SCEƏT 🏄		AL BRIDGE INVENTORY Page 1 of 4 NTORY AND APPRAISAL REPORT
(1) State	e Name - SOUTH CAROLINA Code 45	Sufficiency Rating = 79.4
(8) Stru	cture Number # 000101000260089	Functionally Obsolete = YES
(5) Inve	ntory Route (On/Under) On - 11700026	-
	nty Code 19 (4) Place Code 32	
	tures Intersected EB TO S-32(SPRUILL AVE)	(112) NBIS Bridge Length - YES
	lity Carried I-26 RAMP	(104) Highway System - NHS
(9) Loca	•	(26) Functional Class - URBAN-PRIN ART-INT 11
(11) Mile		
	•	(100) Granner Highway - Strict Horison Der Strict And 2
	Inventory Route & Subroute	(102) Direction of Traffic - 1-WAY TRAFFIC 1
	-	
(16) Latit	-	
	der Bridge State Code % SHARE %	
(99) Bord	der Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
(43) Stru	cture Type Main: MATERIAL -STEEL	(22) Owner - SCDOT 1
	Code 302	(37) Historical Significance - NOT ELIGIBLE 5
	icture Type Appr: MATERIAL -OTHER OR N/A	CONDITION Code
	e - OTHER OR N/A Code 000	
	hber of Spans in Main Unit	
		(60) Substructure - GOOD 7
	k Structure Type -CONCRETE CAST-IN-PLC Code	
	ring Surface / Protective System:	(62) Culverts - NOT APPLICABLE N
	. . .	LOAD RATING AND POSTING Code
	e of Membrane - UNKNOWN Code	
C) Type	e of Deck Protection - UNKNOWN Code	
	AGE AND SERVICE	(64) Operating Rating - AS 53
(27) Year	r Built 196	
	r Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
	e of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
Unc	der - HIGHWAY, WITH OR WITHOUT PEDE: Code	Description - OPEN, NO RESTRICT
(28) Lane	es: On Structure = 1 Under Structure = 10	O APPRAISAL Code
(29) Ave	rage Daily Traffic 3100	
(30) Year	r of ADT 2014 (109) Truck ADT 12 %	(67) Structure Evaluation - EQUAL TO MIN CRITERIA 6
(19) Byp	ass, Detour Length 1 M	(68) Deck Geometry 2
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 3
(40) 1 am		(71) Waterway Adequacy N
	gth of Maximum Span 76 F	(72) Approach Roadway Alignment 8
	icture Length 652F	(36) Traffic Safety Features (0010)
	b or Sidewalk: Left 1.5FT Right 1.5F	(113) Scour Critical Bridges - NOT OVER WATERWAY
	Ige Roadway Width Curb to Curb 21.8F	
. ,	k Width Out to Out 27.4F	
	roach Roadway Width (W/Shoulders) 22F	
	Ige Median -NONE Code	
(34) Skev		
	entory Route Min Vert Clear 99FT 99II	
	entory Route Total Horz Clear 21.8F	
	Vert Clear Over Bridge Roadway 99FT 99 II	
	Vert Underclear Ref - HWY BENEATH 16 FT 1 II	
(55) Min	Lat Underclear Right Ref - HWY BENEATH 9.4 F	(114) Future ADT 7223
(56) Min	Lat Underclear Left 4.2 F	(115) Year of Future ADT 2034
(38) Navi	igation Control -N/A - NO WATERWAY Code	
	Protection - Code	
		(92) Critical Feature Inspection: (93) CFI Date
	igation Vertical Clearance F	,, ,
	-Lift Bridge Nav Min Vert Clear F	B) Underwater Insp NO Mo B)
	igation Horizontal Clearance F	

scoa		L BRIDGE INVENTORY Page 2 of TORY AND APPRAISAL REPORT
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 88.8
(8)	Structure Number # 0001010002600991	Functionally Obsolete = YES
(5)	Inventory Route (On/Under) On - 117000260	Structurally Deficient = NO
	State Highway Department District 6	
	County Code 19 (4) Place Code 328	CLASSIFICATION Code
	Features Intersected SPRUILL CON TO EBL & RR	(112) NBIS Bridge Length - YES
• •	Facility Carried I-26 RAMP	
