

THE OFFICE OF NATIONAL BRIDGE INVENTORY BRIDGE MAINTENANCE STRUCTURE INVENTORY AND APPRAISAL REPORT

	IDENTIFICATION	
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 86.8
	Structure Number # 0003210002600100	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000260	Structurally Deficient = NO
	State Highway Department District 1	,
	County Code 63 (4) Place Code	CLASSIFICATION ———— Code—
	Features Intersected RISTERS CREEK	(112) NBIS Bridge Length - YES
	Facility Carried I-26	(104) Highway System - NHS
	Location 1MI NE OF CHAPIN	(26) Functional Class - RURAL-PRIN ART-INT 01
(11)	Milepoint 90.180	(100) Strahnet Highway - STRAH HWY
	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - NONE EXIST N
(13)	LRS Inventory Route & Subroute 001-00026000	(102) Direction of Traffic - 2-WAY TRAFFIC 2
(16)	Latitude 34 Degrees 11 Minutes 10.00 Seconds	(103) Temporary Structure -
(17)	Longitude 81 Degrees 20 Minutes 16.00 Seconds	(105) Federal Lands Highways ·N/A 0
(98)	Border Bridge State Code % SHARE %	(110) Designated National Network - YES 1
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
(43)	Structure Type Main: MATERIAL -CONCRETE	(22) Owner - SCDOT 1
(40)	Type - CULVERT (INCL. FRAME CULV) Code 119	(37) Historical Significance - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION ———Code—
(,	Type - OTHER OR N/A Code 000	(58) Deck - NOT APPLICABLE N
(45)	Number of Spans in Main Unit 2	(59) Superstructure - NOT APPLICABLE N
	Number of Approach Spans 0	(60) Substructure - NOT APPLICABLE N
	Deck Structure Type -N/A Code N	(61) Channel and Channel Protection-BANKS PROT 8
, ,	Wearing Surface / Protective System:	(62) Culverts - INSIGNIFICANT DAMAGE 7
, ,	Type of Wearing Surface - N/A Code N	
	Type of Membrane - N/A Code N	LOAD RATING AND POSTING Code
	Type of Deck Protection - N/A Code N	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - FIELD EVAL 50
(27)	Year Built 1960	(66) Inventory Rating - FIELD EVAL 36
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
, ,	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
` ′	Under - WATERWAY Code 5	Description - OPEN, NO RESTRICT
(28)	Lanes: On Structure = 4 Under Structure = 0	APPRAISAL ————Code—
(29)	Average Daily Traffic 40700	
(30)	Year of ADT 2015 (109) Truck ADT 18 %	(67) Structure Evaluation - BETTER THAN MIN CRITERIA 7
(19)	Bypass, Detour Length 3 MI	(68) Deck Geometry 9
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal N
(48)	Length of Maximum Span 10 FT	(71) Waterway Adequacy 7
	Structure Length 21FT	(72) Approach Roadway Alignment 8
	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features 1011
. ,	Bridge Roadway Width Curb to Curb 87FT	(113) Scour Critical Bridges - CALC SCOUR ABOVE FOO1 8
	Deck Width Out to Out 142.0FT	PROPOSED IMPROVEMENTS
, ,	Approach Roadway Width (W/Shoulders) 87FT	PROPOSED IMPROVEMENTS —
	Bridge Median -NONE Code 0	(75) Type of Work - Code
	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 21.0 FT
	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 87.0 FT	(95) Roadway Improvement Costs \$0
	Min Vert Clear Over Bridge Roadway 99FT 99 IN	(96) Total Project Cost \$0
, ,	Min Vert Underclear Ref - NOT HWY OR RX 0 FT 0 IN	(97) Year of Improvement Cost Estimate 2016
(55)	Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 FT	(114) Future ADT 59829
	Min Lat Underclear Left 0.0 FT	(115) Year of Future ADT 2035
	NAVIGATION DATA	INSPECTIONS —
(38)	Navigation Control -NONE Code 0	(90) Inspection Date 11/2015 (91) Frequency 24 Mo
	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
, ,	Navigation Vertical Clearance FT	A) Fracture Crit Detail NO Mo A)
	Vert-Lift Bridge Nav Min Vert Clear FT	B) Underwater Insp NO Mo B)
1	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)
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THE OFFICE OF STRUCTURE INVENTORY AND APPRAISAL REPORT

