NC DEPARTMENT OF TRANSI DIVISION OF HIGHWAYS BRIDGE MANAGEMENT UNIT	PORTATION ATT	ENTION VERT CLR CHECKED TEMP REPAIRS TO SPALLING TEMP REPAIRS TO BEAMS (IN	
BRIDGE	INSPEC	TION REPOR	2T
INSPECTION TYPE:	<b>Routine Inspection</b>		
COUNTY GASTON	BRIDGE NUMBER	350149 INSPECTION CYCLE 2	YRS 25.9
ROUTE SR2093	ACROSS 185		М.Р. <mark>0</mark>
LOCATION 1.0 MI. N. JCT. NC273 SUPERSTRUCTURE REINFORCED CONC		AMS I; BENTS: RC POST AND BEAM W/ SP	READ FTGS.
1@65'; 2 <mark>@75'; 1@74.5' COMPOS</mark>	SITE		
SPANS			
LONGITUDE 81° 2' 37.35"		LATITUDE 35° 15' 26.08"	
INSPECTION DATE 08/04/2014	Р	RESENT CONDITION FAIR	
PRESENT POSTING N	NOT POSTED	PROPOSED POSTING	
OTHER SIGNS PRESENT NONE			



Fracture CriticalNoTemporary ShoringNoScour CriticalNoScour POANo

SIGN NOTI		NUMBERED REQUIRED
No	WEIGHT LIMIT	
No	DELINEATORS	
No	NARROW BRIDGE	
No	ONE LANE BRIDGE	
No	LOW CLEARANCE	

SOUTH APPROACH

IDEI	NTIFICATION		
(1) STATE NAME -NORTH CAROLINA	BRIDGE	350149	
(8) STRUCTURE NUMBER(FEDERAL)	0000000	00710149	
(5) INVENTORY ROUTE (ON/UNDER) -		31020930	
(2) STATE HIGHWAY DEPARTMENT D	ISTRICT		1
(3) COUNTY CODE 71	(4) PLACE CO	DE	4840
(6) FEATURE INTERSECTED - 185			
(7) FACILITY CARRIED SR2093			
(9) LOCATION 1.0 MI. N. JCT. NO	273		
(11)MILEPOINT			0
(16)LAT 35° 15' 26.08"	(17)LONG	81° 2' 37.35"	
(98)BORDER BRIDGE STATE CODE		PCT SHARE	
(99)BORDER BRIDGE STRUCTURE NO	)		

(43) STRUCT	URE TYPE MAIN: Steel		
TYPE -	Stringer Mutlibeam or Girder	CODE	302
(44) STRUCT	URE TYPE APPR :		
TYPE -		CODE	000
(45) NUMBER	R OF SPANS IN MAIN UNIT		4
(46) NUMBER	R OF APPROACH SPANS		
(107)DECK S	TRUCTURE TYPE - 1	CODE	
(108)WEARIN	IG SURFACE / PROTECTIVE SYSTEM :		
(A) TYPE	OF WEARING SURFACE -	CODE	
(B) TYPE	OF MEMBRANE -	CODE	
(C) TYPE	OF DECK PROTECTION -	CODE	

AGE AND SERVICE								
(27) YEAR BUILT		1961						
(106)YEAR RECONSTRUCTED								
(42) TYPE OF SERVICE : ON - Highway - Pedestrian								
UNDER - Highway	CODE	51						
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE		6						
(29) AVERAGE DAILY TRAFFIC	16	6000						
(30) YEAR OF ADT 2012 (109) TRUCK ADT PCT		12%						
(19) BYPASS OR DETOUR LENGTH	(	) MI						
GEOMETRIC DATA								
(48) LENGTH OF MAXIMUM SPAN	7	4 FT						
(49) STRUCTURE LENGTH	29	0 FT						
(50)CURB OR SIDEWALK: LEFT 5.1 FT RIGHT	5.	1 FT						
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	52 FT							
(52) DECK WIDTH OUT TO OUT	64.33 FT							
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	48 FT							
(33) BRIDGE MEDIAN - No Median	CODE	0						
(34) SKEW 43° (35) STRUCTURE FLARED		0						
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT							
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	52 FT							
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.	9 FT						
(54) MIN VERT UNDERCLEAR REF Highway	16.58	3 FT						
(55) MIN LAT UNDERCLEAR RT REF Highway	9	9 FT						
(56) MIN LAT UNDERCLEAR LT REF -	4.5	8 FT						
NAVIGATION DATA								
(38) NAVIGATION CONTROL - Not Applicable	CODE	Ν						
(111)PIER PROTECTION -	CODE							
(39) NAVIGATION VERTICAL CLEARANCE		0						
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT						
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT						

SUFFICIENCY RATING =

STATUS = Functionally Obsolete

(112)NBIS BRIDGE SYSTEM -	YES
(104)HIGHWAY SYSTEM Is not on NHS	0
(26) FUNCTIONAL CLASS - Other Principal Arterial	14
(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
(101)PARALLEL STRUCTURE - No Parallel Structure	Ν
(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(103)TEMPORARY STRUCTURE -	
(110) DESIGNATED NATIONAL NETWORK - Not on the National Network	0
(20) TOLL On Free Road	3
(31) MAINTAIN - State Highway Agency	01
(22) OWNER - State Highway Agency	01
(37) HISTORICAL SIGNIFICANCE - Not Eligible	5

