

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

MADISON COUNTY

- BRIDGE No. 560541 ON I-26 WESTBOUND / US-23 OVER US-19
- BRIDGE No. 560547 ON I-26 OVER SR-1318 (BIG LAUREL RD.) & BIG LAUREL CREEK
- BRIDGE No. 560549 ON I-26 WESTBOUND OVER SR-1352 (HIGGINS BRANCH RD.)
- BRIDGE No. 560550 ON I-26 EASTBOUND OVER SR 1352 (HIGGINS BRANCH RD.)
- BRIDGE No. 560551 ON I-26 OVER SR-1346 (BEAR BRANCH RD.)

TYPE OF WORK: BRIDGE PRESERVATION: DECK REPAIR, LATEX MODIFIED CONCRETE- EARLY STRENGTH (LMC-ES) OVERLAY, JOINT REPAIR AND PAINTING OF EXISTING BRIDGE STRUCTURE.



TA	PROJECT LENGTH					
	MADISON COUNTY					
2018 =10,750	BRIDGE No. 560540 = 0.029 MILE					
2018 =10,750	BRIDGE No. 560541 = 0.031 MILE					
2013 =10,000	BRIDGE No. 560547 = 0.188 MILE					
2013 =10,000	BRIDGE No. 560548 = 0.029 MILE					
2018 =10,750	BRIDGE No. 560549 = 0.031 MILE					
2013 =10,000	BRIDGE No. 560550 = 0.025 MILE					
2013 =10,000	BRIDGE No. 560551 = 0.023 MILE					

STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	•	1		
STATE	PROJ. NO.	F. A. PROJ. NO.	DESCRIP	FION
530	37.1.2	_	P.E	•
530	37.3.2	0026020	CON	ST.

Prepar	ed in the Office of:
DIVISION	OF HIGHWAYS
STRUCTURES	S MANAGEMENT UNIT
1000 B RAI	IRCH RIDGE DR. Leigh, N.C. 27610
2018 STANDARD SPECIFICATIONS	
LETTING DATE :	ADAM COLE, P.E PROJECT ENGINEER
MAY 17, 2022	AMBER LEE, P.E. PROJECT DESIGN ENGINEER



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

MADISON COUNTY

- BRIDGE #560540 ON I-26 EASTBOUND /US-23 OVER US-19
- BRIDGE #560541 ON I-26 WESTBOUND /US-23 OVER US-19
- BRIDGE #560547 ON I-26 OVER SR-1318 (BIG LAUREL RD.) & BIG LAUREL CREEK
- **BRIDGE #560548 ON I-26 OVER US-23**
- BRIDGE #560549 ON I-26 WESTBOUND OVER SR-1352 (HIGGINS BRANCH RD.)
- BRIDGE #560550 ON I-26 EASTBOUND OVER SR-1352 (HIGGINS BRANCH RD.)
- BRIDGE #560551 ON I-26 OVER SR-1346 (BEAR BRANCH RD.)

TYPE OF WORK: BRIDGE PRESERVATION – DECK REPAIR, LATEX MODIFIED CONCRETE-EARLY STRENGTH (LMC-ES) OVERLAY, JOINT REPAIR AND PAINTING OF EXISTING BRIDGE STRUCTURES.

INDEX OF SHEETS

1	TITLE SHEET
IA	INDEX OF SHEETS
S–1	TOTAL BILL OF MATERIAL
S1-01 THRU S1-06	STRUCTURAL PLANS – BRIDGE
S2-01 THRU S2-06	STRUCTURAL PLANS – BRIDGE
S3-01 THRU S3-24	STRUCTURAL PLANS – BRIDGE
S4-01 THRU S4-06	STRUCTURAL PLANS – BRIDGE
S5-01 THRU S5-07	STRUCTURAL PLANS – BRIDGE
S6-01 THRU S6-07	STRUCTURAL PLANS – BRIDGE
S7-01 THRU S7-08	STRUCTURAL PLANS – BRIDGE
SD-01 THRU SD-02	STANDARD REPAIR DETAILS
SN	STANDARD NOTES

STATE	STA'	SHEET NO.	TOTAL SHEETS	
N.C.		1A		
STATE	B PROJ. NO.	DESCRIPT	rion	
530	37.1.2	_	P.E	•
530	37.3.2	0026020	CON	ST.

