

Structure Safety Report

Routine Element Inspection

INSPECTION DATE: 02/07/2019

DIVISION: 4 COUNTY: EDGECO	MBE STRUCTURE NUMBER: 3200	04 FREQUENC	CY: 24 MONTHS
FACILITY CARRIED: SR1404		MILE POST:	
LOCATION: 0.5 MI. N. JCT. SR1411			
FEATURE INTERSECTED: SWIFT CREE	K		
LATITUDE: 36° 3' 28.53"	LONGITUDE: 77° 40' 57.63"		-
SUPERSTRUCTURE: REINFORCED CO	ONCRETE FLOOR ON I-BEAMS & ENCASED	I-BEAMS	
SUBSTRUCTURE: ABUTS:RC FULL HEI	GHT;INT.BTS:RC SOLID PIERS		
SPANS: 5 SPANS. SEE SPAN PROFI	LE SHEET FOR SPAN DETAILS		
FRACTURE CRITICAL TEMPO	ORARY SHORING SCOUR CRITICAL	SCOUR PLAN	OF ACTION
NBI GRADES: DECK 6 SU	PERSTRUCTURE 4 SUBSTRUCTURE	6 CULVERT N	
POSTED SV: 15	POSTED TTST: 20		
OTHER SIGNS PRESENT: 4 DELINEATO	ORS		
		Sign noticed issued for	Number Required
A.		NO W	/EIGHT LIMIT 0
		NO DI	ELINEATORS 0
A TOTAL OF THE STATE OF THE STA		NO NAR	RROW BRIDGE 0
	A STATE OF THE STA	NO ONE	LANE BRIDGE 0
		NO LOV	V CLEARANCE 0
	muse of the state of	2011	
		DIRECTION INSPECTION	
		DIRECTION MATCHES PI	
LOOKING NORTH			· <u></u>
INSPECTED BY Willis C May	SIGNATURE W.M. C. May	ASSISTED BY Phi	llip D Carr

Structure Element Scoring

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	О	Reinforced Concrete Deck	Deck	3420	3127	287	6	0
107	0	Steel Open Girder/Beam	Beam	1250	744	423	83	0
515	107	Steel Protective Coating	Beam	2017	1107	0	0	910
521	107	Concrete Protective Coating	Beam	82	80	0	2	0
205	0	Reinforced Concrete Column	Piles and Columns	8	0	8	0	0
215	0	Reinforced Concrete Abutment	Abutments	94	42	52	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	7	0	7	0	0
227	0	Reinforced Concrete Pile	Piles and Columns	1	0	1	0	0
234	0	Reinforced Concrete Pier Cap	Caps	112	76	29	7	0
316	0	Other Bearings	Bearing Device	32	0	32	0	0
515	316	Steel Protective Coating	Bearing Device	32	0	0	0	32
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	250	250	0	0	0
510	0	Wearing Surface	Wearing Surfaces	3000	2856	144	0	0

Summary of Maintenance Needs

Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	28 Square Feet
3314	Steel Open Girder/Beam	Corrosion	83 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	4 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	24 Feet
2816	Wearing Surface	Crack (Wearing Surface)	144 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	942 Square Feet
5603	Concrete Protective Coating	Effectiveness (Concrete Protective Coatings)	2 Square Feet

Element Structure Maintenance Quantities

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	94	0	0	52	42
Beam	3314	Maintenance Steel Superstructure Components	83	1250	0	83	423	744
Beam	3342	Clean and Paint Steel	910	2017	910	0	О	1107
Beam	5603	Partial Cleaning and Painting of Structural Steel	2	82	0	2	0	80
Bearing Device	3334	Bridge Bearing	0	32	0	0	32	0
Bearing Device	3342	Clean and Paint Steel	32	32	32	0	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	250	0	0	0	250
Caps	3348	Maintenance of Concrete Substructure	28	112	0	7	29	76
Deck	3326	Maintenance of Concrete Deck	28	3420	0	6	287	3127
Piles and Columns	3348	Maintenance of Concrete Substructure	0	16	0	0	16	0
Wearing Surfaces	2816	Asphalt Surface Repair	144	3000	0	0	144	2856

Element Condition and Maintenance Data

Structure Number: 320004 Inspection Date: 02/07/2019

	<u></u>						•••	op 00	_ a.s. <u></u>
Spa	ın 1		Deck						
Rei	nforced Concrete	e Deck							
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfo	rced Concrete Deck		684	634	50	0	0	Square Feet
Elemen Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
12	Abrasion/Wear (PSC/RC)	ABRASION CURBS				2	50		Square Feet
	General Comments								

Span 1		Beam 1						
Plate Girde	er							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	20	5	0 F	eet
515	Steel Pro	otective Coating	105	55	0	0	50 \$	Square Feet
Element Number De	efect Type	Defect De	scription		cs	CS Qty	Maint Qty	
107 Corrosi	on	SECTION LOSS BENT 1 BOTTO REMAINING 4 FOOT LONG, WE HIGH PRIORITY MAINTENANG	EB 5/16 IN REMAINING	G 3 IN	3	4	4	Feet
107 Corrosi	on	SECTION LOSS BOTTOM FLAN REMAINING 2 IN LONG PRIOR			3	1	1	Feet
107 Corrosi	on	SURFACE RUST FLANGES AN	D WEB		2	20		Feet
515 Effective	eness (Steel	FAILED COATING			4	50	50	Square Fee

Spa Plat	n 1 e Girder	Beam 2						
	ment nber Steel O	Element Name pen Girder/Beam	Total Qty 25	CS1 Qty 0	CS2 Qty 22	CS3 Qty 3	CS4 Qty 0 F	eet
515	Steel P	rotective Coating	105	55	0	0	50 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS BOTTOM FLANGE 1/4 IN REMAINING PRIORITY MA			3	1	1	Feet
107	Corrosion	SECTION LOSS WEB BENT 1 HOL IN END, BOTTOM FLANGE 100 % WIDE X 16 IN LONG PRIORITY M	SECTION LOSS 3/4	4 IN	3	2	2	Feet
107	Corrosion	SURFACE RUST FLANGES AND V	VEB		2	22		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	50	50	Square Feet

Spar	1 1	Bean	ı 3						
Plate	Girder								
Elem Num		Element Name		tal Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam		25	25	0	0	0	Feet
521	Concret	e Protective Coating		82	80	0	2	0	Square Feet
Element Number	Defect Type	Defe	ct Description			cs	CS Qty	Maint Qty	
	Effectiveness (Concrete Protective Coatings)	CONCRETE CRACKING				3	2	•	2 Square Feet

Span Plate	1 Girder	Beam 9						
Elem-	****	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	23	2	0 1	-eet
515	Steel Pro	tective Coating	105	65	0	0	40 \$	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS WEB BENT 1 - LONG , BOTTOM FLANGE 100 ° X 1 FOOT LONG PRIORITY MA	% SECTION LOSS 1 N	WIDE	3	2	2	Feet
107	Corrosion	SURFACE RUST FLANGES AND	O WEB		2	23		Feet
	Effectiveness (Steel Protective Coatings)	FAILED COATING.			4	40	40	Square Feet

Spa	n 1	Beam 10						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	23	2	0 F	eet
515	Steel Pro	otective Coating	105	65	0	0	40 8	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS BOTTOM FLAN 16 IN LONG PRIORITY MAINTE		N WIDE	3	2	2	Feet
107	Corrosion	SURFACE RUST FLANGES AND) WEB		2	23		Feet
515	Effectiveness (Steel	FAILED COATING.			4	40	40	Square Feet
313	Protective Coatings)							

Span 1		Wearing Surface						
Asphalt	Wearing Surface							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface		600	552	48	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

48 Square Feet

Crack (Wearing TRANSVERSE CRACKING OVER BENT 1 END BENT 1 Surface)

SIMILAR

Spa	an 1	Far Bearin	g					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	3	2	1		Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spa	an 1		F	ar Bearing						
Oth	ner Bearing	9								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	earings		1	0	1	0	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemei Numbe	Dofoc	t Type		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		SURFACE RUST TO	UP TO 1/16 INCH SE	ECTION LOS	3	2	1		Each
515	Effectivenes		FAILED COATING				4	1		1 Square Feet
	General Cor	nments								

Span Other	ı 1 r Bearing	Far Bearing	g					
Eleme Numb	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOS	S	2	1		Each
	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
G	eneral Comments							

n 1	Far Bearin	g					
er Bearing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOS	SS	2	1	•	Each
Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	Steel Product Type Corrosion Effectiveness (Steel	ment Defect Type Defect Descriptor SURFACE RUST TO UP TO 1/16 Effectiveness (Steel FAILED COATING	ment Element Name Qty Other Bearings 1 Steel Protective Coating 1 Other Type Defect Description Corrosion SURFACE RUST TO UP TO 1/16 INCH SECTION LOSE Effectiveness (Steel FAILED COATING	ment Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 tr Defect Type Defect Description Corrosion SURFACE RUST TO UP TO 1/16 INCH SECTION LOSS Effectiveness (Steel FAILED COATING	ment Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0 It Defect Type Defect Description CS Corrosion SURFACE RUST TO UP TO 1/16 INCH SECTION LOSS 2 Effectiveness (Steel FAILED COATING 4	Total CS1 CS2 CS3	Total CS1 CS2 CS3 CS4

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	684	613	65	6	0 Square Feet	
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	5' LONG X 3" DEEP SPALL IN RIG INTERIOR BENT 1. 1' LONG X 3" SIDE OF DECK OVER BENT 2.			3	6	6 Square Fee	et
12	Abrasion/Wear (PSC/RC)	ABRASION CURBS			2	50	Square Fee	et
12	Efflorescence/Rust Staining	EFFLO LEAKAGE IN BOTTOM OF	DECK BAY 5		2	15	Square Fee	et
	General Comments							

Span 2		Beam 1						
Plate G	irder							
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	21	4	0 F	eet
515	Steel Pro	otective Coating	107	67	0	0	40 \$	Square Feet
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
107 Co	rrosion	SECTION LOSS BOTTOM FLANGE WIDE X 2 FOOT LONG, WEB 5/16 PRIORITY MAINTENANCE ISSUED	6 IN REMAINING 3		3	2	2	Feet
107 Co	rrosion	SECTION LOSS EDGE BOTTOM F EDGE 1/16 IN REMAINING, 5/16 IN HIGH PRIORITY MAINTENANCE	REMAINING WEE		3	2	2	Feet
107 Co	rrosion	SURFACE RUST FLANGES AND V	VEB		2	21		Feet
515 Eff	ectiveness (Steel	FAILED COATING.			4	40	40	Square Feet

Spa	n 2	Beam 2						
Plate	e Girder							
Elen Nun 107		Element Name el Open Girder/Beam	Total Qty 25	CS1 Qty 0	CS2 Qty 21	CS3 Qty 4	CS4 Qty 0 Fe	eet
Elemen Number	Dofoct Type	e Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS BENT 1 WEB - HO REST OF AREA 1/16 IN REMAININ 1/8 IN REMAINING 1 FOOT LONG MAINTENANCE ISSUED	G, SECTION LOSS		3	2	2	Feet
107	Corrosion	SECTION LOSS WEB BENT 2 - HO BOTTOM FLANGE 100 % SECTION LONG PRIORITY MAINTENANCE	LOSS 1 IN WIDE		3	2	2	Feet
	Corrosion	SURFACE RUST			2	21		Feet

