

DAMAGE DESCRIPTION AND METHOD OF REPAIR

LOCATION #	LOCATION DESCRIPTION	DAMAGE DESCRIPTION	PROPOSED REPAIR METHOD
1	BEAM 5, SPAN 1	8" X 8" SPALL AT BOTTOM OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
2	BEAM 4, BENT 3 BACK	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
3	BEAM 4, BENT 3 AHEAD	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
4	BEAM 4, BENT 6 BACK	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
5	BEAM 4, SPAN 8	4 LONGITUDINAL CRACKS ALONG BOTTOM OF BEAM. CRACKS ARE APPROXIMATELY 2', 1', 3', AND 1' LONG.	EPOXY PRESSURE INJECTION PER SECTION 528 OF GEORGIA DOT SPECIFICATIONS
6	END OF BEAM 4, BENT 9 BACK	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
7	END OF BEAM 6, BENT 9 BACK	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
8	END OF BEAM 4, BENT 9 AHEAD	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
9	END OF BEAM 6, BENT 9 AHEAD	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
10	BEAM 4, SPAN 9	3 LONGITUDINAL CRACKS ALONG BOTTOM OF BEAM. CRACKS ARE APPROXIMATELY 4', 1', AND 1' LONG.	EPOXY PRESSURE INJECTION PER SECTION 528 OF GEORGIA DOT SPECIFICATIONS
11	BEAM 4, SPAN 9	36" X 4" SPALL AT BOTTOM OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
12	BEAM 4, SPAN 10	5 LONGITUDINAL CRACKS ALONG BOTTOM OF BEAM. CRACKS ARE APPROXIMATELY 4', 2', 2', 2' AND 2' LONG.	EPOXY PRESSURE INJECTION PER SECTION 528 OF GEORGIA DOT SPECIFICATIONS
13	END OF BEAM 4, BENT 11 BACK	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
14	END OF BEAM 4, BENT 11 AHEAD	9" X 20" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
15	END OF BEAM 4, BENT 11 AHEAD	18" LONGITUDINAL CRACK AT BOTTOM OF BEAM	EPOXY PRESSURE INJECTION PER SECTION 528 OF GEORGIA DOT SPECIFICATIONS
16	END OF BEAM 2, BENT 12 AHEAD	13" X 6" SPALL AT CORNER OF EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
17	END OF BEAM 4, BENT 12 AHEAD	9" X 18" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
18	END OF BEAM 6, BENT 12 AHEAD	9" X 18" SPALL AT EXTERIOR SIDE OF BEAM	PATCHING PER SECTION 521 OF SPECIAL PROVISION
19	END OF BEAM 7, BENT 14 AHEAD	18" TRANSVERSE CRACK AT BOTTOM OF BEAM. 18" DIAGONAL CRACK ON EACH SIDE OF BEAM.	EPOXY PRESSURE INJECTION PER SECTION 528 OF GEORGIA DOT SPECIFICATIONS
	BOTTOM CORNER OF BENT CAP, BENT 13	15" X 8" SPALL (SEE BRIDGE SHEET 7)	PATCHING PER SECTION 521 OF SPECIAL PROVISION
	BOTTOM CORNER OF BENT CAP, BENT 14	15" X 8" SPALL (SEE BRIDGE SHEET 7)	PATCHING PER SECTION 521 OF SPECIAL PROVISION

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

BRIDGE NO. 1



2835 BRANDYWINE ROAD
SUITE 400
ATLANTA, GEORGIA 30341
(770) 936-8650

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

DAMAGE DESCRIPTION & METHOD OF REPAIR
BRIDGE REHAB ON SR 11
OVER MIDDLE OCONEE RIVER
JACKSON COUNTY M004206

SCALE: MARCH 2011

DRAWING NO.
35-04
BRIDGE SHEET
4 OF 8

DATE					
BY					

DESIGNED AS	CHECKED TQT	REVIEWED CBB
DRAWN AS	DESIGN GROUP BMLJ	APPROVED MLC

1 INCH WHEN PRINTED FULL SIZE

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