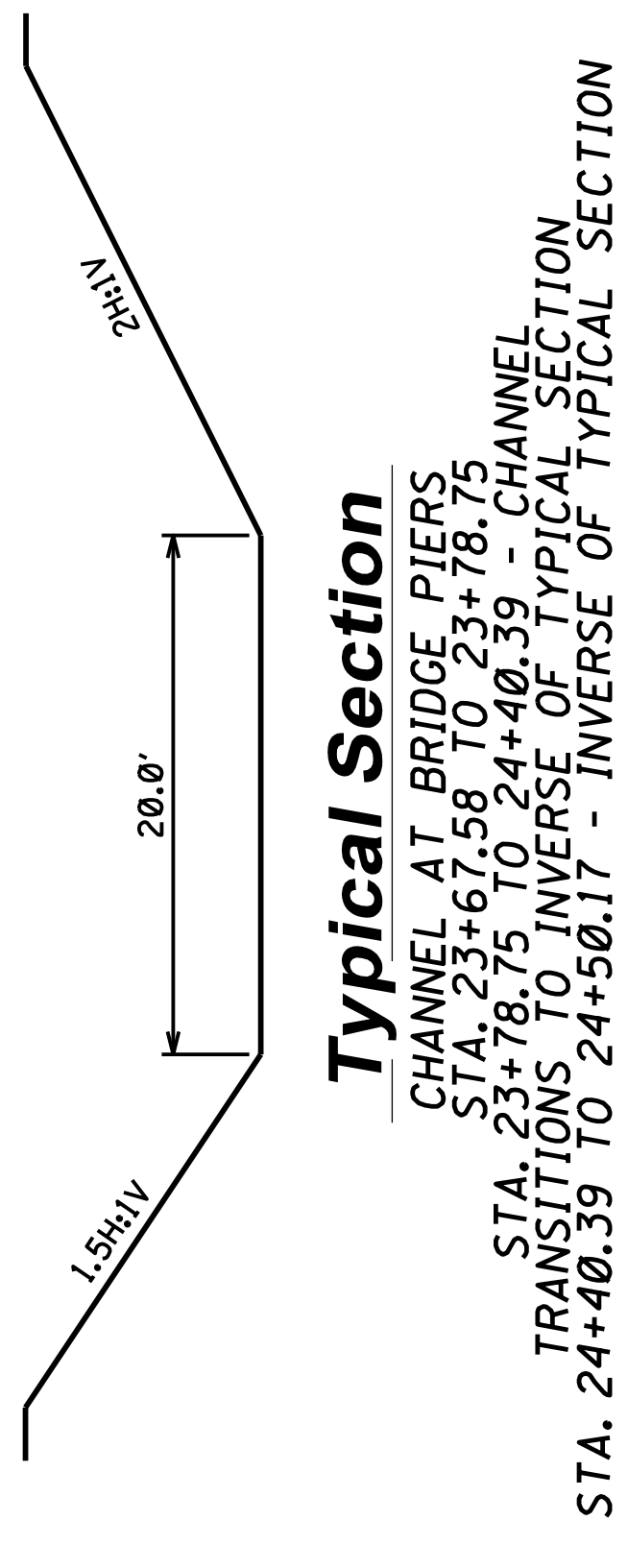
Typical Section

BRIDGE CONCRETE MAT
STA. 21+52.12 TO 21+80
STA. 23+85 TO 25+39.66



Typical Section

LATERAL SIDE DITCH
STA. 23+35, 24+00, 24+18 AND 24+68
SLOPE TRANSITIONS FROM 5H:1V UPSTREAM TO 3H:1V AT THE CONFLUENCE TO SANDY CREEK. STA. 24+72, 24+20 AND 24+00, BOTTOM WIDTH 0 FT.
STA. 23+39, BOTTOM WIDTH VARIES 0 FT TO 5 FT AT DITCH CROSSING.



Typical Section

CHANNEL AT BRIDGE PIERS
STA. 23+67.58 TO 23+78.75
STA. 23+78.75 TO 24+40.39 - CHANNEL TRANSITIONS TO INVERSE OF TYPICAL SECTION
STA. 24+40.39 TO 24+50.17 - INVERSE OF TYPICAL SECTION
SIDE SLOPES ARE 1.5H:1V ON BRIDGE PIER SIDE AND 2H:1V OPPOSITE OF PIER (SEE RIPRAP AND BRIDGE CONCRETE MAT TYP. SECTIONS FOR ARMORING DETAIL)