NO. 560540 NO. 560541 *NO*. *560547* NO. 560548 *NO*. *560549* NO. 560550 NO. 560551

	TOTAL BILL OF MATERIALS												
BRIDGE NO.	GROOVING BRIDGE FLOORS	POLLUTION CONTROL	CLASS II SURFACE PREPARATION	CONCRETE REPAIRS	SHOTCRETE REPAIRS	EPOXY RESIN INJECTION	FOAM JOINT SEALS FOR PRESERVATION	CURB REPAIR	CLEANING AND PAINTING EXISTING WEATHERING STEEL FOR BRIDGE NO	PAINTING CONTAINMENT FOR BRIDGE NO	MOLDED RUBBER SEGMENTAL EXPANSION JOINT	LATEX MODIFIED CONCRETE - EARLY STRENGTH	ELASTOMERIC CONCRETE FOR PRESERVATION
	SQ. FT.	LUMP SUM	SQ. YDS.	CU. FT.	CU. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LUMP SUM	LUMP SUM	LIN. FT.	CU. YDS.	CU. FT.
560540	6,522.0		2.7				87.3	12.0				49.0	21.1
560541	7,401.9						87.1					51.8	21.2
560547	87,464.0	LUMP SUM	98.8	2.5	15.1	50.5			LUMP SUM	LUMP SUM	192.0 2	664.0	
560548	18,422.5		0.1				289.5	50.8				138.3	71.2
560549	7,311.0						100.4					54.8	24.6
560550	6,133.0						101.6					45.0	25.3
560551	13,288.0	LUMP SUM	5.2		2.0	3.5	199.7	17.0	LUMP SUM	LUMP SUM		99.4	47.6
TOTAL	146,542.4	LUMP SUM	106.8	2.5	17.1	54.0	865.6	79.8	LUMP SUM	LUMP SUM	192.0	1,102.3	211.0

	TOTAL BILL OF MATERIALS									
BRIDGE NO.	BRIDGE JOINT DEMOLITION	JOINT REPAIR	EPOXY COATING	PLACING & FINISHING OF LATEX MODIFIED CONCRETE OVERLAY- EARLY STRENGTH	SCARIFYING BRIDGE DECK	HYDRO- DEMOLITION OF BRIDGE DECK	DECK DRAIN REPAIR			
	SQ. FT.	SQ. FT.	SQ. FT.	SQ. YDS.	SQ. YDS.	SQ. YDS.	EA.			
560540	84.2			784.2	784.2	784.2				
560541	84.8			828.8	828.8	828.8				
560547		864.0	2,064.5	10,406.3	10,406.3	10,406.3	61			
560548	284.8			1,773.7 🛕	1,773.7	1,773.7				
560549	98.4			879.0	879.0	879.0				
560550	101.2			738.0	738.0	738.0				
560551	190.4		620.0	1,590.0	1,590.0	1,590.0				
TOTAL	843.8	864.0	2,684.5	17,000.0	17,000.0	17,000.0	61			

