



STRUCTURE MANAGEMENT UNIT

UNDERCLEARANCE

Structure Safety Report

Routine Element Inspection - Contract

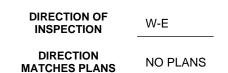
INSPECTION DATE: 04/23/2019

DIVISION: 14	COUNTY: HAYWO	OOD STRUC	TURE NUMBER: 430236	FREQUENCY:	24 MONTHS
FACILITY CARRIED	: 1-40			MILE POST: 29.3	
LOCATION: 1.8 MI.	E.JCT.SR1660		1.8 MI.E.JCT.US74		
FEATURE INTERSE	CTED: SR1513				
LATITUDE: 35° 32	2' 56.11"	LONGITUDE:	82° 53' 9.02"		
SUPERSTRUCTURE		CONCRETE FLOOR ON I-E	BEAMS		
SUBSTRUCTURE: E	E.BTS:RC CAPS/H	-PILES;INT.BTS:RCP&BEA	M/PILE FTGS.		
SPANS: 3 SPAN	S. SEE SPAN PRC	FILE SHEET FOR SPAN D	ETAILS		
FRACTURE CR		IPORARY SHORING	SCOUR CRITICAL	SCOUR PLAN OF	ACTION
NBI GRADES:	DECK 5	SUPERSTRUCTURE 5	SUBSTRUCTURE 4		
POSTED SV: Not	Posted	Not Posted	POSTED TTST: Not Po	sted Not F	Posted

OTHER SIGNS PRESENT: NONE



Sign notice issued fo		Number Required
NO	WEIGHT LIMIT	0
NO	DELINEATORS	0
NO	NARROW BRIDGE	0
NO	ONE LANE BRIDGE	0
NO	LOW CLEARANCE	0



LOOKING FAST

LOOKING EAST			
INSPECTED BY Brian K Eggerton	SIGNATURE	Thingth	ASSISTED BY L. Zampetti

Structure Element Scoring

Structure Number: 430236

Inspection Date 4/23/2019

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	10415	6369	2801	1245	0
107	0	Steel Open Girder/Beam	Beam	1440	0	1356	84	0
515	107	Steel Protective Coating	Beam	11550	9774	12	0	1764
205	0	Reinforced Concrete Column	Piles and Columns	10	5	0	5	0
215	0	Reinforced Concrete Abutment	Abutments	158	131	25	2	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	14	14	0	0	0
225	0	Steel Pile	Piles and Columns	30	30	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	328	168	7	153	0
302	0	Compression Joint Seal	Expansion Joints	332	330	0	2	0
311	0	Movable Bearing	Bearing Device	30	0	14	16	0
515	311	Steel Protective Coating	Bearing Device	30	0	0	8	22
313	0	Fixed Bearing	Bearing Device	30	0	11	19	0
515	313	Steel Protective Coating	Bearing Device	30	0	0	6	24
320	0	Prestressed Concrete Approach Slab	Approaches	2040	1020	0	1020	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	146	0	0	146	0
333	0	Other Bridge Railing	Bridge Rail	292	265	7	20	0
515	333	Steel Protective Coating	Bridge Rail	432	432	0	0	0
510	0	Wearing Surface	Wearing Surfaces	9636	4884	0	4752	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 430236

Inspection Date: 04/23/2019

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	110 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2482 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	190 Square Feet
3314	Steel Open Girder/Beam	Corrosion	84 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	5 Each
3348	Reinforced Concrete Column	Delamination/Spall	25 Each
3350	Reinforced Concrete Abutment	Patched Area	2 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	40 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	9 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	109 Feet
3310	Compression Joint Seal	Adjacent Deck or Header	2 Feet
3334	Movable Bearing	Corrosion	16 Each
3334	Fixed Bearing	Corrosion	19 Each
3353	Prestressed Concrete Approach Slab	Cracking (PSC)	1020 Square Feet
3318	Reinforced Concrete Bridge Railing	Damage	2 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	144 Feet
3318	Other Bridge Railing	Delamination/Spall	27 Feet
2816	Wearing Surface	Crack (Wearing Surface)	4752 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1836 Square Feet

Element Structure Maintenance Quantities

Structure Number: 430236 Inspection Date 04/23/2019						2019		
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	2	158	0	2	25	131
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	1020	2040	0	1020	0	1020
Beam	3314	Maintenance Steel Superstructure Components	84	1440	0	84	1356	0
Beam	3342	Clean and Paint Steel	1776	11550	1764	0	12	9774
Bearing Device	3334	Bridge Bearing	35	60	0	35	25	0
Bearing Device	3342	Clean and Paint Steel	60	60	46	14	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	173	438	0	166	7	265
Bridge Rail	3342	Clean and Paint Steel	0	432	0	0	0	432
Caps	3348	Maintenance of Concrete Substructure	158	328	0	153	7	168
Deck	3326	Maintenance of Concrete Deck	2782	10415	0	1245	2801	6369
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	2	332	0	2	0	330
Footing	3348	Maintenance of Concrete Substructure	0	14	0	0	0	14
Piles and Columns	3348	Maintenance of Concrete Substructure	30	10	0	5	0	5
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	30	0	0	0	30
Wearing Surfaces	2816	Asphalt Surface Repair	4752	9636	0	4752	0	4884

Element Condition and Maintenance Data

Deck

Structure Number: 430236

Inspection Date: 04/23/2019

Span 1

Reinforced Concrete Deck

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	2,925	1,379	588	958	0 S	quare Feet
Elemen Numbe	Defeet Trues	Defect Description			CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 1/16" LONGITUDINAL, TRANSVEF HORIZONTAL CRACKS WITH UP TO 36" DELAMINATION AND 14" X 14" X 2" DEEL EXPOSED REBAR IN BOTTOM AND FAC OVERHANG	X 24" ARE. P SPALL W	/ITH	3	80	80	Square Feet
12	Cracking (RC and Other)	UP TO 1/8" TRANSVERSE CRACKS WITH EFFLORESCENCE IN BOTTOM OF DECH LOCATIONS			3	600	600	Square Feet
12	Delamination/Spall	12" X 6" X 1 1/2" DEEP SPALL WITH EXP 40" X 17" AREA OF DELAMINATION IN B BAY 4, APPROXIMATELY 8' FROM END I PHOTO)	OTTOM OF	DECK IN	3	6	6	Square Feet
12	Delamination/Spall	26" X 11" X 2" DEEP SPALL IN BOTTOM (OF BEAM 1 AT END BENT 1 (SEE PHOT		O LEFT	3	2	2	Square Feet
12	Delamination/Spall	PAR: (6) SPALLS WITH EXPOSED LONG TRANSVERSE REBAR UP TO 48" X 24" > AREAS OF DELAMINATION UP TO 60" X OVERHANG (SEE PHOTOS)	(3" DEEP /	AND	3	80	80	Square Feet
12	Patched Areas	10' X 72" FAILED PATCH WITH UP TO 0.0 CRACKS WITH EFFLORESCENCE IN BO BAY 9 NEAR MIDSPAN			3	60	60	Square Feet
12	Patched Areas	20' X 78" FAILED PATCH WITH UP TO 0.0 AND TRANSVERSE CRACKS WITH EFFL BOTTOM OF DECK IN BAY 8, EXTENDIN CONDITION APPROXIMATELY 15' FROM PHOTO	ORESCEN G FROM B	ICE IN ENT 1,	3	130	130	Square Feet
12	Efflorescence/Rust Staining	AREAS OF HAIRLINE MAP CRACKING W EFFLORESCENCE IN BOTTOM OF DECH LOCATIONS, CRACKS IN BAY 2 APPRO END BENT 1 SHOWN IN PHOTO	K IN VARIO		2	540		Square Feet
12	Efflorescence/Rust Staining	UP TO 0.016" TRANSVERSE CRACKS W EFFLORESCENCE AND FAILED SEALED BOTTOM OF DECK IN BAY 1, CONDITIO 6' FROM END BENT 1 SHOWN IN PHOTO) CRACKS N APPROX		2	48		Square Feet

General Comments

Plate Girder

Span 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	36	4	0 Feet
515	Steel Protective Coating	318	262	0	0	56 Square Feet

Beam 1

Elemen Numbe	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	PAR: CORROSION ALONG WEB AND BOTH FLANGES UP TO 45" LONG X 14" HIGH DOWN TO 1/4" RESIDUAL WEB, 42" LONG X 6" WIDE WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE, AND 46" LONG X 6" WIDE DOWN TO 1/4" RESIDUAL BOTTOM FLANGE EXTENDING FROM END OF BEAM AT END BENT 1, CONDITION ON LEFT SIDE SHOWN IN PHOTO	3	4	4	Feet
107	Corrosion	40' OF SURFACE CORROSION ALONG LEFT SIDE OF BOTTOM FLANGE	2	36		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT SIDE OF BOTTOM FLANGE	4	40	40	Square Feet

515 Effectiveness (Steel Protective Coatings) DETERIORATED PAINT SYSTEM ALONG WEB AND BOTH FLANGES UP TO 45" LONG X 14" HIGH IN WEB, 42" LONG X 6" WIDE IN TOP FLANGE, AND 46" LONG X 6" WIDE IN BOTTOM FLANGE EXTENDING FROM END OF BEAM AT END BENT 1 16 16 Square Feet

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General Comments

Span Plate Eleme Numl 107	Girder ent ber	Beam 2 Element Name Open Girder/Beam	Total Qty	CS1	CS2	CS3	CS4	
Elem Numi	ent ber				CS2	CS3	CS4	
Num	ber				CS2	CS3	CS4	
107	Steel	Open Girder/Beam		Qty	Qty	Qty	Qty	
		-	40	0	39	1	0	Feet
515	Steel I	Protective Coating	318	274	0	0	44	Square Feet
Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107 (Corrosion	CORROSION WITH NO MEASURABI ALONG WEB AND BOTTOM FLANGE HIGH IN WEB, AND 12" LONG X 11 1 EXTENDING FROM END OF BEAM A	E UP TO 12" LOI 1/2" WIDE IN FLA	NG X 6"	3	1		1 Feet
107 (Corrosion	40' OF SURFACE CORROSION ALO OF FLANGES IN VARIOUS LOCATIC	-	DGES	2	39		Feet
	Effectiveness (Steel Protective Coatings)		I IN WEB, AND 1	12" LONG	4	4		4 Square Feet
	Effectiveness (Steel Protective Coatings)			EDGES	4	40	4	0 Square Feet

General Comments

Span 1

Beam 3

Plate Girder	

Element		Total	CS1	CS2	CS3	CS4	
Number	Element Name	Qty	Qty	Qty	Qty	Qty	
107	Steel Open Girder/Beam	40	0	39	1	0 Feet	
515	Steel Protective Coating	318	274	0	0	44 Square Feet	

Elemen Numbe	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	3	1	1	Feet
107	Corrosion	40' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40	Square Feet
	Oswawal Camananta					

General Comments

Span 1

Beam 4

Plate Girder

	ment mber Steel Oj	Element Name ben Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 39	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel Pr	otective Coating	318	274	0	0	44	Square Feet
Elemer Numbe	Dofact Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURAE ALONG WEB AND BOTTOM FLANG HIGH IN WEB, AND 12" LONG X 11 EXTENDING FROM END OF BEAM	E UP TO 12" LON 1/2" WIDE IN FLA	NG X 6"	3	1	-	1 Feet
107	Corrosion	40' OF SURFACE CORROSION ALC OF FLANGES IN VARIOUS LOCATION		DGES	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A FLANGE UP TO 12" LONG X 6" HIG X 11 1/2" WIDE IN FLANGE EXTEND BEAM AT BENT 1	H IN WEB, AND 1	2" LONG	4	4		4 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A OF FLANGES IN VARIOUS LOCATION		EDGES	4	40	4	O Square Feet

General Comments

Beam 5

Plate Girder

Span 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	39	1	0 Feet
515	Steel Protective Coating	318	274	0	0	44 Square Fee

Elemen	Defect Turne	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	3	1	1	Feet
107	Corrosion	40' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	39		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40	Square Feet
-	General Comments					

General Comments

Beam 6

Plate Girder

Span 1

	ment nber Steel C	Element Name	Total Qty 40	CS1 Qty 0	CS2 Qty 39	CS3 Qty	CS4 Qty 0	Feet
515		Protective Coating	318	274	0	0	-	Square Feet
Elemen Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASUR/ ALONG WEB AND BOTTOM FLAN HIGH IN WEB, AND 12" LONG X 1 EXTENDING FROM FND OF BEAL	IGE UP TO 12" LOI 1 1/2" WIDE IN FLA	NG X 6"	3	1	1	Feet
107	Corrosion	40' OF SURFACE CORROSION AI OF FLANGES IN VARIOUS LOCA	LONG WEB AND E	DGES	2	39		Feet

Structure	Number: <u>430236</u>			Inspec	ction Date: 04/23/2019
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings) General Comments	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40 Square Feet

Span 1

Beam 7

Plate Girder

Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	ben Girder/Beam	40	0	40	0	0 Feet
515	Steel Pr	otective Coating	318	278	0	0	40 Square Feet
Iement Iumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
107	Corrosion	SURFACE CORROSION ALONG V FLANGES IN VARIOUS LOCATION		DF	2	40	Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM OF FLANGES IN VARIOUS LOCA		EDGES	4	40	40 Square Feet

General Comments

Beam	8
Deam	0

Plate Girder

Span 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	38	2	0	Feet
515	Steel Protective Coating	318	270	0	0	48	Square Feet
ement		. :			00 04	Maint	

Numbe	Defect Turne	Defect Description	CS	CS Qty	Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 8" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	3	2	2	Feet
107	Corrosion	40' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	38		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 8" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40	Square Feet
-	General Comments					

General Comments

Span	1
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Beam 9

Plate	Girder							
Elem Num 107	ber	Element Name Steel Open Girder/Beam		CS1 Qty 0	CS2 Qty 37		CS4 Qty 0 Feet	
515		Steel Protective Coating		266	0	0	-	Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURA ALONG WEB AND BOTTOM FLANG HIGH IN WEB, AND 34" LONG X 11	GE UP TO 22" LON	NG X 6"	3	3	-	3 Feet

EXTENDING FROM END OF BEAM AT BENT 1

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
107	Corrosion	40' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	37	Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 22" LONG X 6" HIGH IN WEB, AND 34" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	12	12 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40 Square Feet
	O				

Span 1

Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	35	5	0 Feet
515	Steel Protective Coating	318	262	0	0	56 Square Feet

Elemen Number	- Dofoot Typo	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 16" LONG X 4" HIGH IN WEB, AND 24" LONG X 6" WIDE IN FLANGE AT END OF BEAM AT END BENT 1	3	2	2	Feet
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 36" LONG X 6" HIGH IN WEB, AND 36" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	3	3	3	Feet
107	Corrosion	40' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	35		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTON FLANGE UP TO 16" LONG X 4" HIGH IN WEB, AND 24" LONG X 6" WIDE IN FLANGE AT END OF BEAM AT END BENT 1	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 36" LONG X 6" HIGH IN WEB, AND 36" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	40	40	Square Feet

General Comments

Span 1	l	Median Brid	ge Rail					
Concr	ete Railing							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	41	0	0	41	0 F	eet
lement lumber	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
	acking (RC and her)	UP TO 1/16" HORIZONTAL AND MA THROUGHOUT BOTH FACES OF R			3	39	39	Feet
331 Da	amage	MISSING CONNECTION PLATE AL MEDIAN RAIL AT BENT 1 JOINT (S		OF	3	2	2	Feet