	IDENTIFICATION	
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 93.2
	Structure Number # 0003210002620300	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000262	Structurally Deficient = NO
	State Highway Department District 1	
	County Code 63 (4) Place Code	CLASSIFICATION ———— Code
	Features Intersected STREAM	(112) NBIS Bridge Length - YES
	Facility Carried I-26	(104) Highway System - NHS
	Location 3MI E OF CHAPIN	(26) Functional Class - RURAL-PRIN ART-INT 01
(11)	Milepoint 91.970	(100) Strahnet Highway - STRAH HWY
	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - RIGHT STRUCT R
(13)	LRS Inventory Route & Subroute 001-00026000	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16)	Latitude 34 Degrees 10 Minutes 23.00 Seconds	(103) Temporary Structure -
(17)	Longitude 81 Degrees 18 Minutes 40.00 Seconds	(105) Federal Lands Highways ·N/A 0
(98)	Border Bridge State Code % SHARE %	(110) Designated National Network - YES 1
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
(43)	Structure Type Main: MATERIAL -CONCRETE	(22) Owner - SCDOT 1
(40)	Type - CULVERT (INCL. FRAME CULV) Code 119	(37) Historical Significance - NOT DETERMINABLE 4
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION ———Code
()	Type - OTHER OR N/A Code 000	(58) Deck - NOT APPLICABLE N
(45)	Number of Spans in Main Unit 2	(59) Superstructure - NOT APPLICABLE N
	Number of Approach Spans 0	(60) Substructure - NOT APPLICABLE N
	Deck Structure Type - N/A Code N	(61) Channel and Channel Protection-BNK PRT REPAIR 7
	Wearing Surface / Protective System:	(62) Culverts - INSIGNIFICANT DAMAGE 7
	Type of Wearing Surface - N/A Code N	LOAD RATING AND POSTING———Code—
-	Type of Membrane - N/A Code N	LOAD RATING AND FOSTING Code
C)	Type of Deck Protection - N/A Code N	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - LF 99
(27)	Year Built 1960	(66) Inventory Rating - LF 99
(106)	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42)	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	Under - WATERWAY Code 5	Description - OPEN, NO RESTRICT
(28)	Lanes: On Structure = 2 Under Structure = 0	APPRAISAL ——Code
(29)	Average Daily Traffic 24400	
(30)	Year of ADT 2015 (109) Truck ADT 18 %	(67) Structure Evaluation - BETTER THAN MIN CRITERIA 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 9
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal
(48)	Length of Maximum Span 10 FT	(71) Waterway Adequacy
	Structure Length 21 FT	(72) Approach Roadway Alignment 8
(50)	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features
(51)	Bridge Roadway Width Curb to Curb 50FT	(113) Scour Critical Bridges - CALC SCOUR ABOVE FOO1 8
	Deck Width Out to Out 112.0FT	PROPOSED IMPROVEMENTS
(32)	Approach Roadway Width (W/Shoulders) 50FT	John IIII II III III
(33)	Bridge Median - NONE Code 0	(75) Type of Work - Code
	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 21.0 FT
	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 50.0 FT	(95) Roadway Improvement Costs \$0
	Min Vert Clear Over Bridge Roadway 99FT 99 IN	(96) Total Project Cost \$0
	Min Vert Underclear Ref - NOT HWY OR RX 0 FT 0 IN	(97) Year of Improvement Cost Estimate 2016
	Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 FT	(114) Future ADT 35868
(56)	Min Lat Underclear Left 0.0 FT	(115) Year of Future ADT 2035
	NAVIGATION DATA —	INSPECTIONS
(38)	Navigation Control -NONE Code 0	(90) Inspection Date 11/2015 (91) Frequency 24 Mo
	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
(39)	Navigation Vertical Clearance FT	A) Fracture Crit Detail NO Mo A)
(116)	Vert-Lift Bridge Nav Min Vert Clear FT	B) Underwater Insp NO Mo B)
(40)	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)