AT THE TIME OF PREPARATION OF THESE PLANS, IT WAS NOT ANTICIPATED THAT THE FOLLOWING ITEM(S) LISTED WOULD BE REQUIRED. HOWEVER, IT MAY BE DETERMINED IN THE FIELD THAT THE FOLLOWING ITEM(S) LISTED, OR OTHER WORK WILL BE NECESSARY TO PROPERLY COMPLETE THE INTENDED BRIDGE PRESERVATION/REHABILITATION WORK. THE CONTRACTOR SHALL BE PREPARED TO PERFORM SUCH WORK IN A TIMELY MANNER, AS DETERMINED IN THE FIELD. SUCH WORK SHALL BE CONSIDERED EXTRA WORK AND SHALL BE ADDRESSED AS PER ARTICLE 104-7 OF THE STANDARD SPECIFICATIONS. PROJECT SPECIAL PROVISIONS THAT OUTLINE REQUIREMENTS FOR THESE POTENTIAL ADDITIONAL WORK ITEMS HAVE BEEN PROVIDED IN THE PROJECT DOCUMENTS, BUT NO QUANTITIES HAVE BEEN LISTED. ACTUAL PAY ITEMS, QUANTITIES, AND COSTS WILL BE ESTABLISHED, AS REQUIRED, IF EXTRA WORK IS ENCOUNTERED. UNANTICIPATED ITEMS:

SQUARE YARDS

LUMP SUM CUBIC FEET

UNIT

ITEM DESCRIPTION

- 1. CLASS III SURFACE PREPARATION
- VOLUMETRIC MIXER
 CONCRETE FOR DECK REPAIR

 $\frac{1}{1}$ UPDATED QUANTITIES, 4/27/2022 $\frac{1}{2}$ UPDATED QUANTITY, 5/3/2022

DRAWN BY :	A. SORSENGINH	DATE	:	2/2022
CHECKED BY :	H.A. LOCKLEAR	DATE	: .	2/2022

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F.A. PROJECT NO.: 0026020

	PROJEC BRIDGE 56	T NO. MADIS NO. <u>5</u> 0548,5	I 5 0N 60540,! 60549,!	-5831 CO 560541, 560550,	A UNTY <u>56054</u> 7 560551
WINNER CAROLAND	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH				TION
SEAL 031021	TOTAL BILL OF MATERIAL				
05/03/2022		DEVIS	TONS		
	NO. BY:	DATE:	NO. BY:	DATE:	SHEET NO. S-1
FINAL UNLESS ALL	1		3		TOTAL SHEETS
SIGNATURES COMPLETED	2		4		2



NOTES GENERAL DRAWING INFORMATION IS TAKEN FROM THE ORIGINAL PLANS AND THE ROUTINE INSPECTION REPORT DATED 06/23/2020. BRIDGE ORIENTATION CONFORMS TO THE ORIGINAL BRIDGE PLANS.

SCOPE OF WORK

- PARTIALLY REMOVE BRIDGE DECK CONCRETE BY SCARIFCIATION AND HYDRO-DEMOLITION METHODS.
 OVERLAY PREPARED TOP OF BRIDGE DECK WITH LATEX MODIFIED CONCRETE OVERLAY EARLY STRENGTH (LMC-ES).
 REMOVE EXISTING JOINT MATERIALS AND INSTALL FOAM JOINTS.
 GROOVE LMC-ES BRIDGE DECK.
 REMOVE UNSOUND CONCRETE AND REBUILD EXISTING APPROACH SLAB CURB.

I HEREBY CERTIFY THAT THIS STRUCTURE WAS REHABILITATED ACCORDING TO THESE PLANS OR AS NOTED HEREIN.

RESIDENT ENGINEER

DATE

TO SR 1349

		PROJECT NO. <u>I-5831A</u> <u>MADISON</u> COUN BRIDGE NO. <u>560540</u>					
		SHEET 1 0	F 2				
NOR TH CAROL NOR OF ESSION SEAL 35647 NCINEER TO MA COLLING DocuSigned by: -02EE938FAB674C5	DocuSigned by:	depa	STATE RTMENT ENERA FOR I-3 ON (EA	OF NORTH CAR OF TRAN RALEIGH AL DF BRIDG 26/US- Z6/US- Z6/US- STBOU	NSPORTA NSPORTA AWIN E ON 23 -19 ND)	tion IG	
	05/18/2022	NO PY.	REVIS	IONS		SHEET NO. S1-01	
DOCUMEN FIN SIGNA	NT NOT CONSIDERED AL UNLESS ALL TURES COMPLETED	1 2	DATE:	ло. вт: З Д		TOTAL SHEETS 6	