General Comments

Span 1 Fixed Bearing

	ou Douring							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1 3	Square Feet
Eleme Numb	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAM	I 1 BEARING		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BEA	M 1	4	1	1	Square Feet
	General Comments							

Span 1

Far Bearing

Movable Bearing

	J							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	Defect Turne	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BE	AM 1 BEARING		3	1	- 1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BEAN	И1	4	1	1	Square Feet
-	General Comments							

Span 1

Near Bearing

Fixed Bearing

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed	Bearing	1	0	1	0	0 Each
515	Steel	Protective Coating	1	0	0	1	0 Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
313	Corrosion	SURFACE CORROSION THROUGH	HOUT BEAM 2 BEA	ARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)		HROUGHOUT BE	AM 2	3	1	1 Square Feet

General Comments

Span 1

Far Bearing

Movable Bearing

	J							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbei	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEA	AM 2 BEARING		3	1	1	Each
515	Effectiveness (Steel	DETERIORATED PAINT SYSTEM		M 2	4	1	1	Square Feet

Spar	n 1	Near Bearing	l					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
lement lumber	Dofact Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	OUT BEAM 3 BEA	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM TH BEARING	HROUGHOUT BE	AM 3	3	1		1 Square Feet
ī	General Comments							

Spa	an 1	Far Bearin	g					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BE	AM 3 BEARING		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BE	AM 3	4	1		1 Square Feet
	General Comments							

General Comments

Span 1

Near Bearing

Fixed Bearing

	0							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0 E	Each
515	Steel Pr	otective Coating	1	0	0	1	0 8	Square Feet
Elemen Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	HOUT BEAM 4 BEA	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BE	AM 4	3	1	1	Square Feet
_	Conorol Commonto							

General Comments

Span 1

Far Bearing

Movable Bearing

Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coating		1	0	0	0	1	Square Feet
311	Movable Bearing		1	0	0	1	0	Each
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
morabi	5 Doaling							

Structure	Number: <u>430236</u>	Inspe	Inspection Date: 04/23/2019		
311	Corrosion	CORROSION THROUGHOUT BEAM 4 BEARING	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING	4	1	1 Square Feet
	General Comments				

Spa	n 1	Near Bearin	g					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Element Defect Type		Defect Descr	iption		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 5 BE	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)				3	1		1 Square Feet

Spa	in 1	Far Bearin	g					
Мо	able Bearing							
	ment nber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	,
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311	311 Corrosion CORROSION THRO		DUGHOUT BEAM 5 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BE	AM 5	4	1		1 Square Feet
	Constal Commonto							

General Comments

Span 1

Near Bearing

Fixe	ed Bearing	I							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed B	earing	1	0	1	0	0	Each
515		Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoo	t Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion		SURFACE CORROSION THROUG	HOUT BEAM 6 BEA	ARING	2	1		Each
515		fectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 btective Coatings) BEARING			AM 6	3	1		1 Square Feet
	General Con	nments							

Span 1

Far Bearing

Movable Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEAM	6 BEARING		3	1	-	1 Each
515	Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 Protective Coatings) BEARING			AM 6	4	1		1 Square Feet
-	General Comments							

Span 1

Near Bearing

Fixed Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0 Each	
515	Steel Pr	otective Coating	1	0	0	1	0 Square	Feet
Elemen Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 7 BEA	RING	2	1	Each	
515	Effectiveness (Steel DETERIORATED PAINT SYSTEM THRC Protective Coatings) BEARING		THROUGHOUT BE	AM 7	3	1	1 Squai	e Feet
	General Comments							

Span 1

Far Bearing

Movable Bearing

ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Movab	e Bearing	1	0	1	0	0 Each
Steel P	rotective Coating	1	0	0	0	1 Square Feet
nt Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
Corrosion	SURFACE CORROSION THROUGHOUT BEAM 7 BEARING		2	1	Each	
Effectiveness (Steel Protective Coatings)			AM 7	4	1	1 Square Feet
	nber Movabl Steel P t r Defect Type Corrosion Effectiveness (Steel	Element Name Movable Bearing Steel Protective Coating t Defect Type Corrosion SURFACE CORROSION THROUGH Effectiveness (Steel DETERIORATED PAINT SYSTEM	Index Element Name Qty Movable Bearing 1 Steel Protective Coating 1 Image: transmission of transmissi	Index Element Name Qty Qty Movable Bearing 1 0 Steel Protective Coating 1 0 t Defect Type Defect Description Corrosion SURFACE CORROSION THROUGHOUT BEAM 7 BEARING Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7	Index Element Name Qty Qty Qty Movable Bearing 1 0 1 Steel Protective Coating 1 0 0 tr Defect Type Defect Description CS Corrosion SURFACE CORROSION THROUGHOUT BEAM 7 BEARING 2 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7 4	Imber Element Name Qty Qty Qty Qty Movable Bearing 1 0 1 0 Steel Protective Coating 1 0 0 0 tr Defect Type Defect Description CS CS Qty Corrosion SURFACE CORROSION THROUGHOUT BEAM 7 BEARING 2 1 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7 4 1

General Comments

Spa	n 1	Near Bearing	g					
Fixe	d Bearing							
Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	HOUT BEAM 8 BE	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BE	AM 8	4	1		1 Square Feet

Spa	n 1	Far Beari	ng					
Mov	able Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT B	EAM 8 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)					1		1 Square Feet
-	General Comments							

Spa	Span 1			Near Bearing						
Fix	ed Bearir	ng								
	ement mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	earing		1	0	1	0	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Eleme Numbe	Dofe	Defect Type Defect Description				CS	CS Qty	Maint Qty		
313	Corrosion		SURFACE CORRO (SEE PHOTO)	SURFACE CORROSION THROUGHOUT BEAM 9 BEARING SEE PHOTO)			2	1		Each
515		ctiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 9 ective Coatings) BEARING			AM 9	4	1		1 Square Feet	
	General Co	omments								

Span	1
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Far Bearing

Movable Bearing

	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEAM 9 BI	EARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUBEARING	UGHOUT BE	AM 9	4	1		1 Square Feet
	General Comments							

Span 1

Near Bearing

Fixed Bearing

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 430236			Inspe	ction Date: 04/23/2019
313	Corrosion	SURFACE CORROSION THROUGHOUT BEAM 10 BEARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10 BEARING	4	1	1 Square Feet
	General Comments				

Spa	an 1	Far Bearing	3					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEA	AM 10 BEARING		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BARRIER RAIL	THROUGHOUT BE	AM 10	4	1		1 Square Feet
	General Comments							

Spa	an 1	Wearing Su	rface				
Со	ncrete Wearing Su	urface					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearin	g Surface	2,706	1,386	0	1,320	0 Square Feet
Elemei Numbe	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
510	Crack (Wearing Surface)	UP TO 1/16" DIAGONAL, LONGITU CRACKS IN VARIOUS LOCATIONS		NSVERSE	3	1,320	1,320 Square Feet
	<u> </u>						

General Comments

Right Bridge Rail

Concrete and Metal Railing

Elemo Numb 333	per	Element Name	Total Qty 41	CS1 Qty 34	CS2 Qty 0	CS3 Qty 7	CS4 Qty 0 Feet
515		rotective Coating	60	60	0	0	0 Square Feet
Element Number	Defect Type	Defect Descri	iption		CS	CS Qty	Maint Qty
333	Delamination/Spall	SPALLS WITH EXPOSED REBAR U	JP TO 18" X 5" X 2		3	7	7 Feet

General Comments

Span 2

Span 1

Deck

Reinforced Concrete Deck

	nent nber	Reinford	Element Name ced Concrete Deck	Total Qty 3,852	CS1 Qty 2,868	CS2 Qty 897	CS3 Qty 87	CS4 Qty 0	Square Feet
Elemen Numbe		Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
12	Crac Othe	cking (RC and er)	UP TO 24" X 22" AREAS OF DELAMIN 1/4" LONGITUDINAL, TRANSVERSE A			3	22	22	2 Square Feet

ucture	Number: <u>430236</u>			Insp	ection D	ate: 04/23/2019
		CRACKS IN BOTTOM AND FACE OF LEFT OVERHANG IN VARIOUS LOCATIONS				
12	Cracking (RC and Other)	UP TO 34" X 22" AREAS OF DELAMINATION WITH UP TO 1/4" LONGITUDINAL, TRANSVERSE AND HORIZONTAL CRACKS IN BOTTOM AND FACE OF RIGHT OVERHANG IN VARIOUS LOCATIONS	3	60	60	Square Feet
12	Delamination/Spall	PAR: 26" X 24" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG, APPROXIMATELY 6' FROM BENT 1 (SEE PHOTO)	3	5	5	Square Feet
12	Cracking (RC and Other)	AREAS OF HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM OF DECK IN VARIOUS LOCATIONS	2	480	480	Square Feet
12	Cracking (RC and Other)	UP TO 0.02" LONGITUDINAL AND TRANSVERSE CRACKS WITH AND WITHOUT EFFLORESCENCE IN BOTTOM OF DECK IN VARIOUS LOCATIONS	2	400	400	Square Feet
12	Delamination/Spall	PAR: (4) AREAS OF DELAMINATION UP TO 24" X 24" IN BOTTOM OF LEFT OVERHANG ABOVE ROADWAY (SEE PHOTO)	2	7	7	Square Feet
12	Delamination/Spall	PAR: FAILED REPAIR AND (2) AREAS OF DELAMINATION UF TO 36" X 22" IN BOTTOM OF RIGHT OVERHANG ABOVE ROADWAY (SEE PHOTO)	2	10	10	Square Feet

Beam 1

Plate Girder

Span 2

	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	54	0	38	16	0	Feet
515	Steel P	rotective Coating	438	320	0	0	118	Square Feet
Elemer Numbe	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURA ALONG WEB AND BOTTOM FLAN HIGH IN WEB, AND 16' LONG X 11 EXTENDING FROM END OF BEAM ON LEFT SIDE SHOWN IN PHOTO	IGE UP TO 16' LON 1 1/2" WIDE IN FLA M AT BENT 2, CON	NG X 14" NGE	3	16	16	5 Feet
107	Corrosion	54' OF SURFACE CORROSION AL OF FLANGES IN VARIOUS LOCAT		DGES	2	38		Feet
515	Effectiveness (Steel	DETERIORATED PAINT SYSTEM	ALONG WEB AND	BOTTOM	4	64	64	Square Feet

515	Effectiveness (Steel	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM	4	64	64	Square Feet
	Protective Coatings)	FLANGE UP TO 16' LONG X 14" HIGH IN WEB, AND 16'				
		LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END				
		OF BEAM AT BENT 2				
515	Effectiveness (Steel	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES	4	54	54	Square Feet
	Protective Coatings)	OF FLANGES IN VARIOUS LOCATIONS				
	Companyal Community					

General Comments

Beam 2

Plate Girder

Span 2

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel C	open Girder/Beam	54	0	52	2	0 Feet
515	Steel F	Protective Coating	438	376	0	0	62 Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty
107	Corrosion	CORROSION WITH NO MEASUR ALONG WEB AND BOTTOM FLA HIGH IN WEB, AND 24" LONG X EXTENDING FROM END OF BEA	NGE UP TO 21" LOI 11 1/2" WIDE IN FLA	NG X 3"	3	2	2 Feet
107	Corrosion	54' OF SURFACE CORROSION A OF FLANGES IN VARIOUS LOCA		DGES	2	52	Feet

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 21" LONG X 3" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	8	8 Square Feet
515	Effectiveness (Steel Protective Coatings) General Comments	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	54	54 Square Feet

Span 2

Beam 3

Plate Girder

Element Total CS1 CS2 CS3 CS4 **Element Name** Qty Number Qty Qty Qty Qty 107 Steel Open Girder/Beam 52 0 Feet 54 0 2 515 Steel Protective Coating 438 376 0 0 62 Square Feet Element Maint **Defect Description** cs CS Qty **Defect Type** Number Qty CORROSION WITH NO MEASURABLE LOSS OF SECTION 107 Corrosion 3 2 Feet 2 ALONG WEB AND BOTTOM FLANGE UP TO 19" LONG X 3" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2 52 107 54' OF SURFACE CORROSION ALONG WEB AND EDGES 2 Feet Corrosion OF FLANGES IN VARIOUS LOCATIONS DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM 8 515 Effectiveness (Steel 4 8 Square Feet Protective Coatings) FLANGE UP TO 19" LONG X 3" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2 515 Effectiveness (Steel DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES 4 54 54 Square Feet Protective Coatings) OF FLANGES IN VARIOUS LOCATIONS **General Comments**

Span 2

Beam 4

Plate Girder

Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	en Girder/Beam	54	0	54	0	0 Feet
515	Steel Pr	otective Coating	438	384	0	0	54 Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
107	Corrosion	SURFACE CORROSION ALONG FLANGES IN VARIOUS LOCATIO		DF	2	54	Feet
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM OF FLANGES IN VARIOUS LOCA		EDGES	4	54	54 Square Fee

General Comments

an	2	

Sp

Beam 5

EXTENDING FROM END OF BEAM AT BENT 2

Plate	Girder							
Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	54	0	53	1	0	Feet
515	Steel F	Steel Protective Coating		380	0	0	58	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG WEB AND BOTTOM FLAN	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE			1		1 Feet

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
107	Corrosion	54' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	53	Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	54	54 Square Feet
	Osusanal Commente				

Span 2

Beam 6

Plate Girder

Elem Numl	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		54	0	54	0	0	Feet
515	Steel Pro	otective Coating	438	384	0	0	54	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion		SURFACE CORROSION ALONG WEB AND EDGES OF LANGES IN VARIOUS LOCATIONS		2	54		Feet
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A OF FLANGES IN VARIOUS LOCAT		EDGES	4	54	54	Square Feet

General Comments

Span 2 Beam 7 **Plate Girder** CS2 CS4 Element Total CS1 CS3 **Element Name** Number Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 54 0 54 0 0 Feet 515 Steel Protective Coating 438 384 0 0 54 Square Feet Element Maint Defect Type CS CS Qty **Defect Description** Number Qty 107 SURFACE CORROSION ALONG WEB AND EDGES OF Corrosion 2 54 Feet FLANGES IN VARIOUS LOCATIONS 515 Effectiveness (Steel DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES 4 54 54 Square Feet OF FLANGES IN VARIOUS LOCATIONS Protective Coatings)

General Comments

Beam 8

Plate Girder

Span 2

Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Stee	el Open Girder/Beam	54	0	50	4	0 Feet
515	Stee	el Protective Coating	438	368	0	0	70 Square Feet
Elemen Numbe	Dofact Type	Defect Descrip	otion		CS	CS Qty	Maint Qty
107	Corrosion	CORROSION WITH NO MEASURAE ALONG WEB AND BOTTOM FLANG HIGH IN WEB, AND 24" LONG X 11 EXTENDING FROM END OF BEAM	E UP TO 24" LON 1/2" WIDE IN FLA	NG X 6"	3	2	2 Feet
107	Corrosion	CORROSION WITH NO MEASURAE ALONG WEB AND BOTTOM FLANG HIGH IN WEB, AND 12" LONG X 11 EXTENDING FROM END OF BEAM	E UP TO 24" LON 1/2" WIDE IN FLA	NG X 8"	3	2	2 Feet
107	Corrosion	54' OF SURFACE CORROSION ALC OF FLANGES IN VARIOUS LOCATION	-	DGES	2	50	Feet

Structure	Number: <u>430236</u>			Inspec	tion D	ate: 04/23/2019
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 6" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 8" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	54	54	Square Feet
	General Comments					

