K. Mobley

ATTENTION: PRIORITY MAINTENANCE, SNOOPER, DATA

CHANGES

# **Structure Safety Report**

### **Routine Element Inspection - Contract**

COUNTY: CLEVELAND STR	UCTURE NUMBER: 22	20015 F	REQUENCY:	24 MONTHS	
FACILITY CARRIED: NC180			MILE POST:		
LOCATION: 0.3 MI. N. JCT. NC15		0.3 MI. N. JCT. NC150	)		
FEATURE INTERSECTED: SEABOARD (	COASTLINE RR	CSX RR			
LATITUDE: 35° 18' 57.88"	LONGITU	DE: 81° 29' 39.92"			
SUPERSTRUCTURE: REINFORCED CO	ONCRETE DECK ON	I-BEAMS			
SUBSTRUCTURE: ABUTMENTS:RC STU	JB, INTERIOR BENT:	RC POST & BEAM, SPREAD	FOOTINGS		
<b>SPANS</b> : 1@47'6", 1@57'6" SIMPLE					
FRACTURE CRITICAL TEMPO	DRARY SHORING	SCOUR CRITICAL		PLAN OF ACTION	
PRESENT CONDITION: Fair		INSPECTION DATE: 10/03/2	2016		
POSTED SV: Not Posted		POSTED TTST: Not Pos	ted		
OTHER SIGNS PRESENT: NONE					
			NO NO DIRECTINSPE	WEIGHT LIMIT	0
LOOKING NORTH					
INSPECTED BY K. Mobley	SIGNATURE	K Mobley	ASSISTED BY	FGC	

# **Structure Element Scoring**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	2670	25	2299	346	0
107	0	Steel Open Girder/Beam	Beam	424	0	389	34	1
515	107	Steel Protective Coating	Beam	3276	2391	0	0	885
205	0	Reinforced Concrete Column	Piles and Columns	2	0	0	2	0
215	0	Reinforced Concrete Abutment	Abutments	58	57	1	0	0
234	0	Reinforced Concrete Pier Cap	Caps	81	55	1	25	0
301	0	Pourable Joint Seal	Expansion Joints	24	13	0	11	0
311	0	Movable Bearing	Bearing Device	8	0	0	8	0
515	311	Steel Protective Coating	Bearing Device	8	0	0	0	8
313	0	Fixed Bearing	Bearing Device	8	0	8	0	0
515	313	Steel Protective Coating	Bearing Device	8	0	8	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	212	210	0	2	0

# **Summary of Maintenance Needs**

Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2359 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	129 Square Feet
3314	Steel Open Girder/Beam	Corrosion	35 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	11 Each
3348	Reinforced Concrete Column	Delamination/Spall	13 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	1 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	24 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	3 Feet
3310	Pourable Joint Seal	Seal Damage	11 Feet
3334	Movable Bearing	Corrosion	8 Each
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	2 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	795 Square Feet

## **Element Structure Maintenance Quantities**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	1	58	0	0	1	57
Beam	3314	Maintenance Steel Superstructure Components	35	424	1	34	389	0
Beam	3342	Clean and Paint Steel	779	3276	885	0	0	2391
Bearing Device	3334	Bridge Bearing	8	16	0	8	8	0
Bearing Device	3342	Clean and Paint Steel	16	16	8	0	8	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	2	212	0	2	0	210
Caps	3348	Maintenance of Concrete Substructure	27	81	0	25	1	55
Deck	3326	Maintenance of Concrete Deck	2488	2670	0	346	2299	25
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	11	24	0	11	0	13
Piles and Columns	3348	Maintenance of Concrete Substructure	24	2	0	2	0	0

