scoa		L BRIDGE INVENTORY Page 1 of 10 ITORY AND APPRAISAL REPORT
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 92.2
• • • •	Structure Number # 0004010007711400	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000771	Structurally Deficient = NO
	State Highway Department District	
	County Code 79 (4) Place Code	CLASSIFICATION Code-
		(112) NDIS Bridge Length
	Features Intersected I-20 & I-20 RAMP	(112) NBIS Bridge Length - YES
	Facility Carried I-77 NBL	(104) Highway System - NHS 1
	Location 9 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
	Milepoint 15.810	(100) Strahnet Highway - STRAH ON/UNDER STRAH 2
(12)	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - RIGHT STRUCT R
(13)	LRS Inventory Route & Subroute 001-00077000	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16)	Latitude 34 Degrees 4 Minutes 2.00 Seconds	(103) Temporary Structure -
(17)	Longitude 80 Degrees 55 Minutes 19.00 Seconds	(105) Federal Lands Highways N/A 0
(98)	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 CONT	(37) Historical Significance - NOT ELIGIBLE 5
	Type - 2 Code 402	(37) HISTORICAI SIGNIFICANCE - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -STEEL	CONDITION Code-
	Type - STRINGER/MULTI-BEAM OR GIRD Code 302	(58) Deck - VERY GOOD 8
(45)	Number of Spans in Main Unit 3	(59) Superstructure - GOOD 7
	Number of Approach Spans 2	(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 - UNKNOWN Code 8	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - LF 63
(27)	Year Built 1985	(66) Inventory Rating - LF 38
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
(/	Under - HIGHWAY, WITH OR WITHOUT PEDE: Code 1	Description ODEN NO DESTRICT
(29)	Lanes: On Structure = 2 Under Structure = 8	
		APPRAISAL Code-
	Average Daily Traffic 36250	
	Year of ADT 2013 (109) Truck ADT 12 %	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 7
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 5
(48)	Length of Maximum Span 92 FT	(71) Waterway Adequacy N
	÷ .	(72) Approach Roadway Alignment 8
	Structure Length 370FT	(36) Traffic Safety Features 1111
. ,	Curb or Sidewalk: Left 0.0FT Right 0.0FT	(113) Scour Critical Bridges - NOT OVER WATERWAY N
	Bridge Roadway Width Curb to Curb 41FT	
. ,	Deck Width Out to Out 44.4FT	PROPOSED IMPROVEMENTS —
	Approach Roadway Width (W/Shoulders) 41FT	
(33)	Bridge Median -NONE Code 0	(75) Type of Work - Code
(34)	Skew 25 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 370.0 FT
(10)	Inventory Route Min Vert Clear 99FT 99IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 41.0FT	(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 21 FT 0 IN	(97) Year of Improvement Cost Estimate 2014
. ,	Min Lat Underclear Right Ref -HWY BENEATH 12.0 FT	(114) Future ADT 44225
	-	
(56)	Min Lat Underclear Left 7.0 FT	(115) Year of Future ADT 2033
	NAVIGATION DATA	INSPECTIONS
(38)	Navigation Control -N/A - NO WATERWAY Code N	(90) Inspection Date 01/2014 (91)Frequency 24 Mo
	Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
	Navigation Vertical Clearance FT	A) Fracture Crit Detail N() Mo A)
(39)	Navigation Vertical ClearanceFTVert-Lift Bridge Nav Min Vert ClearFT	A) Fracture Crit DetailNOMoA)B) Underwater InspNOMoB)

SCD9		L BRIDGE INVENTORY Page 2 of 10 TORY AND APPRAISAL REPORT
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 90.2
	Structure Number # 0004010007731400	Functionally Obsolete = NO
	Inventory Route (On/Under) On - 111000773	Structurally Deficient = NO
	State Highway Department District	Structurally Dencient = NO
		CLASSIFICATION Code-
	County Code 79 (4) Place Code	
	Features Intersected I-20 & I-20 RAMP	(112) NBIS Bridge Length - YES
	Facility Carried I-77 SBL	(104) Highway System - NHS
	Location 9 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
(11)	Milepoint 15.870	(100) Strahnet Highway - STRAH ON/UNDER STRAH 2
(12)	Base Highway Network - PART OF NET Code 1	(101) Parallel Structure - LEFT STRUCT