Span 2

Beam 9

Plate Girder

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	54	0	49	5	0	Feet
515	Steel Pro	btective Coating	438	364	0	0	74 \$	Square Feet
Elemen Numbe	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LO ALONG WEB AND BOTTOM FLANGE UP T HIGH IN WEB AND 13" LONG X 11 1/2" WII EXTENDING FROM END OF BEAM AT BEI	FO 10" LO DE IN FLA	NG X 6"	3	2	2	Feet
107	Corrosion	CORROSION WITH NO MEASURABLE LO ALONG WEB AND BOTTOM FLANGE UP T HIGH IN WEB, AND 36" LONG X 11 1/2" WI EXTENDING FROM END OF BEAM AT BEI	FO 19" LO IDE IN FL/	NG X 6"	3	3	3	Feet
107	Corrosion	54' OF SURFACE CORROSION ALONG WI OF FLANGES IN VARIOUS LOCATIONS	EB AND E	DGES	2	49		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG FLANGE UP TO 10" LONG X 6" HIGH IN W X 11 1/2" WIDE IN FLANGE EXTENDING F BEAM AT BENT 2	'EB AND 1	3" LONG	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG OF FLANGES IN VARIOUS LOCATIONS	WEB AND	EDGES	4	54	54	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ON BOT AND BOTTOM FLANGE UP TO 10" LONG I WEB AND 13" LONG BY 11-1/2" WIDE ALC FLANGE AT BENT 2	BY 6" HIG	H IN	4	8	8	Square Feet

General Comments

Spa	n 2		Beam 10						
Plate	e Girder								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Girder/Beam		54	0	49	5	0	Feet
515		Steel Protective Coating		438	364	0	0	74	Square Feet
Elemen Number	Dofoct	Туре	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG WEB A HIGH IN WEB	AND BOTTOM FLANG AND 14" LONG X 11 1	EASURABLE LOSS OF SECTION M FLANGE UP TO 10" LONG X 7" NG X 11 1/2" WIDE IN BOTTOM M END OF BEAM AT BENT 2		3	2		2 Feet
107	107 Corrosion CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 36" LONG X & HIGH IN WEB, AND 36" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1		IG X 8"	3	3		3 Feet		
107	Corrosion	54' OF SURFA	CE CORROSION ALO	NG WEB AND E	DGES	2	49		Feet

OF FLANGES IN VARIOUS LOCATIONS

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 10" LONG X 7" HIGH IN WEB AND 14" LONG X 11 1/2" WIDE IN BOTTOM FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	8	8 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 36" LONG X 8" HIGH IN WEB, AND 36" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 1	4	12	12 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	54	54 Square Feet

Span 2

Median Bridge Rail

Concrete Railing

nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Reinfor	ced Concrete Bridge Railing	54	0	0	54	0 Feet
Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
racking (RC and ther)				3	54	54 Feet
	Reinfor Defect Type racking (RC and	Element Name Reinforced Concrete Bridge Railing Defect Type Defect Descr racking (RC and UP TO 1/16" HORIZONTAL AND M	Element Name Qty Reinforced Concrete Bridge Railing 54 Defect Type Defect Description racking (RC and UP TO 1/16" HORIZONTAL AND MAP CRACKING	Element Name Qty Qty Reinforced Concrete Bridge Railing 54 0 Defect Type Defect Description racking (RC and UP TO 1/16" HORIZONTAL AND MAP CRACKING	Element Name Qty Qty Qty Reinforced Concrete Bridge Railing 54 0 0 Defect Type Defect Description CS racking (RC and UP TO 1/16" HORIZONTAL AND MAP CRACKING 3	Element Name Qty Qty Qty Qty Qty Reinforced Concrete Bridge Railing 54 0 0 54 Defect Type Defect Description CS CS Qty racking (RC and UP TO 1/16" HORIZONTAL AND MAP CRACKING 3 54

General Comments

Spa	an 2	Near Bearin	ng					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEA	AM 1 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 1	4	1		1 Square Feet
	General Comments							

Spar	า 2	Far Bearing	g					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Turne	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BE	AM 1 BEARING		3	1	-	1 Each
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 1	4	1		1 Square Feet
	Protective Coatings) General Comments	BEARING						

General Comments

Near Bearing

Movable Bearing

Span 2

	•							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbei	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BE	AM 2 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BEA	M 2	4	1		1 Square Feet
-	General Comments							

Span 2

Far Bearing

Fixed Bearing

	a Dealing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BE	AM 2 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BEAN	VI 2	4	1		1 Square Feet
-	General Comments							

Span 2

Near Bearing

Movable Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	e Bearing	1	0	0	1	0 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty
311	Corrosion	CORROSION THROUGHOUT BE	AM 3 BEARING		3	1	1 Each
515	Effectiveness (Steel	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BEA	M 3	4	1	1 Square Feet

General Comments

Span 2

Far Bearing

Eliza el	D
Fixed	Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAM	A 3 BEARING		3	1		1 Each

Spa	n 2	Near Bearing	9					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
lement	Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BEAM	/I 4 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BE	AM 4	4	1		1 Square Feet
Ī	General Comments							

Spa	an 2	Far Bearin	g					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	ed Bearing	1	0	0	1	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Defect Type	e Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BE	AM 4 BEARING		3	1		1 Each
515	Effectiveness (Ste Protective Coating		I THROUGHOUT BE	AM 4	4	1		1 Square Feet
	General Commen	ts						

Span 2

Near Bearing

Movable Bearing

	U						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	Bearing	1	0	1	0	0 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Elemen Numbe	Dofoot Typo	Defect Description	on		CS	CS Qty	Maint Qty
311	Corrosion	SURFACE CORROSION THROUGHOU	JT BEAM 5 BEA	ARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THR BEARING	OUGHOUT BE	AM 5	4	1	1 Square Feet
	General Comments						

Span 2

Far Bearing

Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
313	Corrosion	CORROSION THROUGHOUT BEAM 5 BEARING	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING	4	1	1 Square Feet
	General Comments				

Spa	in 2	Near Bearin	g					
Μον	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	ptective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION THROUGI	HOUT BEAM 6 BE	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	THROUGHOUT BE	AM 6	4	1		1 Square Feet

2	Far Bearing	g					
Bearing							
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313 Corrosion SURFACE CORRO		OSION THROUGHOUT BEAM 6 BEARING		2	1		Each
ffectiveness (Steel rotective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 6	4	1		1 Square Fee
	Bearing It Fixed Be Steel Pro Defect Type prrosion fectiveness (Steel	Bearing It Element Name Fixed Bearing Steel Protective Coating Defect Type Defect Desc Derrosion SURFACE CORROSION THROUG fectiveness (Steel DETERIORATED PAINT SYSTEM	Bearing Total tr Element Name Qty Fixed Bearing 1 Steel Protective Coating 1 Defect Type Defect Description prosion SURFACE CORROSION THROUGHOUT BEAM 6 BEAM 6 BEAM 6 BEAM fectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEAM	Bearing Total CS1 tr Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description prosion SURFACE CORROSION THROUGHOUT BEAM 6 BEARING fectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6	Bearing Total CS1 CS2 r Element Name Qty Qty Qty Qty Fixed Bearing 1 0 1 0 1 Steel Protective Coating 1 0 0 0 Defect Type Defect Description CS prrosion SURFACE CORROSION THROUGHOUT BEAM 6 BEARING 2 fectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 4	Bearing Total CS1 CS2 CS3 r Element Name Qty Qty <td>Bearing Total CS1 CS2 CS3 CS4 r Element Name Qty Qty</td>	Bearing Total CS1 CS2 CS3 CS4 r Element Name Qty Qty

General Comments

Near Bearing

Mayo		Deering
wova	Die	Bearing

Span 2

in o	able bearing						
	ment mber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Elemer Numbe	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
311	Corrosion	SURFACE CORROSION THROUGHO	UT BEAM 7 BEA	ARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THI BEARING	ROUGHOUT BE	AM 7	4	1	1 Square Feet
	General Comments						

Span 2

Fixed	Bearing
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	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAM 7	BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THR BEARING	OUGHOUT BE	AM 7	4	1		1 Square Feet
	General Comments							

Span 2

Near Bearing

Movable Bearing

	abio Boaring							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BE	AM 8 BEARING		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BEAN	18	4	1		1 Square Feet
	General Comments							

Span 2

Far Bearing

Fixed Bearing

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Be	earing	1	0	0	1	0 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
313	Corrosion	CORROSION THROUGHOUT BEAM	A 8 BEARING		3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BEA	M 8	4	1	1 Square Feet

General Comments

Span 2

Near Bearing

Movable Bearing

		-							
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe		efect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
311	Corrosio	on	CORROSION THROUGHOUT BEA	M 9 BEARING		2	1		Each
515	Effective	eness (Steel	DETERIORATED PAINT SYSTEM	THROUGHOUT BE	AM 9	4	1		1 Square Feet

n 2	Far Bearing						
d Bearing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Fixed Be	earing	1	0	0	1	0	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
Corrosion	CORROSION THROUGHOUT BEAM	M 9 BEARING		3	1	-	1 Each
Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T BEARING	HROUGHOUT BE	AM 9	4	1		1 Square Feet
	Steel Pro	t Defect Type Defect Descri Corrosion CORROSION THROUGHOUT BEAM Effectiveness (Steel DETERIORATED PAINT SYSTEM T	Ad Bearing Total Qty Fixed Bearing 1 Steel Protective Coating 1 t Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 9 BEARING Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BE	Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 9 BEARING Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 9	Total Name CS1 Qty CS2 Qty Fixed Bearing 1 0 0 Steel Protective Coating 1 0 0 t Defect Type Defect Description CS Corrosion CORROSION THROUGHOUT BEAM 9 BEARING 3 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 9 4	Total Name CS1 Qty CS2 Qty CS3 Qty Q	Total Name CS1 Qty CS2 Qty CS3 Qty CS4 Qty Fixed Bearing 1 0 0 1 0 Steel Protective Coating 1 0 0 1 0 t Defect Type Defect Description CS CS Qty Maint Qty Corrosion CORROSION THROUGHOUT BEAM 9 BEARING 3 1 1 1 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 9 4 1 1

	an 2	Near Beari	ng					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0 6	Each
515	Steel Pro	otective Coating	1	0	0	0	1 \$	Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	CORROSION THROUGHOUT BE	AM 10 BEARING		3	1	1	Each
311	Loss of Bearing Area	LESS THAN 1% LOSS OF BEARIN 10 BEARING (SEE PHOTO)	NG AREA BENEATH	I BEAM	2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 10	4	1	1	Square Feet

General Comments

Spa	in 2		Far Bearing	9					
Fixe	ed Bearing	g							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	earing	1	0	0	1	0	Each
515		Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	- Dofo	ct Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion		CORROSION THROUGHOUT BEA	AM 10 BEARING		3	1		1 Each
515	Effectivene Protective	``	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10 BEARING			4	1		1 Square Feet
	General Co	mments							

Span 2		Wearing Surface					
Concret	e Wearing Surface						
Element Number	Element Name	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface		3,564	1,782	0	1,782	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

510 Crack (Wearing Surface)

UP TO 1/16" DIAGONAL, LONGITUDINAL AND TRANSVERSE 3 1,782 1,782 Square Feet CRACKS IN VARIOUS LOCATIONS

General Comments

Spa	an 2		Left Bridge Rail					
Cor	ncrete and Meta	al Railing						
	ment mber Oth	Element Name er Bridge Railing		Total Qty 54	CS1 Qty 51	CS2 Qty 3	CS3 Qty 0	CS4 Qty 0 Feet
515	Stee	el Protective Coating		81	81	0	0	0 Square Feet
Elemer Numbe	er Defect Type		Defect Description			CS	CS Qty	Maint Qty
333	Delamination/Spa	BACK FACE OF RA	POSED REBAR UP TO AIL POSTS IN VARIOU			2	3	3 Feet
	General Comment	ts						
Spa	an 2		Right Bridge Rai	I				
Cor	ncrete and Meta	al Railing						
	ment mber Oth	Element Name er Bridge Railing		Total Qty 54	CS1 Qty 46	CS2 Qty 0	CS3 Qty 8	CS4 Qty 0 Feet
515	Ste	el Protective Coating		81	81	0	0	0 Square Feet
Elemer Numbe	Defect Tune)	Defect Description			CS	CS Qty	Maint Qty
333	Delamination/Spa		OSED REBAR UP TO D BOTTOM OF RAIL A ONS, CONDITION NEA	ND POSTS	IN	3	8	8 Feet
		SHOWN IN PHOTO		R MIDSPAR	N			
	General Commen				N			
Spa					N			
•		ts)	IR MIDSPAR	N			
Rei Elei Nui	an 3 Inforced Concre ment mber	ts ete Deck Element Name)	Total Qty	CS1 Qty	CS2 Qty 1 316	CS3 Qty 200	CS4 Qty 0 Square Feet
Rei Ele Nur 12	an 3 nforced Concre ment mber Rein	ts ete Deck Element Name nforced Concrete Deck	Deck	Total	CS1	Qty 1,316	Qty 200	Qty 0 Square Feet
Rei Eler Nur 12 Elemer Numbe	an 3 Inforced Concre Imment mber Rein Rein Rein Defect Type	ts ete Deck Element Name nforced Concrete Deck	Deck Defect Description	Total Qty 3,638	CS1 Qty 2,122	Qty 1,316 CS	Qty 200 CS Qty	Qty 0 Square Feet Maint Qty
Rein Eler Nur 12 Elemer	an 3 Inforced Concre Imment Mber Rein	ts ete Deck Element Name nforced Concrete Deck UP TO 26" X 23" Af 1/4" LONGITUDINA	Deck	Total Qty 3,638 ION WITH L	CS1 Qty 2,122 JP TO TAL	Qty 1,316	Qty 200	Qty 0 Square Feet Maint
Rei Eler 12 Elemer Numbe	an 3 Inforced Concre Imment Imber Rein Rein Rein Cracking (RC and	ts ete Deck Element Name nforced Concrete Deck UP TO 26" X 23" AF 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" AF 1/4" LONGITUDINA	Deck Defect Description REAS OF DELAMINAT	Total Qty 3,638 ION WITH L HORIZON FACE OF LI ION WITH L HORIZON	CS1 Qty 2,122 JP TO TAL EFT JP TO TAL	Qty 1,316 CS	Qty 200 CS Qty	Qty 0 Square Feet Maint Qty
Eler Nur 12 Elemer Numbe 12	an 3 Inforced Concre Imment mber Rein Rein Cracking (RC and Other) Cracking (RC and	ts Element Name nforced Concrete Deck UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 0.02" LONG	Deck Defect Description REAS OF DELAMINAT IL, TRANSVERSE AND HOUT BOTTOM AND REAS OF DELAMINAT IL, TRANSVERSE AND HOUT BOTTOM AND HOUT BOTTOM AND ITUDINAL AND TRANS UT EFFLORESCENCE	Total Qty 3,638 ION WITH L HORIZON FACE OF LI ION WITH L HORIZON FACE OF R SVERSE CF	CS1 Qty 2,122 JP TO TAL EFT JP TO TAL IGHT RACKS	Qty 1,316 CS 3	Qty 200 CS Qty 100	Qty 0 Square Feet Maint Qty 100 Square Feet
Rein Elen Nun 12 Elemer Numbe 12	an 3 inforced Concre ment mber Rein Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other)	ts Element Name nforced Concrete Deck UP TO 26" X 23" Af 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" Af 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 0.02" LONG WITH AND WITHO DECK IN VARIOUS St HAIRLINE MAP CR	Deck Defect Description REAS OF DELAMINAT IL, TRANSVERSE AND HOUT BOTTOM AND REAS OF DELAMINAT IL, TRANSVERSE AND HOUT BOTTOM AND HOUT BOTTOM AND ITUDINAL AND TRANS UT EFFLORESCENCE	Total Qty 3,638 ION WITH L HORIZON FACE OF LI HORIZON FACE OF R SVERSE CF IN BOTTOP	CS1 Qty 2,122 JP TO TAL EFT JP TO TAL IGHT RACKS M OF E IN	Qty 1,316 CS 3 3	Qty 200 CS Qty 100	Qty 0 Square Feet Maint Qty 100 Square Feet 100 Square Feet
Rein Elen Nun 12 Elemer Number 12 12	an 3 inforced Concre iment imber Rein Rein Tracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other)	ts Element Name nforced Concrete Deck UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 0.02" LONG WITH AND WITHO DECK IN VARIOUS St HAIRLINE MAP CR BOTTOM OF DECK St UP TO 0.012" LONG	Defect Description Defect Description REAS OF DELAMINAT AL, TRANSVERSE AND HOUT BOTTOM AND REAS OF DELAMINAT AL, TRANSVERSE AND HOUT BOTTOM AND ITUDINAL AND TRANS UT EFFLORESCENCE LOCATIONS ACKING WITH EFFLO (IN BAY 8 FROM BEN GITUDINAL AND TRAN UT EFFLORESCENCE	Total Qty 3,638 ION WITH L HORIZON FACE OF LI HORIZON FACE OF R SVERSE CF N BOTTOP RESCENCE T 2 TO MID	CS1 Qty 2,122 JP TO TAL EFT JP TO TAL IGHT RACKS M OF E IN SPAN RACKS	Qty 1,316 CS 3 3 2	Qty 200 CS Qty 100 100 640	Qty0Square FeetMaintQty100100Square Feet100Square Feet640Square Feet
Rein Elen Nun 12 Elenmer Number 12 12 12 12	an 3 inforced Concre ment mber Rein Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other) Efflorescence/Rus Staining Efflorescence/Rus	ete Deck Element Name nforced Concrete Deck UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 26" X 23" AI 1/4" LONGITUDINA CRACKS THROUG OVERHANG UP TO 0.02" LONG WITH AND WITHO DECK IN VARIOUS St HAIRLINE MAP CR BOTTOM OF DECK St UP TO 0.012" LONG WITH AND WITHO DECK THROUGHC St UP TO 0.012" MAP	Defect Description Defect Description REAS OF DELAMINAT AL, TRANSVERSE AND HOUT BOTTOM AND REAS OF DELAMINAT AL, TRANSVERSE AND HOUT BOTTOM AND ITUDINAL AND TRANS UT EFFLORESCENCE LOCATIONS ACKING WITH EFFLO (IN BAY 8 FROM BEN GITUDINAL AND TRAN UT EFFLORESCENCE	Total Qty 3,638 ION WITH L D HORIZON FACE OF LI ION WITH L D HORIZON FACE OF R SVERSE CF IN BOTTO RESCENCE T 2 TO MID SVERSE C IN BOTTO SVERSE C IN BOTTO SVERSE C IN BOTTO	CS1 Qty 2,122 JP TO TAL EFT JP TO TAL IGHT RACKS M OF E IN SPAN RACKS M OF	Qty 1,316 CS 3 3 2 2	Qty 200 CS Qty 100 100 640 120	Qty O Square Feet Maint Value V