• • •	Location IN CHARLESTON	(26) Functional Class - URBAN-PRIN ART-INT 17
• •	Milepoint 217.890	(100) Strahnet Highway - STRAH HWY
	Base Highway Network -NOT PART OF NET Code 0	(101) Parallel Structure - NONE EXIST
	LRS Inventory Route & Subroute	(102) Direction of Traffic - 1-WAY TRAFFIC
(16)	Latitude32 Degrees50 Minutes0.75 Seconds	(103) Temporary Structure -
(17)	Longitude 79 Degrees 57 Minutes 28.62 Seconds	(105) Federal Lands Highways N/A
(98)	Border Bridge State Code % SHARE %	(110) Designated National Network - YES
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD
. ,	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT
		(22) Owner - SCDOT
(43)	Structure Type Main: MATERIAL -STEEL	(37) Historical Significance - NOT ELIGIBLE
	Type - 2 Code 302	
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION Code
	Type - OTHER OR N/A Code 000	(58) Deck - SATISFACTORY
(45)	Number of Spans in Main Unit 19	(59) Superstructure - GOOD
	Number of Approach Spans 0	(60) Substructure - SATISFACTORY
	Deck Structure Type -CONCRETE CAST-IN-PLC Code 1	(61) Channel and Channel Protection - N/A
	Wearing Surface / Protective System:	(62) Culverts - NOT APPLICABLE
	Type of Wearing Surface - MONO CONCRETE Code 1	
-		LOAD RATING AND POSTING Code
-	Type of Membrane - UNKNOWN Code 8	
C)	Type of Deck Protection - UNKNOWNCode8	(31) Design Load - HS 20
	AGE AND SERVICE	(64) Operating Rating - LF 97
(27)	Year Built 1963	(66) Inventory Rating - LF 54
(106)	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS
(42)	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed -
	Under - HIGHWAY-RAILROAD Code 4	Description - OPEN, NO RESTRICT
(28)	Lanes: On Structure = 1 Under Structure = 12	APPRAISALCode
• •	Average Daily Traffic 2600	
	Year of ADT 2014 (109) Truck ADT 12 %	(67) Structure Evaluation - EQUAL TO MIN CRITERIA
• •	Bypass, Detour Length 1 MI	(68) Deck Geometry
(13)		
	GEOMETRIC DATA	
(48)	Length of Maximum Span 97 FT	(71) Waterway Adequacy
	Structure Length 1190FT	(72) Approach Roadway Alignment
	Curb or Sidewalk: Left 1.5 FT Right 1.5 FT	(36) Traffic Safety Features 0010
• •	Bridge Roadway Width Curb to Curb 21FT	(113) Scour Critical Bridges - NOT OVER WATERWAY
	Deck Width Out to Out 26.6FT	
• •		PROPOSED IMPROVEMENTS
		(75) Turns of Work
	Bridge Median - NONE Code 0	(75) Type of Work - Code
• •	Skew 99 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 1190.0 FT
	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 21.0FT	(95) Roadway Improvement Costs \$0
(53)	Min Vert Clear Over Bridge Roadway99FT99 IN	(96) Total Project Cost \$0
(54)	Min Vert Underclear Ref - HWY BENEATH 17 FT 3 IN	(97) Year of Improvement Cost Estimate 2015
(55)	Min Lat Underclear Right Ref - HWY BENEATH 8.0 FT	(114) Future ADT 6058
	Min Lat Underclear Left 9.0 FT	(115) Year of Future ADT 2034
(
	Navigation Control -N/A - NO WATERWAY Code N	(90) Inspection Date 08/2014 (91) Frequency 24 Mc
	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 ClearFTNavigation Horizontal ClearanceFT	B) Underwater Insp NO Mo B)

scoa		L BRIDGE INVENTORY Page 3 of 4 TORY AND APPRAISAL REPORT
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 85.7
	Structure Number # 0001010002600992	Functionally Obsolete = YES