(13)	LRS Inventory Route & Subroute 001-00077000	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16)	Latitude 34 Degrees 4 Minutes 3.00 Seconds	(103) Temporary Structure -
(17)	Longitude 80 Degrees 55 Minutes 21.00 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 CONT	
	Type - 2 Code 402	(37) Historical Significance - NOT ELIGIBLE 5
(44)	Structure Type Appr: MATERIAL -STEEL	CONDITION COde
(,	Type - STRINGER/MULTI-BEAM OR GIRD Code 302	(58) Deck - GOOD 7
(45)	Number of Spans in Main Unit 3	(59) Superstructure - VERY GOOD 8
		(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
B)	Type of Membrane- UNKNOWNCode8	
C)	Type of Deck Protection - UNKNOWNCode8	(31) Design Load - HS 20 5
	AGE AND SERVICE	(64) Operating Rating - LF 64
(27)	Year Built 1985	(66) Inventory Rating - LF 38
	Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
	Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
(72)	Under - HIGHWAY, WITH OR WITHOUT PEDE: Code 1	Description - OPEN, NO RESTRICT
(20)		-
· · · /	Lanes: On Structure = 3 Under Structure = 8	APPRAISAL ——Code-
	Average Daily Traffic 36250	
	Year of ADT 2013 (109) Truck ADT 12 %	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 4
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 5
(48)	Length of Maximum Span 92 FT	(71) Waterway Adequacy N
		(72) Approach Roadway Alignment 8
	Structure Length 370 FT	(36) Traffic Safety Features 1111
	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(113) Scour Critical Bridges - NOT OVER WATERWAY N
	Bridge Roadway Width Curb to Curb 47.5FT	
	Deck Width Out to Out 51.2FT	PROPOSED IMPROVEMENTS
	Approach Roadway Width (W/Shoulders)47FT	
(33)	Bridge Median - OPEN Code 1	(75) Type of Work - Code
(34)	Skew 25 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 370.0 FT
(10)	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 47.5 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 21 FT 0 IN	(97) Year of Improvement Cost Estimate 2014
	Min Lat Underclear Right Ref - HWY BENEATH 12.0 FT	
(56)	Min Lat Underclear Left7.0 FT	(115) Year of Future ADT 2033
	NAVIGATION DATA	INSPECTIONS
(38)	Navigation Control -N/A - NO WATERWAY Code N	(90) Inspection Date 01/2014 (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)
	-	
(40)	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)

	NAL BRIDGE INVENTORY Page 3 of 10 ENTORY AND APPRAISAL REPORT
(1) State Name - SOUTH CAROLINA Code 4	54 Sufficiency Rating = 89.9
(8) Structure Number # 00040100077115	
(5) Inventory Route (On/Under) On - 1110007	-
(2) State Highway Department District	
(3) County Code 79 (4) Place Code	CLASSIFICATION Code
(6) Features Intersected I-77 RAMP	(112) NBIS Bridge Length - YES
(7) Facility Carried I-77 NBL	(104) Highway System - NHS
(9) Location 9 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
(11) Milepoint 15.9	
(12) Base Highway Network -PART OF NET Code	1 (101) Parallel Structure - RIGHT STRUCT R
(13) LRS Inventory Route & Subroute 001-000770	00 (102) Direction of Traffic - 1-WAY TRAFFIC 1
(16) Latitude 34 Degrees 4 Minutes 10.00 Secon	ds (103) Temporary Structure -
(17) Longitude 80 Degrees 55 Minutes 23.00 Secon	ds (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
	(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 3	02 (37) HISTORICAI Significance - NOT ELIGIBLE 5
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION Code-
Type - OTHER OR N/A Code 0	00 (58) Deck - VERY GOOD 8
(45) Number of Spans in Main Unit	3 (59) Superstructure - VERY GOOD 8
(46) Number of Approach Spans	0 (60) Substructure - GOOD 7
(107) Deck Structure Type -CONCRETE CAST-IN-PLC Code	
(108) Wearing Surface / Protective System:	(62) Culverts - NOT APPLICABLE N
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	LOAD RATING AND POSTING Code
B) Type of Membrane - UNKNOWN Code	
C) Type of Deck Protection - UNKNOWN Code	
AGE AND SERVICE	(64) Operating Rating - LF 99.9
(27) Year Built 19	84(66) Inventory Rating - LF60