Structure	e Number: <u>430236</u>			Inspect	tion Date: 04/23/2019
12	Patched Areas	(3) PATCHES UP TO 64" X 48" IN BOTTOM OF DECK IN BAYS 8 AND 9 NEAR END BENT 2, PATCH IN BAY 9 SHOWN IN PHOTO	2	50	Square Feet
12	Patched Areas	24" X 24" REPAIR IN BOTTOM OF DECK IN BAY 8 NEAR BENT 2	2	4	Square Feet

Spa	in 3	Beam 1						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Stee	el Open Girder/Beam	50	0	42	8	0	Feet
515	Stee	el Protective Coating	399	317	0	0	82	Square Feet
lemen lumbe	Dofoot Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABL ALONG WEB AND BOTTOM FLANGE HIGH IN WEB, AND 8' LONG X 11 1/2 EXTENDING FROM END OF BEAM A	UP TO 8' LON WIDE IN FLAM	G X 12"	3	8		8 Feet
107	Corrosion	50' OF SURFACE CORROSION ALON OF FLANGES IN VARIOUS LOCATIO	-	DGES	2	42		Feet
515	Effectiveness (Ste Protective Coating		IN WEB, AND 8	'LONG X	4	32	3	2 Square Feet
515	Effectiveness (Ste Protective Coating			EDGES	4	50	5	0 Square Feet

General Comments

Span 3

Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	50	0	48	2	0 Feet
515	Steel Protective Coating	399	341	0	0	58 Square Feet
mont						Maint

Elemen Numbe	Dofoot Tuno	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 10" LONG X 8" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	3	2	2	Feet
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	48		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 10" LONG X 8" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50	Square Feet
	General Comments					

Span 3

Beam 3

Plate Girder

	ment mber Steel Oj	Element Name Steel Open Girder/Beam		CS1 Qty 0	CS2 Qty 49	CS3 Qty 1	CS4 Qty 0		
515	Steel Pr	otective Coating	399	345	0	0	54	Square Feet	
Elemer Numbe	Dofact Type	Defect Desci	ription		CS	CS Qty	Maint Qty		
107	Corrosion	CORROSION WITH NO MEASURA ALONG WEB AND BOTTOM FLAN HIGH IN WEB, AND 12" LONG X 1 EXTENDING FROM END OF BEAM	GE UP TO 12" LON 1 1/2" WIDE IN FLA	NG X 6"	3	1	-	1 Feet	
107	Corrosion	50' OF SURFACE CORROSION AL OF FLANGES IN VARIOUS LOCAT		DGES	2	49		Feet	
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM FLANGE UP TO 12" LONG X 6" HI X 11 1/2" WIDE IN FLANGE EXTEM BEAM AT BENT 2	GH IN WEB, AND 1	2" LONG	4	4		4 Square Feet	
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM OF FLANGES IN VARIOUS LOCAT		EDGES	4	50	5) Square Feet	

General Comments

Beam 4

Plate Girder

Span 3

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel C	Dpen Girder/Beam	50	0	49	1	0 Feet
515	Steel F	Protective Coating	399	345	0	0	54 Square Feet
Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
407 0				OTION	2	4	4 5 4

107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	3	1	1	Feet
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	49		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50	Square Feet
	General Comments					

General Comments

Beam 5

Plate Girder

Span 3

	ment nber	Steel O	Element Name pen Girder/Beam	Total Qty 50	CS1 Qty 0	CS2 Qty 49	CS3 Qty 1	CS4 Qty 0	
515		Steel P	rotective Coating	399	345	0	0	54	Square Feet
Elemer Numbe	Dofoot '	Туре	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion		CORROSION WITH NO MEASURAI ALONG WEB AND BOTTOM FLANG HIGH IN WEB, AND 12" LONG X 11	GE UP TO 12" LON 1/2" WIDE IN FLA	NG X 6"	3	1	.,	1 Feet
107	Corrosion		EXTENDING FROM END OF BEAM 50' OF SURFACE CORROSION ALC OF FLANGES IN VARIOUS LOCATI	ONG WEB AND E	DGES	2	49		Feet

Structure	Number: <u>430236</u>			Inspec	ction Date: 04/23/2019
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 12" LONG X 6" HIGH IN WEB, AND 12" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings) General Comments	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50 Square Feet

Span 3

Beam 6

Beam 7

Plate Girder

Elen Num 107	nber	Element Name en Girder/Beam	Total Qty 50	CS1 Qty 0	CS2 Qty 50	CS3 Qty 0	CS4 Qty 0 Fee	et
515	Steel Pr	ptective Coating	399	349	0	0	50 Squ	are Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
107	Corrosion	SURFACE CORROSION ALONG V FLANGES IN VARIOUS LOCATION)F	2	50	F	eet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM OF FLANGES IN VARIOUS LOCAT		EDGES	4	50	50 \$	Square Feet

General Comments

Plate Girder

Span 3

Element	Defect Type	Defect Description			CS	CS Qtv	Maint	
515	Steel Protective Coating		399	337	0	0	62	Square Feet
107	Steel Open Girder/Beam		50	0	47	3	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Flement			Total	CS1	CS 2	CS 3	CS4	

Numbe	Defect Tune	Defect Description	CS	CS Qty	Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 16" LONG X 6" HIGH IN WEB, AND 32" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	3	3	3	Feet
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	47		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 16" LONG X 6" HIGH IN WEB, AND 32" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50	Square Feet
	General Comments					

General Comments

Span 3

Beam 8

Plate	Girder							
Eleme Numbe	er	Element Name	Total Qty 50	CS1 Qty 0	CS2 Qty 48	CS3 Qty 2	CS4 Qty	Feet
515		rotective Coating	399	337	0	0	-	Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
107 C	orrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 16" LONG X 6" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE		3	2	2	Feet	

EXTENDING FROM END OF BEAM AT BENT 2

Structure	Number: <u>430236</u>			Inspec	tion D	ate: 04/23/2019
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	48		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 16" LONG X 6" HIGH IN WEB, AND 24" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	54	54	Square Feet
	Concrel Commente					

Span 3

Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	50	0	47	3	0 Feet
515	Steel Protective Coating	399	337	12	0	50 Square Feet

Element Number	Defect Type	Defect Description	cs	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 30" LONG X 7" HIGH IN WEB AND 34" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	3	3	3	Feet
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	47		Feet
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50	Square Feet
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 30" LONG X 7" HIGH IN WEB AND 34" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	2	12	12	Square Feet

General Comments

Span 3

Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	50	0	41	9	0 Feet
515	Steel Protective Coating	399	313	0	0	86 Square Feet

Elemer Numbe	Defect Type	Defect Description	cs	CS Qty	Maint Qty	
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 7" HIGH IN WEB AND 34" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	3	3	3	Feet
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 72" LONG X 4" HIGH IN WEB, AND 70" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT END BENT 2	3	6	6	Feet
107	Corrosion	50' OF SURFACE CORROSION ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	2	41		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 24" LONG X 7" HIGH IN WEB AND 34" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTTOM FLANGE UP TO 72" LONG X 4" HIGH IN WEB, AND 70" LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT END BENT 2	4	24	24	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND EDGES OF FLANGES IN VARIOUS LOCATIONS	4	50	50	Square Feet
	General Comments					

Spa	n 3	Median Bri	idge Rail				
Con	crete Railing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty
331	Re	einforced Concrete Bridge Railing	51	0	0	51	0 Feet
Elemen Numbe	Defect Tra	De Defect Desc	cription		CS	CS Qty	Maint Qty
331	Cracking (RC ar Other)	Nd UP TO 1/16" HORIZONTAL AND I THROUGHOUT BOTH FACES OF FACE NEAR MIDSPAN SHOWN I	RAIL, CRACKS IN	RIGHT	3	51	51 Feet
-	General Comme	nts					
Spa	n 3	Near Beari	ng				
Fixe	ed Bearing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty
313	Fi	xed Bearing	1	0	0	1	0 Each
515	St	eel Protective Coating	1	0	0	0	1 Square Feet

Eleme Numbe	Defect Turne	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAM 1 BEARING	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING	4	1	1	Square Feet
	General Comments					

Span 3

Far Bearing

Movable Bearing

Elen Nun 311		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	St	eel Protective Coating	1	0	0	0	1 Square Feet
Elemen Number	Dofoot Typ	De Defect Desc	ription		CS	CS Qty	Maint Qty
311	Corrosion	SURFACE CORROSION THROUG	GHOUT BEAM 1 BEA	ARING	2	1	Each
515	Effectiveness (S Protective Coati		THROUGHOUT BE	AM 1	4	1	1 Square Feet

General Comments

Span 3

Near Bearing

Fixed Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAM	A 2 BEARING		3	1		1 Each

Spa	n 3	Far Bearing						
Mov	able Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofact Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION THROUGH	OUT BEAM 2 BEA	ARING	2	1	-	Each
515	Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 Protective Coatings) BEARING		AM 2	3	1		1 Square Feet	
	General Comments							

Spa	an 3		Near Beari	ng					
Fix	ed B	earing							
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	earing	1	0	0	1	0	Each
515		Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Eleme Numb		Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Cor	rosion	CORROSION THROUGHOUT BE	AM 3 BEARING		3	1	-	1 Each
515		ectiveness (Steel tective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 3	4	1		1 Square Feet
	Gene	eral Comments							

Span 3

Far Bearing

Movable Bearing

Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION THROUG	GHOUT BEAM 3 BEA	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 3	3	1		1 Square Feet

General Comments

3	pa	n :	5

Near Bearing

Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
313	Corrosion	CORROSION THROUGHOUT BEAM 4 BEARING	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING	4	1	1 Square Feet
	General Comments				

	Far Bearing	9					
le Bearing							
t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
rrosion	SURFACE CORROSION THROUG	GHOUT BEAM 4 BE	ARING	2	1	-	Each
ectiveness (Steel otective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 4	3	1		1 Square Feet
	le Bearing t Movable Steel Pro Defect Type rrosion ectiveness (Steel	le Bearing t T Element Name Movable Bearing Steel Protective Coating Defect Type Pefect Desc rrosion SURFACE CORROSION THROUC ectiveness (Steel DETERIORATED PAINT SYSTEM	t Element Name Qty Movable Bearing 1 Steel Protective Coating 1 Defect Type Defect Description rrosion SURFACE CORROSION THROUGHOUT BEAM 4 BEA ectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BE	Le Bearing Total CS1 t Element Name Qty Qty Movable Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description 1 rrosion SURFACE CORROSION THROUGHOUT BEAM 4 BEARING ectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4	t Element Name Qty Qty Qty Movable Bearing 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS rrosion SURFACE CORROSION THROUGHOUT BEAM 4 BEARING 2 ectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 3	Le Bearing Total Qty Qty Qty Qty Qty Qty Qty Qty Movable Bearing 1 1 0 1 0 Steel Protective Coating 1 0 0 1 0 Defect Type Defect Description CS CS Qty CS Qty rrosion SURFACE CORROSION THROUGHOUT BEAM 4 BEARING 2 1 1 ectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 3 1	Le Bearing Total CS1 CS2 CS3 CS4 t Element Name Qty Qty<

Spa	n 3	Near Beari	ng					
Fixe	d Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	= '
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	sion CORROSION THROUGHOUT BEAM 5 BEARING			3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	I THROUGHOUT BE	AM 5	4	1		1 Square Feet
-	Protective Coatings)	BEARING						

General Comments

Far Bearing

Move	shla	Bear	ina
IVIOV	able	Deal	ma

Span 3

Element Total CS1 CS2 CS3 CS4 Qty Number **Element Name** Qty Qty Qty Qty 311 Movable Bearing 0 0 0 Each 1 1 515 Steel Protective Coating 0 0 0 Square Feet 1 1 Element Maint **Defect Description** CS CS Qty Defect Type Number Qty SURFACE CORROSION THROUGHOUT BEAM 5 BEARING 2 311 Corrosion Each 1 515 Effectiveness (Steel Protective Coatings) DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING 3 1 1 Square Feet **General Comments**