LOCATION SKETCH

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING BRIDGES, ROADWAYS, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

BRIDGE COORDINATES

LAT: 35°-50'-21.09" LONG: -82°-31'-26.14"

DRAWN BY :	M.ALINAGHIAN	DATE : <u>06/2019</u>
CHECKED BY :	E.BAYISSA	DATE : 02/2022

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NOTES

SURFACE PREPARATION SPECIAL PROVISION. THE CONTRACTOR SHALL PROVIDE A METHOD OF HANDLING UNEXPECTED BLOW THROUGH OF THE DECK DURING

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER. THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT OF TRANSPORTATION FOR ANY DELAYS OR ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN THAT SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS. WORK ON THE BRIDGES SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS. ANY DAMAGE TO EXISTING REINFORCING STEEL, DURING CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASK FOR EACH OPERATION AFFECTING THE BRIDGE SURFACE AND/OR TRAFFIC. FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS. FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS. FOR CRANE SAFETY, SEE SPECIAL PROVISIONS. FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS. FOR TRAFFIC CONTROL AND LIMITS OF PHASING OF CONSTRUCTION, SEE TRAFFIC CONTROL SPECIAL PROVISIONS. EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATION OF BRIDGE DECK. FOR SCARIFYING BRIDGE DECK, HYDRO-DEMOLITION OF BRIDGE DECK, AND CLASS II SURFACE PREPARATION, SEE OVERLAY HYDRO-DEMOLITION. FOR PLACING AND FINISHING LATEX MODIFIED CONCRETE - EARLY STRENGTH (LMC-ES), SEE LATEX MODIFIED CONCRETE-EARLY STRENGTH SPECIAL PROVISIONS. LONGITUDINAL CONSTRUCTION JOINTS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES. DURING CONSTRUCTION, BERMS OR APPROPRIATE MEASURES SHALL BE USED TO ENSURE HYDRO-DEMOLITION WATER DOES NOT MIGRATE INTO ACTIVE TRAVEL LANES. THE CONTRACTOR SHALL COLLECT, TREAT AND DISPOSE OF RUN-OFF WATER FROM THE HYDRO-DEMOLITION PROCESS, SEE OVERLAY SURFACE PREPARATION SPECIAL PROVISIONS. FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS. FOR FOAM JOINT SEAL FOR PRESERVATION, SEE SPECIAL PROVISIONS. FOR ELASTOMERIC CONCRETE FOR PRESERVATION. SEE SPECIAL PROVISIONS. FOR CONCRETE FOR DECK REPAIR, SEE SPECIAL PROVISIONS. FOR VOLUMETRIC MIXER, SEE SPECIAL PROVISIONS. FOR CURB REPAIR, SEE SPECIAL PROVISIONS.

	PROJ. NO. I-5831A MADISON COUNT BRIDGE NO. 560540 SHEET 2 OF 2				
Pocusigned by:	SHEET 2 OF 2 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING FOR BRIDGE ON I-26/US-23 OVER US-19 (EASTBOUND)				
DOCUMENT NOT CONSIDERED	NO. BY:	REVIS DATE:	SIONS NO. BY:	DATE:	SHEET NO. S1-02
FINAL UNLESS ALL SIGNATURES COMPLETED	1 2		<u> ৩</u>		TOTAL SHEETS 6



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NOTE

SEE TRAFFIC CONTROL SPEICAL PROVISIONS FOR LANE WIDTHS, SEQUENCING AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND LMC-ES PLACEMENT.

WHEN PREPARING THE SURFACE FOR LMC-ES OVERLAY ADJACENT TO THE PREVIOUSLY PLACED LMC-ES STAGE, THE PREVIOUSLY PLACED LMC-ES SHALL BE SAW-CUT TO THE FILL DEPTH OF THE LMC-ES AT THE CENTERLINE OF THE BRIDGE AND ALL LMC-ES IN THE 4"OVERLAP SHALL BE REMOVED WITH HAND TOOLS PRIOR TO PLACEMENT OF LMC-ES IN THE SECOND STAGE.