(58) DECK       6         (59) SUPERSTRUCTURE       7         (60) SUBSTRUCTURE       5         (61) CHANNEL & CHANNEL PROTECTION       N         (62) CULVERTS       N            LOAD RATING AND POSTING       CODE -         (31) DESIGN LOAD       HS 20 + MOD       6         (63) OPERATING RATING METHOD -       Load Factor       1         (64) OPERATING RATING -       HS-47       84         (65) INVENTORY RATING METHOD -       Load Factor       1         (66) INVENTORY RATING -       HS-28       50         (70) BRIDGE POSTING -       No Posting Required       5         (41) STRUCTURE OPEN, POSTED, OR CLOSED       A         DESCRIPTION -       Open, No Restriction       5         (67) STRUCTURAL EVALUATION       5       5         (67) STRUCTURAL EVALUATION       5       6         (68) DECK GEOMETRY       4       4         (69) UNDERCLEARANCES,VERTI & HORIZ       3       3         (71) WATERWAY ADEQUACY       N       N         (72) APPROACH ROADWAY ALIGNMENT       8       36) TRAFFIC SAFETY FEATURES       0010         (113)SCOUR CRITICAL BRIDGES       N       N       13)SCOUR CRITICAL BRIDGES       N <t< th=""></t<>
(60) SUBSTRUCTURE       5         (61) CHANNEL & CHANNEL PROTECTION       N         (62) CULVERTS       N         (61) DESIGN LOAD       HS 20 + MOD       6         (31) DESIGN LOAD       HS 20 + MOD       6         (63) OPERATING RATING METHOD -       Load Factor       1         (64) OPERATING RATING METHOD -       Load Factor       1         (65) INVENTORY RATING METHOD -       Load Factor       1         (66) INVENTORY RATING -       HS-47       84         (65) INVENTORY RATING -       HS-28       50         (70) BRIDGE POSTING -       No Posting Required       5         (41) STRUCTURE OPEN, POSTED ,OR CLOSED       A         DESCRIPTION -       Open, No Restriction       CODE         (67) STRUCTURAL EVALUATION       5       (68) DECK GEOMETRY       4         (69) UNDERCLEARANCES,VERTI & HORIZ       3       (71) WATERWAY ADEQUACY       N         (72) APPROACH ROADWAY ALIGNMENT       8       (36) TRAFFIC SAFETY FEATURES       0010         (113)SCOUR CRITICAL BRIDGES       N           (75) TYPE OF WORK -       CODE       (76) LENGTH OF STRUCTURE IMPROVEMENT       (94) BRIDGE IMPROVEMENT COST         (95) ROADWAY IMPROVEMENT COST       (95) ROADWAY IMPROVEMENT COST ESTIMATE </td
(61) CHANNEL & CHANNEL PROTECTION       N         (62) CULVERTS       N         LOAD RATING AND POSTING       CODE -         (31) DESIGN LOAD       HS 20 + MOD       6         (63) OPERATING RATING METHOD -       Load Factor       1         (64) OPERATING RATING METHOD -       Load Factor       1         (65) INVENTORY RATING METHOD -       Load Factor       1         (66) INVENTORY RATING -       HS-47       84         (65) INVENTORY RATING -       HS-28       50         (70) BRIDGE POSTING -       No Posting Required       5         (41) STRUCTURE OPEN, POSTED, OR CLOSED       A         DESCRIPTION -       Open, No Restriction       CODE         (67) STRUCTURAL EVALUATION       5       68) DECK GEOMETRY       4         (69) UNDERCLEARANCES, VERTI & HORIZ       3       3         (71) WATERWAY ADEQUACY       N       N         (72) APPROACH ROADWAY ALIGNMENT       8       36) TRAFFIC SAFETY FEATURES       0010         (113) SCOUR CRITICAL BRIDGES       N       PROPOSED IMPROVEMENTS       N         (75) TYPE OF WORK -       CODE       (76) LENGTH OF STRUCTURE IMPROVEMENT       CODE         (76) LENGTH OF STRUCTURE IMPROVEMENT       CODE       (76) LENGTH OF STRUCTURE IMPROVEMENT
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LOAD RATING AND POSTINGCODE ·(31) DESIGN LOADHS 20 + MOD6(63) OPERATING RATING METHOD -Load Factor1(64) OPERATING RATING *HS-4784(65) INVENTORY RATING METHOD -Load Factor1(66) INVENTORY RATING *HS-2850(70) BRIDGE POSTING -No Posting Required5(41) STRUCTURE OPEN, POSTED, OR CLOSEDADESCRIPTION -Open, No RestrictionMPPRAISALCODE(67) STRUCTURAL EVALUATION5(68) DECK GEOMETRY4(69) UNDERCLEARANCES, VERTI & HORIZ3(71) WATERWAY ADEQUACYN(72) APPROACH ROADWAY ALIGNMENT8(36) TRAFFIC SAFETY FEATURES0010(113)SCOUR CRITICAL BRIDGESN(75) TYPE OF WORK -CODE(76) LENGTH OF STRUCTURE IMPROVEMENTCODE(76) LENGTH OF STRUCTURE IMPROVEMENTCODE(76) TYPE OF WORK -CODE(76) TYPE OF WORK -CODE(76) TYPE OF WORK -CODE(77) TYPE OF WORK -CODE(76) LENGTH OF STRUCTURE IMPROVEMENTCODE(76) LENGTH OF STRUCTURE IMPROVEMENTCODE(76) TYPE OF WORK -CODE(77) YEAR OF IMPROVEMENT COST(3200)(115) YEAR FUTURE ADT2025
(31) DESIGN LOADHS 20 + MOD6(63) OPERATING RATING METHOD -Load Factor1(64) OPERATING RATING METHOD -Load Factor1(65) INVENTORY RATING METHOD -Load Factor1(66) INVENTORY RATING METHOD -Load Factor1(66) INVENTORY RATING -HS-2850(70) BRIDGE POSTING -No Posting Required5(41) STRUCTURE OPEN, POSTED ,OR CLOSEDADESCRIPTION -Open, No RestrictionCODE(67) STRUCTURAL EVALUATION5(68) DECK GEOMETRY4(69) UNDERCLEARANCES, VERTI & HORIZ3(71) WATERWAY ADEQUACYN(72) APPROACH ROADWAY ALIGNMENT8(36) TRAFFIC SAFETY FEATURES0010(113)SCOUR CRITICAL BRIDGESNPROPOSED IMPROVEMENTS(75) TYPE OF WORK -CODE(76) LENGTH OF STRUCTURE IMPROVEMENT94) BRIDGE IMPROVEMENT COST(94) BRIDGE IMPROVEMENT COST(95) ROADWAY IMPROVEMENT COST(96) TOTAL PROJECT COST(97) YEAR OF IMPROVEMENT COST ESTIMATE(114)FUTURE ADT3200(115) YEAR FUTURE ADT(114)FUTURE ADT3200(115) YEAR FUTURE ADT
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(71) WATERWAY ADEQUACY       N         (72) APPROACH ROADWAY ALIGNMENT       8         (36) TRAFFIC SAFETY FEATURES       0010         (113)SCOUR CRITICAL BRIDGES       N         PROPOSED IMPROVEMENTS         (75) TYPE OF WORK -       CODE         (76) LENGTH OF STRUCTURE IMPROVEMENT       (94) BRIDGE IMPROVEMENT COST         (96) TOTAL PROJECT COST       (96) TOTAL PROJECT COST         (97) YEAR OF IMPROVEMENT COST ESTIMATE       (115) YEAR FUTURE ADT       2025
(72) APPROACH ROADWAY ALIGNMENT       8         (36) TRAFFIC SAFETY FEATURES       0010         (113)SCOUR CRITICAL BRIDGES       N         PROPOSED IMPROVEMENTS         (75) TYPE OF WORK -       CODE         (76) LENGTH OF STRUCTURE IMPROVEMENT       (94) BRIDGE IMPROVEMENT COST         (96) TOTAL PROJECT COST       (96) TOTAL PROJECT COST         (97) YEAR OF IMPROVEMENT COST ESTIMATE       (115) YEAR FUTURE ADT       2025
(36) TRAFFIC SAFETY FEATURES 0010 (113)SCOUR CRITICAL BRIDGES N PROPOSED IMPROVEMENTS (75) TYPE OF WORK - CODE (76) LENGTH OF STRUCTURE IMPROVEMENT (94) BRIDGE IMPROVEMENT COST (95) ROADWAY IMPROVEMENT COST (95) ROADWAY IMPROVEMENT COST (96) TOTAL PROJECT COST (97) YEAR OF IMPROVEMENT COST ESTIMATE (114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025
(113)SCOUR CRITICAL BRIDGES       N         PROPOSED IMPROVEMENTS       CODE         (75) TYPE OF WORK -       CODE         (76) LENGTH OF STRUCTURE IMPROVEMENT       CODE         (94) BRIDGE IMPROVEMENT COST       (95) ROADWAY IMPROVEMENT COST         (96) TOTAL PROJECT COST       (96) TOTAL PROJECT COST         (97) YEAR OF IMPROVEMENT COST ESTIMATE       (115) YEAR FUTURE ADT       2025
PROPOSED IMPROVEMENTS (75) TYPE OF WORK - CODE (76) LENGTH OF STRUCTURE IMPROVEMENT (94) BRIDGE IMPROVEMENT COST (95) ROADWAY IMPROVEMENT COST (96) TOTAL PROJECT COST (96) TOTAL PROJECT COST (97) YEAR OF IMPROVEMENT COST ESTIMATE (114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025
<ul> <li>(75) TYPE OF WORK - CODE</li> <li>(76) LENGTH OF STRUCTURE IMPROVEMENT</li> <li>(94) BRIDGE IMPROVEMENT COST</li> <li>(95) ROADWAY IMPROVEMENT COST</li> <li>(96) TOTAL PROJECT COST</li> <li>(97) YEAR OF IMPROVEMENT COST ESTIMATE</li> <li>(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025</li> </ul>
<ul> <li>(76) LENGTH OF STRUCTURE IMPROVEMENT</li> <li>(94) BRIDGE IMPROVEMENT COST</li> <li>(95) ROADWAY IMPROVEMENT COST</li> <li>(96) TOTAL PROJECT COST</li> <li>(97) YEAR OF IMPROVEMENT COST ESTIMATE</li> <li>(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025</li> </ul>
<ul> <li>(94) BRIDGE IMPROVEMENT COST</li> <li>(95) ROADWAY IMPROVEMENT COST</li> <li>(96) TOTAL PROJECT COST</li> <li>(97) YEAR OF IMPROVEMENT COST ESTIMATE</li> <li>(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025</li> </ul>
<ul> <li>(95) ROADWAY IMPROVEMENT COST</li> <li>(96) TOTAL PROJECT COST</li> <li>(97) YEAR OF IMPROVEMENT COST ESTIMATE</li> <li>(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025</li> </ul>
<ul> <li>(96) TOTAL PROJECT COST</li> <li>(97) YEAR OF IMPROVEMENT COST ESTIMATE</li> <li>(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025</li> </ul>
(97) YEAR OF IMPROVEMENT COST ESTIMATE(114)FUTURE ADT32000(115) YEAR FUTURE ADT2025
(114)FUTURE ADT 32000 (115) YEAR FUTURE ADT 2025
INSPECTIONS
(90) INSPECTION DATE 08/04/2014
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)