Span 3

Fixed	Bearing
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	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Be	earing	1	0	1	0	0 Each
515	Steel Pr	Steel Protective Coating		0	0	0	1 Square Feet
Elemer Numbe	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty
313	Corrosion	SURFACE CORROSION THROUGHO	UT BEAM 6 BE	ARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THE BEARING	ROUGHOUT BE	AM 6	4	1	1 Square Feet
	General Comments						

Span 3

Far Bearing

Movable Bearing

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desci	iption		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 6 BEA	RING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 6	3	1		1 Square Feet
-	General Comments							

Span 3

Near Bearing

Fixed Bearing

nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Fixed B	earing	1	0	0	1	0 Each
Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
Corrosion	CORROSION THROUGHOUT BEA	M 7 BEARING		3	1	1 Each
Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BEA	AM 7	4	1	1 Square Fee
	ber Fixed B Steel Pr Defect Type Corrosion Effectiveness (Steel	ber Element Name Fixed Bearing Steel Protective Coating Defect Type Defect Descr Corrosion CORROSION THROUGHOUT BEA Effectiveness (Steel DETERIORATED PAINT SYSTEM	Element Name Qty Fixed Bearing 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 7 BEARING Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEA	Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 7 BEARING Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7	Element Name Qty Qty Qty Fixed Bearing 1 0 0 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion CORROSION THROUGHOUT BEAM 7 BEARING 3 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7 4	Element Name Qty Qty Qty Qty Qty Fixed Bearing 1 0 0 1 Steel Protective Coating 1 0 0 0 Defect Type Defect Description CS CS Qty Corrosion CORROSION THROUGHOUT BEAM 7 BEARING 3 1 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 7 4 1

General Comments

Span 3

Far Bearing

Movable Bearing

	0							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 7 BEA	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM	THROUGHOUT BE	AM 7	3	1		1 Square Feet

Spa	n 3	Near Bearin	g					
Fixe	d Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Iement Number	Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAI	M 8 BEARING		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM 1 BEARING	THROUGHOUT BE	AM 8	4	1		1 Square Feet
Ī	General Comments							

Sp	an 3		Far E	Bearing						
Мо	vable	e Bearing								
	ement Imber		Element Name	To Q	al ty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	0	1	0	Square Feet
Eleme Numb		Defect Type	Defe	ct Description			CS	CS Qty	Maint Qty	
311	Cori	rosion	SURFACE CORROSION	HROUGHOUT BEAM	8 BE/	ARING	2	1		Each
515		ctiveness (Steel ective Coatings)	DETERIORATED PAINT S BEARING	YSTEM THROUGHO	JT BE	AM 8	3	1		1 Square Feet
	Gene	eral Comments								

Span 3

Near Bearing

Fixed Bearing

	J							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Number	- Dofoot Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BEAI	M 9 BEARING		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM 1 BEARING	THROUGHOUT BE	AM 9	4	1		1 Square Feet
-	Conoral Commonts							

General Comments

Span 3

Far Bearing

Movable Bearing

Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>430236</u>			Inspe	ction Date: 04/23/2019
311	Corrosion	SURFACE CORROSION THROUGHOUT BEAM 9 BEARING	2	1	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 9 BEARING	3	1	1 Square Feet
	General Comments				
Spa	an 3	Near Bearing			

			•					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	0	1	0	Each
515	Stee	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION THROUGHOUT BE	AM 10 BEARING		3	1	-	1 Each
515	Effectiveness (Stee Protective Coating		I THROUGHOUT BEA	M 10	4	1		1 Square Feet
	Concrol Commont							

Far Bearing

Movable Bearing

Span 3

ment mber Movable	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
Wovable	Dearing	I.	0	0		0	Laci
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
nt Pr Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
Corrosion	CORROSION THROUGHOUT BEAM PHOTO)	10 BEARING (SE	E	3	1		1 Each
Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM TH BEARING	IROUGHOUT BEA	AM 10	4	1		1 Square Feet
	mber Movable Steel Pro tr Defect Type Corrosion Effectiveness (Steel	Element Name Movable Bearing Steel Protective Coating Defect Type Defect Descrip Corrosion CORROSION THROUGHOUT BEAM PHOTO) Defect Descrip	Index Element Name Qty Movable Bearing 1 Steel Protective Coating 1 It Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 10 BEARING (SE PHOTO) Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEA	Index Element Name Qty Qty Movable Bearing 1 0 Steel Protective Coating 1 0 It Defect Type Defect Description Corrosion CORROSION THROUGHOUT BEAM 10 BEARING (SEE PHOTO) Effectiveness (Steel Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10	Index Element Name Qty Qty Qty Movable Bearing 1 0 0 Steel Protective Coating 1 0 0 It Defect Type Defect Description CS Corrosion CORROSION THROUGHOUT BEAM 10 BEARING (SEE PHOTO) 3 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10 4	Index Element Name Qty Qty Qty Qty Qty Movable Bearing 1 0 0 1 Steel Protective Coating 1 0 0 0 It Defect Type Defect Description CS CS Qty Corrosion CORROSION THROUGHOUT BEAM 10 BEARING (SEE 3 1 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10 4 1	Index Element Name Qty Steel Protective Coating 1 0 0 0 1 0 0 0 1 0 It Defect Type Defect Description CS CS Qty Maint Qty Corrosion CORROSION THROUGHOUT BEAM 10 BEARING (SEE PHOTO) 3 1 1 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 10 4 1

General Comments

Expansion Joint 3

Compression Seal

Span 3

Elen Num 302	nber	Element Name ession Joint Seal	Total Qty 83	CS1 Qty 81	CS2 Qty 0	CS3 Qty 2	CS4 Qty 0 Feet
Element Number	Defect Tune	Defect Desci	ription		CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	14" X 6" AREA OF CRACKED AND ALONG BENT 2 JOINT ALONG CE EASTBOUND LANES (SEE PHOTO	NTERLINE OF	EADER	3	2	2 Feet

General Comments

Span 3		Wearing Surface					
Concret	e Wearing Surface						
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface		3,366	1,716	0	1,650	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty

Structure Number: 430236

510 Crack (Wearing Surface)

UP TO 1/16" DIAGONAL, LONGITUDINAL AND TRANSVERSE CRACKS IN VARIOUS LOCATIONS, CRACKS IN INSIDE EASTBOUND LANE AT BENT 3 JOINT SHOWN IN PHOTO

1,650 Square Feet 1,650

3

	-	
General Comments		

Span	3	Left E	Bridge Rail					
Conc	rete and Metal F	Railing						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	51	47	4	0	0 Feet	
515	Steel P	rotective Coating	75	75	0	0	0 Square Feet	
Element Number	Defect Type	Defe	ct Description		CS	CS Qty	Maint Qty	
333 [Delamination/Spall		REBAR UP TO 3" X 3" X 1" STS IN VARIOUS LOCATION		2	4	4 Feet	

General Comments

Span 3

Right Bridge Rail

Concrete and Metal Railing CS1 CS2 CS3 CS4 Element Total Qty Number **Element Name** Qty Qty Qty Qty 333 Other Bridge Railing 51 46 0 5 0 Feet 515 Steel Protective Coating 75 75 0 0 0 Square Feet Element Maint ۲e - - -- - -.... orinti <u>____</u>

Numbe	r Defect Type	Defect Description	CS	CS Qty	Qty
333	Delamination/Spall	SPALLS WITH EXPOSED REBAR UP TO 17" X 5" X 4" DEEP IN BACK FACE AND BOTTOM OF RAIL AND POSTS IN VARIOUS LOCATIONS	3	5	5 Feet

General Comments

End Bent 1

Abutment

Reinforced Concrete Abutment

Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
215	Reinfo	rced Concrete Abutment	79	52	25	2	0 Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty
215 F	Patched Area	FAILED PATCH WITH UP TO 34" DELAMINATION IN FACE OF CU BEAM 8 (SEE PHOTO)		GHT OF	3	2	2 Feet
215 F	Patched Area	UP TO 32" X 16" PATCHES IN FA VARIOUS LOCATIONS, CONDIT PHOTO			2	25	Feet

General Comments

End Ber	nt 1	Cap 1								
Reinforced Concrete Pier Cap										
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
234	Reinforced Concrete Pier Cap		85	57	0	28	0 Feet			
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty			

Structure	Number: <u>430236</u>			Inspe	ection Date: 04/23/2019
234	Cracking (RC and Other)	72" X 11" X 8" AREA OF DELAMINATION WITH UP TO 3/16" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN TOP AND FACE OF CAP BENEATH BAYS 8 AND 9	3	15	15 Feet
234	Cracking (RC and Other)	UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN FACE OF CAP BENEATH BAY 1 (SEE PHOTO)	3	6	6 Feet
234	Cracking (RC and Other)	UP TO 3/16" TRANSVERSE AND VERTICAL CRACKS IN FACE OF CAP BENEATH BAY 4	3	7	7 Feet
	Osmanal Commente				

General Comments

Bent 1

Cap 1

Reinforced Concrete Pier Cap

	nent nber Reinfor	Element Name ced Concrete Pier Cap	Total Qty 79	CS1 Qty 28	CS2 Qty 0	CS3 Qty 51	CS4 Qty 0 F	eet
Elemen	it Defect Type	Defect Description			CS	CS Qty	Maint	
234	Cracking (RC and Other)	(2) SPALLS WITH EXPOSED REBAR UF DEEP WITH 32" X 32" AREA OF DELAM 1/8" MAP CRACKING IN SPAN 1 FACE ((SEE PHOTO)	INATION ANI	D UP TO	3	1		Feet
234	Cracking (RC and Other)	42" X 36" AREA OF DELAMINATION IN S WITH UP TO 1/16" HORIZONTAL CRAC WITHOUT EFFLORESCENCE IN BOTH BEAM 7 AND BAY 7	KS WITH AN	ID	3	10	10	Feet
234	Cracking (RC and Other)	58" X 6" X 4" AREA OF DELAMINATION LONGITUDINAL AND HORIZONTAL CR/ SPAN 2 FACE OF CAP BENEATH BAY 4	ACKS IN TOP		3	5	5	Feet
234	Cracking (RC and Other)	PAR: UP TO 8' X 30" X 3" DEEP SPALLS REBAR, 13' X 6" AREAS OF DELAMINAT DIAGONAL AND HORIZONTAL CRACKS BOTH FACES OF CAP BENEATH BAY 2	TION AND UP S IN BOTTOM	P TO 1/2" 1 AND	3	13	13	Feet
234	Cracking (RC and Other)	UP TO 1/16" DIAGONAL AND HORIZON SPAN 2 FACE OF CAP AT LEFT END (S		S IN	3	2	2	Feet
234	Delamination/Spall	PAR: UP TO 64" X 42" X 3" DEEP SPALL REBAR, 16' X 24" AREAS OF DELAMINA 1/2" LONGITUDINAL, TRANSVERSE, DI. HORIZONTAL CRACKS IN TOP, BOTTO BOTH FACES OF CAP FROM BENEATH END (SEE PHOTOS)	ATION AND L AGONAL ANI M, RIGHT EN	IP TO 1 D ND AND	3	20	20	Feet

General Comments

Bent 1	I	Pile 1						
Reinfo	orced Concrete	Column						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0	Each
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
205 D	elamination/Spall	PAR: 65" X 12" X 3" SPALL WITH NORTHWEST CORNER OF COL APPROXIMATELY 2' FROM GRO	UMN, BEGINNING		3	1	(6 Each

General Comments

Bent 1

Reinforced Concrete Column

	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	0	1	0 Each
Elemen Numbe	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	52" X 8" AREA OF DELAMINATION W VERTICAL CRACKS IN SPAN 1 FACE EXTENDING FROM BOTTOM OF CA	OF COLUMN		3		Each
205	Cracking (RC and Other)	UP TO 1/8" VERTICAL CRACKS IN AI EXTENDING FROM BOTTOM OF CA		LUMN	3		Each
205	Delamination/Spall	PAR: 96" X 8" X 7" SPALL WITH EXPO SOUTHEAST CORNER OF COLUMN BOTTOM OF CAP (SEE PHOTO)		ОМ	3	1	8 Each

General Comments

Bent 1	
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Bent 2

Pile 5

Reinforced Concrete Column

Eleme Numbe 205	er	Element Name ced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
205 D	elamination/Spall	PAR: (3) SPALLS WITH EXPOSED 10" IN NORTHWEST CORNER, SO RIGHT FACE OF COLUMN EXTEN CAP (SEE PHOTO)	OUTHWEST CORNE	ER AND	3	1	-	5 Each

General Comments

Cap 1

Reinforced Concrete Pier Cap

	ement Imber Element Name Reinforced Concrete Pier Cap		Total Qty 79	CS1 Qty 25	CS2 Qty 3	CS3 Qty 51	CS4 Qty 0 Fe	eet
Elemen Numbe	Defeet Trues	Defect Description			CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	10' X 24" AREA OF DELAMINATION WITH TRANSVERSE AND LONGITUDINAL CRAC AND BOTH FACES OF CAP BETWEEN CC	CKS IN BO	ттом	3	10	10	Feet
234	Cracking (RC and Other)	44" X 8" AREA OF DELAMINATION WITH U HORIZONTAL CRACKS IN SPAN 2 FACE (BEAM 1 (SEE PHOTO)			3	4	4	Feet
234	Cracking (RC and Other)	UP TO 1/16" HORIZONTAL AND VERTICA AND SPAN 2 FACES OF CAP AT LEFT EN		IN LEFT	3	2	2	Feet
234	Cracking (RC and Other)	UP TO 15' X 24" AREAS OF DELAMINATIC 1/16" TRANSVERSE AND LONGITUDINAL BOTTOM AND BOTH FACES OF CAP BET 2 AND 3	CRACKS I	N	3	15	15	Feet
234	Delamination/Spall	PAR: 125" X 30" X 30" AREA OF DELAMIN. 1/2" LONGITUDINAL AND HORIZONTAL C 26" X 4" DEEP SPALL WITH EXPOSED RE AND BOTH FACES OF CAP TO RIGHT OF PHOTO)	RACKS AN BAR IN BC	ID 7' X DTTOM	3	11	11	Feet
234	Exposed Rebar	PAR: 103" X 33" X 30" AREA OF DELAMIN. 1/2" VERTICAL AND HORIZONTAL CRACH 5" DEEP SPALL WITH EXPOSED REBAR CAP EXTERIOR FROM RIGHT END TO BE (SEE PHOTOS)	(S AND 33' THROUGH	' X 30" X OUT	3	9	9	Feet