DECK SURFACE BEFORE OVERLAY IS PLACED

SECTION THRU DECK

STAGED LMC-ES OVERLAY JOINT

(AS NEEDED)

	PROJEC	CT NO. Madis E NO	50	<u>I</u> -)N 56(- <u>5831.</u> co <u>)540</u>	A UNTY	
BO485A4F2FAD484	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE TYPICAL SECTION AND LMC-ES DETAIL						
	REVISIONS SHEET NO.						
DOCUMENT NOT CONSTDERED	NO. BY:	DATE:	NO.	BY:	DATE:	S1-03	
FINAL UNLESS ALL	1		3			TOTAL SHEETS	
SIGNATURES COMPLETED	2		4			6	



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	AS-BUILT	REPAIR	QUANTITY TABLE				
E REPAIRS	APPROCH -	SLAB 1	DECK SURFACE REPA	IRS - SPAN A	4		
	ESTIMATE	ACTUAL		ESTIMATE	ACTUAL		
ATION	0.0 SQ.YDS.		CLASS II SURFACE PREPARATION	0.0 SQ.YDS.			$T = 5831\Lambda$
- ES	3.2 CU.YDS.		LATEX MODIFIED CONCRETE - ES	21.5 CU. YDS.			PRUJECT NU
MC-ES OVERLAY	50.7 SQ.YDS.		PLACING AND FINISHING LMC-ES OVERLAY	345.0 SQ.YDS.			
	50.7 SQ.YDS.		SCARIFYING BRIDGE DECK	345.0 SQ.YDS.			
DGE DECK	50.7 SQ.YDS.		HYDRO-DEMOLITION OF BRIDGE DECK	345.0 SQ.YDS.			PPTPCENO 560540
	423.0 SQ.FT.		GROOVING BRIDGE FLOORS	2869.0 SQ.FT.			BRIDGE NU. JOOJHO
							SHEET 1 OF 2
							STATE OF NORTH CAROLINA
						THE CAROL MAR	DEPARTMENT OF TRANSPORTATION RALEIGH
						A CEESSION AND A CEES	
						SEAL 031021	DECK SURFACE REPAIR
						NCINEER	& SPAN A
						MANDER M. LININ	
						DocuSigned by:	
						03794857276222484	REVISIONS SHEET NO.
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						SIGNATURES COMPLETED	



	AS-BUILT	REPAIR	QUANTITY TABLE		
IRS	- APPROACH	SLAB 2	DECK SURFACE REPA	AIRS - SPAN	В
	ESTIMATE	ACTUAL		ESTIMATE	ACTUAL
	2.7 SQ. YDS.		CLASS II SURFACE PREPARATION	0.0 SQ. YDS.	
	3.2 CU. YDS.		LATEX MODIFIED CONCRETE - ES	21.1 CU. YDS.	
LAY	50.5 SQ. YDS.		PLACING AND FINISHING LMC OVERLAY	338.0 SQ. YDS.	
	50.5 SQ. YDS.		SCARIFYING BRIDGE DECK	338.0 SQ. YDS.	
<	50.5 SQ. YDS.		HYDRO-DEMOLITION OF BRIDGE DECK	338.0 SQ. YDS.	
	423.0 SQ.FT.		GROOVING BRIDGE FLOORS	2807.0 SQ.FT.	
	12.0 LN.FT.				
	1	1			

BTII	OF	MATERTAL

FOR	ONE CURB ON APPROACH SLAB 2						
BAR	N0.	SIZE	TYPE	LENGHT	WEIGHT		
# B1	1	4	STR	10'-7"	7		
# D1	8	4	STR	0'-10"	5		
* EPOXY COATED REINFOCING STEEL LBS.					12		
CLASS AA CONCRETE				CU. YDS.	0.2		



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ELASTOMERIC CONCRETE FOR PRESERVATION							
LOCATION	ESTIMATED (CU.FT.)	ACTUAL (CU.FT.)					
END BENT 1	10.6						
END BENT 2	10.5						
TOTAL	21.1						

JOINT REPAIR QUANTITY TABLE							
						ESTIMATED	ACTUAL
FOAM	JOINT	SEALS	FOR	PRESERVA	ATION	87.3 FT.	