THE OFFICE OF STRUCTURE INVENTORY AND APPRAISAL REPORT

	IDENTIFICATION	
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 94.2
	Structure Number # 0003210002640300	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000264	Structurally Deficient = NO
	State Highway Department District 1	
	County Code 63 (4) Place Code	CLASSIFICATION ———— Code
	Features Intersected STREAM	(112) NBIS Bridge Length - YES
	Facility Carried I-26	(104) Highway System - NHS
	Location 3MI E OF CHAPIN	(26) Functional Class - RURAL-PRIN ART-INT 01
(11)	Milepoint 91.970	(100) Strahnet Highway - STRAH HWY
(12)	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - LEFT STRUCT L
(13)	LRS Inventory Route & Subroute 001-00026000	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16)	Latitude 34 Degrees 10 Minutes 23.00 Seconds	(103) Temporary Structure -
(17)	Longitude 81 Degrees 18 Minutes 36.00 Seconds	(105) Federal Lands Highways ·N/A 0
(98)	Border Bridge State Code % SHARE %	(110) Designated National Network - YES 1
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT
(43)	Structure Type Main: MATERIAL -CONCRETE	(22) Owner - SCDOT 1
(40)	Type - CULVERT (INCL. FRAME CULV) Code 119	(37) Historical Significance - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION ———Code
``'	Type - OTHER OR N/A Code 000	(58) Deck - NOT APPLICABLE N
(45)	Number of Spans in Main Unit 2	(59) Superstructure - NOT APPLICABLE N
	Number of Approach Spans 0	(60) Substructure - NOT APPLICABLE N
	Deck Structure Type - N/A Code N	(61) Channel and Channel Protection - BANKS PROT 8
	Wearing Surface / Protective System:	(62) Culverts - INSIGNIFICANT DAMAGE 7
(A)	Type of Wearing Surface - N/A Code N	LOAD RATING AND POSTING——Code—
B)	Type of Membrane - N/A Code N	EGAD KATING AND I GOTING GOGE
C)	Type of Deck Protection - N/A Code N	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - LF 99
(27)	Year Built 1960	(66) Inventory Rating - LF 99
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42)	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	Under - WATERWAY Code 5	Description - OPEN, NO RESTRICT
(28)	Lanes: On Structure = 2 Under Structure = 0	APPRAISAL ——Code
(29)	Average Daily Traffic 24400	
(30)	Year of ADT 2015 (109) Truck ADT 18 %	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 9
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal
(48)	Length of Maximum Span 10 FT	(71) Waterway Adequacy
	Structure Length 21 FT	(72) Approach Roadway Alignment 8
	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features
	Bridge Roadway Width Curb to Curb 50FT	(113) Scour Critical Bridges - CALC SCOUR ABOVE FOO1 8
	Deck Width Out to Out 86.5FT	PROPOSED IMPROVEMENTS
	Approach Roadway Width (W/Shoulders) 50FT	THO OOLD IMI NOT LINE (10
(33)	Bridge Median - NONE Code 0	(75) Type of Work - Code
(34)	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 21.0 FT
(10)	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 50.0 FT	(95) Roadway Improvement Costs \$0
	Min Vert Clear Over Bridge Roadway 99FT 99 IN	(96) Total Project Cost \$0
	Min Vert Underclear Ref - NOT HWY OR RX 0 FT 0 IN	(97) Year of Improvement Cost Estimate 2016
	Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 FT	(114) Future ADT 35868
(56)	Min Lat Underclear Left 0.0 FT	(115) Year of Future ADT 2035
	NAVIGATION DATA —	INSPECTIONS
(38)	Navigation Control -NONE Code 0	(90) Inspection Date 11/2015 (91) Frequency 24 Mo
	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
(39)	Navigation Vertical Clearance FT	A) Fracture Crit Detail NO Mo A)
(116)	Vert-Lift Bridge Nav Min Vert Clear FT	B) Underwater Insp NO Mo B)
(40)	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)