234 Delamination/Spall

(3) AREAS OF DELAMINATION UP TO 12" DIAMETER IN BOTTOM OF CAP BETWEEN COLUMNS 3 AND 4

3 Feet

3

2

General Comments

Bent	t 2	Pile 1						
Rein	forced Concrete	Column						
Elem			Total	CS1	CS2	CS3	CS4	
Num		Element Name	Qty	Qty	Qty	Qty	Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 Each	
Element Number	Defe of Trues	Defect Desci	ription		CS	CS Qty	Maint Qty	
	Cracking (RC and Other)	54" X 7" X 4" AREA OF DELAMINA VERTICAL CRACK IN NORTHWES EXTENDING FROM BOTTOM OF (ST CORNER OC CO		3	1	5 Each	_
G	General Comments							
Bent	t 2	Pile 5						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205			હાપ્ર	QUY	QUY			
Element Defect Turns		ced Concrete Column	1	0	0	1	0 Each	
		ced Concrete Column Defect Desci	·	0	° cs	•	•	
Element Number 205			ription TION WITH UP TO EST CORNER OF C	1/8"		1	0 Each	
Element Number 205	Defect Type Cracking (RC and	Defect Desci 44" X 5" X 4" AREA OF DELAMINA VERTICAL CRACKS IN SOUTHWE	ription TION WITH UP TO EST CORNER OF C CAP EXPOSED REBAR I	1/8" OLUMN N	cs	1	0 Each Maint Qty	
Element Number 205 205	Defect Type Cracking (RC and Other)	Defect Desci 44" X 5" X 4" AREA OF DELAMINA VERTICAL CRACKS IN SOUTHWE EXTENDING FROM BOTTOM OF 0 PAR: 66" X 13" X 6" SPALL WITH E SOUTHEAST CORNER OF COLUM	ription TION WITH UP TO EST CORNER OF C CAP EXPOSED REBAR I	1/8" OLUMN N	CS 3	1 CS Qty	0 Each Maint Qty Each	
Element Number 205 205	Defect Type Cracking (RC and Other) Delamination/Spall	Defect Desci 44" X 5" X 4" AREA OF DELAMINA VERTICAL CRACKS IN SOUTHWE EXTENDING FROM BOTTOM OF 0 PAR: 66" X 13" X 6" SPALL WITH E SOUTHEAST CORNER OF COLUM	ription TION WITH UP TO EST CORNER OF C CAP EXPOSED REBAR I	1/8" OLUMN N	CS 3	1 CS Qty	0 Each Maint Qty Each	_

Reinforced Concrete Pier Cap

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	85	58	4	23	0	Feet
Elemen Numbe	Dofact Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	48" X 15" AREA OF DELAMINATIO TRANSVERSE AND HORIZONTA MAP CRACKING IN TOP AND FA	L CRACKS AND HA	IRLINE	3	6	6	6 Feet
234	Cracking (RC and Other)	96" X 5" X 4" AREA OF DELAMIN/ HORIZONTAL CRACK IN TOP AN BAY 7 AND BEAM 8			3	8	8	B Feet
234	Cracking (RC and Other)	UP TO 1/16" HORIZONTAL CRAC BENEATH BEAM 9	K IN FACE OF CAP		3	3	3	B Feet
234	Delamination/Spall	PAR: 60" X 15" X 3" SPALL WITH AND FACE OF CAP BENEATH BA		IN TOP	3	6	6	6 Feet
234	Cracking (RC and Other)	UP TO 0.025" VERTICAL CRACKS VARIOUS LOCATIONS	S IN FACE OF CAP	IN	2	4		Feet
	General Comments							

Structure Number: 430236 Approach 1

Prestressed Concrete Approach Slab

		••							
	Element Number Defect Type 320 Cracking (PSC) General Comments			Total Qty	CS1 Qty			CS4 Qty	
320	Prestre	ssed Concrete Approach Slab	1,020	510	0	510	0 S	quare Feet	
	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty		
320	Cracking (PSC)				3	510	510	Square Feet	
	General Comments								
Арр	roach 2	Approach 2							
Pres	stressed Concret	e Approach Slab							
	NumberElement NameQtyQtyQtyQtyQtyQtyQty320Prestressed Concrete Approach Slab1,02051005100Square Fement mberDefect TypeDefect DescriptionCSCSCS QtyMaint Qty20Cracking (PSC)UP TO 1/16" DIAGONAL, LONGITUDINAL AND TRANSVERSE CRACKS IN TOP OF SLAB IN VARIOUS LOCATIONS3510510SquareApproach 2Prestressed Concrete Approach SlabElement NumberApproach 2Approach 2CS1CS2CS3CS4320Prestressed Concrete Approach Slab1,02051005100Square FeImment ment mberDefect TypeDefect DescriptionCSCS2CS3CS4Maint qtyQtyQtyQtyQtyQtyQtyQtyQty320Prestressed Concrete Approach Slab1,02051005100Square Fement mberDefect TypeDefect DescriptionCSCS QtyMaint Qty								
320	Prestre	ssed Concrete Approach Slab	1,020	510	0	510	0 S	quare Feet	
Elemen Number	Defect Type	Defect Descript	ion		CS	CS Qty			
320	Cracking (PSC)	,			3	510	510	Square Feet	

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2925
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	40
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	41
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	41
Span 1	Median Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	41
Span 1	Expansion Joint 1	Compression Seal	Compression Joint Seal	83
Span 1	Wearing Surface	Concrete Wearing Surface	Wearing Surface	2706
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3852
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	54
-		Plate Girder	Steel Open Girder/Beam	54
Span 2 Span 2	Beam 2 Beam 3	Plate Girder	Steel Open Girder/Beam	54
Span 2			· ·	54
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	-
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	54
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	54
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	54
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	54

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	54
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	54
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	54
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	54
Span 2	Median Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	54
Span 2	Expansion Joint 2	Compression Seal	Compression Joint Seal	83
Span 2	Wearing Surface	Concrete Wearing Surface	Wearing Surface	3564
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3638
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	50
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 3	Median Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 3	Expansion Joint 3	Compression Seal	Compression Joint Seal	83
Span 3	Expansion Joint 4	Compression Seal	Compression Joint Seal	83
Span 3	Wearing Surface	Concrete Wearing Surface	Wearing Surface	3366
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	79
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	85
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	79
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	79
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	85
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	79

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 430236

Inspection Date: 04/23/2019

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0-9, N	5
Item 59: Superstructure	0 - 9 , N	5
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	N
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	N
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

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		N		
Drift	G, F, P, or C		0	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	F		
Estimated Remaining Life	0 - 100 Years			
Superstructure Paint Code		Α		

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	Y
Inspection Time	Hours	22
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	Ν

National Bridge and NC SMU Inspection Item Details

ltem	Deck - Item 58	Grade	5	Maint Code	Qty.	0	
Details	PAR: 42" LONG SPALLED AREA WITH EX PHOTO)	POSED REBAR IN RIG	GHT /	APPROACH RAIL AT EI	ND BENT 1	JOINT (S	EE
	UP TO 0.05" TRANSVERSE AND VERTICA CRACK IN SPAN 1 LEFT CURB APPROXII					ATIONS,	
ltem	Superstructure - Item 59	Grade	5	Maint Code	Qty.	0	
Details	UP TO FULL WIDTH X FULL HEIGHT SPA DIAPHRAGMS IN BAYS 2, 5 AND 7 THRU		REBA	R IN BOTTOM AND FA	CES OF BE	ENT 1	
	UP TO 60" X 6" X 5" SPALLS WITH EXPOS THRU 9, CONDITION IN SPAN 3 FACE IN			ND FACES OF BENT 2	DIAPHRAG	MS IN BA	YS
ltem	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0	
Details	APPROACH 1 RIGHT RAIL SPAN 1 DECK SPAN 2 DECK (x3)						
	SPAN 1 BEAM 1						
	BENT 1 COLUMN 1 BENT 1 COLUMN 4 BENT 1 COLUMN 5 BENT 2 COLUMN 5						
	BENT 1 CAP (x2) BENT 2 CAP (x2) END BENT 2 CAP						
		Grade					

Details VIBRATION UNDER VEHICLE LOAD

Date: 04/23/2019



Span 1 Beam 1: PAR: CORROSION ALONG WEB AND BOTH FLANGES UP TO 45" LONG X 14" HIGH DOWN TO 1/4" RESIDUAL WEB, 42" LONG X 6" WIDE WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE, AND 46" LONG X 6" WIDE DOWN TO 1/4" RESIDUAL BOTTOM FLANGE EXTENDING FROM END OF BEAM AT END BENT 1, CONDITION ON LEFT SIDE SHOWN

Date: 04/23/2019



Span 1 Deck: 26" X 11" X 2" DEEP SPALL IN BOTTOM OF DECK TO LEFT OF BEAM 1 AT END BENT 1



End Bent 1 Cap 1: UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN FACE OF CAP BENEATH BAY 1

Date: 04/23/2019



Span 1 Deck: 12" X 6" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR AND 40" X 17" AREA OF DELAMINATION IN BOTTOM OF DECK IN BAY 4, APPROXIMATELY 8' FROM END BENT 1

Date: 04/23/2019

Condition Photos



Span 1 Deck: 20' X 78" FAILED PATCH WITH UP TO 0.02" LONGITUDINAL AND TRANSVERSE CRACKS WITH EFFLORESCENCE IN BOTTOM OF DECK IN BAY 8, EXTENDING FROM BENT 1, CONDITION APPROXIMATELY 15' FROM BENT 1 SHOWN

Date: 04/23/2019

Condition Photos



Span 1 Deck: PAR: (6) SPALLS WITH EXPOSED LONGITUDINAL AND TRANSVERSE REBAR UP TO 48" X 24" X 3" DEEP AND AREAS OF DELAMINATION UP TO 60" X 24" ALONG RIGHT OVERHANG, CONDITION APPROXIMATELY 15' FROM BENT 1 SHOWN

Date: 04/23/2019



Span 1 Deck: PAR: (6) SPALLS WITH EXPOSED LONGITUDINAL AND TRANSVERSE REBAR UP TO 48" X 24" X 3" DEEP AND AREAS OF DELAMINATION UP TO 60" X 24" ALONG RIGHT OVERHANG, CONDITION APPROXIMATELY 13' FROM END BENT 1 SHOWN

Date: 04/23/2019



Span 1 Deck: AREAS OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE IN BOTTOM OF DECK IN VARIOUS LOCATIONS, CRACKS IN BAY 2 APPROXIMATELY 17' FROM END BENT 1 SHOWN



End Bent 1 Abutment/Backwall: FAILED PATCH WITH UP TO 34" X 21" AREA OF DELAMINATION IN FACE OF CURTAIN WALL TO RIGHT OF BEAM 8

Date: 04/23/2019



End Bent 1 Abutment/Backwall: UP TO 32" X 16" PATCHES IN FACE OF CURTAIN WALL IN VARIOUS LOCATIONS, CONDITION IN BAY 6 SHOWN



Span 1 Beam 9 Near Bearing: SURFACE CORROSION THROUGHOUT BEAM 9 BEARING

Date: 04/23/2019



Span 1 Deck: UP TO 0.016" TRANSVERSE CRACKS WITH EFFLORESCENCE AND FAILED SEALED CRACKS IN BOTTOM OF DECK IN BAY 1, CONDITION APPROXIMATELY 6' FROM END BENT 1 SHOWN



Bent 1 Pile 1: PAR: 65" X 12" X 3" SPALL WITH EXPOSED REBAR IN NORTHWEST CORNER OF COLUMN, BEGINNING APPROXIMATELY 2' FROM GROUND LINE

Date: 04/23/2019



Bent 1 Pile 4: PAR: 96" X 8" X 7" SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER OF COLUMN EXTENDING FROM BOTTOM OF CAP



Bent 1 Pile 4: 52" X 8" AREA OF DELAMINATION WITH UP TO 1/4" VERTICAL CRACKS IN SPAN 1 FACE OF COLUMN EXTENDING FROM BOTTOM OF CAP

Date: 04/23/2019

Condition Photos



Bent 1 Pile 5: PAR: (3) SPALLS WITH EXPOSED REBAR UP TO 60" X 10" X 10" IN NORTHWEST CORNER, SOUTHWEST CORNER AND RIGHT FACE OF COLUMN EXTENDING FROM BOTTOM OF CAP



Span 2 Deck: PAR: (4) AREAS OF DELAMINATION UP TO 24" X 24" IN BOTTOM OF LEFT OVERHANG ABOVE ROADWAY

Date: 04/23/2019



Span 2 Deck: PAR: 26" X 24" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG, APPROXIMATELY 6' FROM BENT 1



Span 2 Deck: PAR: FAILED REPAIR AND (2) AREAS OF DELAMINATION UP TO 36" X 22" IN BOTTOM OF RIGHT OVERHANG ABOVE ROADWAY

Date: 04/23/2019

Condition Photos



Bent 2 Pile 5: PAR: 66" X 13" X 6" SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER OF COLUMN EXTENDING FROM BOTTOM OF CAP



Span 3 Deck: (3) PATCHES UP TO 64" X 48" IN BOTTOM OF DECK IN BAYS 8 AND 9 NEAR END BENT 2, PATCH IN BAY 9 SHOWN

Date: 04/23/2019



Span 3 Beam 10 Far Bearing: CORROSION THROUGHOUT BEAM 10 BEARING



End Bent 2 Cap 1: PAR: 60" X 15" X 3" SPALL WITH EXPOSED REBAR IN TOP AND FACE OF CAP BENEATH BAY

Date: 04/23/2019



Span 3 Median Bridge Rail: UP TO 1/16" HORIZONTAL AND MAP CRACKING THROUGHOUT BOTH FACES OF RAIL, CRACKS IN RIGHT FACE NEAR MIDSPAN SHOWN



Expansion Joint 3: 14" X 6" AREA OF CRACKED AND BROKEN DECK HEADER ALONG BENT 2 JOINT ALONG CENTERLINE OF EASTBOUND LANES

Date: 04/23/2019

Condition Photos



Span 3 Wearing Surface: UP TO 1/16" DIAGONAL, LONGITUDINAL AND TRANSVERSE CRACKS IN VARIOUS LOCATIONS, CRACKS IN INSIDE EASTBOUND LANE AT BENT 3 JOINT SHOWN



Span 1 Median Bridge Rail: MISSING CONNECTION PLATE ALONG RIGHT FACE OF MEDIAN RAIL AT BENT 1 JOINT

Date: 04/23/2019

Condition Photos



PAR: 42" LONG SPALLED AREA WITH EXPOSED REBAR IN RIGHT APPROACH RAIL AT END BENT 1 JOINT

Date: 04/23/2019

Condition Photos



Span 1 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 18" X 5" X 2" DEEP IN BACK FACE AND BOTTOM OF RAIL AND POSTS IN VARIOUS LOCATIONS, CONDITION APPROXIMATELY 10' FROM END BENT 1 JOINT SHOWN

Date: 04/23/2019

Condition Photos



Span 2 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 17" X 4" X 4" DEEP IN BACK FACE AND BOTTOM OF RAIL AND POSTS IN VARIOUS LOCATIONS, CONDITION NEAR MIDSPAN SHOWN



UP TO 0.05" TRANSVERSE AND VERTICAL CRACKS IN TOP AND FACE OF CURBS IN VARIOUS LOCATIONS, CRACK IN SPAN 1 LEFT CURB APPROXIMATELY 5' FROM BENT 1 JOINT SHOWN

Date: 04/23/2019



Bent 2 Cap 1: 44" X 8" AREA OF DELAMINATION WITH UP TO 1/16" HORIZONTAL CRACKS IN SPAN 2 FACE OF CAP BENEATH BEAM 1

Date: 04/23/2019

Condition Photos



Span 2 Beam 1: CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG WEB AND BOTTOM FLANGE UP TO 16' LONG X 14" HIGH IN WEB, AND 16' LONG X 11 1/2" WIDE IN FLANGE EXTENDING FROM END OF BEAM AT BENT 2, CONDITION ON LEFT SIDE SHOWN

Date: 04/23/2019



UP TO 60" X 6" X 5" SPALLS WITH EXPOSED REBAR IN BOTTOM AND FACES OF BENT 2 DIAPHRAGMS IN BAYS 2 THRU 9, CONDITION IN SPAN 3 FACE IN BAY 8 SHOWN

Date: 04/23/2019

Condition Photos



Bent 2 Cap 1: PAR: 103" X 33" X 30" AREA OF DELAMINATION WITH UP TO 1/2" VERTICAL AND HORIZONTAL CRACKS AND 33" X 30" X 5" DEEP SPALL WITH EXPOSED REBAR THROUGHOUT CAP EXTERIOR FROM RIGHT END TO BENEATH BAY 9, CONDITION IN SPAN 2 SHOWN