Span 2		Beam 6						
Plate G	irder							
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	25	23	2	0	0 Feet	
lement Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107 Co	rrosion	RUST BOTTOM FLANGE IN SPA	ALLED COATING ARE	ΞA	2	2	Feet	

Spai	n 2	Beam 9						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	25	0	18	7	0 1	Feet
515	Steel F	Protective Coating	107	67	0	0	40	Square Feet
lement lumber	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS BEAM BENT 2 - 2 1 IN WIDE X 3 FOOT LONG , WEB HIGH PRIORITY MAINTENANCE	5/16 IN REMAININ		3	3	3	Feet
107	Corrosion	SECTION LOSS BOTTOM FLANG WIDE X 4 FOOT LONG , WEB 5/16 PRIORITY MAINTENANCE ISSUE	IN REMAINING 3		3	4	4	Feet
107	Corrosion	SURFACE RUST			2	18		Feet
515	Effectiveness (Steel Protective Coatings)	FAILED COATING.			4	40	40	Square Fee

Span 2	2	Beam 10						
Plate 0	Girder							
Elemen Numbe	- -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	19	6	0 F	Feet
515	Steel Pro	otective Coating	107	67	0	0	40 \$	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107 Co	orrosion	SECTION LOSS 1/8 IN REMAINIT FLANGE BENT 1 PRIORITY MA			3	2	2	Feet
107 Co	orrosion	SECTION LOSS BOTTOM FLANG REMAINING 4 FOOT LONG, WE HIGH X 4 FOOT LONG PRIORIT	B 5/16 IN REMAININ		3	4	4	Feet
107 Co	orrosion	SURFACE RUST FLANGES, WE	В		2	19		Feet
	fectiveness (Steel otective Coatings)	COATING FAILING			4	40	40	Square Feet

Spa	n 2	Wearing Su	rface					
Asp	halt Wearing Sur	face						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	600	576	24	0	0 8	Square Feet
lemen lumbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	TRANSVERSE CRACK BENT 2			2	24	24	Square Feet
-	General Comments							

Spar	າ 2	Near Bear	ing					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	;	2	1	-	Each
	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
(General Comments							

Span 2 Other Bea	aring	Far Beari	ing					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
316 Corros	sion	SURFACE RUST TO UP TO 1/1	6 INCH SECTION LOSS	;	2	1	•	Each

1 Square Feet

515 Effectiveness (Steel FAILED COATING 4 1 Protective Coatings)

Spa	ın 2	Near Bearii	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16 I	NCH SECTION LOSS	3	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spa	an 2		Fa	r Bearing						
Oth	ner Be	aring								
	ement mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemei Numbe		Defect Type	D	efect Description			cs	CS Qty	Maint Qty	
316	Corro	sion	SURFACE RUST TO U	P TO 1/16 INCH SE	CTION LOSS	3	2	1		Each
515		tiveness (Steel ctive Coatings)	COATING FAILED				4	1		1 Square Feet
	Genera	al Comments								

Spa	an 2			Near Bearing						
Oth	ner Bearing									
	ement mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	(Other Be	arings		1	0	1	0	0	Each
515	;	Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Eleme Numb	Dofoot T	уре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		SURFACE RUST				2	1		Each
515	Effectiveness (Protective Coa		FAILED COATING				4	1		1 Square Feet
	General Comm	ents								

Span 2		Far Bearing	g					
Other E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316 Co	rrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOS	SS	2	1	•	Each
	ectiveness (Steel otective Coatings)	FAILED COATING			4	1		1 Square Feet
	eral Comments							

Spa	n 2		Near Bearing						
Oth	er Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings		1	0	1	0	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST				2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1		1 Square Feet
-	General Comments								

Spa	an 2			Far Bearing						
Oth	ner Bearing									
	ment mber	E	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	C	ther Bearing	S		1	0	1	0	0	Each
515	S	teel Protectiv	e Coating		1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot Tu	ре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	SUF	RFACE RUST TO	O UP TO 1/16 INCH SEC	CTION LOSS	3	2	1		Each
515	Effectiveness (S Protective Coat		ED COATING				4	1		1 Square Feet
	General Comme	ents								

Span	13	Deck						
Rein	forced Concrete	Deck						
Elem Num	ber	Element Name	Total Qty 684	CS1 Qty 630	CS2 Qty 54	CS3 Qty	CS4 Qty	Square Feet
Element Number		Defect Des			cs	CS Qty	Maint Qty	
	Abrasion/Wear (PSC/RC)	ABRASION CURBS			2	50		Square Feet
	Delamination/Spall	SMALL SURFACE SPALLS IN BO	OTTOM OF DECK		2	4	4	Square Feet

e Girder							
nent liber Steel O	Element Name pen Girder/Beam	Total Qty 25	CS1 Qty 0	CS2 Qty 21	CS3 Qty 4	CS4 Qty 0 F	-eet
Steel Pr	rotective Coating	107	57	0	0	50 \$	Square Feet
Defect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
Corrosion				3	2	2	Feet
Corrosion	IN WIDE X 2 FOOT LONG, 5/16 IN R	EMAINING WEB		3	2	2	Feet
Corrosion	SURFACE RUST FLANGES , WEB			2	21		Feet
Effectiveness (Steel Protective Coatings)	COATING FAILED			4	50	50	Square Feet
	ber Steel O Steel Pr Defect Type Corrosion Corrosion Effectiveness (Steel	ber Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Defect Descrip Corrosion SECTION LOSS 100 % BENT 3 BOT X 2 FOOT LONG, WEB 5/16 IN REM PRIORITY MAINTENANCE ISSUED Corrosion SECTION LOSS EDGE BENT 2 BOT IN WIDE X 2 FOOT LONG, 5/16 IN R HIGH PRIORITY MAINTENANCE ISSUED Corrosion SURFACE RUST FLANGES, WEB Effectiveness (Steel Protective Coatings)	ber Element Name Qty Steel Open Girder/Beam 25 Steel Protective Coating 107 Defect Description Corrosion SECTION LOSS 100 % BENT 3 BOTTOM FLANGE 1 X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH PRIORITY MAINTENANCE ISSUED Corrosion SECTION LOSS EDGE BENT 2 BOTTOM FLANGE 1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEBHIGH PRIORITY MAINTENANCE ISSUED Corrosion SURFACE RUST FLANGES , WEB Effectiveness (Steel Protective Coatings) COATING FAILED	ber Element Name Qty Qty Steel Open Girder/Beam 25 0 Steel Protective Coating 107 57 Defect Description Corrosion SECTION LOSS 100 % BENT 3 BOTTOM FLANGE 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH PRIORITY MAINTENANCE ISSUED Corrosion SECTION LOSS EDGE BENT 2 BOTTOM FLANGE 100 % -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH PRIORITY MAINTENANCE ISSUED Corrosion SURFACE RUST FLANGES , WEB Effectiveness (Steel Protective Coatings) COATING FAILED	ber Element Name Qty Qty Qty Qty Step Qty Qt <t< td=""><td>ber Element Name Qty <t< td=""><td>ber Element Name Qty <t< td=""></t<></td></t<></td></t<>	ber Element Name Qty Qty <t< td=""><td>ber Element Name Qty <t< td=""></t<></td></t<>	ber Element Name Qty Qty <t< td=""></t<>

n 3	Ве	am 2					
e Girder							
mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	- eet
·		107	57	0	0	-	Square Feet
Dofoct Typo	De	efect Description		cs	CS Qty	Maint Qty	
Corrosion	SECTION LOSS BENT : REMAINING 2 FOOT		E ISSUED	3	2	2	Feet
Corrosion	LOSS BOTTOM FLANG	SE 100 % 1 IN WIDE X 12 IN	,	3	2	2	Feet
Corrosion	SURFACE RUST WEB	FLANGES		2	21		Feet
Effectiveness (Steel Protective Coatings)	COATING FAILED			4	50	50	Square Feet
	see Girder ment mber Steel Op Steel Pro tr Defect Type Corrosion Corrosion	ment Steel Open Girder/Beam Steel Protective Coating to Defect Type Defect Type Corrosion SECTION LOSS BENT REMAINING 2 FOOT SECTION LOSS WEB E LOSS BOTTOM FLANG PRIORITY MAINTENAN SURFACE RUST WEB	ment Element Name Qty Steel Open Girder/Beam 25 Steel Protective Coating 107 It Defect Type Defect Description Corrosion SECTION LOSS BENT 2 BOTTOM FLANGE 1/8 IN REMAINING 2 FOOT PRIORITY MAINTENANC! Corrosion SECTION LOSS WEB BENT 3 - HOLE 4 IN X 12 IN LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 12 IN PRIORITY MAINTENANCE ISSUED Corrosion SURFACE RUST WEB FLANGES	ment Element Name Qty Qty Steel Open Girder/Beam 25 0 Steel Protective Coating 107 57 Total CS1 Qty Qty Steel Open Girder/Beam 25 0 Steel Protective Coating 107 57 Total CS1 Qty Qty Steel Open Girder/Beam 25 0 Steel Protective Coating 107 57 Total CS1 Qty Qty Steel Open Girder/Beam 25 0 Steel Protective Coating 107 57 Total CS1 Qty Qty Steel Open Girder/Beam 25 0 Formal CS2 Steel Protective Coating 107 57 Total CS3 Steel Open Girder/Beam 25 0 Formal CS3	Total CS1 CS2	ment Element Name Qty Qty Qty Qty Qty Steel Open Girder/Beam 25 0 21 4 Steel Protective Coating 107 57 0 0 Total CS1 CS2 CS3 Qty	Total CS1 CS2 CS3 CS4

Spa	Span 3		Beam 9						
Pla	te Girder								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	oen Girder/Beam	25	0	20	5	0	Feet
515		Steel Pr	otective Coating	107	67	0	0	40	Square Feet
Elemei Numbe	Dofoot	Туре	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion		SECTION LOSS BENT 2 WEB - H LOSS BOTTOM FLANGE 100 % 1 PRIORITY MAINTENANCE ISSUE	I IN WIDE X 3 FOOT		3	3	:	3 Feet
107	Corrosion		SECTION LOSS BENT 3 WEB - H SECTION LOSS BOTTOM FLANG LONG PRIORITY MAINTENANCE	SE 100 % 1 IN WIDE		3	2	:	2 Feet
107	Corrosion		SURFACE RUST			2	20		Feet
515	Effectivenes: Protective Co		COATING FAILING			4	40	4	O Square Feet
	General Com	ments							