(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 - HIGHWAY, WITH OR WITHOUT PEDE:Code	1 Description - OPEN, NO RESTRICT
(28) Lanes: On Structure = 2 Under Structure =	
	APPRAISAL —————————Code-
(29) Average Daily Traffic 268	
(30) Year of ADT 2013 (109) Truck ADT 12	
(19) Bypass, Detour Length 1	MI (68) Deck Geometry 7
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 3
(48) Length of Maximum Span 82	T (71) Waterway Adequacy N
(49) Structure Length 197	(72) Approach Roadway Alignment
	(36) Traffic Safety Features 1111
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0	(113) Scour Critical Bridges - NOT OVER WATERWAY
(51) Bridge Roadway Width Curb to Curb 41	
(52) Deck Width Out to Out 44.4	
(32) Approach Roadway Width (W/Shoulders) 41	
(33) Bridge Median -NONE Code	
(34) Skew 5 Deg (35) Structure Flared	IO(76) Length of Structure Improvement197.0 FT
	IN (94) Bridge Improvement Cost \$0
(47) Inventory Route Total Horz Clear 41.0	
	IN (96) Total Project Cost \$0
	IN (97) Year of Improvement Cost Estimate 2014
(55) Min Lat Underclear Right Ref -HWY BENEATH 24.0	
(56) Min Lat Underclear Left 0.0	
NAVIGATION DATA	
(38) Navigation Control -N/A - NO WATERWAY Code	N (90) Inspection Date 01/2014 (91) Frequency 24 Mo
(111) Pier Protection - Code	(92) Critical Feature Inspection: (93) CFI Date
	FTA) Fracture Crit DetailNOMoA)
(40) Navigation Horizontal Clearance	FT C) Other Special Insp NO Mo C)

	L BRIDGE INVENTORY Page 4 of 10 ITORY AND APPRAISAL REPORT
(1) State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 89.9
(8) Structure Number # 0004010007731500	yyy
(5) Inventory Route (On/Under) On - 111000773	
(2) State Highway Department District	
(3) County Code 79 (4) Place Code	CLASSIFICATION Code
(6) Features Intersected I-77 RAMP	(112) NBIS Bridge Length - YES
(7) Facility Carried I-77 SBL	(104) Highway System - NHS
(9) Location 9 MI E COLUMBIA	(104) Functional Class - URBAN-PRIN ART-INT 11
(1) Milepoint 15.980	
(12) Base Highway Network -PART OF NET Code 1	
(12) Lase inginary Network 4 AKT of NET Code (13) LRS Inventory Route & Subroute 001-00077000	
(16) Latitude 34 Degrees 4 Minutes 7.00 Seconds	
(17) Longitude 80 Degrees 55 Minutes 24.00 Seconds	
(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
(43) Structure Type Main: MATERIAL -STEEL	(22) Owner - SCDOT 1
Type - 2 Code 302	(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 - VERY GOOD 8
(45) Number of Spans in Main Unit 3	(59) Superstructure - VERY GOOD 8
(46) Number of Approach Spans 0	(60) Substructure - GOOD 7
(107) Deck Structure Type -CONCRETE CAST-IN-PLC Code 1	(61) Channel and Channel Protection - N/A N
(108) Wearing Surface / Protective System:	(62) Culverts - NOT APPLICABLE N
A) Type of Wearing Surface - MONO CONCRETE Code 1	
B) Type of Membrane - UNKNOWN Code 8	LOAD RATING AND POSTING Code
C) Type of Deck Protection - UNKNOWN Code 8	
AGE AND SERVICE	(64) Operating Rating - LF 94
	(66) Inventory Rating - LF 56
(27) Year Built 1984	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(106) Year Reconstructed	(41) Structure Open, Posted or Closed - A
(42) Type of Service On -HIGHWAY	Description ODEN NO DESTRICT
Under - HIGHWAY, WITH OR WITHOUT PEDE: Code 1	
(28) Lanes: On Structure = 2 Under Structure = 1	APPRAISAL Code
(29) Average Daily Traffic 26850	
(30) Year of ADT 2013 (109) Truck ADT 12 %	(67) Structure Evaluation - BETTER THAN MIN CRITERIA 7
(19) Bypass, Detour Length 1 MI	(68) Deck Geometry 7
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 3
(48) Length of Maximum Span 82 FT	(71) Waterway Adequacy N
(49) Structure Length 164FT	(72) Approach Roadway Alignment 8
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features 1111
(51) Bridge Roadway Width Curb to Curb 41FT	(113) Scour Critical Bridges - NOT OVER WATERWAY N
(52) Deck Width Out to Out 44.4FT	
(32) Approach Roadway Width (W/Shoulders) 41FT	PROPOSED IMPROVEMENTS
(33) Bridge Median -NONE Code 0	(75) Type of Work - Code
