

## **APPENDIX F**

### **Appendix/Attachment Title**

Bridges with Fracture Critical Members

### **Appendix/Attachment Revision and Year:**

Version 1.0, 2020

### **Appendix/Attachment Introduction and Discussion**

The NBIS require bridge-specific procedures be on file for bridges with FCMs. SCDOT is required to have procedures for the inspection of a bridge with FCMs in the Bridge File with FCMs on plans and FPDs.

Due to their nature, FCM inspections require more extensive planning and preparation. See Chapter 5 of the BIGD for applicable inspection procedures.

*Information in Appendix F is current at the time of this document's publication. Contact BMO for updated information.*

### **Appendix/Attachment Description**

The bridges shown in this Appendix are bridges which have FCMs. This Appendix shall be maintained by the BIPM or BMO designee.

## Bridges with Fracture Critical Members

Asset ID (NBI 08)	Facility Carried (NBI 07)	Feature Crossed (NBI 06)	District (NBI 02)	County (NBI 03)	Superstructure Type (NBI 042)	Superstructure Type (Name) (NBI 042)
85	C-42-787	S.C.L. RAILROAD	3	SPARTANBURG	10	TRUSS - THRU
181	S-19-68	TURKEY CREEK	2	EDGEFIELD	10	TRUSS - THRU
228	US 17 SB	ASHLEY RIVER	6	CHARLESTON	16	MOVABLE - BASCULE
440	S-33-42	CUFFEYTOWN CREEK	2	MCCORMICK	10	TRUSS - THRU
611	S-33-117	LONG CANE CREEK	2	MCCORMICK	10	TRUSS - THRU
633	S-33-117	BOLD BRANCH	2	MCCORMICK	10	TRUSS - THRU
686	S-26-20	INTRACOASTAL WATERWAY	5	HORRY	17	MOVABLE - SWING
687	S-26-616	INTRACOASTAL WATERWAY	5	HORRY	17	MOVABLE - SWING
707	C-4-1285	BEAVER CR	2	ANDERSON	10	TRUSS - THRU
793	US 501	WACCAMAW RIV SCLRR L-123	5	HORRY	3	GIRDER AND FLOORBEAM SYSTEM
810	SC 23	STEVENS CREEK	2	MCCORMICK	10	TRUSS - THRU
832	C-4-763	BEAVERDAM CR	2	ANDERSON	10	TRUSS - THRU
868	S-23-14	REEDY RIVER	3	GREENVILLE	3	GIRDER AND FLOORBEAM SYSTEM
925	US 21	HARBOR RIVER	6	BEAUFORT	17	MOVABLE - SWING
969	US 76	C.N.& L. RAILROAD	1	RICHLAND	2	STRINGER/MULTI-BEAM OR GIRDER
1109	C-37-634	CHAUGA RIVER	3	OCONEE	10	TRUSS - THRU
1143	C-42-395	CLINCHFIELD RR	3	SPARTANBURG	10	TRUSS - THRU
1144	C-42-10	CEDAR SHOALS CR	3	SPARTANBURG	10	TRUSS - THRU
1146	C-42-1887	CLINCHFIELD RR	3	SPARTANBURG	10	TRUSS - THRU
1163	C-4-656	TRIB TO CHARLES CR	2	ANDERSON	10	TRUSS - THRU
1236	C-4-652	TRIB TO CHARLES CR	2	ANDERSON	10	TRUSS - THRU
1301	C-4-3328	PRICHARD BRANCH	2	ANDERSON	10	TRUSS - THRU
1302	C-4-9046	TRIB. LAKE HARTWELL	2	ANDERSON	10	TRUSS - THRU
1303	SC 703	INTRACOASTAL WATERWAY	6	CHARLESTON	17	MOVABLE - SWING
1541	S-37-32	W FORK LITTLE RIVER	3	OCONEE	10	TRUSS - THRU
1645	SC 93	SOUTHERN RAILROAD	3	PICKENS	2	STRINGER/MULTI-BEAM OR GIRDER
1674	C-4-2168	BIG BRUSHY CREEK	2	ANDERSON	10	TRUSS - THRU
1712	US 17 SB	SOUTH SANTEE RIVER	5	GEORGETOWN	3	GIRDER AND FLOORBEAM SYSTEM
1823	US 17 SB	NORTH SANTEE RIVER	5	GEORGETOWN	3	GIRDER AND FLOORBEAM SYSTEM
1915	C-4-989	BROAD MOUTH CRK	2	ANDERSON	10	TRUSS - THRU
1965	US 21	CONGAREE RIVER	1	LEXINGTON	3	GIRDER AND FLOORBEAM SYSTEM
2108	S-1-159	LONG CANE CREEK	2	ABBEVILLE	10	TRUSS - THRU
2127	C-4-2097	WILSON CR	2	ANDERSON	10	TRUSS - THRU
2295	C-4-866	WILSON CR	2	ANDERSON	10	TRUSS - THRU
2303	SC 171	WAPPOO CREEK	6	CHARLESTON	16	MOVABLE - BASCULE
2469	C-4-1104	ROCKY RIVER	2	ANDERSON	10	TRUSS - THRU
2656	C-4-855	WILSONS CR	2	ANDERSON	10	TRUSS - THRU
3178	C-4-7356	WILSON CR	2	ANDERSON	10	TRUSS - THRU
3186	US 21 BUS	BEAUFORT RIVER	6	BEAUFORT	17	MOVABLE - SWING
3607	US 17 NB	ASHLEY RIVER	6	CHARLESTON	16	MOVABLE - BASCULE
3618	S-13-104	LYNCHES RIVER	4	CHESTERFIELD	1	SLAB
3923	US 76 EB	GREAT PEE DEE RIVER	5	MARION	3	GIRDER AND FLOORBEAM SYSTEM
3996	S-44-16	TYGER RIVER	4	UNION	10	TRUSS - THRU
4260	C-4-2096	WILSONS CR	2	ANDERSON	10	TRUSS - THRU
4403	S-39-277	TWELVE MILE CREEK	3	PICKENS	10	TRUSS - THRU
7320	C-4-839	TRIB TO CROOKED CRK	2	ANDERSON	10	TRUSS - THRU
8516	I-526	COOPER RIVER	6	BERKELEY	10	TRUSS - THRU
9824	US 17	COOPER RIVER, TOWN CREEK	6	CHARLESTON	14	STAYED GIRDER
9826	RAMP OFF I-26 EB	I-26&RAMPSON US 17&US 52	6	CHARLESTON	2	STRINGER/MULTI-BEAM OR GIRDER
9832	US 17 SB	MEETING ST, I-26	6	CHARLESTON	2	STRINGER/MULTI-BEAM OR GIRDER
9973	L-834	INTRACOASTAL WATERWAY	5	HORRY	17	MOVABLE - SWING
10071	C-32-356	RAWLS CREEK	1	LEXINGTON	10	TRUSS - THRU
10090	SC 72	SAVANNAH RIVER	2	ABBEVILLE	3	GIRDER AND FLOORBEAM SYSTEM
10098	US 1 CONN	SAVANNAH RIVER	7	AIKEN	2	STRINGER/MULTI-BEAM OR GIRDER