Span :	3	Beam 10						
Plate (Girder							
Eleme Number	er	Element Name pen Girder/Beam	Total Qty 25	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Feet
515	·	rotective Coating	107	57	0	0	50	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107 C	orrosion	SECTION LOSS 100 % 1 IN WIDE BOTTOM FLANGE, 1/4 IN REMAIN PRIORITY MAINTENANCE ISSUE	NING WEB 4 IN HIG		3	2	2	? Feet
107 C	orrosion	SECTION LOSS EDGE BOTTOM IN WIDE X 4 FOOT LONG, 5/16 IN HIGH PRIORITY MAINTENANCE	N REMAINING WEB		3	4	4	Feet
107 C	orrosion	SURFACE RUST			2	19		Feet
515 E	ffectiveness (Steel	COATING FAILING			4	50	50	Square Feet

Spar	າ 3	Wearing S	Surface					
Aspl	halt Wearing Sur	face						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	600	576	24	0	0 8	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
	Crack (Wearing Surface)	TRANSVERSE CRACK BENT 3			2	24	24	Square Feet
-	General Comments							_

Spa	n 3	Near Bear	ing					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	3	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet

Spa	ın 3		Far Bearing						
Oth	er Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings		1	0	1	0	0	Each
515	Steel P	rotective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST				2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1		1 Square Feet
	General Comments								

Spa	n 3		Near Bearing						
Oth	er Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings		1	0	1	0	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST				2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING				4	1		1 Square Feet
-	General Comments								

Spa	an 3	Far Bearin	g					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS		2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spar		Near Bea	ring					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/1	6 INCH SECTION LOS	SS	2	1	-	Each
	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

Spa	an 3		Far Bea	ring					
Oth	ner Bearing								
	ement ımber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	earings	1	0	1	0	0	Each
515		Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Eleme Numb	Dofoot	Туре	Defect I	Description		cs	CS Qty	Maint Qty	
316	Corrosion		SURFACE RUST TO UP TO 1	/16 INCH SECTION LOSS		2	1	-	Each
515	Effectivenes Protective C		FAILED COATING			4	1		1 Square Feet
	General Com	ments							

Spa	n 3	Near Bearin	g					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16 IN	ICH SECTION LOS	SS	2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
-	General Comments							

Spa	an 3		Far Beari	ng					
Oth	er Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	(Other Bo	earings	1	0	1	0	0	Each
515	;	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoct T	уре	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion		SURFACE RUST TO UP TO 1/1	6 INCH SECTION LOS	S	2	1		Each
515	Effectiveness Protective Coa		COATING FAILED			4	1		1 Square Feet
	General Comm	ents							

Sp	an 4			Deck						
Re	inforce	ed Concrete	Deck							
	ement ımber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12		Reinfor	ced Concrete Deck		684	632	52	0	0	Square Feet
Eleme Numb	-	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
12	Abras (PSC	sion/Wear /RC)	ABRASION CURBS				2	50		Square Feet

2 Square Feet

12 Delamination/Spall 2' LONG X 2" WIDE SURFACE SPALL WITH EXPOSED STEEL UNDER BAY 7 AT BENT 4

Span	4	Beam 1						
Plate	Girder							
Eleme Numb	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	25	0	21	4	0 F	eet
515	Steel Pr	otective Coating	107	37	0	0	70 S	Square Feet
lement Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107 C	Corrosion	SECTION LOSS BENT 3 BOTTO X 2 FOOT LONG, WEB 5/16 IN F PRIORITY MAINTENANCE ISSU	REMAINING 4 IN HIG		3	2	2	Feet
107 C	Corrosion	SECTION LOSS BENT 4 BOTTO WIDE X 18 IN LONG PRIORITY	,		3	2	2	Feet
107 C	Corrosion	SURFACE RUST WEB, FLANGE	S		2	21		Feet
	Effectiveness (Steel Protective Coatings)	COATING FAILING			4	70	70	Square Fee

Spa	ın 4		Beam 2						
Plat	te Girder								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	:	Steel Op	oen Girder/Beam	25	0	20	5	0	Feet
515	;	Steel Pro	otective Coating	107	57	0	0	50	Square Feet
lemer lumbe	Dofoot T	уре	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion		100 % SECTION LOSS EDGE BOT IN WIDE X 3 FOOT LONG PRIORI ISSUED	-		3	3	;	3 Feet
107	Corrosion		SECTION LOSS BENT 3 BOTTOM HOLE IN WEB 100 % 1 IN WIDE X 1 REMAINING WEB 3 IN HIGH PRIC ISSUED	18 IN LONG , 5/16	IN	3	2	:	2 Feet
107	Corrosion		SURFACE RUST			2	20		Feet
515	Effectiveness Protective Coa		COATING FAILING			4	50	50	Square Feet

Spa Plat	n 4 e Girder	Beam 3						
	nent nber Steel O	Element Name	Total Qty 25	CS1 Qty 21	CS2 Qty	CS3 Qty	CS4 Qty	
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion General Comments	SURFACE RUST BOTTOM FLAN CONCRETE	IGE AT SPALLED		2	4		Feet

Span 4		Beam 9						
Plate Girder								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	25	0	21	4	0	Feet
515	Steel Pro	otective Coating	107	67	0	0	40	Square Feet
Element Number Defec	t Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
107 Corrosion		SECTION LOSS 100 % BOTTOM X 2 FOOT LONG , 5/16 IN REMAI PRIORITY MAINTENANCE ISSUE	NING WEB 2 IN HIGI		3	2	2	2 Feet
107 Corrosion		SECTION LOSS WEB BENT 4 - H SECTION LOSS 100 % BOTTOM FOOT LONG PRIORITY MAINTE	FLANGE 1 1/2 IN WI	•	3	2	2	2 Feet
107 Corrosion		SURFACE RUST			2	21		Feet
515 Effectivene Protective (COATING FAILING			4	40	40) Square Feet
General Cor								

Spa	an 4	Beam 10						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	25	0	20	5	0	Feet
515	Steel P	rotective Coating	107	67	0	0	40	Square Feet
Eleme	Dofoct Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
107	Corrosion	100 % SECTION LOSS BENT 3 BOT WIDE X 3 FOOT LONG 5/16 IN REM PRIORITY MAINTENANCE ISSUED			3	3	. 3	3 Feet
107	Corrosion	SECTION LOSS 100 % IN BOTTOM WIDE X 16 IN LONG , 5/16 IN REMA PRIORITY MAINTENANCE ISSUED	-		3	2	2	2 Feet
107	Corrosion	SURFACE RUST			2	20		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILING			4	40	40) Square Feet
	General Comments							

Square Feet
Square Feet
1

Spa	ın 4	Near Beari	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	3	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spa Oth	n 4 er Bearing	Far Bearin	g					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	3	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spa	an 4	Near Beari	ng					
Oth	ner Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel F	rotective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16 I	NCH SECTION LOSS	;	2	1		Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spai Othe	n 4 er Bearing	Far Bea	ring					
Elem Num 316		Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
lement lumber	Dofoct Typo	Defect D	Description		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1	/16 INCH SECTION LOS	S	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

Spa	an 4	Near Bearin	Near Bearing						
Oth	ner Bearing								
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
316	Other B	Bearings	1	0	1	0	0	Each	
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet	
Eleme Numb	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty		
316	Corrosion	SURFACE RUST TO UP TO 1/16 I	NCH SECTION LOSS	3	2	1		Each	
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet	
	General Comments								

Spa	an 4	Far Bear	ing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/1	16 INCH SECTION LOS	S	2	1		Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spa	an 4	Near Bea	ring					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/1	6 INCH SECTION LOSS	;	2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Span 4		Far Bearing						
Other B	earing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>320004</u>	Inspe	ction Date: <u>02/07/2019</u>		
316	Corrosion	SURFACE RUST TO UP TO 1/16 INCH SECTION LOSS	2	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet
	General Comments				

Spa	n 5	Deck						
Reir	nforced Concrete	Deck						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	684	618	66	0	0 8	Square Feet
lemen lumbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Abrasion/Wear (PSC/RC)	ABRASION CURBS			2	50		Square Feet
12	Delamination/Spall	SPALLING UNDER BAY 7			2	9	9	Square Fee
12	Delamination/Spall	SURFACE SPALLS WITH EXPOSI	ED STEEL UNDER	BAY 3	2	7	7	Square Feet

Spa	ın 5	Beam 1						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	25	0	20	5	0	Feet
515	Steel P	rotective Coating	105	35	0	0	70	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS 100 % IN BOTTOI WIDE X 4 FOOT LONG, 5/16 IN RE PRIORITY MAINTENANCE ISSUEI	EMAINING WEB 3 IN		3	4	2	Feet
107	Corrosion	SECTION LOSS IN BOTTOM FLAN % 3/4 IN WIDE X 2 IN LONG PR ISSUED			3	1	1	Feet
107	Corrosion	SURFACE RUST			2	20		Feet
515	Effectiveness (Steel Protective Coatings)	FAILING COATING			4	70	70) Square Feet

Spa	n 5	Beam 2						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	25	0	21	4	0 F	eet
515	Steel	Protective Coating	105	55	0	0	50 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	SECTION LOSS ABUTMENT 2 WEE DIAMETER , 100 % SECTION LOSS WIDE X 3 IN LONG PRIORITY MA	BOTTOM FLANG		3	1	1	Feet
107 107	Corrosion	DIAMETER, 100 % SECTION LOSS	B BOTTOM FLANG INTENANCE ISSU AT BENT 4 - 1/8 II N REMAINING WE	ED N	3	3	3	Feet
-		DIAMETER , 100 % SECTION LOSS WIDE X 3 IN LONG PRIORITY MA SECTION LOSS BOTTOM FLANGE REMAINING 3 FOOT LONG , 5/16 II	B BOTTOM FLANG INTENANCE ISSU AT BENT 4 - 1/8 II N REMAINING WE	ED N		1 3 21	3	

General Comments

Spa	n 5	Beam 9						
Plat	e Girder							
	nent nber Steel Օր	Element Name pen Girder/Beam	Total Qty 25	CS1 Qty 0	CS2 Qty 23	CS3 Qty 2	CS4 Qty 0 F	- eet
515	Steel Pr	otective Coating	105	55	0	0	50 8	Square Feet
Elemen Numbe	Dofoct Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
107	Corrosion	1 IN HOLE 4 IN HIGH END WEB B LOSS BOTTOM FLANGE 1 IN WID PRIORITY MAINTENANCE ISSUEI	E X 18 IN LONG	TION	3	2	2	Feet
107	Corrosion	SURFACE RUST			2	23		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILING			4	50	50	Square Feet
-	General Comments							

Spa	an 5	Beam 10						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	25	0	23	2	0 F	eet
515	Steel Pro	otective Coating	105	55	0	0	50 \$	Square Feet
Elemei Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	100 % SECTION LOSS BOTTOM WIDE X 18 IN LONG, 5/16 IN RE			3	2	2	Feet
107	Corrosion	SURFACE RUST			2	23		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILING			4	50	50	Square Feet
	General Comments							