(34) Skew 5 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 164.0 FT
(10) Inventory Route Min Vert Clear 21 FT 2 IN	(94) Bridge Improvement Cost \$0
(47) Inventory Route Total Horz Clear 41.0FT	
(53) Min Vert Clear Over Bridge Roadway 21FT 2 IN	
(53) Min Vert Clear Over Bridge Roadway 2111 2110 (54) Min Vert Underclear Ref - HWY BENEATH 18 FT 3 IN	
(55) Min Lat Underclear Right Ref -HWY BENEATH 24.0 FT	
NAVIGATION DATA	INSPECTIONS
(38) Navigation Control -N/A - NO WATERWAY Code N	(,
(111) 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	D) Hadamustan Inon NO Ma D)
(40) Navigation Horizontal Clearance	B) Underwater Insp NO Mo B)

sce		L BRIDGE INVENTORY Page 5 of 10 TORY AND APPRAISAL REPORT
(1)	State Name - SOUTH CAROLINA Code 454	Sufficiency Rating = 91.9
	Structure Number # 0004010007711600	Functionally Obsolete = NO
1.1	Inventory Route (On/Under) On - 111000771	Structurally Deficient = NO
	State Highway Department District	
	County Code 79 (4) Place Code	CLASSIFICATION Code
	Features Intersected WINDSOR LAKE BLVD S-1196	(112) NBIS Bridge Length - YES
	Facility Carried I-77 NBL	(104) Highway System - NHS
	Location 9 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
	Milepoint 16.240	(100) Strahnet Highway - STRAH HWY 1
	Base Highway Network -PART OF NET Code 1	(101) Parallel Structure - RIGHT STRUCT R
	LRS Inventory Route & Subroute 001-00077000	(102) Direction of Traffic - 1-WAY TRAFFIC
	Latitude 34 Degrees 4 Minutes 20.00 Seconds	(103) Temporary Structure -
	Longitude 80 Degrees 55 Minutes 34.00 Seconds	(105) Federal Lands Highways N/A 0
		(100) Pederal Lanus Fighways WA 0 (110) Designated National Network - YES 1
	0	
(99)	Border Bridge Structure No. #	(20) Toll - ON FREE ROAD 3
	STRUCTURE TYPE AND MATERIAL	(21) Maintain - SCDOT 1
(43)	Structure Type Main: MATERIAL -STEEL	(22) Owner - SCDOT
	Type - 2 Code 302	(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 - GOOD 7
(45)	Number of Spans in Main Unit 3	(59) Superstructure - VERY GOOD 8
	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	
-	Type of Membrane - UNKNOWN Code 8	LOAD RATING AND POSTING Code
-	Type of Deck Protection - UNKNOWN Code 8	(31) Design Load - HS 20 5
0,		(64) Operating Rating - AS 62
(07)	AGE AND SERVICE	(66) Inventory Rating - AS 37
	Year Built 1984	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
	Year Reconstructed	(41) Structure Open, Posted or Closed - A
(42)	Type of Service On -HIGHWAY	Description - OPEN, NO RESTRICT
(22)	Under - HIGHWAY, WITH OR WITHOUT PEDE Code 1	•
	Lanes: On Structure = 3 Under Structure = 2	APPRAISAL ——Code-
	Average Daily Traffic 26850	
	Year of ADT 2013 (109) Truck ADT 12 %	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19)	Bypass, Detour Length 1 MI	(68) Deck Geometry 6
	GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 4
(48)	Length of Maximum Span 88 FT	(71) Waterway Adequacy N
	Structure Length 169FT	(72) Approach Roadway Alignment 8
	Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features 1111
	Bridge Roadway Width Curb to Curb 55FT	(113) Scour Critical Bridges - NOT OVER WATERWAY N
	Deck Width Out to Out 58.0FT	
. ,	Approach Roadway Width (W/Shoulders) 55FT	
	Bridge Median -NONE Code 0	(75) Type of Work - Code
	Skew 0 Deg (35) Structure Flared NO	(76) Length of Structure Improvement 169.0 FT
	Inventory Route Min Vert Clear 99 FT 99 IN	(94) Bridge Improvement Cost \$0
	Inventory Route Total Horz Clear 55.0FT	(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 21 FT 5 IN	(97) Year of Improvement Cost Estimate 2014
	Min Lat Underclear Right Ref - HWY BENEATH 5.0 FT	(114) Future ADT 32757
	-	
(30)		
	NAVIGATION DATA	INSPECTIONS
	Navigation Control -N/A - NO WATERWAY Code N	(90) Inspection Date 01/2014 (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)
(40)	Navigation Horizontal Clearance FT	C) Other Special Insp NO Mo C)

	AL BRIDGE INVENTORY Page 6 of 10 NTORY AND APPRAISAL REPORT
(1) State Name - SOUTH CAROLINA Code 45	Sufficiency Rating = 91.9