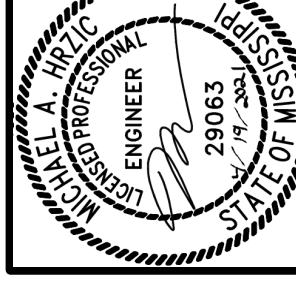
LEGEND

- PROPOSED GRADE
- LOOSE RIPRAP, SIZE 500
- CRUSHED STONE
- BRIDGE CONCRETE MAT OR EROSION MAT (AS NOTED)

- NOTES:
1. STA. 22+00 TO STA. 22+05 RIPRAP LINED CHANNEL TRANSITIONS TO RIPRAP CREST
 2. STA. 22+15 TO STA. 22+20 RIPRAP CREST TRANSITIONS TO RIPRAP LINED CHANNEL
 3. STA. 22+60 TO STA. 22+76 RIPRAP LINED CHANNEL TRANSITIONS TO RIPRAP CREST
 4. STA. 22+86 TO STA. 22+90 RIPRAP CREST TRANSITIONS TO RIPRAP LINED CHANNEL
 5. BRIDGE CONCRETE MATS SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS AND MANUFACTURER'S GUIDELINES

NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTION
SANDY CREEK
STA. 21+52.12 TO 25+39.66



WORKING NUMBER
TS-2
SHEET NUMBER
5

DATE	REVISION	BY

FILENAME: typ_sh.dgn
DESIGN TEAM: HNTB CORP.
CHECKED: MKP
DATE: 05-21-2020

ADDENDUM

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM	UNIT	QUANTITIES	
			PRELIMINARY	FINAL
	Bridge Summary			
201-B001	Clearing and Grubbing	ACRE	3	
201-C001	Random Clearing and Grubbing (CLEARING AND SNAGGING)	STA	8	
201-C002	Random Clearing and Grubbing (STREAM BANK CLEARING)	ACRE	1	
202-A001	Removal of Obstructions (EXISTING JETTY)	LS	1	
202-B052	Removal of Concrete Driveways, All Depths	SY	135	
202-B063	Removal of Concrete Paved Ditch	SY	169	
203-A001	Unclassified Excavation, FM, AH	CY	2,655	
203-G001	Excess Excavation, FM, AH	CY	5,548	
213-C001	Superphosphate	TON	2	
216-A001	Solid Sodding	SY	50	
217-A001	Ditch Liner	SY	222	
219-A001	Watering	KGAL	9	
220-A001	Insect Pest Control	ACRE	3	
223-A001	Mowing	ACRE	3	
225-A001	Grassing	ACRE	3	
225-B001	Agricultural Limestone	TON	2	
225-C001	Mulch, Vegetative Mulch	TON	6	
226-A001	Temporary Grassing	ACRE	3	
229-A001	Erosion Mat	SY	489	
234-A001	Temporary Silt Fence	LF	2,669	
234-F001	Turbidity Barrier	LF	187	
237-A002	Wattles, 20"	LF	2,400	
246-B002	Rockbags	LF	500	
249-A001	Riprap for Erosion Control	TON	1	
907-276-A001	Excavation for Stone Dike and Tiebacks, AEA AH	CY	484	
304-F001	3/4" and Down Crushed Stone Base	TON	1,844	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	1,844	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	1,844	
614-B003	Concrete Driveway, With Reinforcement, 6-inch Thickness	SY	135	
617-A001	Right-of-Way Marker	EA	3	
617-B001	Permanent Easement Marker	EA	3	
618-A001	Maintenance of Traffic	LS	1	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	32	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	192	
619-G4005	Barricades, Type III, Single Faced	LF	48	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	
815-A009	Loose Riprap, Size 500	TON	11,917	
815-D001	Concrete Slope Paving	CY	115	
815-E001	Geotextile under Riprap	SY	3,565	
907-832-PP004	Bridge Concrete Mat	SY	1,133	

① As directed by the engineer.

CAL	REVISD QUANTITIES	07/15/21	7/15/21	REVISION	BY
MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES (BRIDGE ITEMS) PROJECT BR-0009-01(132) 107176-301000					
WILKINSON COUNTY		DESIGNER	HINTB	CHECKER	CAL
WILKINSON COUNTY		DETAILER	CAL	ISSUE DATE	07/15/21
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E. DEF. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.					
				WORKING NUMBER	SQ-BR-1
				SHEET NUMBER	6

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0009-01(132)