	Inventory Route (On/Under) On - 117000260	Structurally Deficient = NO
	State Highway Department District 6	
	County Code 19 (4) Place Code 328	CLASSIFICATION Code
		(440) NDIC Bridge Longth
	Features Intersected WBL CON TO SPRUILL & RR	(112) NBIS Bridge Length - YES
	Facility Carried I-26 RAMP	(104) Highway System - NHS 1
	Location IN CHARLESTON	(26) Functional Class - URBAN-PRIN ART-INT 11
(11)	Milepoint 217.890	(100) Strahnet Highway - STRAH ON/UNDER STRAH 2
(12)	Base Highway Network -NOT PART OF NET Code 0	(101) Parallel Structure - NONE EXIST N
(13)	LRS Inventory Route & Subroute	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16)	Latitude 32 Degrees 50 Minutes 4.96 Seconds	(103) Temporary Structure -
(17)	Longitude 79 Degrees 57 Minutes 26.78 Seconds	(105) Federal Lands Highways N/A 0
	Border Bridge State Code % SHARE %	(110) Designated National Network - YES 1
	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
(00)	-	(21) Maintain - SCDOT
	STRUCTURE TYPE AND MATERIAL	(22) Owner - SCDOT 1
(43)	Structure Type Main: MATERIAL -STEEL	(37) Historical Significance - NOT ELIGIBLE 5
	Type - 2 Code 302	(37) HISTORICAI SIGNIFICANCE - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION Code
. ,	Type - OTHER OR N/A Code 000	(58) Deck - GOOD 7
(45)	Number of Spans in Main Unit 10	(59) Superstructure - GOOD 7
	Number of Approach Spans 0	(60) Substructure - GOOD 7
	Deck Structure Type -CONCRETE CAST-IN-PLC Code 1	(61) Channel and Channel Protection - N/A N
	Wearing Surface / Protective System:	(62) Culverts - NOT APPLICABLE N
	Type of Wearing Surface - MONO CONCRETE Code 1	LOAD RATING AND POSTING Code
	Type of Membrane- UNKNOWNCode8	
C)	Type of Deck Protection - UNKNOWNCode8	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - LF 91
(27)	Year Built 1963	(66) Inventory Rating - LF 54
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
(,	Under - HIGHWAY-RAILROAD Code 4	Description - OPEN, NO RESTRICT
(29)	Lanes: On Structure = 1 Under Structure = 8	
• • •		APPRAISAL Code
	Average Daily Traffic 3100	
	Year of ADT 2014 (109) Truck ADT 12 %	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 2
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 3
(48)	Length of Maximum Span 80 FT	(71) Waterway Adequacy N
	Structure Length 646 FT	(72) Approach Roadway Alignment 8
		(36) Traffic Safety Features 0010
• •		(113) Scour Critical Bridges - NOT OVER WATERWAY N
	Bridge Roadway Width Curb to Curb 21FT	
	Deck Width Out to Out 26.6FT	PROPOSED IMPROVEMENTS
	Approach Roadway Width (W/Shoulders)21FT	
	Bridge Median -NONE Code 0	(75) Type of Work - Code
• •	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 646.0 FT
(10)	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
(47)	Inventory Route Total Horz Clear 21.0 FT	(95) Roadway Improvement Costs \$0
	Min Vert Clear Over Bridge Roadway 99FT 99 IN	(96) Total Project Cost \$0
	Min Vert Underclear Ref - HWY BENEATH 17 FT 3 IN	(97) Year of Improvement Cost Estimate 2015
	Min Lat Underclear Right Ref -HWY BENEATH 8.0 FT	(114) Future ADT 7223
	Min Lat Underclear Kight Kei HWH BENEATH 0.0FT	(115) Year of Future ADT 2034
(50)		
	NAVIGATION DATA	INSPECTIONS
	Navigation Control -N/A - NO WATERWAY Code N	(90) Inspection Date 08/2014 (91) Frequency 24 Mo