(8) Structure Number # 000401000773160	
(5) Inventory Route (On/Under) On - 11100077	-
(3) County Code 79 (4) Place Code	CLASSIFICATION Code
(6) Features Intersected WINDSOR LAKE BLVD S-1196	(112) NBIS Bridge Length - YES
(7) Facility Carried I-77 SBL	(104) Highway System - NHS 1
(9) Location 9 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
(11) Milepoint 16.34	
	(101) Parallel Structure - LEFT STRUCT
(13) LRS Inventory Route & Subroute 001-0007700	(102) Direction of Traffic - 1-WAY TRAFFIC
(16) Latitude 34 Degrees 4 Minutes 18.00 Second	(103) Temporary Structure -
(17) Longitude 80 Degrees 55 Minutes 34.00 Second	
(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
	(22) Owner - SCDOT 1
(43) Structure Type Main: MATERIAL -STEEL	(37) Historical Significance - NOT ELIGIBLE 5
Type - 2 Code 302	
(44) Structure Type Appr: MATERIAL -OTHER OR N/A	CONDITION Code
Type - OTHER OR N/A Code 000	
	(59) Superstructure - VERY GOOD 8
	(60) Substructure - VERY GOOD 8
(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	LUAD RATING AND PUSTING Code
B) Type of Membrane - UNKNOWN Code	
C) Type of Deck Protection - UNKNOWN Code	
AGE AND SERVICE	(64) Operating Rating - AS 71
(27) Year Built 198	
(106) Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42) Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	Description - OPEN, NO RESTRICT
	Code-
(29) Average Daily Traffic 26850	
(30) Year of ADT 2013 (109) Truck ADT 12 %	
(19) Bypass, Detour Length 1 M	
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal
(48) Length of Maximum Span 88 F	. (71) Waterway Adequacy N
(49) Structure Length 169F	. (72) Approach Roadway Alignment 8
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 F	. (36) Traffic Safety Features 1111
(51) Bridge Roadway Width Curb to Curb 41F	. (113) Scour Critical Bridges - NOT OVER WATERWAY N
(52) Deck Width Out to Out 44.4F	- PROPOSED IMPROVEMENTS
(32) Approach Roadway Width (W/Shoulders) 41F	
(33) Bridge Median - NONE Code	(75) Type of Work - Code
(34) Skew 0 Deg (35) Structure Flared NC	
(10) Inventory Route Min Vert Clear 99 FT 99 II	
(47) Inventory Route Total Horz Clear 41.0F	(95) Roadway Improvement Costs \$0
(53) Min Vert Clear Over Bridge Roadway 99FT 99 II	(96) Total Project Cost \$0
(54) Min Vert Underclear Ref - HWY BENEATH 21 FT 5 II	(97) Year of Improvement Cost Estimate 2014
(55) Min Lat Underclear Right Ref - HWY BENEATH 5.0 F	(114) Future ADT 32757
(56) Min Lat Underclear Left 0.0 F	
(38) Navigation Control -N/A - NO WATERWAY Code	
(111) Pier Protection - Code	
(39) Navigation Vertical Clearance	
(116) Vert-Lift Bridge Nav Min Vert Clear	
(40) Navigation Horizontal Clearance	· · · · ·
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	AL BRIDGE INVENTORY Page 7 of 10 NTORY AND APPRAISAL REPORT
(1) State Name - SOUTH CAROLINA Code 45	Sufficiency Rating = 94.0
(8) Structure Number # 000401000771170	
(5) Inventory Route (On/Under) On - 11100077	-
	······································
(3) County Code 79 (4) Place Code	CLASSIFICATION Code
(6) Features Intersected WINDSOR LAKE/JACKSON CR	(112) NBIS Bridge Length - YES
(7) Facility Carried I-77 NBL	(104) Highway System - NHS 1
(9) Location 8 MI E COLUMBIA	(26) Functional Class - URBAN-PRIN ART-INT 11
(11) Milepoint 16.60	(100) Strahnet Highway - STRAH HWY 1
(12) Base Highway Network - PART OF NET Code	(101) Parallel Structure - RIGHT STRUCT R
(13) LRS Inventory Route & Subroute 001-0007700	(102) Direction of Traffic - 1-WAY TRAFFIC 1
(16) Latitude 34 Degrees 4 Minutes 26.00 Seconds	s (103) Temporary Structure -
(17) Longitude 80 Degrees 55 Minutes 47.00 Seconds	(105) Federal Lands Highways N/A 0
(98) Border Bridge State Code % SHARE %	6 (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 CONT	(22) Owner - SCDOT 1
Type - 1 Code 20	(37) Historical Significance - NOT ELIGIBLE 5
(44) Structure Type Appr: MATERIAL -STEEL	CONDITION COde
Type - STRINGER/MULTI-BEAM OR GIRD Code 302	