Date: 04/23/2019

Condition Photos



Bent 2 Cap 1: PAR: 103" X 33" X 30" AREA OF DELAMINATION WITH UP TO 1/2" VERTICAL AND HORIZONTAL CRACKS AND 33" X 30" X 5" DEEP SPALL WITH EXPOSED REBAR THROUGHOUT CAP EXTERIOR FROM RIGHT END TO BENEATH BAY 9, CONDITION IN SPAN 3 FACE SHOWN

Date: 04/23/2019

Condition Photos



Bent 2 Cap 1: PAR: 125" X 30" X 30" AREA OF DELAMINATION WITH UP TO 1/2" LONGITUDINAL AND HORIZONTAL CRACKS AND 7' X 26" X 4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND BOTH FACES OF CAP TO RIGHT OF COLUMN 4



Bent 1 Cap 1: UP TO 1/16" DIAGONAL AND HORIZONTAL CRACKS IN SPAN 2 FACE OF CAP AT LEFT END



Bent 1 Cap 1: (2) SPALLS WITH EXPOSED REBAR UP TO 7" X 3" X 1" DEEP WITH 32" X 32" AREA OF DELAMINATION AND UP TO 1/8" MAP CRACKING IN SPAN 1 FACE OF CAP AT LEFT END

Condition Photos

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 8' X 30" X 3" DEEP SPALLS WITH EXPOSED REBAR, 13' X 6" AREAS OF DELAMINATION AND UP TO 1/2" DIAGONAL AND HORIZONTAL CRACKS IN BOTTOM AND BOTH FACES OF CAP BENEATH BAY 2, CONDITION IN BOTTOM SHOWN

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 8' X 30" X 3" DEEP SPALLS WITH EXPOSED REBAR, 13' X 6" AREAS OF DELAMINATION AND UP TO 1/2" DIAGONAL AND HORIZONTAL CRACKS IN BOTTOM AND BOTH FACES OF CAP BENEATH BAY 2, CONDITION IN SPAN 1 FACE SHOWN

Date: 04/23/2019

Condition Photos



Span 2 Beam 10 Near Bearing: LESS THAN 1% LOSS OF BEARING AREA BENEATH BEAM 10 BEARING

Structure: 430236

County: HAYWOOD

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END, CONDITION IN SPAN 2 FACE BENEATH BEAM 8 SHOWN

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END, CONDITION IN SPAN 2 FACE BENEATH BAY 9 SHOWN

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END, CONDITION IN SPAN 2 FACE BENEATH BEAM 10 SHOWN

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END, CONDITION IN RIGHT FACE SHOWN

Date: 04/23/2019

Condition Photos



Bent 1 Cap 1: PAR: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END, CONDITION IN SPAN 2 FACE SHOWN

Date: 04/23/2019

Structure Photos



END BENT 1, END BENT 2 SIMILAR



BEAM 3 BEARING AT END BENT 2, OTHERS SIMILAR AT END BENTS

Structure: 430236

County: HAYWOOD

Date: 04/23/2019

Structure Photos



EAST APPROACH, LOOKING WEST



BENT 3 JOINT IN WESTBOUND LANES, BENT 2 JOINT SIMILAR

Date: 04/23/2019

Structure Photos



EAST APPROACH



RIGHT RAIL, LEFT RAIL SIMILAR

Date: 04/23/2019

Structure Photos



GUARDRAIL TO BARRIER RAIL TRANSITION AT SOUTHEAST CORNER, NORTHEAST AND SOUTHWEST CORNERS SIMILAR



POST SPACING AT MIDSPAN AT SOUTHEAST CORNER, NORTHEAST AND SOUTHWEST CORNERS SIMILAR

Date: 04/23/2019

Structure Photos



POST SPACING AT BRIDGE AT SOUTHEAST CORNER, NORTHEAST AND SOUTHWEST CORNERS SIMILAR



WEST APPROACH

Date: 04/23/2019

Structure Photos



LOOKING EAST



GUARDRAIL END TREATMENT AT SOUTHWEST CORNER, NORTHEAST AND SOUTHEAST CORNERS SIMILAR

Date: 04/23/2019

Structure Photos



TRANSITION ALONG WEST APPROACH SLAB IN EASTBOUND LANES, TRANSITION ALONG EAST APPROACH SLAB SIMILAR



MEDIAN RAIL

Date: 04/23/2019

Structure Photos



LOOKING SOUTH



END BENT 2 JOINT IN EASTBOUND LANES, END BENT 1 JOINT SIMILAR

Structure: 430236

County: HAYWOOD

Date: 04/23/2019

Structure Photos



LOOKING NORTH



GUARDRAIL END POST NORTHWEST CORNER

Structure: 430236

County: HAYWOOD

Date: 04/23/2019

Structure Photos



NORTH PROFILE, LOOKING SOUTH



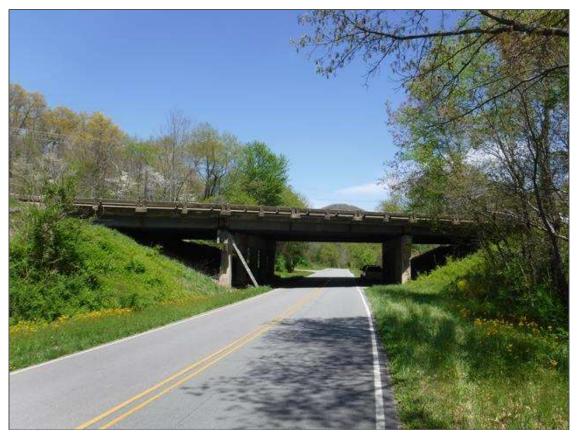
BEAM 3 BEARING AT BENT 2 IN SPAN 2, OTHERS SIMILAR AT BENTS

Date: 04/23/2019

Structure Photos



SPAN 2 UNDERDECK, OTHERS SIMILAR



SOUTH PROFILE, LOOKING NORTH

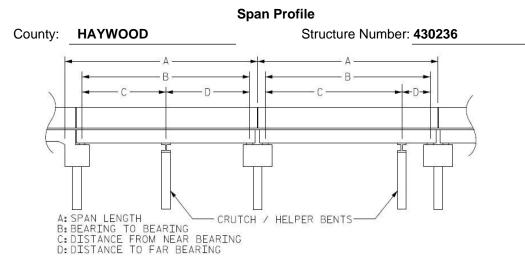
Date: 04/23/2019

Structure Photos



BENT 2 BENT 1 SIMILAR

Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	41.000	38.000			
2	54.000	52.000			
3	51.000	48.000			

NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 07/18/2019

		、	- 31
	RIDGE		0236
(8) STRUCTURE NUMBER(FEDERAL)	0000	0000087	
(5) INVENTORY ROUTE (ON/UNDER) - ON		1100	0400) 2
(2) STATE HIGHWAY DEPARTMENT DISTRICT (3) COUNTY CODE 87 (4) PLACE COD	-		
	E		C
(6) FEATURE INTERSECTED - SR1513 (7) FACILITY CARRIED I-40			
(7) FACILITY CARRIED 1-40 (9) LOCATION 1.8 MI.E.JCT.SR1660			
			20.2
(11)MILEPOINT (16)LAT 35° 32' 56.11" (17)LONG	82° 53' 9.02	5 "	29.3
(98)BORDER BRIDGE STATE CODE	PCT SHAR		
(99)BORDER BRIDGE STRUCTURE NO		-	
STRUCTURE TYPE AND MAT			
(43) STRUCTURE TYPE MAIN: Steel			
TYPE - Stringer Mutlibeam or Girder		CODE	302
(44) STRUCTURE TYPE APPR :			
TYPE -		CODE	000
(45) NUMBER OF SPANS IN MAIN UNIT			З
(46) NUMBER OF APPROACH SPANS			
(107)DECK STRUCTURE TYPE - 1		CODE	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :			
(A) TYPE OF WEARING SURFACE - Latex Concrete		CODE	3
(B) TYPE OF MEMBRANE - None		CODE	C
(C) TYPE OF DECK PROTECTION - None		CODE	C
			1988
(42) TYPE OF SERVICE : ON - Highway		0005	
		CODE	11
(28) LANES: ON STRUCTURE 4 UNDER STRUC	IURE		
(29) AVERAGE DAILY TRAFFIC (30) YEAR OF ADT 2015 (109) TRUCK AI		2	25000 23%
(30) YEAR OF ADT 2015 (109) TRUCK AI (19) BYPASS OR DETOUR LENGTH	JIFCI		23% 3 MI
			0 101
(48) LENGTH OF MAXIMUM SPAN			52 F1
(49) STRUCTURE LENGTH		14	46 FT
(50)CURB OR SIDEWALK: LEFT 0 FT	RIGHT		0 F1
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			66 FT
(52) DECK WIDTH OUT TO OUT		73.33	33 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		-	76 FT
(33) BRIDGE MEDIAN - Closed Median w/Barrier		CODE	З
(34) SKEW 30° (35) STRUCTUR	RE FLARED		0
(10) INVENTORY ROUTE MIN VERT CLEAR		999	.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		3	33 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999	.9 FT
(54) MIN VERT UNDERCLEAR REF Highway		14.5	58 FT
(55) MIN LAT UNDERCLEAR RT REF Highway		11.	75 FT
(56) MIN LAT UNDERCLEAR LT REF -			0 FT
NAVIGATION DATA —			
(38) NAVIGATION CONTROL - Not Applicable		CODE	N
(111)PIER PROTECTION -		CODE	
(39) NAVIGATION VERTICAL CLEARANCE			C

(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR

(40) NAVIGATION HORIZONTAL CLEARANCE

SUFFICIENCY RATING =

STATUS = Structurally Deficient

CLASSIFICATION	- CODE
(112)NBIS BRIDGE SYSTEM -	YES
(104)HIGHWAY SYSTEM Is on the NHS	1
(26) FUNCTIONAL CLASS - Arterial - Interstate	01
(100)STRAHNET HIGHWAY - Interstate STRAHNET Route	1
(101) PARALLEL STRUCTURE - No Parallel Structure	Ν
(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(103)TEMPORARY STRUCTURE -	
(110) DESIGNATED NATIONAL NETWORK - On the National Network	1
(20) TOLL On Free Road	3
(31) MAINTAIN - State Highway Agency	01
(22) OWNER - State Highway Agency	01
(37) HISTORICAL SIGNIFICANCE - Not Eligible	5

55.81

CONDITION	- CODE
(58) DECK	5
(59) SUPERSTRUCTURE	5
(60) SUBSTRUCTURE	4
(61) CHANNEL & CHANNEL PROTECTION	Ν
(62) CULVERTS	Ν
LOAD RATING AND POSTING	CODE
(31) DESIGN LOAD HS 20 + MOD	6
(63) OPERATING RATING METHOD - Load Factor	1
(64) OPERATING RATING - HS-36	65
(65) INVENTORY RATING METHOD - Load Factor	1
(66) INVENTORY RATING - HS-22	39
(70) BRIDGE POSTING - No Posting Required	5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED	А
DESCRIPTION - Open, No Restriction	
APPRAISAL	- CODE
(67) STRUCTURAL EVALUATION	4
(68) DECK GEOMETRY	6
(69) UNDERCLEARANCES, VERTI & HORIZ	6
(71) WATERWAY ADEQUACY	N
(72) APPROACH ROADWAY ALIGNMENT	8
(36) TRAFFIC SAFETY FEATURES	1111
(113)SCOUR CRITICAL BRIDGES	N
PROPOSED IMPROVEMENTS	
(75) TYPE OF WORK - CODE	
(76) LENGTH OF STRUCTURE IMPROVEMENT	
(94) BRIDGE IMPROVEMENT COST	
(95) ROADWAY IMPROVEMENT COST	
(96) TOTAL PROJECT COST	
(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(114)FUTURE ADT 50000 (115) YEAR FUTURE ADT	2025
(90) INSPECTION DATE	04/23/2019
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE	
A) FRACTURE CRIT DETAIL - NO A)	
B) UNDERWATER INSP - NO B)	

NO

C)

C) OTHER SPECIAL INSP

SCOUR

FT

0 FT

Run Date:

			Sal								raffic	Φ		See No	te 1				
Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily T	Total Horizontal Clearanc	Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance		STRAHNET Designator	Highway S
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100 1	02 104
2	SR1513	31015130	14.58	0	0			17	2	630	2016	44.83	H	14.58	11.75		9	0 2	0

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

BRIDGE MANAGEMENT UNIT

			DATA O	N EXISTING	STRUC	TURE	Ru	n Date: 07	7/18/20	19		
COUNTY : HAYWOOD		DIVISION 14	: DI	STRICT: 2	STRU		IUMBER : 0236		LE	NGTH :	146	FEET
ROUTE CARRIED : I-4	40			FEATURE INT	ERSECT		SR1513					
LOCATED : 1.8 MI.E.JC	T.SR1660		BF	RIDGE NAME :				CITY :				
FUNC. CLASS :	SYST.ON :	SYST.	UNDER :		ADT &	YR :			RAIL TY	(PE :		
01	FA			NFA		25000	2015	l	LT	333 R	т 33	3
BUILT : 1961	BY : DOH	PRO		9430	FED	AID PRO	D1 :	DESI	GN LO/		20 + N	/IOD
REHAB : B' 1988	Y :	PROJ : 8.19	940205	ALIGNMENT	: TAN	SKEV	V : 120	LANES ON		UNE)ER	2
NAVIGATION : VC 0	FT	HC 0	FT	HT. CRN.	TO BED	: 0	FT	WATER	DEPTH	H : 0		FT
SUPERSTRUCTURE :	REINFORC	CED CONCRI	ETE FLOC	OR ON I-BEAM	IS							
SUBSTRUCTURE :	E.BTS:RC	CAPS/H-PILE	ES;INT.BT	S:RCP&BEAN	1/PILE FT	GS.						
SPANS :	3 SPANS.	SEE SPAN F	PROFILE	SHEET FOR S	PAN DE	TAILS						
BEAMS OR GIRDERS :	10 LIN	IES 33 I-BEA	MS @ VA	R.CENTERS								
FLOOR : 8.75 RC/ NC AWS)	ENCROA	CHMENT :	:		DECK	((OUT TO (.333 FT			
CLEAR ROADWAY :		BETWEEN	RAILS :			SIDE	EWALK OR	CURB :				
66 F	т			66 FT				LT	0 FT	RT		0 FT
VERT.CL.OVER : 999.9 FT												
INV.RTG. : HS-22	OPE.RTG. : H	C 1S-36	ONTR.ME	EMBER : I-Bm A		POSTEI SV	: דד:	ST	DA	TE		
SYSTEM : Primary Interstate							GREE	EN LINE RO	OUTE :	Y	_	
UNDER ROUTES AND	CLEARANCES	;										
	Vertical	Clearances	Horiz	ontal Clearan	ces							

		Vertical C	earances	Horizontal Clearances				
Span	Route Description	MMVC	MVC	Total	Left	Right		
2	SR1513	14.58	14.58	44.8330	0	11.75		

Note: All measurements are in feet.