Spa	n 5	Wearing Sur	face				
Asp	halt Wearing Sur	face					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearin	g Surface	600	576	24	0	0 Square Feet
Elemen Numbe	Dofoot Typo	Defect Descrip	ption		cs	CS Qty	Maint Qty
510	Crack (Wearing Surface)	TRANSVERSE CRACKING END BE	NT 2		2	24	24 Square Feet

Spa	an 5	Near Bear	ing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS	3	2	1		Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spa Oth	n 5 er Bearing	Near Beari	ng					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	NCH SECTION LOS	S	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
-	General Comments							

Spa	an 5	Near Bear	ing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST TO UP TO 1/16	INCH SECTION LOSS		2	1		Each
515	Effectiveness (Steel Protective Coatings)	FAILED COATING			4	1		1 Square Feet
	General Comments							

Spai	n 5		Near Bearing						
Othe	er Bearing								
Elem Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings		1	0	1	0	0	Each
515	Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Element Number	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST				2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1		1 Square Feet

General Comments

End	l Bent 1	Abutment						
Rei	nforced Concrete	Abutment						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfo	rced Concrete Abutment	47	21	26	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
215	Abrasion/Wear (PSC/RC)	ABRASION			2	20	Feet	
215	Cracking (RC and Other)	VERTICAL AND MAP CRACKING			2	6	Feet	
	General Comments							

Reir	forced Concrete	Pier Cap						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	28	13	12	3	0 F	eet
lemen lumbei	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
234	Delamination/Spall	10" X 20" LONG SPALL IN FACE SPAN 1 SIDE	OF CAP UNDER BE	AM 2	3	2	2	Feet
234	Delamination/Spall	8 INCH DIAMETER SPALL SPAN	2 SIDE BAY 2		3	1	1	Feet
234	Delamination/Spall	CRACKING AND DELAMINATION	NS IN SPAN 1 SIDE		2	12	12	Feet

Ben	t 1	Pile 2						
Rein	forced Concrete	Column						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	1	0	0	Each
lement	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10, DEEP FROM CAP TO MUDLINE.		1/2"	2	1		Each
(General Comments							

Ber	nt 1	Pile 3						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	rced Concrete Column	1	0	1	0	0 Each	
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/2 DEEP FROM CAP TO MUDLINE.	25/17: SCALING TO	1/2"	2	1	Each	

General Comments

NOT VISIBLE

Ber	nt 1	Pile 4						
Pre	stressed Concret	e Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0 Each	
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/2 DEEP FROM CAP TO MUDLINE.	25/17: SCALING TO	1/4"	2	1	Each	
	General Comments							
	NOT VICIDIE							

NOT VISIBLE

Bent	1	Pile 1						
Prest	ressed Concret	e Pile						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
	Abrasion/Wear PSC/RC)	UNDERWATER INSPECTION 10 DEEP FROM CAP TO MUDLINE		1/4"	2	1		Each

End	l Bent 2	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber Reinfor	Element Name rced Concrete Abutment	Total Qty 47	CS1 Qty 21	CS2 Qty 26	CS3 Qty 0	CS4 Qty 0 Feet	
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Abrasion/Wear (PSC/RC)	ABRASION			2	24	Feet	
215	Cracking (RC and	CRACKING IN FACE OF CAP UN	DER BEAM 9		2	2	Feet	
	Other)							

Ber	nt 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber Reinford	Element Name ced Concrete Pier Cap	Total Qty 28	CS1 Qty 20	CS2 Qty 4	CS3 Qty 4	CS4 Qty 0 Feet	
Elemei Numbe	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Delamination/Spall	4' LONG X 7" HIGH X 6" DEEP SPAL OF CAP AT INTERIOR BENT 2 SPAN AND 2.			3	4	4 Fee	t
234	Cracking (RC and Other)	VERTICAL CRACKING FACE OF CA	P SPAN 3 SIDE		2	2	Fee	t
234	Efflorescence/Rust Staining	EFFLO LEAKAGE ALONG HAIRLINE 9	DIAGONAL CRA	CK BAY	2	2	Fee	t
	General Comments							

Ber	nt 2	Pile 1						
Pre	stressed Concret	e Pile						
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10. DEEP FROM CAP TO MUDLINE.	/25/17: SCALING TO	1/4"	2	1		Each
	General Comments							

NOT VISIBLE

Ber	nt 2	Pile 4						
Pre	stressed Concret	e Pile						
	ment mber Prestre	Element Name ssed Concrete Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/ DEEP FROM CAP TO MUDLINE.	'25/17: SCALING TO	1/4"	2	1		Each
	General Comments							

Bent 2 Pile 2 **Reinforced Concrete Column** CS4 CS2 Element Total CS1 CS3 Number **Element Name** Qty Qty Qty Qty Qty 205 Reinforced Concrete Column 0 Each 0

Elemen Numbe	Defeat Tree	Defect Description	cs	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/25/17: SCALING TO 1/2" DEEP FROM CAP TO MUDLINE.	2	1		Each
205	Scour	COLUMN HAS EXPOSED FOUNDATION, NO HORIZONTAL PROBE.	2			Each

General Comments

NOT VISIBLE

2	Pile 3						
forced Concrete	Column						
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Column	1	0	1	0	0 E	Each
Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/2 DEEP FROM CAP TO MUDLINE.	25/17: SCALING TO	1/2"	2	1		Each
Scour	COLUMN HAS EXPOSED FOUND PROBE.	DATION, NO HORIZO	ONTAL	2			Each
	forced Concrete ent ber Reinfor Defect Type Abrasion/Wear (PSC/RC)	forced Concrete Column ent ber Element Name Reinforced Concrete Column Defect Type Defect Desc Abrasion/Wear (PSC/RC) UNDERWATER INSPECTION 10/ DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS EXPOSED FOUND	forced Concrete Column ent Element Name Qty Reinforced Concrete Column 1 Defect Type Defect Description Abrasion/Wear (PSC/RC) UNDERWATER INSPECTION 10/25/17: SCALING TO DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS EXPOSED FOUNDATION, NO HORIZO	forced Concrete Column ent Element Name Qty Qty Reinforced Concrete Column 1 0 Defect Type Defect Description Abrasion/Wear (PSC/RC) UNDERWATER INSPECTION 10/25/17: SCALING TO 1/2" DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS EXPOSED FOUNDATION, NO HORIZONTAL	forced Concrete Column ent Element Name Qty Qty Qty Reinforced Concrete Column 1 0 1 Defect Type Defect Description CS Abrasion/Wear (PSC/RC) UNDERWATER INSPECTION 10/25/17: SCALING TO 1/2" 2 DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS EXPOSED FOUNDATION, NO HORIZONTAL 2	Forced Concrete Column ent Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Column 1 0 1 0 Defect Type Defect Description CS CS Qty Abrasion/Wear (PSC/RC) DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS EXPOSED FOUNDATION, NO HORIZONTAL 2	forced Concrete Column ent Element Name Qty

General Comments

							•	
Ber	nt 3	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	28	20	8	0	0 F	eet
Elemer Numbe	Dofoct Typo	Defect Descri	otion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	CRACKING SPAN 3 SIDE BAY 1			2	2		Feet
234	Efflorescence/Rust Staining	EFFLO LEAKAGE FACE OF CAP RI SIDE	GHT OF BEAM 10	SPAN 2	2	2		Feet
234	Exposed Rebar	SURFACE SPALLING WITH EXPOSE FACE OF CAP	SED REBAR SPAN	N 4 SIDE	2	4	4	Feet
	General Comments							

Ben	t 3	Pile 1						
Pres	stressed Concret	e Pile						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
lement umber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10 DEEP FROM CAP TO MUDLINE.		1/4"	2	1		Each
(General Comments							

NOT VISIBLE

nt 3	Pile 2						
nforced Concrete	Column						
ment mber Reinfor	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
nt Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10/ DEEP FROM CAP TO MUDLINE.	25/17: SCALING TO	1/2"	2	1		Each
Scour	COLUMN HAS PARTIALLY EXPO	SED FOUNDATION	, NO	2			Each
	ment mber Reinford The Defect Type Abrasion/Wear (PSC/RC)	ment Blement Name Reinforced Concrete Column Tot Defect Type Defect Description (PSC/RC) DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS PARTIALLY EXPO	ment Element Name Qty Reinforced Concrete Column 1 Total Ott Defect Type Defect Description Abrasion/Wear (PSC/RC) DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS PARTIALLY EXPOSED FOUNDATION	ment Element Name Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty Reinforced Concrete Column 1 0 Total CS1 Qty Qty	ment Element Name Qty Qty Qty Reinforced Concrete Column 1 0 1 to Defect Type Defect Description CS Abrasion/Wear (PSC/RC) DEEP FROM CAP TO MUDLINE. Scour COLUMN HAS PARTIALLY EXPOSED FOUNDATION, NO 2	ment Element Name Qty	ment Element Name Qty

General Comments

PREVIOUSLY NOTED SPALL IS ON CAP AND ABOVE THE HIGH WATERMARK.

Ben	t 3	Pile 3					
Rein	nforced Concrete	Column					
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	1	0	0 Each
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION 10, DEEP FROM CAP TO MUDLINE.		1/2"	2	1	Each
				1/2		_	

ructure N	lumber: 320004						In:	spection Date: 02/07	//2019
Bent			Pile 4					<u> </u>	
Rein	forced Concrete	e Pile							
Elem				Total	CS1	CS2	CS3	CS4	
Num		Element Name		Qty	Qty	Qty	Qty	Qty	
227	Reinto	rced Concrete Pile		1	0	1	0	0 Each	
Element Number	Defeat Tree		Defect Description			cs	CS Qty	Maint Qty	
	Abrasion/Wear	UNDERWATER INS	SPECTION 10/25/17: S		1/4"	2	1	Each	
_	(PSC/RC) General Comments	DEEP FROM CAP 1	O MUDLINE.						_
	NOT VISIBLE								
Dant			0 4						
Bent			Cap 1						
Rein	forced Concrete	e Pier Cap							
Elem Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234		rced Concrete Pier Cap		28	23	Qty 5	Qty 0	0 Feet	
Element		·						Maint	
Number	Defeat Type		Defect Description			CS	CS Qty	Qty	
234	Delamination/Spall	SURFACE SPALLIN	IG 1/2 INCH DEEP SF	PAN 4 SIDE		2	5	5 Feet	_
G	General Comments								
Bent	t 4		Pile 1						
Pres	tressed Concre	te Pile							
Elem		- 1		Total	CS1	CS2	CS3	CS4	
Num 226		Element Name essed Concrete Pile		Qty 1	Qty 0	Qty 1	Qty 0	Qty 0 Each	
Element Number	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
-	Abrasion/Wear	-	SPECTION 10/25/17: S	SCALING TO	1/4"	2	1	Each	
_	(PSC/RC) General Comments	DEEP FROM CAP 1	O MUDLINE.						_
	NOT VISIBLE								
Bent	+ 1 .		Pile 2						
			2						
	forced Concrete	Coluinn							
Elem Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205		rced Concrete Column		1	0	4 (y	0	0 Each	
Element	•							Maint	
Number	Defeat Tune		Defect Description			cs	CS Qty	Qty	
	Abrasion/Wear (PSC/RC)	UNDERWATER INS	SPECTION 10/25/17: S TO MUDLINE.	SCALING TO	1/2"	2	1	Each	
_	General Comments								_
	NOT VISIBLE								
Bent	t 4		Pile 3						
	forced Concrete								
Elem				Total	CS1	CS2	CS3	CS4	
Num 205		Element Name rced Concrete Column		Qty 1	Qty 0	Qty 1	Qty 0	Qty 0 Each	
	170000								

0

1

Defect Description

1

CS

0

CS Qty

0 Each

Maint Qty

Reinforced Concrete Column

205

Element Number

Defect Type

2

Each

Abrasion/Wear UNDERWATER INSPECTION 10/25/17: SCALING TO 1/2"

DEEP FROM CAP TO MUDLINE. (PSC/RC)

General Comments NOT VISIBLE

205

Pile 4 Bent 4

Prestressed Concrete Pile

Element Total CS1 CS2 CS3 CS4 Number Qty **Element Name** Qty Qty Qty Qty 226 Prestressed Concrete Pile 0 Each 0

Element Maint cs **Defect Description** CS Qty **Defect Type** Number Qty UNDERWATER INSPECTION 10/25/17: SCALING TO 1/4" 226 Abrasion/Wear 2 1 Each (PSC/RC) DEEP FROM CAP TO MUDLINE.