	(59) Superstructure - GOOD 7
(46) Number of Approach Spans	
(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	LUAD RATING AND PUSTING COde
C) Type of Deck Protection - UNKNOWN Code	
AGE AND SERVICE	(64) Operating Rating - LF 84
(27) Year Built 198-	
(106) Year Reconstructed	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS 5
(42) Type of Service On -HIGHWAY	(41) Structure Open, Posted or Closed - A
	5 Description - OPEN, NO RESTRICT
(28) Lanes: On Structure = 2 Under Structure = 0	APPRAISAL Code-
(29) Average Daily Traffic 26850	
(30) Year of ADT 2013 (109) Truck ADT 12 %	
(19) Bypass, Detour Length 1 M	
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal N
	. (71) Waterway Adequacy 7
(48) Length of Maximum Span60 F(49) Structure Length360 F	(72) Approach Roadway Alignment 8
(50) Curb or Sidewalk: Left 0.0 FT Right 0.0 FT	(36) Traffic Safety Features 1111
(51) Bridge Roadway Width Curb to Curb 41FT	(113) Scour Critical Bridges - SCOUR WITHINT MILS 5
(52) Deck Width Out to Out 44.4F	
(32) Approach Roadway Width (W/Shoulders) 41F	
(33) Bridge Median -NONE Code	
(34) Skew 0 Deg (35) Structure Flared NC	
(10) Inventory Route Min Vert Clear 99 FT 99 II	
(47) Inventory Route Total Horz Clear 41.0F	
(53) Min Vert Clear Over Bridge Roadway 99FT 99 II	
(54) Min Vert Underclear Ref - NOT HWY OR R ³ 0 FT 0 II	
(55) Min Lat Underclear Right Ref -NOT HWY OR RXR 99.9 F	
(56) Min Lat Underclear Left 0.0F	
	INSPECTIONS
	(90) Inspection Date 02/2014 (91)Frequency 24 Mo
(111) Pier Protection - Code	
(39) Navigation Vertical Clearance	
(116) Vert-Lift Bridge Nav Min Vert Clear	
(40) Navigation Horizontal Clearance	· · · ·
(, hanganen henzontal oloaranoo	

scear 眷	THE OFFICE OF BRIDGE MAINTENANCE STRU			DGE INVENTORY Pa AND APPRAISAL REPORT	age 8 of 10
(1) State	Name - SOUTH CAROLINA	Code 454		Sufficiency Rating = 94.0	
.,		004010007731700		Functionally Obsolete = NO	
• • •		On - 111000773		Structurally Deficient = NO	
	Highway Department District	1			
) Place Code		CLASSIFICATION	Code-
	res Intersected WINDSOR LAKE/	•	(112)	NBIS Bridge Length -	YES
• •	ty Carried I-77 SBL			Highway System - NHS	1
(9) Locat	-			Functional Class - URBAN-PRIN ART-INT	. 11
(11) Milepo		16.600	• •	Strahnet Highway - STRAH HWY	1
	Highway Network -PART OF NET	Code 1		Parallel Structure - LEFT STRUCT	
	nventory Route & Subroute	001-00077000		Direction of Traffic - 1-WAY TRAFFIC	1
(16) Latitu	-	25.00 Seconds		Temporary Structure -	I
	itude 80 Degrees 55 Minutes	47.00 Seconds		Federal Lands Highways ·N/A	0
	-			Designated National Network - YES	-
	er Bridge State Code	% SHARE %		-	1
(99) Borde	er Bridge Structure No. #		(20)		3
	STRUCTURE TYPE AND MATER	RIAL		Maintain - SCDOT	1
(43) Struct	ture Type Main: MATERIAL -CONC	RETE CONT		Owner - SCDOT	1
Туре		Code 201	(37)	Historical Significance - NOT ELIGIBLE	5
	ture Type Appr: MATERIAL -CONC	RETE		CONDITION —	Code-
	- SLAB	Code 101	(58)	Deck - GOOD	7
	per of Spans in Main Unit	10		Superstructure - GOOD	7
	per of Approach Spans	2		Substructure - GOOD	7
	Structure Type -CONCRETE CAST	—		Channel and Channel Protection - BANKS PRO	
	ng Surface / Protective System:			Culverts - NOT APPLICABLE	N N
	of Wearing Surface - MONO CONC	RETE Code 1	(/		
	of Membrane - UNKNOWN	Code 8		LOAD RATING AND POSTING	Code-
	of Deck Protection - UNKNOWN	Code 8	(31)	Design Load - HS 20	5
C) 1900				Operating Rating - LF	84
(07) Veer		1001		Inventory Rating - LF	50
(27) Year I		1984		Bridge Posting - EQUAL/ABOVE LEGAL LO	
• •				Structure Open, Posted or Closed -	ADO 5 A
	of Service On -HIGHWAY	0 1 5	(+1)	Description - OPEN, NO RESTRICT	~
	er - WATERWAY	Code 5		• '	
· · /		er Structure = 0		APPRAISAL	Code-
	age Daily Traffic	26850	(
(30) Year (Structure Evaluation - BETTER THAN MIN CR	
(19) Bypa	ss, Detour Length	1 MI		Deck Geometry	7
	GEOMETRIC DATA			Underclearances, Vertical and Horizontal	N
(48) Lengt	th of Maximum Span	30 FT		Waterway Adequacy	7
	ture Length	360 FT		Approach Roadway Alignment	8