(38)		(00) Oritical Eastern Insurantians (00) OFI Date
	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
(111)	Pier Protection - Code Navigation Vertical Clearance FT	
(111) (39)		

	AL BRIDGE INVENTORY Page 4 of 4
BRIDGE MAINTENANCE STRUCTURE INVE	NTORY AND APPRAISAL REPORT
	Sufficiency Poting 00.4
(1) State Name - SOUTH CAROLINA Code 45	, ,
(8) Structure Number # 000102000520019	
(5) Inventory Route (On/Under) On - 12700052	
(,	CLASSIFICATION ————————————————————————————————————
(3) County Code 19 (4) Place Code	
(6) Features Intersected CON TO I-26 WBL	(112) NBIS Bridge Length - YES
(7) Facility Carried US 52 RAMP	(104) Highway System - NOT NHS 0
(9) Location 1 MI E SC RT 7 IN CHAS	(26) Functional Class - URBAN-PRIN ART-OTH 13
(11) Milepoint 3.32	
	(101) Parallel Structure - LEFT STRUCT
(12) LRS Inventory Route & Subroute	(102) Direction of Traffic - 1-WAY TRAFFIC
.,	
(16) Latitude 32 Degrees 50 Minutes 13.64 Second	() I)
(17) Longitude 79 Degrees 57 Minutes 38.76 Second	
(98) Border Bridge State Code % SHARE %	
(99) Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
	(22) Owner - SCDOT 1
(43) Structure Type Main: MATERIAL -STEEL	(37) Historical Significance - NOT ELIGIBLE 5
Type - 2 Code 30.2	
(44) Structure Type Appr: MATERIAL -PRESTRESSED CON	CONDITION Code
Type - STRINGER/MULTI-BEAM OR GIRD Code 502	2 (58) Deck - SATISFACTORY 6
(45) Number of Spans in Main Unit	(59) Superstructure - GOOD 7
(46) Number of Approach Spans	5 (60) Substructure - GOOD 7
(107) Deck Structure Type -CONCRETE CAST-IN-PLC Code	
(108) Wearing Surface / Protective System:	(62) Culverts - NOT APPLICABLE N
A) Type of Wearing Surface - MONO CONCRETE Code	
B) Type of Membrane - UNKNOWN Code	
C) Type of Deck Protection - UNKNOWN Code	() 0
AGE AND SERVICE	(64) Operating Rating - AS 51
(27) Year Built 196	
(106) Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42) Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	1 Description - OPEN, NO RESTRICT
(28) Lanes: On Structure = 1 Under Structure =	
(29) Average Daily Traffic 140	
(19) Bypass, Detour Length 1 M	
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 5
(48) Length of Maximum Span 133 F	. (71) Waterway Adequacy N
(49) Structure Length 1056F	(72) Approach Roadway Alignment 8
· · ·	(36) Trattic Satety Features (0010)
(50) Curb or Sidewalk: Left 1.5FT Right 1.5F	(113) Scour Critical Bridges - NOT OVER WATERWAY
(51) Bridge Roadway Width Curb to Curb 21.8F	
(52) Deck Width Out to Out 27.4F	
(32) Approach Roadway Width (W/Shoulders) 26F	
(33) Bridge Median -NONE Code	
(34) Skew 99 Deg (35) Structure Flared NC	(76) Length of Structure Improvement 1056.0 FT
(10) Inventory Route Min Vert Clear 99 FT 99 II	
(47) Inventory Route Total Horz Clear 21.8F	
(53) Min Vert Clear Over Bridge Roadway 99FT 99 II	
(54) Min Vert Underclear Ref - HWY BENEATH 16 FT 4 II	
(56) Min Lat Underclear Left 0.0 F	
NAVIGATION DATA	INSPECTIONS
(38) Navigation Control -N/A - NO WATERWAY Code	(90) Inspection Date 07/2014 (91) Frequency 24 Mo
(111) Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
(39) Navigation Vertical Clearance	
(116) Vert-Lift Bridge Nav Min Vert Clear	
(40) Navigation Horizontal Clearance	
	C) Other Special Insp NO Mo C)