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	684
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	25
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	25
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	600
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	684
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	25
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	25
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	600
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	684
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	25

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	25
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	25
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	600
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	684
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	25
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	25
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	600
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	684
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	25
Span 5 Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	25
Span 5 Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	25
Span 5 Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	25
Span o	Douin +	. idio Girdoi	Stool Open Sildel/Bealti	20

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Beam 6	Plate Girder	Steel Open Girder/Beam	25
Span 5	Beam 7	Plate Girder	Steel Open Girder/Beam	25
Span 5	Beam 8	Plate Girder	Steel Open Girder/Beam	25
Span 5	Beam 9	Plate Girder	Steel Open Girder/Beam	25
Span 5	Beam 10	Plate Girder	Steel Open Girder/Beam	25
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	25
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	600
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	47
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	47
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	28

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 320004 Inspection Date: 02/07/2019

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	6
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

Note: If NBI Inspection Item is not present, code NBI item with "N"

NC SMU Inspection Items

ltem	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	3000	3376
Drainage System	G, F, P, or C	Р	40	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		G		
Drift	G, F, P, or C	F	40	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years			
Superstructure Paint Code				

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	8
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	Υ
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 320004 Inspection Date: 02/07/2019

Item	Priority Maintenance Issued	Grade	Υ	Maint Code	Qty.	0
Details	BEAMS					
Item	Presently Posted	Grade	Υ	Maint Code	Qty.	0
Details	S SV 15 TTST 20					
Item	Deck Debris	Grade	F	Maint Code 3376	Qty.	3000
Details	DIRT AND DEBRIS ALONG GUARDRAIL					
Item	Drainage System	Grade	Р	Maint Code 3332	Qty.	40
Details	ALL OF THE DECK DRAINS ARE CLOGGED					
Item	Drift	Grade	F	Maint Code 3366	Qty.	40
Details	75 ' TREE ACROSS WATER AT LEFT SIDE FROM ABL	JTMENT	1 TO BEN	Γ3		
Item	Field Scour Evaluation	Grade	G	Maint Code	Qty.	0

Details SCOUR CRITICAL

SPECIAL MONITORING UNDERWATER

Structure: 320004 County: EDGECOMBE Date: 02/07/2019 Condition Photos



DEBRIS ALONG GUARDRAIL



Span 1 Wearing Surface: TRANSVERSE CRACKING OVER BENT 1 END BENT 1 SIMILAR



DRIFT LEFT SIDE



Span 1 Beam 1: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 - 1/4 IN REMAINING 2 IN LONG PRIORITY MAINTENANCE ISSUED



Span 1 Beam 2: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 2 IN LONG 1/4 IN REMAINING PRIORITY MAINTENANCE ISSUED



Span 1 Beam 1: SECTION LOSS BENT 1 BOTTOM FLANGE 1/8 IN REMAINING 4 FOOT LONG, WEB 5/16 IN REMAINING 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 1 Beam 2: SECTION LOSS WEB BENT 1 HOLE 4 IN HIGH X 8 IN LONG IN END, BOTTOM FLANGE 100 % SECTION LOSS 3/4 IN WIDE X 16 IN LONG PRIORITY MAINTENANCE ISSUED



Bent 1 Cap 1: 10" X 20" LONG SPALL IN FACE OF CAP UNDER BEAM 2 SPAN 1 SIDE



Span 1 Beam 10: SECTION LOSS BOTTOM FLANGE BENT 1 100 % 1 IN WIDE 16 IN LONG PRIORITY MAINTENANCE ISSUED



Span 1 Beam 9: SECTION LOSS WEB BENT 1 - HOLE 2 IN HIGH X 8 IN LONG , BOTTOM FLANGE 100 % SECTION LOSS 1 N WIDE X 1 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 2 Beam 1: SECTION LOSS BOTTOM FLANGE AT BENT 2 -100 % 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 2 Beam 2: SECTION LOSS WEB BENT 2 - HOLE 2 IN X 8 IN LONG BOTTOM FLANGE 100 % SECTION LOSS 1 IN WIDE X 16 IN LONG PRIORITY MAINTENANCE ISSUED



Span 2 Beam 2: SECTION LOSS BENT 1 WEB - HOLE 6 IN WIDE X 6 IN HIGH REST OF AREA 1/16 IN REMAINING, SECTION LOSS BEAM 1/8 IN REMAINING 1 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 2 Beam 1: SECTION LOSS EDGE BOTTOM FLANGE BENT 1 KNIFE EDGE 1/16 IN REMAINING, 5/16 IN REMAINING WEB 5 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 2 Beam 8: CRACKING WITH EFFLO



Span 2 Deck: EFFLO LEAKAGE IN BOTTOM OF DECK BAY 5



Span 2 Beam 9: SECTION LOSS BEAM BENT 2 - 2" DIAMETER HOLE 100 % 1 IN WIDE X 3 FOOT LONG , WEB 5/16 IN REMAINING 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 2 Beam 10: SECTION LOSS BOTTOM FLANGE BENT 2 -1/8 IN REMAINING 4 FOOT LONG, WEB 5/16 IN REMAINING 3 IN HIGH X 4 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 2 Beam 9: SECTION LOSS BOTTOM FLANGE AT BENT 1 -100 % 1 IN WIDE X 4 FOOT LONG , WEB 5/16 IN REMAINING 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 2 Beam 10: SECTION LOSS 1/8 IN REMAINING 2 FOOT LONG BOTTOM FLANGE BENT 1 PRIORITY MAINTENANCE ISSUED



Span 3 Beam 1: SECTION LOSS EDGE BENT 2 BOTTOM FLANGE 100 % -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 3 Beam 2: SECTION LOSS BENT 2 BOTTOM FLANGE 1/8 IN REMAINING 2 FOOT PROMINED PR



Span 3 Beam 1: SECTION LOSS 100 % BENT 3 BOTTOM FLANGE 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 3 Beam 2: SECTION LOSS WEB BENT 3 - HOLE 4 IN X 12 IN , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 12 IN LONG PRIORITY MAINTENANCE ISSUED



Span 3 Beam 9: SECTION LOSS BENT 2 WEB - HOLE 3 IN X 5 IN , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 3 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 3 Beam 10: SECTION LOSS EDGE BOTTOM FLANGE BENT 2 100 % 1/2 IN WIDE X 4 FOOT LONG , 5/16 IN REMAINING WEB 5 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 3 Beam 9: SECTION LOSS BENT 3 WEB - HOLE 3 IN X 10 IN HIGH , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 16 IN LONG PRIORITY MAINTENANCE ISSUED



Span 3 Beam 10: SECTION LOSS 100 % 1 IN WIDE X 18 IN LONG AT BENT 3 BOTTOM FLANGE, 1/4 IN REMAINING WEB 4 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 4 Beam 1: SECTION LOSS BENT 3 BOTTOM FLANGE 100 % 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 4 Beam 2: SECTION LOSS BENT 3 BOTTOM FLANGE 1.5" DIAMETER HOLE IN WEB 100 % 1 IN WIDE X 18 IN LONG , 5/16 IN REMAINING WEB 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 4 Beam 1: SECTION LOSS BENT 4 BOTTOM FLANGE 100 % 1/2 IN WIDE X 18 IN LONG PRIORITY MAINTENANCE ISSUED



Span 4 Beam 2: 100 % SECTION LOSS EDGE BOTTOM FLANGE BENT 4 - 1 IN WIDE X 3 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 4 Beam 9: SECTION LOSS 100 % BOTTOM FLANGE BENT 3 -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 4 Beam 10: 100 % SECTION LOSS BENT 3 BOTTOM FLANGE 1.5 IN WIDE X 3 FOOT LONG 5/16 IN REMAINING WEB 2 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 4 Beam 9: SECTION LOSS WEB BENT 4 - HOLE 3 IN DIAMETER , SECTION LOSS 100 % BOTTOM FLANGE 1 1/2 IN WIDE X 2 FOOT LONG PRIORITY MAINTENANCE ISSUED



Span 4 Beam 10: SECTION LOSS 100 % IN BOTTOM FLANGE BENT 4 1 IN WIDE X 16 IN LONG , 5/16 IN REMAINING WEB 4 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 5 Beam 1: SECTION LOSS 100 % IN BOTTOM FLANGE BENT 4 - 1/2 IN WIDE X 4 FOOT LONG, 5/16 IN REMAINING WEB 3 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 5 Beam 2: SECTION LOSS BOTTOM FLANGE AT BENT 4 - 1/8 IN REMAINING 3 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH PRIORITY MAINTENANCE ISSUED



Span 5 Beam 2: SECTION LOSS ABUTMENT 2 WEB - HOLE 1.5 IN DIAMETER , 100 % SECTION LOSS BOTTOM FLANGE 1/2 IN WIDE X 3 IN LONG PRIORITY MAINTENANCE ISSUED



Span 5 Beam 1: SECTION LOSS IN BOTTOM FLANGE AT ABUTMENT 2 - 100 % 3/4 IN WIDE X 2 IN LONG PRIORITY MAINTENANCE ISSUED



Span 5 Deck: SURFACE SPALLS WITH EXPOSED STEEL UNDER BAY 3



End Bent 2 Abutment/Backwall: ABRASION



Span 5 Beam 9: 1 IN HOLE 4 IN HIGH END WEB BENT 4 , 100 % SECTION LOSS BOTTOM FLANGE 1 IN WIDE X 18 IN LONG PRIORITY MAINTENANCE ISSUED