ESTIMATED EARTHWORK QUANTITIES						
WORK SHEET NO.	CUT	FILL	BORROW EXCAVATION (yd ³)	EXCESS EXCAVATION (yd ³)	UNCLASSIFIED EXCAVATION (yd ³)	REMARKS
WK-3	484					Longitudinal Fill Stone Toe Protection
WK-4	7443	1841				Sandy Creek
WK-4	114	48				Lat. Side Ditch #1
WK-4	69					Lat. Side Ditch #2
WK-4	36	210				Lat. Side Ditch #3
WK-4	57	25				Lat. Side Ditch #4
SUBTOTAL	8203	2124				
EXCESS = (CUT) - (FILL) x (1.25)						
				5548		From cuts and fills
UNCLASSIFIED = (FILL) x (1.25)						
					2655	From cuts and fills
PROJECT TOTALS				5548	2655	

REMOVAL OF CONCRETE DRIVEWAYS			
WK. SH. NO.	STATION	AREA	REMARKS
WK-4	25+66.54	135	Remove and replace concrete driveway
UNITS			
TOTALS		135	

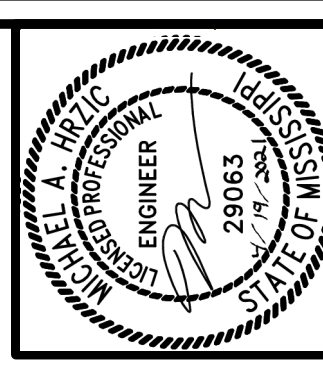
CONCRETE DRIVEWAYS			
WK. SH. NO.	STATION	AREA	REMARKS
WK-4	25+66.54	135	Remove and replace concrete driveway
UNITS			
TOTALS		135	

REMOVAL ITEMS				
WK. SH. NO.	STATION TO STATION	SLOPE PAVING	EXISTING JETTY	REMARKS
WK-4	474+50	169.0 Δ		North end of Sandy Creek
WK-5	5+60	9+65	1	Along South Bank, Buffalo River
UNITS		SQ. YDS.	LUMP	
TOTALS		169.0 Δ	1	

NOTES:

EXCESS EXCAVATION WILL BE PAID FOR AS EITHER EXCAVATION FOR STONE DIKES AND TIEBACKS OR EXCAVATION FOR SANDY CREEK AND LATERAL V-DITCHES. REFER TO THE EARTHWORK TABLE ON THIS SHEET FOR QUANTITIES OF EACH. PAYMENT TO BE MADE PER CUBIC YARD.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	ESTIMATED QUANTITIES
EARTHWORK REMOVAL ITEMS DRIVEWAYS	PROJECT NO. BR-0009-01(132) COUNTY: WILKINSON
WORKING NUMBER EQ-1	DATE: 05-21-2020
FILE NAME: eq.sh.dgn	DESIGN TEAM: HNTB CORP.
CHECKED: MKP	SHEET NUMBER: 7



ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0009-01(132)

ESTIMATED EROSION CONTROL ITEMS

WK. SH. NO.	BRIDGE CONCRETE MAT	EROSION MAT	GRASSING	TEMPORARY GRASSING	CRUSHED STONE	LOOSE RIP RAP (SIZE 500#)	GEOTEXTILE FABRIC	WATTLES, 20"	TURBIDITY BARRIER	ROCKBAGS	SILT FENCE	REMARKS
WK-3			3	3	337.5	7302.7	521.4	2400	187	500	1380	Long. Fill Stone Toe Protection
WK-3						152.8						Tieback #1
WK-3						299.1						Tieback #2
WK-3						261.5						Tieback #3
WK-3						185.0						Tieback #4
WK-4	1133.2				1264.5	3716.1	2554.6				1288	Sandy Creek
WK-4		180.1			89.1		180.1					Lat. Side Ditch #1
WK-4		74.6			36.9		74.6					Lat. Side Ditch #2
WK-4		119.1			59.0		119.1					Lat. Side Ditch #3
WK-4		115.1			57.0		115.1					Lat. Side Ditch #4
TOTALS			3	3	1844.0	11917.2	3564.9	2400	187	500	2669	

△ ASSUMPTIONS:
UNIT WEIGHT OF RIP-RAP IS 165 PCF
UNIT WEIGHT OF CRUSHED STONE IS 110 PCF


MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES

EROSION CONTROL ITEMS

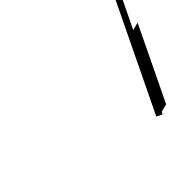
PROJECT NO. BR-0009-01(132)
COUNTY : WILKINSON