#### **Element Condition and Maintenance Data**

Spa	n 1	Deck						
Reir	nforced Concrete	Deck						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,208	13	1,040	155	0 S	quare Feet
lemen lumbe	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 1/2" TRANSVERSE CRACK: CRACKS IN TOP OF DECK IN VAR THROUGHOUT, CRACKS NEAR M PHOTO	IOUS LOCATIONS		3	100	100	Square Feet
12	Delamination/Spall	UP TO 21" X 12" X 1 3/4" DEEP SPAREBAR AND UP TO 48" X 22" ARE. THROUGHOUT BOTTOM OF BOTH CONDITION IN BOTTOM OF RIGHT MIDSPAN SHOWN IN PHOTO	AS OF DELAMINAT H OVERHANGS,	ION	3	50	50	Square Feet
12	Delamination/Spall	UP TO 22" X 16" X 1 1/2" DEEP SP. REBAR IN BOTTOM OF BOTH OVE SPALL IN BOTTOM OF LEFT OVER PHOTO	ERHANGS ABOVE		3	5	5	Square Feet
12	Abrasion/Wear (PSC/RC)	1120 SF OF WORN CONCRETE W AGGREGATE THROUGHOUT TOP			2			Square Feet
12	Cracking (RC and Other)	900 SF OF UP TO 0.01" MAP CRAC BOTTOM OF DECK IN BAYS 1 THE			2			Square Feet
12	Cracking (RC and Other)	UP TO 0.03" MAP CRACKS THROU	JGHOUT TOP OF D	ECK	2	1,020	1,020	Square Feet
12	Patched Areas	TWO (2) PATCHED AREAS UP TO DECK IN VARIOUS LOCATIONS T		F	2	20		Square Feet

Spa	n 1		В	eam 1						
Plat	e Girder									
Elen Nun 107	nent nber	Stool One	Element Name		Total Qty 48	CS1 Qty 0	CS2 Qty 38	<b>CS3 Qty</b> 10	CS4 Qty	Feet
515		·	tective Coating		350	233	0	0	_	Square Feet
Elemen Number	Dofoot			Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion		PRIORITY MAINTENA ALONG BOTH FACES TO 102" LONG X 3" H SECTION IN WEB AN RESIDUAL FLANGE A AT FACE OF BENT B SHOWN IN PHOTO	S OF WEB AND BOT IIGH WITH UP TO 1/ ID 13" LONG X 3" WI ALONG EDGES OF E	TOM FLANC 16" LOSS O IDE DOWN T BOTTOM FL	GE UP F FO 1/2" ANGE	3	9	-	) Feet
107	Corrosion		PRIORITY MAINTEN/ ALONG BOTTOM FL/ DOWN TO 5/8" RESII 1 BEARING, CONDIT PHOTO	ANGE UP TO 6" LON DUAL FLANGE AT FA	IG X FULL W ACE OF END	/IDTH D BENT	3	1	,	Feet
107	Corrosion		PRIORITY MAINTEN/ BOTH FACES OF WE UP TO 1/16" LOSS O DIAPHRAGM, CONDI PHOTO	B UP TO 14" HIGH ) F SECTION AROUNI	X 10" WIDE \ D BENT	WITH	3			Feet
107	Corrosion		48' OF SURFACE CO	RROSION THROUG	HOUT BEAM	Л	2	38		Feet
515	Effectiveness Protective Co		DETERIORATED PAI	NT SYSTEM THROU	JGHOUT BE	AM	4	96	96	S Square Feet
515	Effectiveness Protective Co	`	PRIORITY MAINTENA ALONG BOTH FACES TO 102" LONG X 3" H	S OF WEB AND BOT	TOM FLANC	SE UP	4	18	18	3 Square Feet

Structure	Number: <u>220015</u>			Inspe	ction Date: 10/03/2016
515	Effectiveness (Steel Protective Coatings)	ALONG BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE UP TO 6" LONG AT FACE OF END BENT 1 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 14" HIGH X 10" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO	4	2	2 Square Feet
	<b>General Comments</b>				

Spa	n 1	Beam 2						
Plat	e Girder							
Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	48	0	46	2	0	Feet
515	Steel Pr	otective Coating	350	248	0	0	102	Square Feet
Elemen Numbe	Defect Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	PRIORITY MAINTENANCE: SCALING A ALONG BOTH FACES OF WEB AND BO TO 20" LONG X 4" HIGH WITH NO MEA SECTION IN WEB AND 8" LONG X 2 1/ 11/16" RESIDUAL FLANGE ALONG ED FLANGE AT FACE OF BENT BEARING LEFT SIDE SHOWN IN PHOTO	OTTOM FLANC ASURABLE LO 2" WIDE DOW! GES OF BOTT	GE UP SS OF N TO OM	3	2	2	? Feet
107	Corrosion	PRIORITY MAINTENANCE: SCALING A BOTH FACES OF WEB UP TO 13" HIG TO 1/8" LOSS OF SECTION AROUND I CONDITION ON LEFT SIDE SHOWN IN	H X 7" WIDE W BENT DIAPHR	/ITH UP	3			Feet
107	Corrosion	48' OF SURFACE CORROSION THROU	JGHOUT BEAM	М	2	46		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THR	OUGHOUT BE	AM	4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIOR ALONG BOTH FACES OF WEB AND B TO 20" LONG X 4" HIGH IN WEB AND 8 ALONG EDGES OF BOTTOM FLANGE BEARING, CONDITION ON LEFT SIDE	OTTOM FLANC B" LONG X 2 1/ AT FACE OF E	GE UP /2" WIDE BENT	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIOR IN BOTH FACES OF WEB UP TO 13" H AROUND BENT DIAPHRAGM, CONDIT SHOWN IN PHOTO	IIGH X 7" WIDE		4	2	2	? Square Feet
	General Comments							