NO

NO

B)

C)

B) UNDERWATER INSP -

C) OTHER SPECIAL INSP

SCOUR

#### County: GASTON

#### Run Date:

Γ			al								raffic	Ø	ę	See Not	te 1					
Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily Tra	contal Clearanc	Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STR		Highway System of Route
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	I 85 S	11000850	15.17	25.98	1	10085		11	3	59000	2012	49.5	Н	15	9	4.5	9	1	1	1
3	I 85 N	11000850	16.92	25.98	1	10085		11	3	59000	2012	49.58	Н	16.58	9	4.58	9	1	1	1

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

#### BRIDGE MANAGEMENT UNIT

CLASS : 14 61 1.0 NI 1.0 MI 1.0 MI 1.	SR209 . N. JCT. I SY9 BY BY : 0 F	NC273 ST.ON : FA		N : 2 T.UNDI ROJ :	DIS F BRI ER : 8.163	I EXISTING STRICT: 1 FEATURE INT IDGE NAME : NFA 318 ALIGNMENT	STRU TERSEC ADT 8	CTURE N 350 TED : [8 X YR : 16000 D.AID PRC	UMBER : 1149 85 2012 DJ : 35-1(6)20		BELM RAIL LT IGN L	LENGT	290	139
STON CARRIED ED : 1.0 MI CLASS : 14 61 ·: ATION : VC	SR209 . N. JCT. I SY9 BY BY : 0 F	NC273 ST.ON : FA : SHC	12 SYS PI PROJ :	T.UND ROJ :	F BRI ER : 8.16	1 FEATURE INT IDGE NAME NFA 318	ADT 8	350 TED : [8 YR : 16000 D.AID PRC I-8	2012 2012 DJ : 35-1(6)20	DES	BELM RAIL LT IGN L	ONT TYPE 139	290 :	139
ED : 1.0 MI CLASS : 14 61 .: .: .: .: .: .: .: 	SR209 . N. JCT. I SY9 BY BY : 0 F	NC273 ST.ON : FA : SHC	PROJ :	ROJ :	BRI ER : 8.163	IDGE NAME : NFA 318	ADT 8	4 YR : 16000 D.AID PRC I-8	2012 DJ : 35-1(6)20 / :	DES	RAIL LT GIGN L	TYPE 139	RT	
1.0 MI CLASS : 14 61 . : . : ATION : VC	. N. JCT. I SY: BY BY : 0 F	NC273 ST.ON : FA : SHC	PROJ :	ROJ :	ER : 8.16	NFA 318	ADT 8 FEI	4 YR : 16000 D.AID PRC I-8	2012 DJ : 35-1(6)20 / :	DES	RAIL LT GIGN L	TYPE 139	RT	
1.0 MI CLASS : 14 61 . : . : ATION : VC	SY: BY BY : 0 F	ST.ON : FA : SHC	PROJ :	ROJ :	ER : 8.16	NFA 318	ADT 8 FEI	16000 D.AID PRC I-8	DJ : 35-1(6)20	DES	RAIL LT GIGN L	TYPE 139	RT	
CLASS : 14 61 : : ATION : VC	SY: BY BY : 0 F	ST.ON : FA : SHC	PROJ :	ROJ :	8.16	318	FEC :	16000 D.AID PRC I-8	DJ : 35-1(6)20	DES	RAIL LT GIGN L	TYPE 139	RT	
14 61 .: ATION : VC	BY : 0 F	FA : SHC	PROJ :	ROJ :	8.16	318	FEC :	16000 D.AID PRC I-8	DJ : 35-1(6)20	LANES	LT HGN L	139	RT	
61 · : ATION : VC	BY : 0 F	: SHC	PROJ :			318	·:	D.AID PRC I-8	DJ : 35-1(6)20	LANES	GIGN L			
61 - : ATION : VC	BY : 0 F	SHC	PROJ :				·:	I-8	35-1(6)20 / :	LANES	S:	.OAD :	HS 20 -	⊦ MOD
ATION : VC	0 F	T				ALIGNMENT		SKEW						
VC		T	HC 0						-+/			4	UNDER	R 6
STRUCTU	RE: F				FT	HT. CRN.	TO BED	: 0	FT	WATE	R DEF	тн : 0		FT
		REINFORC	CED CONC	RETE D	DECK	ON I-BEAMS	3							
RUCTURE	: E	E.BTS:RC	CAPS/ROC	CK FOU	NDAT	FION;INT.BTS	S:RC P&I	B /SPREA	D FTGS.					
:	1	@ 65', 2	@ 75', 1@7	74'-6"										
OR GIRDE	ERS :	10 LIN	IES 36' I-BI	EAMS (	@ 6'-1	CENTERS								
: 6.75 R AWS	RC/1.5		ENCRO	ACHME	ENT :			DECK	COUT TO C		4.33 F	Т		
ROADWAY	Y :		BETWEE	N RAIL	S :			SIDE	WALK OR	CURB :				
	52 FT					62.17 FT				LT	5.1 F	т	RT	5.1 FT
CL.OVER : .9 FT														
G. : HS-28	OI			CONTI	R.ME		)	POSTED SV		ST		DATE	11/20	0/2012
M : ⁄y S.R. Rou	te								GREE	N LINE R	OUTE		(	
ROUTES	AND CLF	ARANCES	5											
				es H	lorizo	ontal Clearan	ces							
Route De	scription	MMVC	MVC											
85 S		15.	17	15 4	49.50	4.50	9							
	: OR GIRDE : 6.75 F AWS ROADWA CL.OVER : 9 FT 3. : HS-28 M : y S.R. Rou y S.R. Rou ROUTES ROUTES	: 1 OR GIRDERS : : 6.75 RC/1.5 AWS ROADWAY : 52 FT CLOVER : 9 FT G. : 01 HS-28 M : y S.R. Route ROUTES AND CLEA	: 1 @ 65', 2 OR GIRDERS : 10 LIN : 6.75 RC/1.5 AWS ROADWAY : 52 FT CLOVER : 9 FT G. : OPE.RTG. : HS-28 H M : y S.R. Route ROUTES AND CLEARANCES Vertical Route Description MMVC	:       1 @ 65', 2 @ 75', 1@7         OR GIRDERS :       10 LINES 36' I-BI         :       ENCRO         6.75 RC/1.5       ENCRO         6.75 RC/1.5       ENCRO         6.75 RC/1.5       ENCRO         6.75 RC/1.5       ENCRO         3.1       ENCRO         52 FT       ETWEE         52 FT       52 FT         CLOVER :       9 FT         3. :       OPE.RTG. :         HS-28       HS-47         M :       y S.R. Route         ROUTES AND CLEARANCES       Vertical Clearance         Route Description       MMVC	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS (         :       ENCROACHME         6.75 RC/1.5       AWS         ROADWAY :       BETWEEN RAIL         52 FT       52 FT         CLOVER :       9 FT         3. :       OPE.RTG. :       CONT         HS-28       HS-47         M :       y S.R. Route       Vertical Clearances         ROUTES AND CLEARANCES       MVC       MVC	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1         :       ENCROACHMENT :         6.75 RC/1.5       AWS         ROADWAY :       BETWEEN RAILS :         52 FT       52 FT         CLOVER :       9 FT         3. :       OPE.RTG. :       CONTR.ME         HS-28       HS-47         M :       y S.R. Route         ROUTES AND CLEARANCES       Vertical Clearances         MMVC       MVC       Total	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       ENCROACHMENT :         6.75 RC/1.5       AWS         ROADWAY :       BETWEEN RAILS :         52 FT       62.17 FT         COVER :       9 FT         3. :       OPE.RTG. :       CONTR.MEMBER :         HS-28       HS-47       intbm(B         M :       y S.R. Route       Vertical Clearances         Vertical Clearances         Route Description	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       ENCROACHMENT :         6.75 RC/1.5       AWS         ROADWAY :       BETWEEN RAILS :         52 FT       62.17 FT         COVER :       9 FT         3.:       OPE.RTG. :       CONTR.MEMBER :         HS-28       HS-47       intbm(B)         M :       y S.R. Route       Vertical Clearances         Route Description         Vertical Clearances         MVC       Total       Left	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       ENCROACHMENT :       DECK         6.75 RC/1.5       ENCROACHMENT :       DECK         AWS       ENCROACHMENT :       DECK         ROADWAY :       BETWEEN RAILS :       SIDE         52 FT       62.17 FT       SIDE         SLOVER :       9 FT       G.:       CONTR.MEMBER :       POSTEL         9 FT       G.:       OPE.RTG. :       CONTR.MEMBER :       POSTEL         SLOVER :       9 FT       SV       SV       SV         M:       y S.R. Route       SV       SV       SV         ROUTES AND CLEARANCES       ROUTES AND CLEARANCES       Horizontal Clearances       Right	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       ENCROACHMENT :       DECK (OUT TO G G.75 RC/1.5 AWS         ROADWAY :       BETWEEN RAILS :       SIDEWALK OR 52 FT         52 FT       62.17 FT         COVER :       9 FT         3. :       OPE.RTG. :       CONTR.MEMBER :         PS FT       9 FT         GR.:       OPE.RTG. :       CONTR.MEMBER :         y S.R. Route       GREE         ROUTES AND CLEARANCES       MVC         Model Description       MVC         MVC       MVC         Total       Left	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       ENCROACHMENT :       DECK (OUT TO OUT) :         6.75 RC/1.5 AWS       ENCROACHMENT :       DECK (OUT TO OUT) :         6.75 RC/1.5 AWS       ENCROACHMENT :       DECK (OUT TO OUT) :         6.75 RC/1.5 AWS       ENCROACHMENT :       DECK (OUT TO OUT) :         6.75 RC/1.5 AWS       ENCROACHMENT :       DECK (OUT TO OUT) :         64       FORDER COULD :       64         ROADWAY :       BETWEEN RAILS :       SIDEWALK OR CURB :         52 FT       62.17 FT       LT         COVER :       9 FT	:       1 @ 65', 2 @ 75', 1@74'-6"         OR GIRDERS :       10 LINES 36' I-BEAMS @ 6'-1 CENTERS         :       6.75 RC/1.5 AWS         ROADWAY :       ENCROACHMENT :         52 FT       62.17 FT         CONTR.MEMBER :       SIDEWALK OR CURB :         52 FT       62.17 FT         LT       5.1 F         COVER :	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Note: All measurements are in feet.