WORKING NUMBER EQ-2

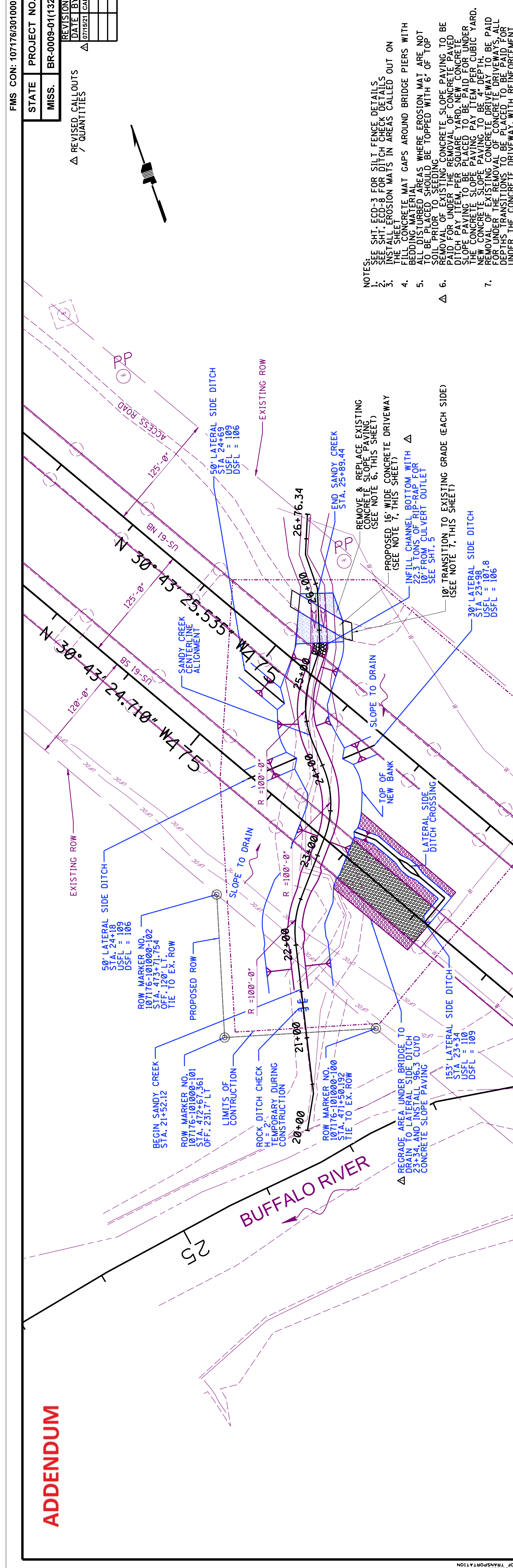
DATE: 05/21/2020
FILENAME: eq_sh.dgn
DESIGN TEAM: HNTB CORP.
CHECKED: MKP
SHEET NUMBER 8




△ REVISED CALLOUTS / QUANTITIES



- NOTES:
 SEE SHT. ECD-3 FOR SILT FENCE DETAILS.
 SEE SHT. ECD-B FOR DITCH CHECK DETAILS.
 1. INSTALL EROSION MATS IN AREAS CALLED OUT ON THIS SHEET.
 2. FILL CONCRETE MAT GAPS AROUND BRIDGE PIERS WITH BEDDING MATERIAL.
 3. ALL DISTURBED AREAS WHERE EROSION MAT ARE NOT TO BE PLACED SHOULD BE TOPPED WITH 6" OF TOP SOIL PRIOR TO SEEDING.
 4. REMOVAL OF EXISTING CONCRETE SLOPE PAVING TO BE PAID FOR UNDER THE REMOVAL OF CONCRETE PAVED DRIVEWAY PAY ITEM, PER SQUARE YARD, NEW CONCRETE SLOPE PAVING PAY ITEM PER CUBIC YARD.
 5. THE CONCRETE SLOPE PAVING TO BE PAID FOR UNDER THE REMOVAL OF CONCRETE DRIVEWAY PAY ITEM PER CUBIC YARD.
 6. FOR UNDER THE REMOVAL OF CONCRETE DRIVEWAY PAY ITEM PER CUBIC YARD, THE THICKNESS PAY ITEM PER SQUARE YARD.
 7.