Spa	n 1			Beam 3						
Plat	e Girder									
	nent nber	•	Element Name in Girder/Beam ective Coating		Total Qty 48 350	<b>CS1 Qty</b> 0 246	<b>CS2 Qty</b> 44	<b>CS3 Qty</b> 4 0	_	
Elemen Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	; - ! !	ALONG BOTH FACI TO 48" LONG X 4" H SECTION IN WEB A RESIDUAL FLANGE	NANCE: SCALING AND ES OF WEB AND BOTT HIGH WITH NO MEASU AND 3" LONG X 2" WIDI E ALONG EDGES OF B BEARING, CONDITION	OM FLAN RABLE LO E DOWN OTTOM F	IGE UP OSS OF TO 3/4" LANGE	3	4		4 Feet
107	Corrosion	4	48' OF SURFACE C	ORROSION THROUGH	HOUT BEA	AM	2	44		Feet

Structure	Number: <u>220015</u>			Inspe	ction Da	ate: 10/03/2016
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM	4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 48" LONG X 4" HIGH IN WEB AND 3" LONG X 2" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO	4	8	8	Square Feet
	<b>General Comments</b>					

Spa	n 1	Beam 4						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	48	0	47	1	0 F	eet
515	Steel	Protective Coating	350	250	0	0	100 \$	Square Feet
Elemen Numbe	Defect Time	Defect Descri	ription		cs	CS Qty	Maint Qty	
107	Corrosion	PRIORITY MAINTENANCE: SCALI ALONG BOTH FACES OF WEB AN TO 12" LONG X 2" HIGH WITH NO SECTION IN WEB AND 10" LONG RESIDUAL FLANGE ALONG EDGI AT BENT BEARING, CONDITION O PHOTO PRIORITY MAINTENANCE: SCALI BOTH FACES OF WEB UP TO 13" UP TO 1/16" LOSS OF SECTION A DIAPHRAGM, CONDITION ON RIC PHOTO	ND BOTTOM FLANG MEASURABLE LO X 2" WIDE DOWN ES OF BOTTOM FL ON RIGHT SIDE SH NG AND PACK RUS HIGH X 11" WIDE N ROUND BENT	GE UP SS OF TO 3/4" ANGE HOWN IN ST IN WITH	3	1	1	Feet
107	Corrosion	48' OF SURFACE CORROSION TH	HROUGHOUT BEAM	М	2	47		Feet
515	Effectiveness (Stee		THROUGHOUT BE	AM	4	96	96	Square Feet
515	Effectiveness (Stee Protective Coatings		ND BOTTOM FLANG NND 10" LONG X 2" NGE AT BENT BEA	GE UP WIDE	4	2	2	Square Feet
515	Effectiveness (Stee Protective Coatings	S) IN BOTH FACES OF WEB UP TO AROUND BENT DIAPHRAGM, CO SHOWN IN PHOTO	13" HIGH X 11" WID	ÞΕ	4	2	2	Square Feet
	General Comments							

Span 1		Left Bridge	Rail					
Concre	ete Railing							
Elemen Number	r	Element Name	Total Qty 48	CS1 Qty 47	CS2 Qty	CS3 Qty	CS4 Qty	eet
Element Number	Defect Type	ced Concrete Bridge Railing  Defect Descri		47	cs	CS Qty	Maint Qty	<del></del>
	lamination/Spall	TWO (2) SPALLS UP TO 7" X 5" X 2 RAIL, APPROXIMATELY 16' FROM PHOTO)			3	1	1	Feet

Spa	an 1	Near Bearin	g					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	searing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG BEAM 1 BEARING AT END BENT		ACE OF	2	1		Each
515	Effectiveness (Steel Protective Coatings)				2	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 1	Far 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 lumber	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
311	Corrosion	SCALING AND PACK RUST THROUGHOUT BEAM 1 BEARING AT BENT			3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING AT BENT	ETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 EARING AT BENT			1		1 Square Feet
(	General Comments	<u> </u>						