Span 5 Beam 10: 100 % SECTION LOSS BOTTOM FLANGE BENT 4 - 1.5 IN WIDE X 18 IN LONG , 5/16 IN REMAINING 2 IN HIGH WEB



End Bent 2 Abutment/Backwall : CRACKING IN FACE OF CAP UNDER BEAM 9



POSTING



GUARDRAIL TERMINAL



ASPHALT WEARING SURFACE



GUARDRAIL ATTACHMENT



LOOKING EAST DOWNSTREAM



LOOKING WEST UPSTREAM



WEST PROFILE



LOOKING SOUTH



LOOKING NORTH



END BENT 1



SUPERSTRUCTURE SPAN 1



BENT 2



ABUTMENT 2



SUPERSTRUCTURE SPAN 5

Stream Bed Soundings (Profile diagram on following sheet)

County **EDGECOMBE** Structure Number: 320004 Inspection Date 02/06/2019

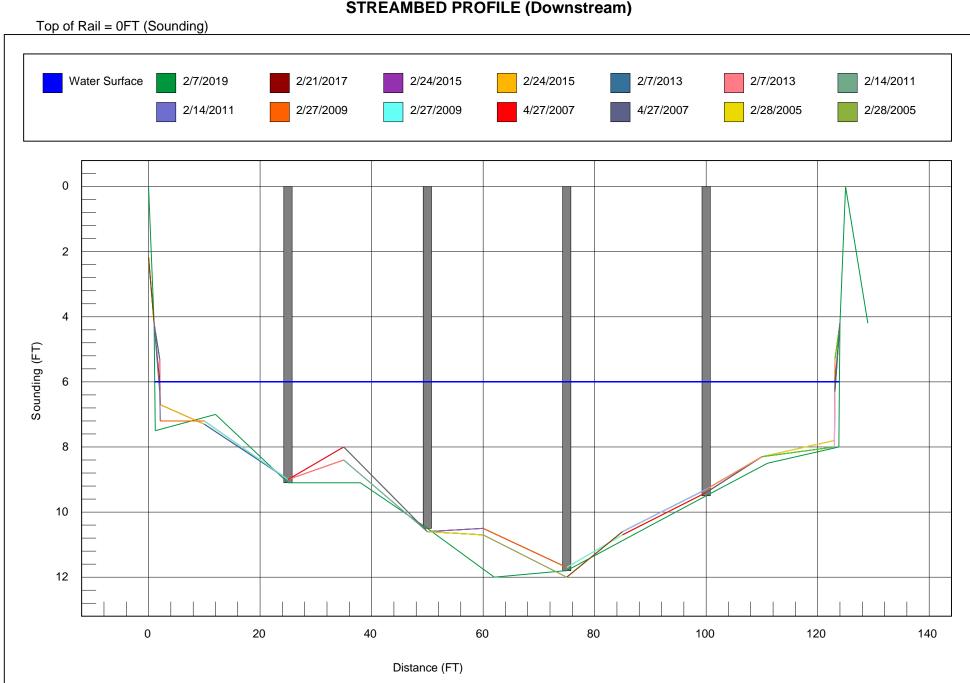
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	0.000	0.000	TOP OF RAIL
1.000	4.200	0.000	TOP OF CAP
1.100	6.000	0.000	WSWE
1.200	7.500	8.000	GROUND AT CAP
12.000	7.000	0.000	
25.000	9.100	11.000	BENT 1
38.000	9.100	0.000	
50.000	10.500	11.200	BENT 2
62.000	12.000	0.000	
75.000	11.800	11.000	BENT 3
88.000	10.600	0.000	
100.000	9.500	7.000	BENT 4
111.000	8.500	0.000	
123.800	8.000	8.000	GROUND AT CAP
123.900	6.000	0.000	WSWE
124.000	4.200	0.000	TOP OF CAP
125.000	0.000	0.000	TOP OF RAIL
129.000	4.200	0.000	GROUND AT CAP

Bridge: 320004 County: EDGECOMBE Date: 02/07/2019

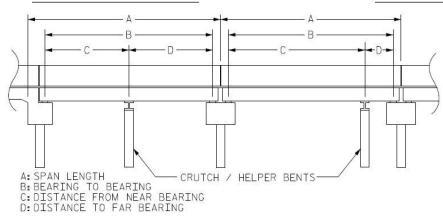
STREAMBED PROFILE (Downstream)



Structure Data Worksheet

Span Profile

County: **EDGECOMBE** Structure Number: 320004



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	25.000	24.000			
2	25.000	24.000			
3	25.000	24.000			
4	25.000	24.000			
5	25.000	24.000			

NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 07/23/2019

IDENTIFICATION —			
(1) STATE NAME -NORTH CAROLINA BRIDGE	320004	SUFFICIENCY RATING =	33.41
(8) STRUCTURE NUMBER(FEDERAL) 000	0000000650004	STATUS = Structurally Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON	31014040		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	1		CODE
(3) COUNTY CODE 65 (4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED - SWIFT CREEK		(104)HIGHWAY SYSTEM Is not on NHS	0
(7) FACILITY CARRIED SR1404		(26) FUNCTIONAL CLASS - Minor Collector	08
(9) LOCATION 0.5 MI. N. JCT. SR1411		(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
(11)MILEPOINT	0	(101)PARALLEL STRUCTURE - No Parallel Structure	N
(16)LAT 36° 3' 28.53" (17)LONG 77° 40' 5	7.63"	(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(98)BORDER BRIDGE STATE CODE PCT SHA	ARE	(103)TEMPORARY STRUCTURE -	
(99)BORDER BRIDGE STRUCTURE NO		(110)DESIGNATED NATIONAL NETWORK - Not on the National Network	0
		(20) TOLL On Free Road	3
STRUCTURE TYPE AND MATERIAL —		(31) MAINTAIN - State Highway Agency	01
(43) STRUCTURE TYPE MAIN: Steel		(22) OWNER - State Highway Agency	01
TYPE - Stringer Mutlibeam or Girder	CODE 302	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
(44) STRUCTURE TYPE APPR :			
TYPE -	CODE 000	CONDITION	CODE
(45) NUMBER OF SPANS IN MAIN UNIT	5	(58) DECK	5
(46) NUMBER OF APPROACH SPANS		(59) SUPERSTRUCTURE	4
(107)DECK STRUCTURE TYPE - 1	CODE	(60) SUBSTRUCTURE	5
(108)WEARING SURFACE / PROTECTIVE SYSTEM:		(61) CHANNEL & CHANNEL PROTECTION	6
(A) TYPE OF WEARING SURFACE - Bituminous	CODE 6	(62) CULVERTS	N
(B) TYPE OF MEMBRANE - None	CODE 0	LOAD RATING AND POSTING	CODE
(C) TYPE OF DECK PROTECTION - None	CODE 0	(31) DESIGN LOAD Unknown	0
		(63) OPERATING RATING METHOD - Load Factor	1
AGE AND SERVICE		(64) OPERATING RATING - HS-15	27
(27) YEAR BUILT	1964	(65) INVENTORY RATING METHOD - Load Factor	1
(106)YEAR RECONSTRUCTED		(66) INVENTORY RATING - HS-9	16
(42) TYPE OF SERVICE : ON - Highway		(70) BRIDGE POSTING - Posting Required	0
UNDER - Waterway	CODE 15	(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE	0	DESCRIPTION - Posted for Load	
(29) AVERAGE DAILY TRAFFIC	550		CODE
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT	6%	(67) STRUCTURAL EVALUATION	4
(19) BYPASS OR DETOUR LENGTH	10 MI	(68) DECK GEOMETRY	4
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERTI & HORIZ	N
(48) LENGTH OF MAXIMUM SPAN	24 FT	(71) WATERWAY ADEQUACY	7
(49) STRUCTURE LENGTH	125 FT	(72) APPROACH ROADWAY ALIGNMENT	8
(50)CURB OR SIDEWALK: LEFT .75 FT RIGHT	.75 FT	(36) TRAFFIC SAFETY FEATURES	0000
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	24 FT	(113)SCOUR CRITICAL BRIDGES	3
(52) DECK WIDTH OUT TO OUT	27.333 FT	PROPOSED IMPROVEMENTS	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	19 FT	(75) TYPE OF WORK - CODE	
(33) BRIDGE MEDIAN - No Median	CODE 0	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(34) SKEW 0° (35) STRUCTURE FLARED	0	(94) BRIDGE IMPROVEMENT COST	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT	(95) ROADWAY IMPROVEMENT COST	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	24 FT	(96) TOTAL PROJECT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	0 FT	(114)FUTURE ADT 1100 (115) YEAR FUTURE ADT	2025
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	000 FT	(110) TEART OTORE ADT	2020
(56) MIN LAT UNDERCLEAR LT REF -	000 FT		
		(90) INSPECTION DATE	2/07/2019
————NAVIGATION DATA ————		(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE	
(38) NAVIGATION CONTROL - No Navigational Control	CODE 0	A) FRACTURE CRIT DETAIL - NO A)	
(111)PIER PROTECTION -	CODE	B) UNDERWATER INSP - YES 24Mo B) 10	/25/2017
(39) NAVIGATION VERTICAL CLEARANCE	0	C) OTHER SPECIAL INSP NO C)	
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT	SCOUR	
(40) NAVIGATION HORIZONTAL CLEARANCE	0 FT		

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 07/23/2019

COUNTY: DIVISION: DISTRICT: STRUCTURE NUMBER: LENGTH:

EDGECOMBE 4 1 320004 125 FEET

ROUTE CARRIED : FEATURE INTERSECTED :

SR1404 SWIFT CREEK

LOCATED : BRIDGE NAME :

0.5 MI. N. JCT. SR1411 CITY:

FUNC. CLASS: SYST.ON: SYST.UNDER: ADT & YR: RAIL TYPE:

08 NFA NFA 550 2015 LT 241 RT 241

BUILT: BY: PROJ: FED.AID PROJ: DESIGN LOAD:

1964 BMU Unknown

REHAB: BY: PROJ: ALIGNMENT: SKEW: LANES:

NAVIGATION: HT. CRN. TO BED: WATER DEPTH:

VC 0 FT HC 0 FT 10 FT 6 FT

TAN

90

2

UNDER

0

ON

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS & ENCASED I-BEAMS

SUBSTRUCTURE: ABUTS:RC FULL HEIGHT;INT.BTS:RC SOLID PIERS

SPANS: 5@25'

BEAMS OR GIRDERS: 6 LINES OF 16 'I-BMS.ENC.IN CONC;4 LNS OF 15' I-BEAMS

FLOOR: ENCROACHMENT: DECK (OUT TO OUT):

6" RC, 3.5" AWS 27.333 FT

CLEAR ROADWAY : BETWEEN RAILS : SIDEWALK OR CURB :

24 FT 25.5 FT LT .75 FT RT .75 FT

VERT.CL.OVER:

999.9 FT

INV.RTG.: OPE.RTG.: CONTR.MEMBER: POSTED:

HS-9 HS-15 Bm3(Rated SV 15 TTST 20 DATE 06/25/2018

Ext)

SYSTEM: GREEN LINE ROUTE:

Secondary S.R. Route N

UNDER ROUTES AND CLEARANCES

REMARKS:

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 320004 County EDGECOMBE Date: 02/07/2019