	or Sidewalk: Left 0.0 FT	Right 0.0FT		Traffic Safety Features	1111
	e Roadway Width Curb to Curb	41 FT	(113)	Scour Critical Bridges - SCOUR WITHIN LIMIT	rs 5
	Width Out to Out	44.4 FT			
	bach Roadway Width (W/Shoulder			PROPOSED IMPROVEMENTS	
	e Median -OPEN	Code 1	(75)	Type of Work -	Code
(33) Bridg (34) Skew				Length of Structure Improvement	360.0 FT
	tory Route Min Vert Clear	99 FT 99 IN		Bridge Improvement Cost	\$00.0 11
	tory Route Total Horz Clear	41.0 FT		Roadway Improvement Costs	\$0 \$0
	ert Clear Over Bridge Roadway	99 FT 99 IN		Total Project Cost	\$0 \$0
	ert Underclear Ref - NOT HWY OR			Year of Improvement Cost Estimate	پ 0 2014
	at Underclear Right Ref -NOT HW			Future ADT	32757
	-	0.0 FT			2033
	at Underclear Left	0.0 FI	(115)	Year of Future ADT	2033
	NAVIGATION DATA		1	INSPECTIONS	
	ation Control -NONE	Code 0		Inspection Date 02/2014 (91)Frequency	
(111) Pier P		Code	(92)	Critical Feature Inspection: (93)	CFI Date
(39) Navig	ation Vertical Clearance	FT	A)	Fracture Crit Detail NO Mo A)	
			1		
	Lift Bridge Nav Min Vert Clear ation Horizontal Clearance	FT FT	В)	Underwater Insp NO Mo B)	

scoa			BRIDGE INVENTORY Page 9 of ORY AND APPRAISAL REPORT	10
(1)	State Name - SOUTH CAROLINA Code 4	54	Sufficiency Rating = 93.1	
	Structure Number # 00040100077118	00	Functionally Obsolete = NO	
	Inventory Route (On/Under) On - 1110007		Structurally Deficient = NO	
	State Highway Department District	1		
	County Code 79 (4) Place Code	· –	CLASSIFICATION CO	de-
	Features Intersected S-1722 & JACKSON CK		(112) NBIS Bridge Length - YE	ΞS
	Facility Carried I-77		(104) Highway System - NHS	_3
	Location 0.5 MI N. US 1			
		~~		11
	Milepoint 17.9		(100) Strahnet Highway - STRAH HWY	1
	Base Highway Network -PART OF NET Code	1	(101) Parallel Structure - RIGHT STRUCT	R
	LRS Inventory Route & Subroute 001-000770		(102) Direction of Traffic - 1-WAY TRAFFIC	1
	Latitude 34 Degrees 5 Minutes 18.00 Secon		(103) Temporary Structure -	_
	Longitude 80 Degrees 56 Minutes 56.00 Secon		(105) Federal Lands Highways ·N/A	0
	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
(42)			(22) Owner - SCDOT	1
(43)	Structure Type Main: MATERIAL -STEEL	~	(37) Historical Significance - NOT ELIGIBLE	5
	Type - 2 Code 3	02	CONDITION CO	do
(44)	Structure Type Appr: MATERIAL -CONCRETE CONT			
	Type - SLAB Code 2	01	(58) Deck - GOOD	7
	Number of Spans in Main Unit	1	(59) Superstructure - GOOD	7
		11	(60) Substructure - GOOD	7
		1	(61) Channel and Channel Protection - BANKS PROT	8
(108)	Wearing Surface / Protective System:		(62) Culverts - NOT APPLICABLE	Ν
A)	Type of Wearing Surface - MONO CONCRETE Code	1	LOAD RATING AND POSTING	de-
B)	Type of Membrane- UNKNOWNCode	8		
C)	Type of Deck Protection - UNKNOWN Code	8	(31) Design Load - HS 20	5
	AGE AND SERVICE		(64) Operating Rating - LF	79
(27)	Year Built 19	81	(66) Inventory Rating - LF	46
	Year Reconstructed	•	(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5
	Type of Service On -HIGHWAY		(41) Structure Open, Posted or Closed -	А
(/	Under - HIGHWAY-WATERWAY Code	6	Description - OPEN, NO RESTRICT	
(28)	Lanes: On Structure = 2 Under Structure =	2	•	40
	Average Daily Traffic 252		APPRAISAL Co	ue-
	Year of ADT 2013 (109) Truck ADT 12		(67) Structure Evaluation - BETTER THAN MIN CRITERI	7
		MI		
(19)	,1 ,, 5 ,		(68) Deck Geometry	7
	GEOMETRIC DATA		(69) Underclearances, Vertical and Horizontal	5
(48)	Length of Maximum Span 791	FT	(71) Waterway Adequacy	7
(49)	Structure Length 409	FT	(72) Approach Roadway Alignment	8
	Curb or Sidewalk: Left 0.0 FT Right 0.0	FT	(36) Traffic Safety Features 11	
	Bridge Roadway Width Curb to Curb 41		(113) Scour Critical Bridges - SCOUR WITHIN LIMITS	5
	Deck Width Out to Out 43.0			
	Approach Roadway Width (W/Shoulders) 41			
	Bridge Median -NONE Code		(75) Type of Work - Code	
		10	(76) Length of Structure Improvement 409.0 I	FT
	• • • •			
	-			\$0 ¢0
	Inventory Route Total Horz Clear 41.0			\$0 ¢0