Spa	an 1			Near Bearing						
Fix	ed Bearing									
	ement ımber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	earing		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	1	0	0	Square Feet
	Element Number Defect Type			Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		SURFACE CORROS BEAM 2 BEARING A	SION THROUGHOUT E AT END BENT 1	XPOSED F	FACE OF	2	1		Each
515	Effectiveness Protective Co		DETERIORATED PAINT SYSTEM THROUGHOUT EXPOSED FACE OF BEAM 2 BEARING AT END BENT 1			POSED	2	1		1 Square Feet
	<b>General Com</b>	ments								

Span 1 Movable	e Bearing	Far Bearii	-3				
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movabl	e Bearing	1	0	0	1	0 Each
515	Steel P	rotective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
<b>311</b> Cor	rosion	SCALING AND PACK RUST THE BEARING AT BENT	ROUGHOUT BEAM 2		3	1	1 Each

515 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 4 1 1 Square Feet Protective Coatings) BEARING AT BENT

**General Comments** 

Spa	an 1			Near Bearing						
Fix	ed Bearing									
	ement ımber		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	1	0	0	Square Feet
	Element Number Defect Type			Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion	Corrosion SURFACE CORROSION THR BEAM 3 BEARING AT END BI			ROUGHOUT EXPOSED FACE OF BENT 1 (SEE PHOTO)		2	1		Each
515		reness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT EXPOSEI ive Coatings) FACE OF BEAM 3 BEARING AT END BENT 1		POSED	2	1		1 Square Feet		
	General Com	ments								

Spa	an 1			Far Bearing						
Мо	vable Bearin	ıg								
	ement ımber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	0	1	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Eleme Numb	Dofoct T	уре		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosion	Corrosion SCALING AND PAR BEARING AT BEN		CK RUST THROUGHOUT BEAM 3 T (SEE PHOTO)			3	1		1 Each
515	Effectiveness Protective Coa	`	DETERIORATED PARENT	AINT SYSTEM THROU	GHOUT BE	AM 3	4	1		1 Square Feet
	General Comn	nents								

Spa	n 1	Near Bear	ing					
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		1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU BEAM 4 BEARING AT END BEN	RFACE CORROSION THROUGHOUT EXPOSED FACE OF AM 4 BEARING AT END BENT 1		2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM FACE OF BEAM 4 BEARING AT		POSED	2	1		1 Square Feet

Spa	n 1		Far Beari	ng					
Mov	/able	e 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
Elemen Numbe		Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
311	Corr	rosion	SCALING AND PACK RUST TH BEARING AT BENT	CALING AND PACK RUST THROUGHOUT BEAM 4 EARING AT BENT		3	1	•	I Each
515		ctiveness (Steel ective Coatings)	DETERIORATED PAINT SYSTE BEARING AT BENT	ETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 EARING AT BENT			1		Square Feet
-	Gene	eral Comments							

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber Reinfor	Element Name	Total Qty 1,462	CS1 Qty	CS2 Qty 1.259	<b>CS3</b> <b>Qty</b> 191	CS4 Qty 0 S	quare Feet
lemer	1t Defect Time	Defect Des	, -		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 1/4" TRANSVERSE CRAC CRACKS IN TOP OF DECK IN VA THROUGHOUT	MAP	3	120	•	Square Feet	
12	Delamination/Spall	16" X 7" X 1" DEEP SPALL IN TO OF SOUTHBOUND LANE, APPR BENT 2 FILL FACE (SEE PHOTO		3	1	1	Square Feet	
12	Delamination/Spall	UP TO 36" X 12" X 1 3/4" DEEP SPALLS WITH EXPOSED REBAR AND UP TO 18" DIAMETER AREAS OF DELAMINATION THROUGHOUT BOTTOM OF BOTH OVERHANGS			3	70	70	Square Feet
12	Abrasion/Wear (PSC/RC)	1240 SF OF WORN CONCRETE AGGREGATE THROUGHOUT TO			2			Square Feet
12	Cracking (RC and Other)	1000 SF OF UP TO 0.01" MAP CI BOTTOM OF DECK IN BAYS 1 T		Т	2			Square Feet
12	Cracking (RC and Other)	UP TO 0.03" MAP CRACKS THROUGHOUT TOP OF DECK, CRACKS IN NORTHBOUND LANE APPROXIMATELY 8' FROM BENT SHOWN IN PHOTO			2	1,119	1,119	Square Feet
12	Delamination/Spall	20" X 20" AREA OF DELAMINATI IN BAY 1, APPROXIMATELY 25'		ECK	2		3	Square Feet
12	Patched Areas	13 PATCHED AREAS UP TO 15' VARIOUS LOCATIONS THROUG NORTHBOUND LANE APPROXII BENT 2 FILL FACE SHOWN IN P	SHOUT, CONDITION IN MATELY 16' FROM EN	1	2	140		Square Feet