THE OFFICE OF STRUCTURE INVENTORY AND APPRAISAL REPORT

	IDENTIFICATION —	
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 96.0
	Structure Number # 0004010002600100	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000260	Structurally Deficient = NO
	State Highway Department District 1	
	County Code 79 (4) Place Code	CLASSIFICATION ————Code
	Features Intersected WATEREE CREEK	(112) NBIS Bridge Length - YES
	Facility Carried I-26	(104) Highway System - NHS
	Location 20MI N OF COLA	(26) Functional Class - RURAL-PRIN ART-INT 01
(11)	Milepoint 92.680	(100) Strahnet Highway - STRAH HWY
(12)	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - NONE EXIST N
(13)	LRS Inventory Route & Subroute 001-00026000	(102) Direction of Traffic - 2-WAY TRAFFIC 2
(16)	Latitude 34 Degrees 10 Minutes 10.00 Seconds	(103) Temporary Structure -
(17)	Longitude 81 Degrees 18 Minutes 6.00 Seconds	(105) Federal Lands Highways ·N/A 0
(98)	Border Bridge State Code % SHARE %	(110) Designated National Network - YES 1
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
(43)	Structure Type Main: MATERIAL -CONCRETE	(22) Owner - SCDOT 1
(40)	Type - CULVERT (INCL. FRAME CULV) Code 119	(37) Historical Significance - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION ———Code
``'	Type - OTHER OR N/A Code 000	(58) Deck - NOT APPLICABLE N
(45)	Number of Spans in Main Unit 2	(59) Superstructure - NOT APPLICABLE N
	Number of Approach Spans 0	(60) Substructure - NOT APPLICABLE N
	Deck Structure Type - N/A Code N	(61) Channel and Channel Protection - BNK SLUMPING 6
1	Wearing Surface / Protective System:	(62) Culverts - INSIGNIFICANT DAMAGE 7
(A)	Type of Wearing Surface - N/A Code N	LOAD RATING AND POSTING——Code—
В)	Type of Membrane - N/A Code N	LOAD RATING AND LOGING GODE
C)	Type of Deck Protection - N/A Code N	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - FIELD EVAL 50
(27)	Year Built 1960	(66) Inventory Rating - FIELD EVAL 36
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42)	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	Under - WATERWAY Code 5	Description - OPEN, NO RESTRICT
(28)	Lanes: On Structure = 4 Under Structure = 0	APPRAISAL ——Code
(29)	Average Daily Traffic 48800	
(30)	Year of ADT 2015 (109) Truck ADT 18 %	(67) Structure Evaluation - BETTER THAN MIN CRITERIA 7
(19)	Bypass, Detour Length 0 MI	(68) Deck Geometry 9
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal N
(48)	Length of Maximum Span 12 FT	(71) Waterway Adequacy 9
1	Structure Length 25 FT	(72) Approach Roadway Alignment 8
	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features
(51)	Bridge Roadway Width Curb to Curb 80FT	(113) Scour Critical Bridges - CALC SCOUR ABOVE FOO1 8
	Deck Width Out to Out 130.0FT	PROPOSED IMPROVEMENTS
	Approach Roadway Width (W/Shoulders) 80FT	THO COLD IN NOTERICATO
	Bridge Median - CLOSED NO BARRIER Code 2	(75) Type of Work - Code
(34)	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 25.0 FT
(10)	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 80.0 FT	(95) Roadway Improvement Costs \$0
	Min Vert Clear Over Bridge Roadway 99FT 99 IN	(96) Total Project Cost \$0
	Min Vert Underclear Ref - NOT HWY OR RX 0 FT 0 IN	(97) Year of Improvement Cost Estimate 2016
	Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 FT	(114) Future ADT 71736
(56)	Min Lat Underclear Left 0.0 FT	(115) Year of Future ADT 2035
	NAVIGATION DATA —	INSPECTIONS —
(38)	Navigation Control -NONE Code 0	(90) Inspection Date 12/2015 (91) Frequency 24 Mo
l .	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
(39)	Navigation Vertical Clearance FT	A) Fracture Crit Detail NO Mo A)
(116)	Vert-Lift Bridge Nav Min Vert Clear FT	B) Underwater Insp NO Mo B)
(40)	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)