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	4	Span 1 Beam 1: SECTION LOSS BENT 1 BOTTOM FLANGE 1/8 IN REMAINING 4 FOOT LONG, WEB 5/16 IN REMAINING 3 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 2: SECTION LOSS WEB BENT 1 - HOLE 4 IN HIGH X 8 IN LONG IN END, BOTTOM FLANGE 100 % SECTION LOSS 3/4 IN WIDE X 16 IN LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 9: SECTION LOSS WEB BENT 1 - HOLE 2 IN HIGH X 8 IN LONG , BOTTOM FLANGE 100 % SECTION LOSS 1 IN WIDE X 1 FOOT LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 1: SECTION LOSS EDGE BOTTOM FLANGE BENT 1 KNIFE EDGE 1/16 IN REMAINING, 5/16 IN REMAINING WEB 5 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 9: SECTION LOSS BEAM BENT 2 - 2" DIAMETER HOLE 100 % 1 IN WIDE X 3 FOOT LONG , WEB 5/16 IN REMAINING 3 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 9: SECTION LOSS BOTTOM FLANGE AT BENT 1 -100 % 1 IN WIDE X 4 FOOT LONG, WEB 5/16 IN REMAINING 3 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 10: SECTION LOSS BOTTOM FLANGE BENT 2 -1/8 IN REMAINING 4 FOOT LONG, WEB 5/16 IN REMAINING 3 IN HIGH X 4 FOOT LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 10: SECTION LOSS 1/8 IN REMAINING 2 FOOT LONG BOTTOM FLANGE BENT 1	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 1: SECTION LOSS EDGE BENT 2 BOTTOM FLANGE 100 % -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 1: SECTION LOSS 100 % BENT 3 BOTTOM FLANGE 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 2: SECTION LOSS WEB BENT 3 - HOLE 4 IN X 12 IN , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 12 IN LONG	



BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 320004 County EDGECOMBE Date: 02/07/2019

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 9: SECTION LOSS BENT 2 WEB - HOLE 3 IN X 5 IN , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 3 FOOT LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 9: SECTION LOSS BENT 3 WEB - HOLE 3 IN X 10 IN HIGH , SECTION LOSS BOTTOM FLANGE 100 % 1 IN WIDE X 16 IN LONG	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 10: SECTION LOSS EDGE BOTTOM FLANGE BENT 2 -100 % 1/2 IN WIDE X 4 FOOT LONG , 5/16 IN REMAINING WEB 5 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 10: SECTION LOSS 100 % 1 IN WIDE X 18 IN LONG AT BENT 3 BOTTOM FLANGE, 1/4 IN REMAINING WEB 4 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 1: SECTION LOSS BENT 3 BOTTOM FLANGE 100 % 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 2: SECTION LOSS BENT 3 BOTTOM FLANGE 1.5" DIAMETER HOLE IN WEB 100 % 1 IN WIDE X 18 IN LONG , 5/16 IN REMAINING WEB 3 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	3	Span 4 Beam 2: 100 % SECTION LOSS EDGE BOTTOM FLANGE BENT 4 - 1 IN WIDE X 3 FOOT LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 9: SECTION LOSS WEB BENT 4 - HOLE 3 IN DIAMETER , SECTION LOSS 100 % BOTTOM FLANGE 1 1/2 IN WIDE X 2 FOOT LONG	
3314	Maintain Steel Superstructure Components	LF	3	Span 4 Beam 10: 100 % SECTION LOSS BENT 3 BOTTOM FLANGE 1.5 IN WIDE X 3 FOOT LONG 5/16 IN REMAINING WEB 2 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 10: SECTION LOSS 100 % IN BOTTOM FLANGE BENT 4 1 IN WIDE X 16 IN LONG , 5/16 IN REMAINING WEB 4 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	4	Span 5 Beam 1: SECTION LOSS 100 % IN BOTTOM FLANGE BENT 4 - 1/2 IN WIDE X 4 FOOT LONG, 5/16 IN REMAINING WEB 3 IN HIGH	



Bridge: 320004 County EDGECOMBE Date: 02/07/2019

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 9: 1 IN HOLE 4 IN HIGH END WEB BENT 4 , 100 % SECTION LOSS BOTTOM FLANGE 1 IN WIDE X 18 IN LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 10: 100 % SECTION LOSS BOTTOM FLANGE BENT 4 - 1.5 IN WIDE X 18 IN LONG, 5/16 IN REMAINING 2 IN HIGH WEB	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 - 1/4 IN REMAINING 2 IN LONG	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 2: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 - 2 IN LONG 1/4 IN REMAINING	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 10: SECTION LOSS BOTTOM FLANGE BENT 1 100 % 1 IN WIDE 16 IN LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 2: SECTION LOSS BENT 2 BOTTOM FLANGE 1/8 IN REMAINING 2 FEET LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 1: SECTION LOSS BENT 4 BOTTOM FLANGE 100 % 1/2 IN WIDE X 18 IN LONG	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 9: SECTION LOSS 100 % BOTTOM FLANGE BENT 3 -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH	
3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 1: SECTION LOSS IN BOTTOM FLANGE AT ABUTMENT 2 - 100 % 3/4 IN WIDE X 2 IN LONG	



Bridge: 320004 County EDGECOMBE

MMS Code	MM	MMS Description			Quantity			
3314	Main	ntain Stee	Superstructure Components		4	LF		
Location:								
			Bent/Span No.					
Priority Leve			Status					
Priority Maintenance		се	Division Bridge Maintenance Noti	fication Received				
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
Span 1 Bear REMAINING			OSS BENT 1 BOTTOM FLANGE	1/8 IN REMAINING 4 FOOT LONG, '	WEB 5/16 IN	I		

MMS Code	MN	MMS Description			Quantity	
3314	Mai	ntain Steel	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maintenance		ce	Division Bridge Maintenance Noti	fication Received		
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 1 Beam 2: SECTION LOSS WEB BENT 1 - HOLE 4 IN HIGH X 8 IN LONG IN END, BOTTOM FLANGE 100 % SECTION LOSS 3/4 IN WIDE X 16 IN LONG						

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Descri	otion		Quantity			
3314	Maintain Stee	Superstructure Components		2	LF		
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Maint	tenance	Division Bridge Maintenance Noti	fication Received				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/07/2019	WILLIS	C MAY					
Details							
		LOSS WEB BENT 1 - HOLE 2 IN H X 1 FOOT LONG	IGH X 8 IN LONG , BOTTOM FLANG	GE 100 %			

MMS Code	MN	MMS Description			Quantity	
3314	Mai	ntain Stee	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maintenance		ice	Division Bridge Maintenance Noti	fication Received		
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 2 Bea REMAINING				ENT 1 KNIFE EDGE 1/16 IN REMAII	NING, 5/16	IN

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Descr	iption		Quantity			
3314	Maintain Ste	intain Steel Superstructure Components			LF		
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Noti	fication Received				
Submitted Da	ate: Submitt	ed By:	Assisted By:				
02/07/2019	WILLIS	S C MAY					
Details							
	n 9: SECTION IAINING 3 IN F		ER HOLE 100 % 1 IN WIDE X 3 FOC)T LONG , V	VEB		

MMS Code	MN	MMS Description			Quantity	
3314	Mai	ntain Stee	Superstructure Components		4	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	ication Received		
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 2 Beam 9: SECTION LOSS BOTTOM FLANGE AT BENT 1 -100 % 1 IN WIDE X 4 FOOT LONG , WEB 5/16 IN REMAINING 3 IN HIGH						

Bridge: 320004 County EDGECOMBE

MMS Code	MMS	S Descrip	otion		Quantity			
3314	Mainta	intain Steel Superstructure Components			4	LF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status					
Priority Maintenance		€	Division Bridge Maintenance Noti	fication Received				
Submitted D	ate: S	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
			LOSS BOTTOM FLANGE BENT 2 FOOT LONG	: -1/8 IN REMAINING 4 FOOT LONG	; , WEB 5/16	3 IN		

MMS Code	MN	MMS Description			Quantity			
3314	Mai	ntain Stee	Superstructure Components		2	LF		
Location:								
			Bent/Span No.					
Priority Leve	Priority Level		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication Received				
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
Span 2 Bea	m 10:	SECTION	LOSS 1/8 IN REMAINING 2 FOOT	LONG BOTTOM FLANGE BENT 1				

Bridge: 320004 County EDGECOMBE

MMS Code	MMS	S Descrip	otion		Quantity			
3314	Mainta	aintain Steel Superstructure Components			2	LF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status					
Priority Main	itenance	9	Division Bridge Maintenance Notif	fication Received				
Submitted D	ate: S	Submitte	d By:	Assisted By:				
02/07/2019	,	WILLIS	C MAY					
Details								
Span 3 Bear REMAINING				ANGE 100 % -1 IN WIDE X 2 FOOT	LONG , 5/1	6 IN		

MMS Code	MN	MMS Description Quantity				
3314	Mai	Maintain Steel Superstructure Components			2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maintenance		ce	Division Bridge Maintenance Noti	fication Received		
Submitted D	Date:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 3 Beam 1: SECTION LOSS 100 % BENT 3 BOTTOM FLANGE 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH						

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Des	cription		Quantity			
3314	Maintain S	eel Superstructure Components	el Superstructure Components				
Location:	Location:						
		Bent/Span No.					
Priority Level		Status					
Priority Main	tenance	Division Bridge Maintenance Not	ification Received				
Submitted Da	ate: Subm	tted By:	Assisted By:				
02/07/2019	WILL	IS C MAY					
Details							
Span 3 Bear IN WIDE X 1		N LOSS WEB BENT 3 - HOLE 4 IN X	(12 IN , SECTION LOSS BOTTOM F	FLANGE 100	% 1		

MMS Code	MN	//S Descrip	otion		Quantity		
3314	Mai	Maintain Steel Superstructure Components			3	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 3 Bea IN WIDE X 3			OSS BENT 2 WEB - HOLE 3 IN X	5 IN , SECTION LOSS BOTTOM FL	ANGE 100	% 1	

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Descri	ption		Quantity			
3314	Maintain Stee	ain Steel Superstructure Components			LF		
Location:	Location:						
	Bent/Span No.						
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Notification Received					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/07/2019	WILLIS	C MAY					
Details							
	n 9: SECTION VIDE X 16 IN L		10 IN HIGH , SECTION LOSS BOT	TOM FLANG	Έ		

MMS Code	MN	//S Descrip	Description Quantity					
3314	Mai	ntain Stee	Superstructure Components	perstructure Components 4				
Location:								
			Bent/Span No.					
Priority Leve	Priority Level		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification Received					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
Span 3 Beam 10: SECTION LOSS EDGE BOTTOM FLANGE BENT 2 -100 % 1/2 IN WIDE X 4 FOOT LONG , 5/16 IN REMAINING WEB 5 IN HIGH								