16.58

16.92

49.58 4.58

9

I 85 N

3

BRIDGE I & A FOR	BRIDGE INSPE		ON R	ECORD		IARY			
INSPECTION TY BRIDGE NO. 35 STRUCTURE TY	PE Routine Inspection 0149 COUNTY GASTON PE REINFORCED CONCRETE DECK O	ROU <sup>-</sup> N I-BEAMS	TE SR2093		OVER 185				
ROUTE ORIENT		SPANS							
		CRITICAL	. (C, 0 - 3);	POOR (P, 4); F/	AIR (F, 5, 6); GOOD (G, 7 - 9	9)			
	INSPECTION ITEM				ITEM 61				
	DECK ITEMS	0	RADES		a. WATERWAY				
1. WEARING	SURFACE		F	& CHANNEL PROT.	b. ALIGNMENT				
2. DECK NO.	a. CONCRETE	4	G	_	c. SCOUR				
OF EA TYPE SPN GRADE	b. TIMBER				d. SLOPE PROT., RIP-RA	P, DIKES, ETC.			
RATES SI & A	c. STEEL PLANK			50. APPROACH ROADWAY CONDITION					
ITEM 58	d. OPEN GRID			51. APPROACH SLABS					
3. RAILING	a. CONCRETE		G	52. PAINT SYS	STEM CODE	I	G		
	b. TIMBER			53. UTILITIES					
	c. ALUMINUM		G	54. RESPONS	E TO LIVE LOAD		G		
	d. STEEL			55. ESTIMATE	D REMAINING LIFE		12		
4. CURBS, WI	HEELGUARDS, PARAPETS, MEDIA	NS	G						
5. WALKWAY	S (ON OR ATTACHED TO STRUCT	URE)	G	60. REGULAT	ORY SIGN NOTICE ISSUED	)	NO		
6. DECK EXP	a. STEEL PL OR FINGER			61. PROMPT-A	ACTION NOTICE ISSUED		NO		
JTS. OR	b. MISC PREFAB			62. PRESENTI	Y POSTED		NO		
DEVICES. NO. OF EACH	c. COMPRESSION SEAL			63. TOT. FIELD	D INSP TIME (INCLUDE WF	TTE UP)(MAN HR)	5		
d. STANDARD JOINTS 3 F 64. TOTAL SNOOPER INSP. TIN							0		
	e. OPEN JOINTS			65. TOTAL TR	AFFIC CONTROL TIME (MA	N HRS)	0		
7. DECK DEB	RIS (INCLUDES EXCESS SAND/GF	RAVEL)	G		X	,			
	X	,		7	0. SI&A GENERAL CONDI	ION RATINGS			
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59				a. DECK		ITEM 58	6		
10. LONGITUDINAL BEAMS OR GIRDERS			F	b. SUPERSTR	UCTURE	ITEM 59	7		
11. LONGITUDINAL JOIST OR STRINGERS				c. SUBSTRUC	TURE	ITEM 60	5		
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S			F	d. CHANNEL & CHANNEL PROT. ITEM 61					
13. END DIAP	'S, CURTAIN WALLS, & CONN'S		G						
14. FLOOR BE	EAMS AND CONNECTIONS								
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)				a. WATERWAY ADAQUACY					
16. DRAINAGE SYSTEM (ON STRUCTURE)					APPR. RDWY. ALIGNMENT				
	SPAN MACHINERY		G				8		
				72. FIELD SCC	OUR EVALUATION				
SU	B STR. ITEMS. ITEM 60 (INCLUDE	SCOUR)							
35. TIM SUB	a. ABUT. & INT. BENT CAPS & RI	,		U	SE OF INSP. ACCESSIBILI				
STR.	b. PILES, POST, SILLS, & BRACIN				ODE S, 4, OR N)	HRS	NO		
	c. BULKHEADS, WING'S, & TIE BA			LADDER			NO		
36. CONC	a. ABUT. & INT. BENT CAPS		F	BUCKET TRU					
SUB STR.	b. ABUT. & BENT COL'S BREAST	WALLS	F	BOAT			NO NO		
	c. ABUT. & INT. BENT PILES		•	OTHER					
	J. BACKWALLS, WING'S, RETAIN. WALLS		G						
	e. ABUT. & BENT FOOTINGS & SI		0						
	a. ABUT. & INT. BENT CAPS & RI				PECTION REQUESTED FO	D			
37. STEEL SUB STR.				SFECIAL INSI		IX			
	b. PILES, BRACING, AND BULKHI	_403		NOTE					
			G	INUTE					
	ROT., RIP-RAP (INCLUDE DRAINAG	) )	G			M / D'/			
40. FENDER S				80. INSPECTE		Hol Rik			
41. DRIFT				81. REVIEWED	лы:				