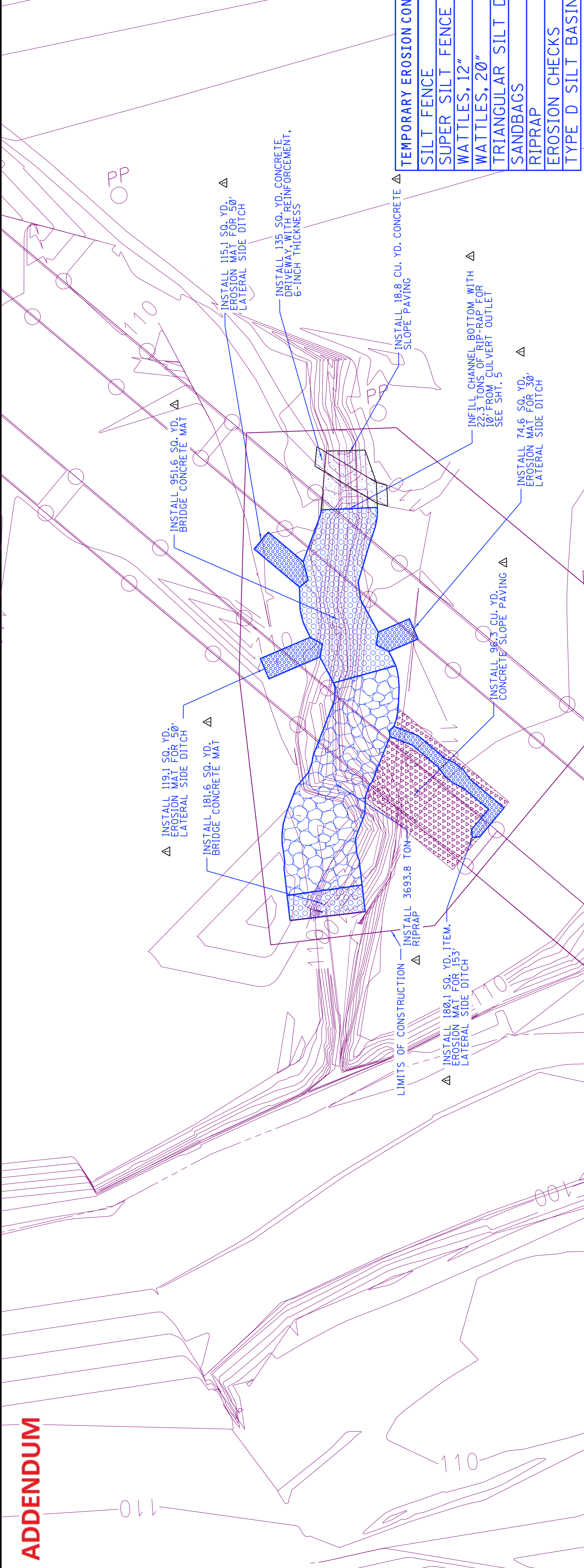
PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
BRIDGE CONCRETE MAT	S.Y.		1133.2Δ
EROSION MAT	S.Y.		488.9Δ
CONCRETE SLOPE PAVING	C.Y.Δ		115.1Δ
RIPRAP	TON		3716.1Δ
GEOTEXTILE	S.Y.		3043.5Δ
SOLID SOD	S.Y.		Δ
LEGEND			
	PROPOSED ROW		
	PERMANENT EASMENT		
	WATER LINE		
	UNDERGROUND FIBER OPTIC CABLE		
	POWER POLE		

ADDENDUM

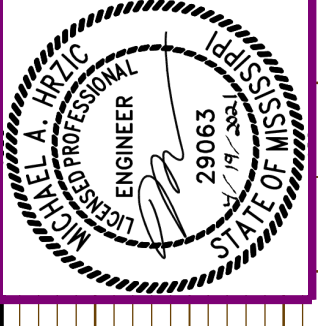
PROJECT NO. BR-0009-01(132)
MISS. DATE BY 07/19/21 CAL

REVISED CALLOUTS / QUANTITIES

ADDENDUM



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		



STA: 21+25 BEGIN SANDY CREEK CHANNEL WORK	STA: 21+80 END C.B.M. RIPRAP CHECK DAM WORK	STA: 21+52 BEGIN C.B.M. RIPRAP CHECK DAM WORK	STA: 21+80 END C.B.M. RIPRAP CHECK DAM WORK	STA: 22+10 C.B.M. RIPRAP CHECK DAM WORK	STA: 23+35 END C.B.M. RIPRAP CHECK DAM WORK	STA: 23+85 END C.B.M. RIPRAP CHECK DAM WORK	STA: 24+00 LATERAL SIDE DITCH	STA: 24+18 LATERAL SIDE DITCH	STA: 24+68 LATERAL SIDE DITCH	STA: 25+39 END C.B.M. RIPRAP CHECK DAM WORK	STA: 25+57 END C.B.M. RIPRAP CHECK DAM WORK	STA: 25+76 END C.B.M. RIPRAP CHECK DAM WORK	STA: 25+89 END C.B.M. RIPRAP CHECK DAM WORK										
120														120	115	110	105	100	95	90	85	80	75
												120	115	110	105	100	95	90	85	80	75		