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Descri	ption		Quantity			
3314	Maintain Stee	ain Steel Superstructure Components			LF		
Location:							
	Bent/Span No.						
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Notification Received					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/07/2019	WILLIS	C MAY					
Details							
Span 3 Beam 10: SECTION LOSS 100 % 1 IN WIDE X 18 IN LONG AT BENT 3 BOTTOM FLANGE, 1/4 IN REMAINING WEB 4 IN HIGH							

MMS Code	MM	MMS Description Qu						
3314	Mair	ntain Stee	Superstructure Components	Superstructure Components 2				
Location:	Location:							
			Bent/Span No.					
Priority Leve	Priority Level		Status					
Priority Main	tenan	се	Division Bridge Maintenance Noti	fication Received				
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
Span 4 Beam 1: SECTION LOSS BENT 3 BOTTOM FLANGE 100 % 1 IN WIDE X 2 FOOT LONG , WEB 5/16 IN REMAINING 4 IN HIGH								

Bridge: 320004 County EDGECOMBE

MMS Code	MMS	S Descrip	otion		Quantity		
3314	Maint	ntain Steel Superstructure Components			2	LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance		е	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
			OSS BENT 3 BOTTOM FLANGE (INING WEB 3 IN HIGH	1.5" DIAMETER HOLE IN WEB 100	% 1 IN WID	ΕX	

MMS Code	MN	MMS Description						
3314	Mai	Maintain Steel Superstructure Components			3	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification Received					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
Span 4 Bea	m 2: 1	00 % SEC	TION LOSS EDGE BOTTOM FLA	NGE BENT 4 - 1 IN WIDE X 3 FOOT	LONG			

Bridge: 320004 County EDGECOMBE

MMS Code	MM	1S Descrip	otion		Quantity		
3314	Mair	ntain Stee	eel Superstructure Components			LF	
Location:	Location:						
			Bent/Span No.				
Priority Level			Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
			OSS WEB BENT 4 - HOLE 3 IN D FOOT LONG	IAMETER , SECTION LOSS 100 %	воттом		

MMS Code	MN	MMS Description					
3314	Mair	ntain Stee	Superstructure Components	uperstructure Components 3			
Location:	Location:						
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Priority Main	tenan	ce	Division Bridge Maintenance Notification Received				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 4 Beam 10: 100 % SECTION LOSS BENT 3 BOTTOM FLANGE 1.5 IN WIDE X 3 FOOT LONG 5/16 IN REMAINING WEB 2 IN HIGH							

Bridge: 320004 County EDGECOMBE

MMS Code	MM	1S Descrip	otion		Quantity			
3314	Mair	ntain Stee	Steel Superstructure Components			LF		
Location:								
	Bent/Span No.							
Priority Level			Status	tatus				
Priority Maintenance		ce	Division Bridge Maintenance Notification Received					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/07/2019		WILLIS	C MAY					
Details								
	Span 4 Beam 10: SECTION LOSS 100 % IN BOTTOM FLANGE BENT 4 1 IN WIDE X 16 IN LONG , 5/16 IN REMAINING WEB 4 IN HIGH							

MMS Code	MN	//S Descrip	S Description				
3314	Mai	ntain Stee	eel Superstructure Components			LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 5 Bea REMAINING				BENT 4 - 1/2 IN WIDE X 4 FOOT L	ONG, 5/16 I	N	

Bridge: 320004 County EDGECOMBE

MMS Code	MMS Desc	ription		Quantity			
3314	Maintain Ste	eel Superstructure Components			LF		
Location:	Location:						
	Bent/Span No.						
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Notification Received					
Submitted D	ate: Submit	ted By:	Assisted By:				
02/07/2019	WILLI	S C MAY					
Details							
Span 5 Bear 18 IN LONG		E 4 IN HIGH END WEB BENT 4 , 10	0 % SECTION LOSS BOTTOM FLA	NGE 1 IN W	IDE X		

MMS Code	MN	MMS Description Quantity				
3314	Mair	Alaintain Steel Superstructure Components 2 LF				
Location:						
			Bent/Span No.			
Priority Leve	l _	_	Status			
Priority Main	tenan	ce	Division Bridge Maintenance Notification Received			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
	Span 5 Beam 10: 100 % SECTION LOSS BOTTOM FLANGE BENT 4 - 1.5 IN WIDE X 18 IN LONG , 5/16 IN REMAINING 2 IN HIGH WEB					

Bridge: 320004 County EDGECOMBE

MMS Code	MM	S Descrip	otion		Quantity		
3314	Main	tain Steel	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	I		Status	us			
Recommend	led		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 1 Bear	Span 1 Beam 1: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 - 1/4 IN REMAINING 2 IN LONG						

MMS Code	MN	MMS Description Quantity				
3314	Mai	laintain Steel Superstructure Components 1 LF				
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Recommend	ded		Routine Maintenance	utine Maintenance		
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 1 Bea	Span 1 Beam 2: SECTION LOSS BOTTOM FLANGE ABUTMENT 1 - 2 IN LONG 1/4 IN REMAINING					

Bridge: 320004 County EDGECOMBE

MMS Code	MN	1S Descrip	otion		Quantity	
3314	Mair	ntain Steel	Superstructure Components		2	LF
Location:	cation:					
	Bent/Span No.					
Priority Leve	ı]		Status			
Recommend	led		Routine Maintenance			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 1 Bear	Span 1 Beam 10: SECTION LOSS BOTTOM FLANGE BENT 1 100 % 1 IN WIDE 16 IN LONG					

MMS Code	MN	MMS Description Quantity					
3314	Mai	ntain Steel Superstructure Components 2 LF					
Location:							
			Bent/Span No.				
Priority Leve	el		Status	tatus			
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 3 Bear	Span 3 Beam 2: SECTION LOSS BENT 2 BOTTOM FLANGE 1/8 IN REMAINING 2 FEET LONG						

Bridge: 320004 County EDGECOMBE

MMS Code	MN	//S Descrip	otion		Quantity		
3314	Maiı	ntain Stee	ain Steel Superstructure Components 2 LF			LF	
Location:							
			Bent/Span No.				
Priority Leve	I		Status				
Recommend	led		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/07/2019		WILLIS	C MAY				
Details							
Span 4 Bear	n 1: S	ECTION L	OSS BENT 4 BOTTOM FLANGE	100 % 1/2 IN WIDE X 18 IN LONG			

MMS Code	MN	MMS Description Quantity				
3314	Mai	Maintain Steel Superstructure Components 2 LF			LF	
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Recommend	ded		Routine Maintenance			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
	Span 4 Beam 9: SECTION LOSS 100 % BOTTOM FLANGE BENT 3 -1 IN WIDE X 2 FOOT LONG , 5/16 IN REMAINING WEB 2 IN HIGH					

Bridge: 320004 County EDGECOMBE

MMS Code	MN	1S Descrip	otion		Quantity	
3314	Mair	aintain Steel Superstructure Components 1 LF				
Location:	Location:					
	Bent/Span No.					
Priority Leve	el		Status			
Recommend	ded		Routine Maintenance			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/07/2019		WILLIS	C MAY			
Details						
Span 5 Bear	m 1: S	ECTION L	OSS IN BOTTOM FLANGE AT AE	BUTMENT 2 - 100 % 3/4 IN WIDE X	2 IN LONG	

Bridge Inspection Field Sketch



TAKEN 5 FT FROM END BENT 1

MODIFIED: 2/7/19 WCM

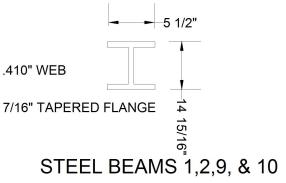
Title		Description			
APPROACH ROADWAY		APPRO	DACH ROADWAY		
Bridge No: 320004	Drawn By: WCM		Date: 01/21/2005	File Name: S0026000438	

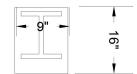
Bridge Inspection Field Sketch

Deck Width/Out to Out	Between Rails				25.5ft	
Clear Roadway	24ft	Wearin	Wearing Surface			
Median Width		Media	n Height			
Curb Height		Left	0.583ft	Right	0.58	3ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	0.75ft	Right	0.75	ift
Top of Rail to Deck/Wearing Surface			2.167ft	Right	2.16	7ft
Bridge Rail			Type 14	Right	Тур	e 14

Measurements for Span #	1		
Deck Thickness	0.5	Left Overhang	1.646
Top of Rail to Bottom of Beam	4.167	Right Overhang	1.646

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	1.667ft	
2	Steel I Beam	1.250ft	
3	Steel I Beam	3.583ft	CONCRETE ENCASED
4	Steel I Beam	3.583ft	CONCRETE ENCASED
5	Steel I Beam	3.583ft	CONCRETE ENCASED
6	Steel I Beam	3.583ft	CONCRETE ENCASED
7	Steel I Beam	3.625ft	CONCRETE ENCASED
8	Steel I Beam	1.583ft	CONCRETE ENCASED
9	Steel I Beam	1.583ft	
10	Steel I Beam	ft	





CONCRETE ENCASED BEAMS 3 - 8

MODIFIED: 2/7/19 WCM

Title			Descri	ption			
TYPICAL SECTION			TYPICAL SECTION				
Bridge No: 320004	Drawn By:	WCM		Date: 01/21/2005	File Name: \$0026000439		

Bridge Inspection Field Sketch CONCRETE CONCRETE WINGWALL **WINGWALL CONCRETE BREASTWALL** TYPICAL ABUTMENT VERIFIED: 2/7/19 WCM Title Description **ABUTMENTS ABUTMENTS**

Date: 01/21/2005

File Name: \$0026000440

Bridge No: 320004

Drawn By: WCM

Bridge Inspection Field Sketch

	nformation				Place Conc							
Leng		Height	Left Ove	- 1	Right Ove	***			nd of Cap. I	Right Beam to Er	nd of Cap.	
	27.750 ft. 2.500 ft. 2.833 ft.			2.333 ft.		2.333 ft.		333 ft.		1.833 ft.		
	ap Information	Height		Material Left Overhang Right Ove			rhang Left Pile to Splice.					
Length Width Height		Len Ove	Left Overnaring Right Ove			Thany Left File to Opilice.						
Sill Inf	formation		Material									
Leng		Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replaceme	nt? Removed?	Collar?	
1	Concrete	5.167 ft.	1 ft.			Vert	ical	No	No	No	No	
2	Concrete	12.75 ft.	2.5 ft.			Vert	ical	No	No	No	No	
3	Concrete	5.167 ft.	2.5 ft.			Vert		No	No	No	No	
4	Concrete		1 ft.			Vert	ical	No	No	No	No	
Bent/A	Abutment #:	1	Similar	Bents:	2,3,4							
itle						Description						
ENT 1						RENT 1						

BENT 1 BENT 1

Bridge No: 320004 Drawn By: WCM

Date: 2/7/2019 File Name: \$0022002054

Bridge Inspection Field Sketch 22" WIDE **30" WIDE RC CAP** 11" 30" 2' 4" 2' 4" 5' 2" 5' 2" 12' 9" MODIFIED: 2/7/19 WCM Title Description **BENTS BENTS** Bridge No: 320004 Drawn By: WCM Date: 01/21/2005 File Name: S0026000441