Bridge I&A Form 1(82)H

State of North Carolina

Dept. of Transportation **Division of Highways** 

## FIELD INSPECTION REPORT

Bridge Inspecion & Analysis

Team Leader DEREK RICKUS

Assisted By	EAP	
Item No.	Grade	
1	F	AWS CRACKED AND OPEN FULL WIDTH ALL (3) JOINTS.
2a	G	NOT DIRECTLY VISIBLE, BUT NO POTHOLING

Bridge I&A Form 1(82)H

State of North Carolina

Dept. of Transportation Division of Highways

## FIELD INSPECTION REPORT

Bridge Inspecion & Analysis

Team Leader DEREK RICKUS

Assisted By	EAP
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Item No.	Grade	
10	F	FORM PRIOR REPORT:
		IMPACT DAMAGE INSPECTION WAS REQUESTED BY DIVISION BRIDGE MAINTENANCE FOR SPAN 2 OVER I 85 SOUTH GIRDERS HAVE BEEN PAINTED SINCE THE IMPACT.
		GIRDER #10: POINT OF IMPACT ON GIRDER #10 WAS 19'-11" FROM FACE OF BENT 1, THE FLANGE AND FLANGE COVER PLATE ARE BENT OUT OF SHAPE 1 7/8" TO THE SOUTH AT 19'-11" FROM BENT 1., A CRACK 1'-0" IN THE COVER PLATE TO FLANGE WELD, A 7" CRACK ACROSS THE COVER PLATE ONLY LEAVING 3 3/4"+/- NOT BEING CRACKED, A GOUGE IN THE COVER PLATE 8" X 1 1/4" X 1/4"+/- DEEP ALL AT 19'-11" FROM BENT 1. THE FLANGE AND COVER PLATE 8" X 1 1/4" X 1/4"+/- DEEP ALL AT 19'-11" FROM BENT 1. THE FLANGE AND COVER PLATE ARE BENT UPWARD 1/2", WITH AN INDENTION IN COVER PLATE 12"X 1/16" AT 21'-10" FROM FACE OF BENT 1. A 8" CRACK IN THE FLANGE TO COVER PLATE WELD AT 21'-2" FROM FACE OF BENT 1. INDENTIONS IN FLANGE COVER PLATE 5" X 1/16" AT 25'-9", A 2 1/2" X 1/2" AT 24'-6", A 6 1/2" X 1/4" AT 23'-11", A 3" X 1/16" AT 23'-7", 2 1/2" X 1/4" AT 23'-3", A 5 1/2" X 1/4" AT 18'-4", A 3'-4" X 1/16" AT 16'-2" ALL FROM FACE OF BENT 1. INDENTIONS IN FLANGE 2 1/2" X 1/2" AT 24'-6", A 4" X 1/4" AT 23'-11", A 1 1/2" X 1/4" AT 22'-8", A 12" X 1/4" AT 16'-2" ALL FROM FACE OF BENT 1. GIRDER IS OUT OF PLUMB 1 7/8" IN THE DIRECTION OF TRAFFIC AT 20'-2" FROM BENT 1. INDENTION IN FLANGE COVER PLATE 17" X 1/2" AND IN FLANGE 2'-0" X 5/8" AT 38'-2" FROM FACE OF BENT 1. INDENTION IN FLANGE COVER PLATE 7" X 5/8" AT 35'-7" FROM FACE OF BENT 1. GIRDER 10 IS 4 1/4" OUT OF PLUMB AT 37'-5" FROM FACE OF BENT 1. INDENTION IN FLANGE COVER PLATE 7" X 1/4" AT 23'-11" FROM FACE OF BENT 1. GIRDER 10 IS 4 1/4" OUT OF PLUMB AT 37'-5" FROM FACE OF BENT 1. INDENTION IN FLANGE COVER PLATE 7" X 5/8" AT 35'-7" FROM FACE OF BENT 1. GIRDER 10 IS 4 1/4" OUT OF PLUMB AT 37'-5" FROM FACE OF BENT 1. INDENTION IN FLANGE COVER PLATE 7" X 1/16" AND IN FLANGE 2'-10" X 1/4" AT 43'-1" FROM FACE OF BENT 1. (SEE PHOTOS)
		GIRDER #9: POINT OF IMPACT ON GIRDER #9 WAS 18'-0" FROM FACE OF BENT 1, INDENTION IN FLANGE COVER PLATE 1'-6" X 1/4". INDENTIONS IN FLANGE COVER PLATE 2 1/2" X 1/16" AT 19'-9", A 3" X 1/16" AT 16'-10" FROM FACE OF BENT 1. INDENTION IN FLANGE 1" X 1/16" AT 16'-10" FROM FACE OF BENT 1. A INDENTION IN FLANGE COVER PLATE 5" X 1/16" AT 36'-6" FROM FACE OF BENT 1. INDENTION IN FLANGE COVER PLATE 3" X 1/16" AT 42'-9" FROM FACE OF BENT 1. (SEE PHOTOS)
		GIRDER #8: POINT OF IMPACT ON GIRDER #8 WAS 21'-6" FROM FACE OF BENT 1, INDENTION IN FLANGE COVER PLATE 2" X 1/16" & 5 1/2" X 1/16", A INDENTION IN FLANGE 1 1/2" X 1/16" ALL IN THE DAMAGED AREA. INDENTION IN FLANGE COVER PLATE 1'-7" X 1/16" AT 19'-4", 1 1/2" X 1/16 AT 18'-3" FROM FACE OF BENT 1. THE TOP WELD ON THE STIFFNER AT THE WEST END OF GIRDER #8 HAS RUSTED AWAY . (SEE PHOTOS)
		GIRDER 7: POINT OF IMPACT ON GIRDER #7 WAS 23'-11" FROM FACE OF BENT 1, INDENTION IN FLANGE COVER PLATE 3 3/4" X 1/2" AND IN FLANGE 5" X 1/4" AT DAMAGED AREA. INDENTIONS IN FLANGE COVER PLATE 6" X 1/16" AT 22'-10", A 4" X 1/16" AT 21'-9" FROM FACE OF BENT 1. (SEE PHOTOS)
		GIRDER #6: POINT OF IMPACT ON GIRDER #6 WAS 23'-6" FROM FACE OF BENT 1, INDENTION IN FLANGE COVER PLATE 2 1/2" X 1/16" AND A 4" X 1/16" IN THE DAMAGED AREA (SEE PHOTO)