Bridge: 430236

County HAYWOOD

Date: 04/23/2019

	These Repairs	Should Be Mad	de Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
× 0	No Maintenance Required	NA	4	42" LONG SPALLED AREA WITH EXPOSED REBAR IN RIGHT APPROACH RAIL AT END BENT 1 JOINT.	
3314	Maintain Steel Superstructure Components	LF	4	Span 1 Beam 1: CORROSION ALONG WEB AND BOTH FLANGES UP TO 45" LONG X 14" HIGH DOWN TO 1/4" RESIDUAL WEB, 42" LONG X 6" WIDE WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE, AND 46" LONG X 6" WIDE DOWN TO 1/4" RESIDUAL BOTTOM FLANGE EXTENDING FROM END OF BEAM AT END BENT 1, CONDITION ON LEFT SIDE SHOWN.	
3326	Maintain Concrete Deck	SF	80	Span 1 Deck: (6) SPALLS WITH EXPOSED LONGITUDINAL AND TRANSVERSE REBAR UP TO 48" X 24" X 3" DEEP AND AREAS OF DELAMINATION UP TO 60" X 24" ALONG RIGHT OVERHANG.	
👋 3326	Maintain Concrete Deck	SF	5	Span 2 Deck: 26" X 24" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG, APPROXIMATELY 6' FROM BENT 1.	
🔌 3326	Maintain Concrete Deck	SF	7	Span 2 Deck: (4) AREAS OF DELAMINATION UP TO 24" X 24" IN BOTTOM OF LEFT OVERHANG ABOVE ROADWAY.	
🔌 3326	Maintain Concrete Deck	SF	10	Span 2 Deck: FAILED REPAIR AND (2) AREAS OF DELAMINATION UP TO 36" X 22" IN BOTTOM OF RIGHT OVERHANG ABOVE ROADWAY.	
3348 🍋	Maintain Concrete Substructure Components	LF	6	Bent 1 Pile 1: 65" X 12" X 3" SPALL WITH EXPOSED REBAR IN NORTHWEST CORNER OF COLUMN, BEGINNING APPROXIMATELY 2' FROM GROUND LINE.	
3348 🔌	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 5: (3) SPALLS WITH EXPOSED REBAR UP TO 60" X 10" X 10" IN NORTHWEST CORNER, SOUTHWEST CORNER AND RIGHT FACE OF COLUMN EXTENDING FROM BOTTOM OF CAP.	

Bridge: 430236

County HAYWOOD

Date: 04/23/2019

	These Repairs Should Be Made Within Twelve Months From Date Of This Inspection									
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost					
🔌 3348	Maintain Concrete Substructure Components	LF	6	Bent 2 Pile 5: 66" X 13" X 6" SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER OF COLUMN EXTENDING FROM BOTTOM OF CAP.						
3348	Maintain Concrete Substructure Components	LF	9	Bent 2 Cap 1: 103" X 33" X 30" AREA OF DELAMINATION WITH UP TO 1/2" VERTICAL AND HORIZONTAL CRACKS AND 33" X 30" X 5" DEEP SPALL WITH EXPOSED REBAR THROUGHOUT CAP EXTENDING FROM RIGHT END TO BENEATH BAY 9.						
👋 3348	Maintain Concrete Substructure Components	LF	6	End Bent 2 Cap 1: 60" X 15" X 3" SPALL WITH EXPOSED REBAR IN TOP AND FACE OF CAP BENEATH BAY 6.						
3348	Maintain Concrete Substructure Components	LF	11	Bent 2 Cap 1: 125" X 30" X 30" AREA OF DELAMINATION WITH UP TO 1/2" LONGITUDINAL AND HORIZONTAL CRACKS AND 7' X 26" X 4" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND BOTH FACES OF CAP TO RIGHT OF COLUMN 4.						
🔌 3348	Maintain Concrete Substructure Components	LF	8	Bent 1 Pile 4: 96" X 8" X 7" SPALL WITH EXPOSED REBAR IN SOUTHEAST CORNER OF COLUMN EXTENDING FROM BOTTOM OF CAP.						
3348	Maintain Concrete Substructure Components	LF	13	Bent 1 Cap 1: UP TO 8' X 30" X 3" DEEP SPALLS WITH EXPOSED REBAR, 13' X 6" AREAS OF DELAMINATION AND UP TO 1/2" DIAGONAL AND HORIZONTAL CRACKS IN BOTTOM AND BOTH FACES OF CAP BENEATH BAY 2.						
3348	Maintain Concrete Substructure Components	LF	20	Bent 1 Cap 1: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END.						

Bridge: 430236

County HAYWOOD

MMS Code	MM	IS Descrip	Quantity						
0	No N	<i>I</i> aintenan	nce Required	e Required					
Location:									
	Bent/Span No.								
Priority Level			Status						
Priority Main	tenanc	ce	Division Bridge Maintenance Notification						
Submitted D	ate:	Submitte	d By:	Assisted By:					
04/25/2019		Brian K	Eggerton						
Details									
42" LONG S	PALLE	ED AREA	WITH EXPOSED REBAR IN RIGH	IT APPROACH RAIL AT END BENT	1 JOINT.				

MMS Code	MN	1S Descrip		Quantity					
3314	Mair	ntain Steel	Superstructure Components	perstructure Components 4 LF					
Location:									
	Bent/Span No.								
Priority Level			Status						
Priority Maint	tenan	се	Division Bridge Maintenance Noti	fication					
Submitted Da	ate:	Submitte	d By:	Assisted By:					
04/17/2019		B. Egge	rton						
Details									
Span 1 Beam 1: CORROSION ALONG WEB AND BOTH FLANGES UP TO 45" LONG X 14" HIGH DOWN TO 1/4" RESIDUAL WEB, 42" LONG X 6" WIDE WITH NO MEASURABLE LOSS OF SECTION IN TOP FLANGE, AND 46" LONG X 6" WIDE DOWN TO 1/4" RESIDUAL BOTTOM FLANGE EXTENDING FROM END OF BEAM AT END BENT 1, CONDITION ON LEFT SIDE SHOWN.									

Bridge: 430236

County HAYWOOD

MMS Code	MM	MMS Description			Quantity		
3326	Mair	Maintain Concrete Deck			80	SF	
Location:	Location:						
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
			VITH EXPOSED LONGITUDINAL A _AMINATION UP TO 60" X 24" ALC	AND TRANSVERSE REBAR UP TO A	48" X 24" X 3	3"	

MMS Code	MN	AS Description Qu					
3326	Maiı	intain Concrete Deck			5	SF	
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
Priority Mainte	enan	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
	Span 2 Deck: 26" X 24" X 2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG, APPROXIMATELY 6' FROM BENT 1.						

Bridge: 430236

County HAYWOOD

MMS Code	MM	IS Descrip	otion		Quantity		
3326	Main	itain Conc	crete Deck		7	SF	
Location:	Location:						
	Bent/Span No.						
Priority Leve)		Status				
Priority Main	itenanc	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
Span 2 Decł ROADWAY.		REAS OF	- DELAMINATION UP TO 24" X 24	" IN BOTTOM OF LEFT OVERHANG	3 ABOVE		

MMS Code	MN	IMS Description Quantity					
3326	Mai	intain Concrete Deck				SF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Main	tenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
	Span 2 Deck: FAILED REPAIR AND (2) AREAS OF DELAMINATION UP TO 36" X 22" IN BOTTOM OF RIGHT OVERHANG ABOVE ROADWAY.						

Bridge: 430236

County HAYWOOD

MMS Code	MM	MMS Description				Quantity	
3348	Main	Maintain Concrete Substructure Components			6	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	ŧ		Status				
Priority Maintenance		жe	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
			SPALL WITH EXPOSED REBAR ELY 2' FROM GROUND LINE.	IN NORTHWEST CORNER OF COL	.UMN,		

MMS Code	MM	MMS Description				Quantity	
3348	Mair	Maintain Concrete Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maint	tenan	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
				" X 10" X 10" IN NORTHWEST COR TENDING FROM BOTTOM OF CAP			

Bridge: 430236

County HAYWOOD

MMS Code	MM	MMS Description				Quantity	
3348	Main	ntain Conc	crete Substructure Components		6	LF	
Location:	Location:						
	Bent/Span No.						
Priority Leve	əl		Status				
Priority Maintenance		ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
			' SPALL WITH EXPOSED REBAR OM OF CAP.	IN SOUTHEAST CORNER OF COLI	JMN		

MMS Code	MMS	MMS Description				Quantity		
3348	Mainta	intain Concrete Substructure Components			9	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status	Status				
Priority Mair	ntenance)	Division Bridge Maintenance Notification					
Submitted D	Date: S	Submitte	d By:	Assisted By:				
04/17/2019		B. Egge	rton					
Details								
	ND 33" X	(30" X 5	5" DEEP SPALL WITH EXPOSED	TH UP TO 1/2" VERTICAL AND HOP REBAR THROUGHOUT CAP EXTEI		M		

Bridge: 430236

County HAYWOOD

MMS Code	MM	MMS Description			Quantity		
3348	Mair	Maintain Concrete Substructure Components			6	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	ŧ		Status				
Priority Main	itenanc	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details							
End Bent 2 (Cap 1:	60" X 15"	' X 3" SPALL WITH EXPOSED REI	BAR IN TOP AND FACE OF CAP BE	ENEATH BA	Y 6.	

MMS Code	MN	MMS Description Quantity					
3348	Maiı	Maintain Concrete Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/17/2019		B. Egge	rton				
Details	Details						
	ND 7')	X 26" X 4"		TH UP TO 1/2" LONGITUDINAL ANI EBAR IN BOTTOM AND BOTH FAC			

Bridge: 430236

County HAYWOOD

MMS Code	MM	MMS Description			Quantity			
3348	Mair	ntain Cond	crete Substructure Components		8	LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	el		Status	Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification					
Submitted D	Date:	Submitte	d By:	Assisted By:				
04/17/2019		B. Egge	rton					
Details								
Bent 1 Pile 4 FROM BOT			SPALL WITH EXPOSED REBAR I	N SOUTHEAST CORNER OF COLL	JMN EXTEN	IDING		

MMS Code	MN	MS Description Quantity							
3348	Mai	ntain Conc	crete Substructure Components	rete Substructure Components					
Location:									
Bent/Span No.									
Priority Level			Status						
Priority Main	itenan	се	Division Bridge Maintenance Notification						
Submitted D	ate:	Submitte	d By:	Assisted By:					
04/25/2019		Brian K	Eggerton						
Details									
			Bent 1 Cap 1: UP TO 8' X 30" X 3" DEEP SPALLS WITH EXPOSED REBAR, 13' X 6" AREAS OF DELAMINATION AND UP TO 1/2" DIAGONAL AND HORIZONTAL CRACKS IN BOTTOM AND BOTH FACES OF CAP BENEATH						

Bridge: 430236

County HAYWOOD

MMS Code	MMS I	Quantity					
3348	Maintai	Maintain Concrete Substructure Components					
Location:							
	Bent/Span No.						
Priority Level Status							
Priority Maintenance Division Bridge Maintenance Notification							
Submitted D	ate: Su	ubmitte	d By:	Assisted By:			
04/25/2019	В	3rian K	Eggerton				
Details							
Bent 1 Cap 1: UP TO 64" X 42" X 3" DEEP SPALLS WITH EXPOSED REBAR, 16' X 24" AREAS OF DELAMINATION AND UP TO 1 1/2" LONGITUDINAL, TRANSVERSE, DIAGONAL AND HORIZONTAL CRACKS IN TOP, BOTTOM, RIGHT END AND BOTH FACES OF CAP FROM BENEATH BEAM 8 TO RIGHT END.							

Bridge Inspection Field Sketch

8

	Le	ft Lanes	
Roadway	24ft Wide	2 Paved Lanes	West Bound
Right Shoulder	14.58ft Wide	11.58ft Paved	3ft Unpaved
Left Shoulder	6.25ft Wide	6.25ft Paved	
Right Guardrail			
Left Guardrail			
Median	2ft Wide	2.833ft High	
	Riç	ght Lanes	
Roadway	24ft Wide	2 Paved Lanes	East Bound
Left Shoulder	6ft Wide	6ft Paved	
Eelt offodiaci			
Right Shoulder	3.67ft Wide	3.67ft Paved	
	3.67ft Wide 6ft from road	3.67ft Paved	

SKETCH REVISED BY BKE ON 4.23.19								
Title Description								
APPROACH ROADWAY LOOKING EAST								
Bridge No: 430236 Drawn By: D.D.H.			Date:08/10/2005	File Name:S0106000255				

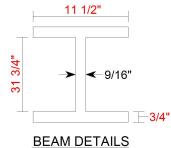
Bridge Inspection Field Sketch

	Deck Width/Out to Out 73.333ft*			Between Rails]
	Clear Roadway	66.0ft	Wearin	Wearing Surface				
	Median Width	2.0ft	Median	Height			2.833ft	
	Curb Height		Left	0.604ft	Right	0.60	04ft	
	Curb Width		Left	1.667ft	Right	1.66	87ft	
	Clear Roadway (Rail to Median)			33.0ft	Right	33.0ft		
	Guardrail Width (Metal)			0.542ft	Right	0.54	12ft	
	Top of Rail to Deck/Wearing Surface			2.563ft	Right	2.56	63ft	
	Bridge Rail			Type 33	Right	Тур	e 33	
<u>I</u> ß	TWO WESTBOUND THRU LA	ANES) T\	NO EASTBOL	JND TH	RU L	ANES	۹. الا

Measurements for Spans	1 Thru 3		
Deck Thickness	0.854	Left Overhang	4.167*
Top of Rail to Bottom of Beam	6.0	Right Overhang	4.167*

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	7.5ft	
2	Steel I Beam	7.5ft	
3	Steel I Beam	7.5ft	
4	Steel I Beam	7.5ft	
5	Steel I Beam	5.0ft	
6	Steel I Beam	7.5ft	
7	Steel I Beam	7.5ft	
8	Steel I Beam	7.5ft	
9	Steel I Beam	7.5ft	
10	Steel I Beam		

* Includes brackets. Not including brackets: Deck Width = 71.33ft ; Overhangs = 3.167ft



6" x 3/8" Cover Plates (Spans 1 and 3)

SKETCH REVISED BY BKE ON 4.23.19 (CHANGES IN RED)							
Title Description							
TYPICAL SECTION 10 LINES OF STEEL I-BEAMS							
Bridge No: 430236	Drawn By: Roy W. Shook		Date:08/10/2005	File Name:S0106000256			
				·			

Bridge Inspection Field Sketch	
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	formation				Place Cor							
Lengt		Height	Left Over		Right Ov				nd of Cap.	-	t Beam to Er	nd of Cap.
79.0 ft.	2.5 ft.	2.5 ft.	4.5 ft		4.5 ft	•1	1.8	333 ft.		1	.833 ft.	
	p Information		Material	hana	Discht Ou		L = A D	la ta Calli				
Lengt	h Width	Height	Left Over	nang	Right Ov	ernang	Len Pi	le to Splid	ce.			
Sill Info	ormation		Material									
Lengt		Height										
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacen	nent?	Removed?	Collar?
1	Concrete	17.5 ft.	2.5 ft.	2.5 ft.		Ver	tical	No	No		No	No
2	Concrete	17.5 ft.	2.5 ft.	2.5 ft.		Ver	tical	No	No		No	No
3	Concrete	17.5 ft.	2.5 ft.	2.5 ft.		Ver	tical	No	No		No	No
4	Concrete	17.5 ft.	2.5 ft.	2.5 ft.		Ver	tical	No	No		No	No
5	Concrete		2.5 ft.	2.5 ft.		Ver	tical	No	No		No	No
Bent 1			Bent 2 Si	milar								

SKETCH REVISED BY BKE ON 4.23.19 (CHANGES IN RED)						
Title Description						
BENT PROFILE		BENTS 1 AND 2				
Bridge No: 430236	Drawn By: DELVIN ADAMS	Date: 4/17/2013	File Name: S0102001437			