NT DEM	OLTION
ESTIMATED (SQ.FT.)	ACTUAL (SQ.FT.)
42.4	
42.0	
84.2	

NOTES

FINAL JOINT SEALS SHALL NOT BE INSTALLED UNTIL THE OVERLAY OR SEALANT WORK IS COMPLETE.

THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING JOINT OPENING PRIOR TO ORDERING JOINT SEAL MATERIAL. IF THE ACTUAL JOINT OPENING VARIES FROM THE OPENING INDICATED IN THE DETAILS BY MORE THAN 1/4", NOTIFY THE ENGINEER.

THE MANUFACTURER IS TO PROVIDE THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL FOR THE SIZE OF THE OPENING ON THE PLANS AND ACCOMODATE THE MINIMUM EXPANSION SHOWN ON THE PLANS.

FOAM JOINTS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.

THE CONTRACTOR SHALL TAKE CARE DURING JOINT REHAB OPERATIONS NOT TO DROP ANY MATERIAL BELOW THE BRIDGE, WITHOUT PROTECTIVE DEVICES BELOW TO CATCH THE MATERIAL. ANY MATERIAL THAT FALLS BELOW THE BRIDGE SHALL BE CONTAINED, REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO EXTRA COST TO THE DEPARTMENT. IF THE ENGINEER DETERMINES THAT THE PROTECTIVE DEVICES ARE NOT ADEQUATE OR NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.

THE CONTRACTOR WILL NOT BE PERMITTED TO FORM THE JOINTS IN LIEU OF SAWING THE JOINT.

THE INSTALLED FOAM JOINTS SHALL BE WATER TIGHT.

FOR FOAM JOINT SEALS FOR PRESERVATION, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL SAW CUT TO A NOMINAL DEPTH OF 1/2" BUT REINFORCING STEEL SHALL NOT BE DAMAGED. CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL

QUANTITIES SHOWN IN THE ELASTOMERIC CONCRETE FOR PRESERVATION TABLE ARE BASED ON THE MINIMUM JOINT DEMOLITION SHOWN.

FOR EXCAVATION BELOW THE BOTTOM OF PLANNED JOINT DEMOLITION, CONCRETE FOR DECK REPAIR SHALL BE PLACED IN THE EXCAVATED AREA TO THE ELEVATION AT THE BOTTOM OF THE PROPOSED ELASTOMERIC CONCRETE FOR PRESERVATION HEADERS SHOWN.

FINAL SURFACE OF THE JOINT DEMOLITION AREA PRIOR TO PLACEMENT OF CONCRETE REPAIR MATERIAL OR ELASTOMERIC CONCRETE SHOULD BE REASONABLY FLAT AND LEVEL. ENGINEER SHALL DETERMINE THE ACCEPTABLITIY OF THE SURFACE PRIOR TO PLACEMENT OF REPAIR CONCRETE OR ELASTOMERIC CONCRETE.

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE FOR PRESERVATION, SEE SPECIAL PROVISIONS.

FOR CONCRETE FOR DECK REPAIR. SEE SPECIAL PROVISIONS.

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SEESSION

SEAL 031021

CINEER

MBER M.

-DocuSigned by Amber Male PROJECT NO. <u>1-5831A</u>

MADISON

_ COUNTY

BRIDGE NO. 560540





039485226522484							
		REVISIONS					SHEET NO.
DOCUMENT NOT CONSTDERED	N0.	BY:	DATE:	NO.	BY:	DATE:	S1-06
FINAL UNLESS ALL	1			3			TOTAL SHEE_TS
SIGNATURES COMPLETED	2			4			6