	Min Vert Clear Over Bridge Roadway 99FT 99			\$0
			(97) Year of Improvement Cost Estimate 20	
	Min Lat Underclear Right Ref -HWY BENEATH 15.0		(114) Future ADT 3074	
(56)	Min Lat Underclear Left9.0	Fſ	(115) Year of Future ADT 203	33
	NAVIGATION DATA		INSPECTIONS	
(38)	Navigation Control -NONE Code	0	(90) Inspection Date 01/2014 (91) Frequency 24 M	/lo
	Pier Protection - Code		(92) Critical Feature Inspection: (93) CFI Da	
		FT	A) Fracture Crit Detail NO Mo A)	-
		FT	B) Underwater Insp NO Mo B)	
(110)				

	NAL BRIDGE INVENTORY Page 10 of 10 ENTORY AND APPRAISAL REPORT
(1) State Name - SOUTH CAROLINA Code	Sufficiency Rating = 93.1
(8) Structure Number # 0004010007731	
(5) Inventory Route (On/Under) On - 111000	-
(2) State Highway Department District	
	CLASSIFICATIONCode
(3) County Code 79 (4) Place Code	
(6) Features Intersected S-1722 & JACKSON CK	(112) NBIS Bridge Length - YES
(7) Facility Carried I-77	(104) Highway System - NHS 1
(9) Location 0.5 MI N. US 1	(26) Functional Class - URBAN-PRIN ART-INT 11
	060 (100) Strahnet Highway - STRAH HWY 1
(12) Base Highway Network -PART OF NET Code	1 (101) Parallel Structure - LEFT STRUCT L
(13) LRS Inventory Route & Subroute 001-00077	000 (102) Direction of Traffic - 1-WAY TRAFFIC 1
(16) Latitude 34 Degrees 5 Minutes 17.00 Seco	ds (103) Temporary Structure -
(17) Longitude 80 Degrees 56 Minutes 59.00 Seco	Ids (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
	(21) Maintain - SCDOT 1
STRUCTURE TYPE AND MATERIAL	(22) Owner - SCDOT 1
(43) Structure Type Main: MATERIAL -STEEL	
Type - 2 Code	02 (37) Historical Significance - NOT ELIGIBLE 5
(44) Structure Type Appr: MATERIAL CONCRETE CONT	CONDITION COde
Type - SLAB Code	01 (58) Deck - GOOD 7
(45) Number of Spans in Main Unit	1 (59) Superstructure - GOOD 7
(46) Number of Approach Spans	11 (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	LUAD RATING AND POSTING COde
B) Type of Membrane - UNKNOWN Code	
C) Type of Deck Protection - UNKNOWN Code	
AGE AND SERVICE	(64) Operating Rating - LF 79
(27) Year Built 1	981 (66) Inventory Rating - LF 46
(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 - HIGHWAY-WATERWAY Code	6 Description - OPEN, NO RESTRICT
	2 APPRAISAL Code
	(67) Structure Evaluation - BETTER THAN MIN CRITERI/ 7
(19) Bypass, Detour Length	MI (68) Deck Geometry 7
GEOMETRIC DATA	(69) Underclearances, Vertical and Horizontal 5
(48) Length of Maximum Span 79	FT (71) Waterway Adequacy 7
(49) Structure Length 409	(72) Approach Roadway Alignment 8
	(36) Traffic Safety Features 1111
	(113) Scour Critical Bridges - SCOUR WITHING MITS 5
(52) Deck Width Out to Out 43.	
	FT
(33) Bridge Median - OPEN Code	
(34) Skew 40 Deg (35) Structure Flared	NO (76) Length of Structure Improvement 409.0 FT
	IN (94) Bridge Improvement Cost \$0
(47) Inventory Route Total Horz Clear 41.	
	IN (96) Total Project Cost \$0
	IN (97) Year of Improvement Cost Estimate 2014
(55) Min Lat Underclear Dight Det _UM/V DLNLAIU 15/	
(55) Min Lat Underclear Right Ref - HWY BENEATH 15.(FT(115) Year of Future ADT2033
(56) Min Lat Underclear Left 9.	
	INSPECTIONS
(56) Min Lat Underclear Left 9.	
(56) Min Lat Underclear Left 9.0 NAVIGATION DATA 9.0 (38) Navigation Control -NONE Code	0 (90) Inspection Date 01/2014 (91)Frequency 24 Mo
(56) Min Lat Underclear Left 9.0 NAVIGATION DATA 9.0 (38) Navigation Control -NONE Code (111) Pier Protection - Code	0 (90) Inspection Date 01/2014 (91)Frequency 24 Mo (92) Critical Feature Inspection: (93) CFI Date
(56) Min Lat Underclear Left 9.0 NAVIGATION DATA 9.0 (38) Navigation Control -NONE Code (111) Pier Protection - Code (39) Navigation Vertical Clearance Code	0(90) Inspection Date01/2014(91)Frequency24Mo(92) Critical Feature Inspection:(93)CFI DateFTA) Fracture Crit DetailNOMoA)
(56) Min Lat Underclear Left 9.0 NAVIGATION DATA 9.0 (38) Navigation Control -NONE Code (111) Pier Protection - Code	0 (90) Inspection Date 01/2014 (91)Frequency 24 Mo (92) Critical Feature Inspection: (93) CFI Date