Bridge I&A Form 1(82)H

State of North Carolina

Dept. of Transportation Division of Highways FIELD INSPECTION REPORT

Bridge Inspecion & Analysis

Team Leader DEREK RICKUS

# Assisted By EAP Item No. Grade 10A NO NO CURVED GIRDERS

12	F	FROM PRIOR REPORT:
36a	F	CONNECTION PLATE OF INTERMEDIATE DIAPHRAGMS: ON GIRDER #10 AT 19'-4" FROM FACE OF BENT 1 HAS 4 LOOSE DIAPHRAGM BOLTS AND 4 DIAPHRAGMS BOLTS WITHOUT WASHERS. SPACERS/WAHERS HAVE BEEN ADDED BEHIND THE DIAPHRAGM TO THE LOWER DIAPHRAGM BOLTS TO FILL THE SPACE BETWEEN DIAPHRAGM AND WEB. BOTTOM OF DIAPHRAGM AT 39'-11" IS 2 1/2" FROM WEB. THE DIAPHRAGM BRACE ON GIRDER 10 IS BENT TO THE WEST 1 1/4" AT 39'-11" FROM FACE OF BENT 1. WASHERS HAVE BEEN ADDED TO THE LOWER HALF OF DIAPHRAGM TO MAKE UP 2 1/2" AT 39'-11" FROM FACE OF BENT 1. ON GIRDER 10 THE 22 DIAPHRAGM BOLTS 14 ARE WITHOUT WASHERS AND 8 HAVE WASHERS AT 39'-11" FROM BENT 1. AT THE TOP OF DIAPHRAGM ON GIRDER #8 AT 13'-11"FROM BENT 1 IS PULLED AWAY FROM WEB 1/8". THE SECOND BOLT DOWN ON THE RIGHT SIDE OF DIAPHRAGM BOLT ON GIRDER #9 AT 16'-6" FROM FACE OF BENT 1 IS NOT FULLY THREADED. DIAPHRAGM BOLT ON GIRDER 9 AT 34'-7" IS NOT PULLED UP TIGHT .REPAIRS HAVE BEEN MADE TO THE DIAPHRAGM ON GIRDER #9 AT 16'-6" FROM FACE OF BENT 1. ALL GIRDERS HAVE BEEN PAINTED SINCE DAMAGE. (SEE PHOTOS) SPALLING WITH RESTEEL EXPOSED, BENT 3, ABOVE C2, APPROX 6'L X 2'H SPALLING WITH RESTEEL EXPOSED, BENT 3, BTWN C2-3, BOTTOM STRANDS OF RESTEEL EXPOSED AT N CORNER, APPROX 8'L X 3'H SPALLING, BENT 3, C3 RADIUS, APPROX 4'L SPALLING WITH RESTEEL EXPOSED, BENT 3, BOTTOM SIDE OF CAP, BTWN C3-4, APPROX8'L X 4'W
		TEMP REPAIRS TO SPALLS SCATTERED ON BENT 1 CAP
36b	F	SPALLING WITH RESTEEL EXPOSED, BENT 2 CAP, BETWEEN C1-2 BENT 2, COLUMN 2 HAS A 1 FT HIGH X 5 INCH WIDE SPALL ON THE NE CORNER JUST UNDER THE HAUNCH.
36e		NOT VISIBLE
39	G	POURED CONCRETE
50	F	SOUTH APPROACH AWS CRACKED AND SUNKEN UP TO 0.5" FULL WIDTH. NORTH APPROACH AWS CRACKED, POTHOLED, AND SUNKEN UP TO 1.5", FULL WIDTH.

## **BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS**

Bridge: 350149

County GASTON

Date: 08/04/2014

	These Repairs Should Be Made Within Twelve Months From Date Of This Inspection								
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost				
2816	Asphalt Surface Repair or Replacement	SY	240	NORTH APPROACH AWS CRACKED, POTHOLED, AND SUNKEN UP TO 1.5", FULL WIDTH.					
3310	Maintenance/Re pair/Replacemen t of Standard Bridge Expansion Joints	LF	180	JOINT 3 CRACKEDFULL WIDTH, OPEN UP TO 4"W X UP TO 2"D					
3348	Maintain Concrete Substructure Components	LF	35	SPALLING WITH RESTEEL EXPOSED, BENT 2 CAP, BETWEEN C1-2 AND BETWEEN C2-3, TOTAL AREA APPROX 35SF					
3348	Maintain Concrete Substructure Components	LF	70	SPALLING WITH RESTEEL EXPOSED, BENT 3, BOTTOM SIDE OF CAP, BTWN C3-4, APPROX8'L X 4'W					



#### Structure 350149



SOUTH APPROACH AWS CRACKED AND SUNKEN UP TO 0.5" FULL WIDTH.



JOINT 1 CRACKED AND OPEN UP TO 1", FULL WIDTH



JOINT 2 CRACKED FULL WIDTH, OPEN UP TO 2.5"W X UP TO 2"D



JOINT 3 CRACKED FULL WIDTH, OPEN UP TO 4"W X UP TO 2"D



NORTH APPROACH AWS CRACKED, POTHOLED, AND SUNKEN UP TO 1.5", FULL WIDTH.



BEAMS PAINTED SINCE LAST INSPECTION.



SPALLING WITH RESTEEL EXPOSED, BENT 3 CAP, ABOVE C2, APPROX 6'L X 2'H



SPALLING WITH RESTEEL EXPOSED, BENT 3 CAP, BTWN C2-3, BOTTOM STRANDS OF RESTEEL EXPOSED AT N CORNER, APPROX 8'L X 3'H



SPALLING, BENT 3, C3 RADIUS, APPROX 4'L



SPALLING WITH RESTEEL EXPOSED, BENT 3 CAP, BOTTOM SIDE OF CAP, BTWN C3-4, APPROX8'L X 4'W

#### Structure 350149

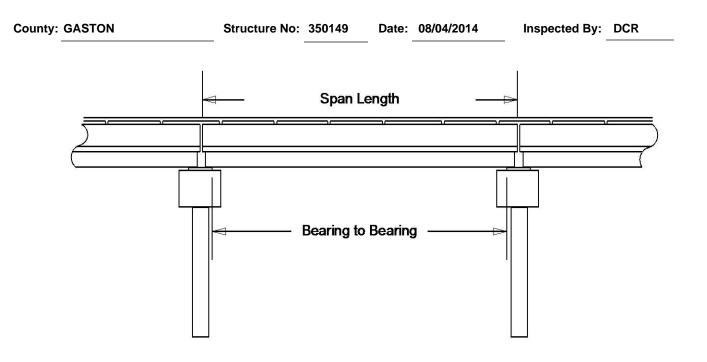


TEMP REPAIRS TO SPALLS SCATTERED ON BENT 1 CAP



SPALLING WITH RESTEEL EXPOSED, BENT 2 CAP, BETWEEN C1-2 AND BETWEEN C2-3, TOTAL AREA APPROX 35SF

### **Structure Data Worksheet**



Span No	Span Length	Bearing to Bearing	Comments
1	74.500'	72.083'	
2	75.000'	74.333'	
3	75.000'	74.333'	
4	65.000'	62.917'	NBIS = 281.5'

