



SCDOT BRIDGE INSPECTION FORM

120 of 187

(008) BRIDGE ID: 1020005200191
(005) ROUTE: CHARLESTON US 52 RMP
(006) CROSSING: CON TO I-26 WBL

(009) LOCATION: 1 MI E SC RT 7 IN CHAS
(026) FUNCTIONAL CLASS: 13

GENERAL BRIDGE DATA

	EXISTING	REVISED		EXISTING SUP-SUB	REVISED SUP-SUB
(027) YEAR BUILT	1966		(043) MAIN ORIGINAL (A)	3 02 1	
(106) YEAR RECON	0		MAIN RECONST (B)		
(031) DESIGN LOAD	5		(044) APPR ORIGINAL (A)	5 02 1	
(032) APPR RDWAY	26		APPR RECONST (B)		
(033) BRIDGE MEDIAN	0		(107) DECK STRUCT	1	
(034) SKEW	99		(108) WEAR SURF	1 8 8	
(035) FLARED	0		(045) # MAIN SPANS	1	
(36A) RAILINGS	0		(046) # APPR SPANS	15	
(36B) TRANSITIONS	0		(048) MAX SPAN LGTH	133	
(36C) APPR GUARD	1		(308) APPR SPAN LGTH	0	
(36D) APPR GUARD END	0		(049) STRUCT LENGTH	1056	
(041) TRAFFIC STATUS	A		(037) HISTORY	5	

GEOMETRIC DATA

	EXISTING	REVISED		EXISTING	REVISED
(038) NAVIGATION CONT	N		(042) TYPE SERV; (A)-(B)	1 4	
(039) NAV VERT CLEAR	0		(028) LANES; ON(A) UND(B)	1 4	
(040) NAV HORZ CLEAR	0		(47A) HORZ CLEAR RIGHT	21.8	
(111) NAV PIER PROT			(47B) HORZ CLEAR LEFT	0	
(10A) GREAT MIN OVER	FT IN	FT IN	(47UA) HORZ CLEAR RIGHT	40	
UNDERCLEARANCES	99 99		(47UB) HORZ CLEAR LEFT	0	
(10B) GREAT MIN RIGHT	17 3	16 4	(50B) SIDEWALK RIGHT	1.5	
(10C) GREAT MIN LEFT	0 0		(50A) SIDEWALK LEFT	1.5	
(54A) VERT CLEAR REF	H		(051) CURB TO CURB	21.8	
(54B) VERT CLEAR RIGHT	17 3	16 4	(052) DECK OUT-OUT	27.4	
(54C) VERT CLEAR LEFT	0 0		(053) VERT CLEARANCE	FT IN	FT IN
(55A) LAT CLEAR REF	H		ABOVE DECK	99 99	
(55B) LAT CLEAR RIGHT	8				
(55C) LAT CLEAR LEFT	0				

CONDITION RATINGS

	EXISTING	REVISED		EXISTING	REVISED
(063) OPERATING RATING METHOD	2		(58) DECK	6	
(064) OPERATING RATING	51		(59) SUPER STR	7	
(065) INVENTORY RATING METHOD	2		(60) SUB STR	7	
(066) INVENTORY RATING	27		(061) CHANNEL	N	
(319) LAST PAINT DATE	1970		(062) CULV RET	N	

CRITICAL INSPECTION DATA

	EXISTING	REVISED
(090) INSP DATE	08/2012	07/2014
(091) INSP FREQ	24	
(113) SCOUR CRITICAL	N	
	INTERVAL MTH YR	INTERVAL MTH YR
(93A) FRACTURE	N	
(93B) UNDERWATER	N	
(93C) SPECIAL	N	

APPRAISAL RATINGS

	EXISTING	REVISED
(067) STRUCTURE	6	GEN
(068) DECK GEOM	2	GEN
(069) UNDERCLEAR	5	GEN
(070) BRIDGE POST	5	GEN
(071) WATER ADEQ	N	
(072) APPR RDWAY	8	
(411) LOAD RATING ID		

7/4722

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06/20/2014

16-SEP-2014 08:35:46

BRIDGE DEFICIENCY

District	Work County	Asset Group	Type	Route	Structure		
6	CHARLESTON	BRIDGES	US	52	4722 - 20005200191 - CON TO I-26 WBL		
Inspection Date		Type	Route	Aux	Milepoint	Direction	Off System Description
TUESDAY - SEP 16, 2014							

Deficiency	Activity	Priority	Accomplishment Unit	Est. Work Quantity
603 - SIGNS		B	EACH	

Deficiency Comments

INSTALL CLEARANCE SIGN OVER MEETING ST. 16'-04"

Work Completion			
Date	District	Organization Unit	Comments

Work Inspection		
Work Inspection Date	Cleared	Name of Inspector

Save	Selection	Prior Deficiency	Next Deficiency	New Record	Status	Return
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Bridge Element Group Textual Data

Bridge ID: 10-2-00052-0-01-91

10 Jul-2014

Abutments and/or Headwalls:

N/A

Bents and/or Piers:

[7]GOOD- 2 R.C.COLUMNS WITH R.C.CAPS

Bearings:

[6]SAT- STEEL EXPANSION AND FIXED;MODERATE TO HEAVY RUST ON BEARINGS

Girders/Floor Beams/Stringers and/or Beams:

[7]GOOD- 36" STEEL BEAMS WITH 12" FLANGES AND PRESTRESS CONCRETE ON APPROACHES;SPECKLED RUSTING ON BEAMS AND DIAPHRAGMS

Truss Members:

N/A

Expansion Joints:

[7]GOOD- ASPHALTIC FIBER AND STEEL FINGER PLATES MATERIAL

Decks and/or Slabs:

[6]SAT- R.C.DECK (MINOR TRANSVERSE CRACKING ON & UNDER DECK WITH 3' OF REBAR EXPOSED EFFLORESCENCE THROUGHOUT (HAS BEEN REPAIRED); MOD SPALLING UNDER DECK ON LT. SIDE WHERE THE CRASH ATTENUATOR IS LOCATED

Curbs:

[7]GOOD- 10" R.C.

[7]GOOD- 1.5' R.C.SIDEWALK LEFT AND RIGHT

Bridge Railing/Parapets and/or Median Barriers:

[7]GOOD- R.C. WITH ALUMINUM HAND RAILS

[7]GOOD- T.T. POSTS W/GALV.

Paint System(s):

[4]POOR-PAINTED BEAMS AND BEARINGS;HEAVY RUST ON BEARINGS AND SPECKLED RUSTING ON BEAMS AND DIAPHRAGMS

Waterway and Scour:

N/A

N/A

Fender System:

N/A

Roadway Alignment:

[7]GOOD

[7]GOOD- SLIGHT SETTLEMENT

Traffic Signs:

ALL NECESSARY BRIDGE SIGNS ARE IN PLACE AND IN GOOD CONDITION

Encroachments:

NONE

Miscellaneous Notes:

CLEARANCE OVER MEETING ST. = 16'-01"

CLEARANCE OVER I-26 = 17'-03"

1C) CLEAN AND PAINT BEAMS AND BEARINGS

SCDOT PONTIS BMS ELEMENT DATA FORM

STRUCTURE NO.: 1020005200191

FACILITY CARRIED: US 52 RAMP

CROSSING: CON TO I-26 WBL

INSPECTION DATE: 2 Aug-2012

10 JUL-2014

DECK: 6 SUPERSTRUCTURE: 7 SUBSTRUCTURE: 7

CULVERT: N

[illegible]