STANDARD DRAWINGS AND SUPPLEMENTAL SPEFICICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

TST-1-99	DATE/REVISED	7/20/18
DS-1-92	DATE/REVISED	7/18/2003

IN ADDITION TO THE ABOVE CURRENT STANDARD DRAWINGS THE FOLLOWING ARCHIVD STANDARD DRAWINGS WERE USED TO CONTRUCT STRUCTURE. REFER TO EXISTING PLANS.

A-1-54	DATE/REVISED	12/1/1954
CS-2-54	DATE/REVISED	7/16/1656
P-1-54	DATE/REVISED	2/2/1959

AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS

848	DATE/REVISED	1/20/2017

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 17TH EDITION 2002, AND THE ODOT BRIDGE DESIGN MANUAL, 2004.

DECK PROTECTION METHOD:

NEW SDC OVERLAY OF 1.75" THICKNESS
DRIP STRIP

EXISTING STRUCTURE VERIFICATION:

EXISTING STRUCTURE VERIFICATION: DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND THE PROPOSED WORK, BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02, AND 513.04. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE, HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

IN STREAM RESTRICTIONS:

THE CONTRACTOR SHALL NOT PLACE FILL OR STAGE EQUIPMENT BELOW THE ORDINARY HIGH WATER MARK OF THE WATERWAY. THE OHWM FOR PROJECT IS DEFINED AS ELEV. 1051.00. ACCESS TO THE UNDERSIDE OF THE DECK SHALL BE PERFORMED IN SUCH A MANNER TO MEET THE REQUIREMENTS STATED ABOVE. IF DEBRIS ENTERS THE WATERWAY DURING CONSTRUCTION THE CONTRACTOR SHALL REMOVE THE DEBRIS IMMEDIATELY UTILIZING HAND REMOVALS OR EQUIPMENT STAGED ABOVE THE ORDINARY HIGH WATER MARK.

DOCUMENTATION OF VARIABLE DEPTH:

PRIOR TO POURING PROPOSED SDC OVERLAYS, THE PROJECT ENGINEER MUST DOCUMENT THE APPROXIMATE VARIABLE DEPTH LOCATIONS ON THE DECK AND TAKE PICTURES OF THESE LOCATIONS AND OTHER SIGNIFICANT FINDINGS. ADDITIONALLY, DOCUMENT THE AS BUILT OVERLAY THICKNESS AND TOTAL AMOUNT OF VARIABLE DEPTH USED. PROVIDE THIS DOCUMENTATION TO THE ODOT BRIDGE ENGINEER TO BE KEPT ON FILE FOR FUTURE POSSIBLE OVERLAYS.

ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

DESCRIPTION: THIS WORK CONSISTS OF THE REMOVAL OF CONCRETE AND BRIDGE RAILING AS DETAILED IN THE PLANS. THE PROVISIONS OF ITEM 202 APPLY EXCEPT AS SPECIFIED BY THE FOLLOWING NOTES. PERFORM WORK CAREFULLY DURING REMOVALS TO PROTECT PORTIONS OF SUCH SYSTEMS THAT ARE TO BE SALVAGED AND INCORPORATED INTO THE PROPOSED STRUCTURE. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAM TYPE OF EQUIPMENT IS PROHIBITED. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

REMOVAL METHODS: THE CONTRACTOR MAY REMOVE CONCRETE BY CUTTING AND BY MEANS OF HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS.

MEASUREMENT AND PAYMENT: THE DEPARTMENT WILL MEASURE THE QUANTITY OF CONCRETE REMOVALS ON A CUBIC YARD BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202. PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, SUPERSTRUCTURE.

ITEM 516 JOINT SEALER, AS PER PLAN:

UPON COMPLETION OF THE RIGID OVERLAY, THE CONTRACTOR SHALL SAW CUT THE INTERFACE BETWEEN THE APPROACH PAVEMENT AND OVERLAY AN AREA OF 1" WIDE BY THE DEPTH OF THE NEW SDC OVERLAY AND FILL THIS AREA WITH HOT APPLIED JOINT SEALER 705.04.

DESIGN AGENCY
ODOT DEPARTMENT OF TRANSPORTATION DISTRICT 6

DESIGNED	DRAWN	REVIEWED	DATE
CAB	CAB	KRF	10/23/2019
CHECKED	REVISED	STRUCTURE FILE NUMBER	
KRF	KRF	4903994	

STRUCTURE NOTES
BRIDGE NO. MAD-323-0390 OVER PAINT CREEK

MAD-323-3.90
PID No. 98170

SHEET NUM.	PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
10	01/STR/BR						
						STRUCTURE OVER 20 FOOT SPAN (MAD-323-0390)	*10*
56	*56*	*202*	*11301*	*56*	*CY*	*PORTIONS OF STRUCTURE REMOVED, AS PER PLAN*	
13,706	*13,706*	*509*	*10000*	*13,706*	*LB*	*EPOXY COATED REINFORCING STEEL*	
24	*24*	*510*	*10000*	*24*	*EACH*	*DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT*	
54	*54*	*511*	*34410*	*54*	*CY*	*CLASS QC2 CONCRETE, SUPERSTRUCTURE*	
2	*2*	*511*	*50210*	*2*	*CY*	*CLASS QC1 CONCRETE, SUBSTRUCTURE*	
42	*42*	*516*	*31001*	*42*	*FT*	*JOINT SEALER, AS PER PLAN*	*10*
263	*263*	*517*	*70000*	*263*	*FT*	*RAILING (TWIN STEEL TUBE)*	
310	*310*	*SPECIAL*	*51822300*	*310*	*FT*	*STEEL DRIP STRIP*	
500	*500*	*848*	*10200*	*500*	*SY*	*SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, 1 3/4"*	
389	*389*	*848*	*20000*	*389*	*SY*	*SURFACE PREPARATION USING HYDRODEMOLITION*	
10	*10*	*848*	*30200*	*10*	*CY*	*SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY*	
50	*50*	*848*	*50000*	*50*	*SY*	*HAND CHIPPING*	
LS	*LS*	*848*	*50100*	*LS*		*TEST SLAB*	
389	*389*	*848*	*50320*	*389*	*SY*	*EXISTING CONCRETE OVERLAY REMOVED, 1 1/4"*	
20	*20*	*848*	*50340*	*20*	*SY*	*REMOVAL OF DEBONDED OR DETERIORATED EXISTING VARIABLE THICKNESS CONCRETE OVERLAY*	

DESIGN AGENCY
ODOT DEPARTMENT OF TRANSPORTATION DISTRICT 6

DESIGNED CAB | DRAWN CAB | REVIEWED KRF | DATE 10/23/2019
CHECKED KRF | REVISED KRF | STRUCTURE FILE NUMBER 4903394

ESTIMATED STRUCTURE QUANITIES

BRIDGE NO. MAD-323-0390
OVER PAINT CREEK

MAD-323-3.90
PID No. 98170

PROPOSED FORWARD ABUTMENT PLAN VIEW

PROPOSED ELEVATION VIEW

SECTION B-B

* ALL DOWELS SHALL BE 1'-0" DEEP

DESIGN AGENCY
ODOT DEPARTMENT OF TRANSPORTATION DISTRICT 6

DESIGNED	DRAWN	REVIEWED	DATE
CAB	CAB	KRF	10/23/2019
CHECKED	REVISED	STRUCTURE FILE NUMBER	
KRF	KRF	4903994	

PROPOSED ABUTMENT
BRIDGE NO. MAD-323-0390
OVER PAINT CREEK

MAD-323-3.90
PID No. 98170

5 / 9

13
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