#### Spans

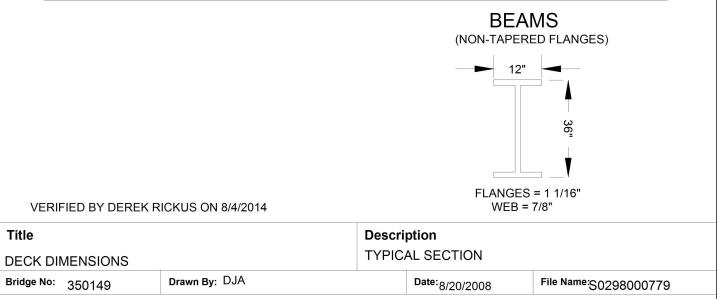
## **Bridge Inspection Field Sketch** Roadway Looking East 48.00ft Wide 4 Paved Lanes 12.00ft Unpaved Left Shoulder 12ft Wide **Right Shoulder** 9.00ft Unpaved 9ft Wide Left Guardrail **Right Guardrail** 9.00ft from road SOUTH APPROACH VERIFIED BY DEREK RICKUS ON 8/4/2014 Title Description APPROACH ROADWAY APPROACH ROADWAY Bridge No: 350149 Drawn By: DJA Date: 8/20/2008 File Name: S0298000778

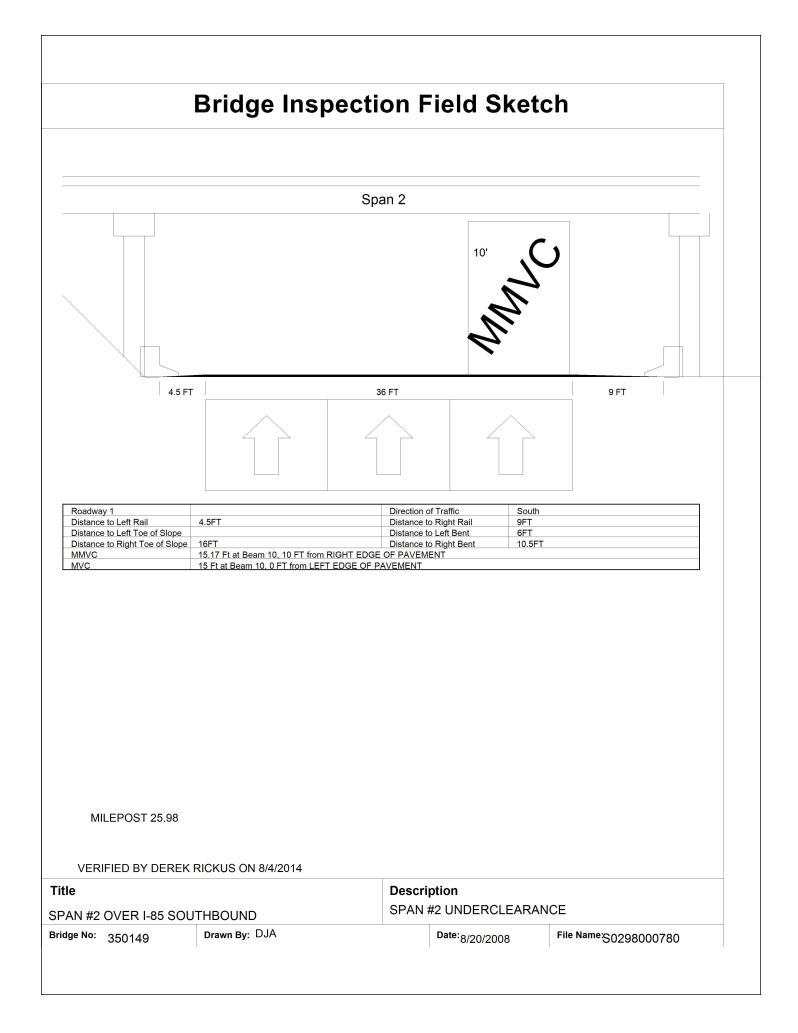
## **Bridge Inspection Field Sketch**

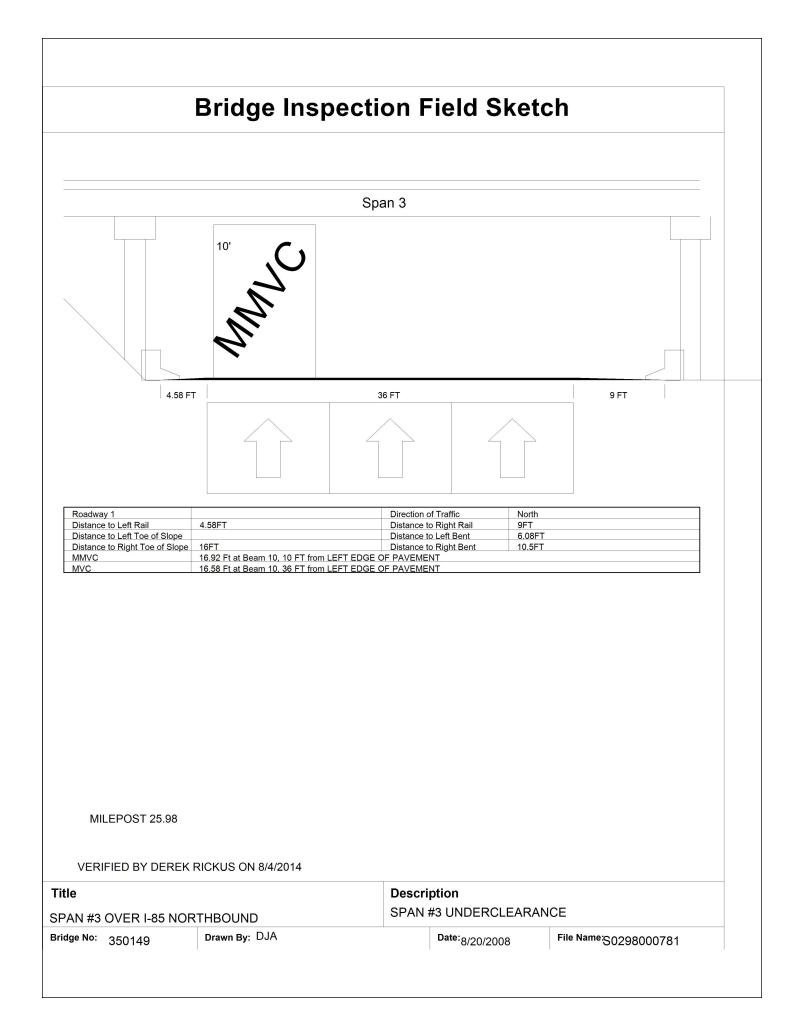
Deck Width/Out to Out	64.33ft	Wearing Surface	0.13ft
Between Rails	62.17ft	Median Width	
Curb Height	0.75ft	Median Height	
Top Rail to Deck/Wearing Surface	3.17ft	Left Guardrail Width	
Clear Roadway	52.00ft	Right Guardrail Width	
Left Bridge Rail	Type 13	Right Bridge Rail	Туре 13

Measurements for Span #	1		
Deck Thickness	0.56	Left Overhang	5.29
Top of Rail to Bottom of Beam		Right Overhang	5.29

Beam No	Beam Type	Spacing	Comments	
1	Steel I Beam	6.08ft		
2	Steel I Beam	6.08ft		
3	Steel I Beam	6.08ft		
4	Steel I Beam	6.08ft		
5	Steel I Beam	5.00ft		
6	Steel I Beam	6.08ft		
7	Steel I Beam	6.08ft		
8	Steel I Beam	6.08ft		
9	Steel I Beam	6.08ft		
10	Steel I Beam			

