

DAMAGE DESCRIPTION & METHOD OF REPAIR

LOCATION #	LOCATION DESCRIPTION	DAMAGE DESCRIPTION	PROPOSED REPAIR METHOD
1	BENT 4, COLUMN 3 BACK FACE	36" X 1/4" CRACK AT BACK FACE OF COLUMN 3	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
2	FLOOR BEAM BRACES NEAR BENTS 3 & 4	2 - 24" X 0.125" CRACKS	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
3	SPAN 3, WEB OF BEAM 3 NEAR BENT 4	6" X 12" DELAMINATED AREA	PATCHING PER SECTION 521 OF SPECIAL PROVISION
4	SPAN 2, UNDERSIDE OF DECK 40 FT. BEYOND BENT 2 ABOVE LEFT SPANDREL	12" X 6" SPALL	PATCHING PER SECTION 521 OF SPECIAL PROVISION
5	BENT 2, COLUMN 2 BACK FACE	4" DIA. SPALL 2' FT. FROM TOP OF COLUMN	PATCHING PER SECTION 521 OF SPECIAL PROVISION
6	BENT 2, COLUMN 2 SOUTH FACE	24" X 0.020" VERTICAL CRACK AT PEDESTAL	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
7	BENT 2, COLUMN 3 NORTH FACE	7'-0" X 0.040" VERTICAL CRACK AT PEDESTAL	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
8	BENT 2, CAP AHEAD BETWEEN SPANDRELS	6" X 2" SPALL AT TOP OF CAP	PATCHING PER SECTION 521 OF SPECIAL PROVISION
9	BENT 2, COLUMN 3 NORTH FACE	30" X 0.030" VERTICAL CRACK 2' ABOVE GROUNDLINE	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
10	BENT 3, SOUTH SPANDREL BACK AT BOTTOM	8" X 6" SPALL WITH EXPOSED REBAR	PATCHING PER SECTION 521 OF SPECIAL PROVISION
11	BENT 3, AHEAD, FLOOR BEAM BETWEEN SPANDREL AND INSIDE AASHTO BEAM - LEFT SIDE	24" X 0.5" DIAGONAL CRACK	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
12	BENT 3, AHEAD, FLOOR BEAM BETWEEN SPANDREL AND INSIDE AASHTO BEAM - RIGHT SIDE	24" X 0.5" DIAGONAL CRACK	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
13	BENT 4 AHEAD, LOWER PORTION OF CAP BETWEEN COLS. 2 & 3	4'-0" X 0.030" TRANSVERSE CRACK	EPOXY PRESSURE INJECTION PER SECTION 528 OF GA DOT SPECIFICATIONS
14	BENT 4 BACK, FLOOR BEAM BETWEEN LEFT SPANDREL AND INSIDE AASHTO BEAM	12" X 8" X 4" DEPTH SPALL	PATCHING PER SECTION 521 OF SPECIAL PROVISION
15	UNDERSIDE OF DECK 8' TO 10' EITHER SIDE OF BRIDGE C	CRACK OF VARIOUS WIDTH SHOWING EFFLORESCENCE RUNNING FULL LENGTH OF BRIDGE	CLEAN THE EFFLORESCENCE BY PRESSURE WASHING. INCLUDE THE COST OF PRESSURE WASHING IN THE OVERALL PRICE BID SUBMITTED.

FOR PLAN AND ELEVATION VIEW OF THE LOCATION OF DAMAGE, SEE BRIDGE SHEET 3.

BRIDGE NO. 2

 SASTRY & ASSOCIATES, INC. <small>11030 JONES BRIDGE ROAD, SUITE 201 ALPHARETTA, GA 30022 PHONE: 678-366-9375 FAX: 770-442-0761</small>		GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
		DAMAGE DESCRIPTION & METHOD OF REPAIR BRIDGE REHAB ON SR 53 OVER AMICALOLA CREEK DAWSON COUNTY MO04206	
DRAWING NO. 35 - 12 BRIDGE SHEET 4 OF 6		REVISIONS DATE	SCALE: MARCH 2011
DESIGNED: DVW	CHECKED: AS	REVIEWED: CBB	
DRAWN: RTJ	DESIGN GROUP: BMU	APPROVED: MLC	

1 INCH WHEN PRINTED FULL SIZE

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