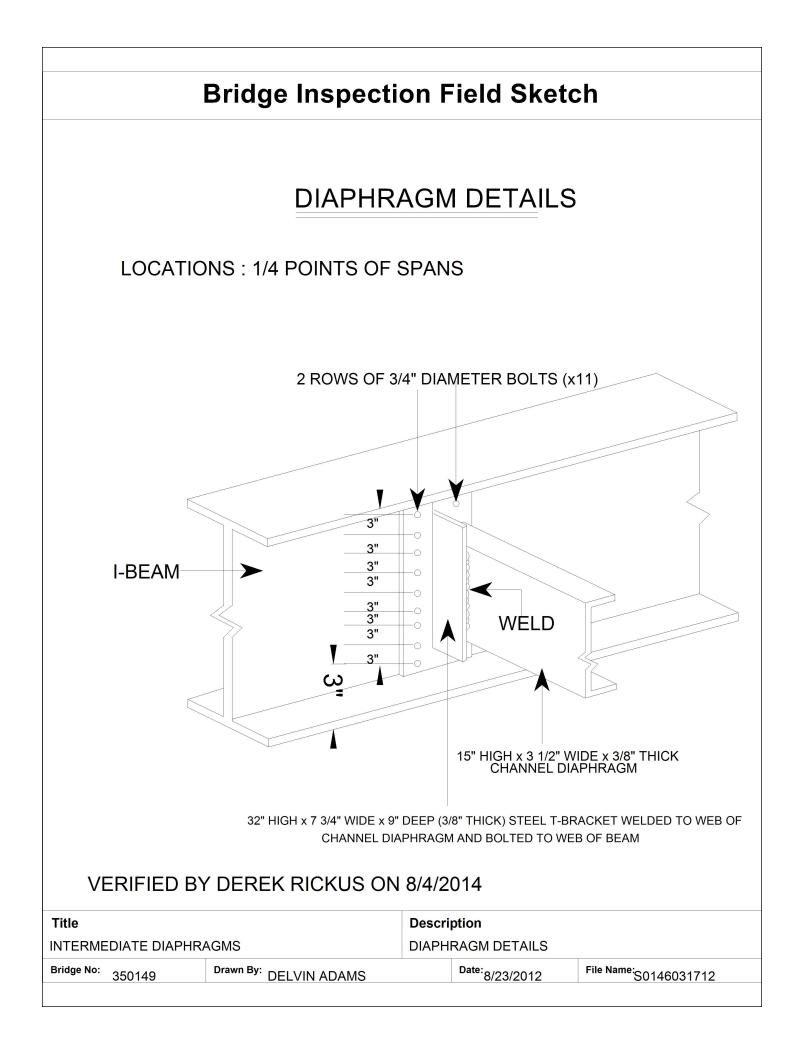






<b>Bridge Inspection</b>	Field Sketch
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	formation				lace Concre					
Length		Height	Left Over	-	Right Overh	-	eam to Er	nd of Cap.	Right Beam to E	nd of Cap.
78.000 f		2.500 ft.	5.000	ft.	5.000 ft.	1.8	333 ft.		1.833 ft.	
	o Information		Material							
Length	h Width	Height	Left Over	hang I	Right Overh	ang Left P	ile to Splic	ce.		
Sill Info	ormation		Material							
Length		Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacem	ent? Removed?	Collar?
1	Concrete	17.000 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
2	Concrete	17.000 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
3	Concrete	17.000 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
4	Concrete	17.000 ft.	2.500 ft.	2.500 ft.		Vertical	No	No	No	No
5	Concrete		2.500 ft.	2.500 ft.		Vertical	No	No	No	No
Ţ	VERIFIE	D BY D	)EREK	RICK	US ON	8/4/20	14			
Dent/Al	butment #: 1		Similar	Sonto: (	2,3					
	bullineill #.		Similar E	Deniis.			、			
						Description				
le						-				
le	R BENTS	Drawn				SUBSTRUC			File Name: S01460	



## **Bridge Inspection Field Sketch**

Roadway	48.00ft Wide	4 Paved Lanes	Looking North
Left Shoulder	9ft Wide		9ft Unpaved
Right Shoulder	12ft Wide		12ft Unpaved
Left Guardrail	9ft from road		
Right Guardrail	12ft from road		

## NORTH APPROACH (LOOKING NORTH)

## VERIFIED BY DEREK RICKUS ON 8/4/2014

B

Title		Description		
NORTH APPROACH		DETAILS		
Bridge No: 350149	Drawn By: DEREK RICKUS		Date: 8/4/2014	File Name: S0142002210



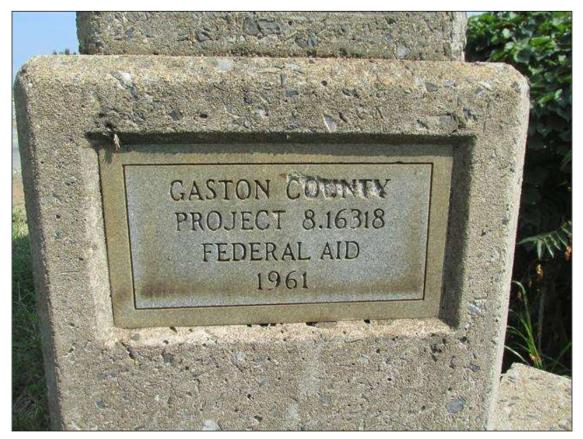
TYP GR END FOR SOUTHEAST & NORTHWEST CORNERS



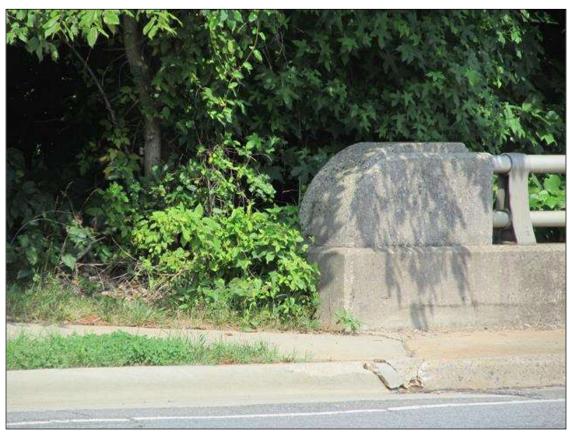
SOUTH APPROACH



GR NOT CONNECTED, SOUTHEAST & NORTHWEST CORNERS



DATA PLATE, SOUTHEAST CORNER



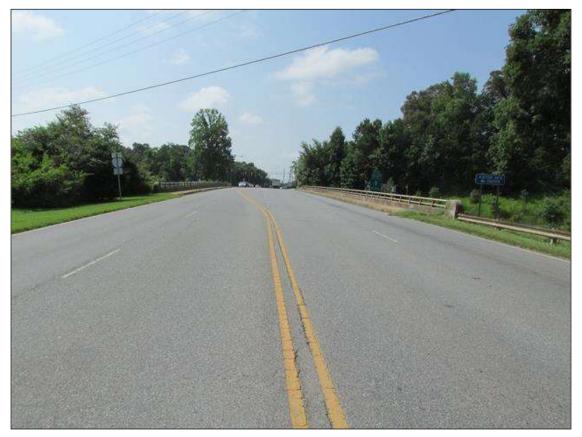
#### NO GR, SOUTHWEST & NORTHEAST CORNERS



GUARDRAIL LOOKING SOUTH



#### GUARDRAIL LOOKING NORTH



NORTH APPROACH



#### LOOKING EAST



ABUTMENT 2



BENT 3



Structure 350149 County GASTON

Structure Photos



#### LOOKING WEST



ABUTMENT 1



BENT 1