Span 2		Beam 1						
Plate G	irder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	58	0	52	5	1	Feet
515	Steel P	rotective Coating	469	348	0	0	121	Square Feet
Element Number	Defeat Type Defeat Descripti				cs	CS Qty	Maint Qty	
107 Corrosion PRIORITY MAINTENANCE: S BOTH FACES OF WEB UP TO X 1/4" HOLE AROUND BENT LEFT SIDE SHOWN IN PHOT			5" HIGH X 12" WIDE	WITH 4"	4	1		1 Feet

		PRIORITY MAINTENANCE, COALING AND BACK STORE	•			
107	Corrosion	PRIORITY MAINTENANCE: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	3	1	1	Feet
107	Corrosion	PRIORITY MAINTENANCE: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 30" LONG X FULL WIDTH DOWN TO 1/2" RESIDUAL FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO	3	4	4	Feet
107	Corrosion	58' OF SURFACE CORROSION THROUGHOUT BEAM	2	52		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT BEAM	4	106	106	Square Fe
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	4	1	1	Square Fe
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH IN WEB AND 30" LONG X FULL WIDTH ALONG BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO	4	10	10	Square Fe
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO	4	4	4	Square Fe

Span 2	2	Beam 2						
Plate G	Girder							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	58	0	56	2	0 Feet	
515	Steel Pro	otective Coating	469	359	0	0	110 Square Feet	
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	-
<b>107</b> Co	orrosion	PRIORITY MAINTENANCE: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 9" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO			3	2	2 Feet	
<b>107</b> Co	orrosion	58' OF SURFACE CORROSION THRO	UGHOUT BEA	М	2	56	Feet	
	fectiveness (Steel DETERIORATED PAINT SYST rotective Coatings)		ROUGHOUT BE	EAM	4	106	Square Feet	
Pro	fectiveness (Steel otective Coatings)	PRIORITY MAINTENANCE: DETERIOR ALONG BOTH FACES OF WEB AND BE TO 18" LONG X 2" HIGH IN WEB AND BLONG EDGES OF BOTTOM FLANGE BEARING, CONDITION ON LEFT SIDE	BOTTOM FLAN 9" LONG X 2" V E AT FACE OF	GE UP WIDE BENT	4	4	4 Square Feet	

Number: <u>220015</u>					11 15	spection	Jaie: <u>10/03/2010</u>
an 2	Beam 3						
te Girder							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel C	pen Girder/Beam	58	0	54	4	0	Feet
Steel P	rotective Coating	469	355	0	0	114	Square Feet
nt er Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
Corrosion  PRIORITY MAINTENANCE: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 20" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO					3	3	3 Feet
Corrosion	PRIORITY MAINTENANCE: SCALING BOTH FACES OF WEB UP TO 6" HIGH TO 1/8" LOSS OF SECTION AROUND CONDITION ON RIGHT SIDE SHOWN	X 11" WIDE V BENT DIAPHR	VITH UP	3	1	1	Feet
Corrosion	58' OF SURFACE CORROSION THRO	UGHOUT BEA	М	2	54		Feet
Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THE	ROUGHOUT BE	EAM	4	106	106	Square Feet
Effectiveness (Steel Protective Coatings)  PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 6" HIGH IN WEB AND 20" LONG X 3" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO					6	6	S Square Feet
Effectiveness (Steel Protective Coatings)		E	4	2	2	2 Square Feet	
Protective  General Co		AROUND BENT DIAPHRAGM, CONDI SHOWN IN PHOTO	AROUND BENT DIAPHRAGM, CONDITION ON RIGH SHOWN IN PHOTO	AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO

Spa	า 2	Beam 4						
Plate	e Girder							
Elen Num 107	ber	Element Name	Total Qty 58	CS1 Qty 0	CS2 Qty 52	Qty Qty Qty		- -eet
515	Steel P	rotective Coating	469	352	0	0	117 8	Square Feet
Element	Defeat Tree	Defect Descriptio		cs	CS Qty	Maint Qty		
107	Corrosion	PRIORITY MAINTENANCE: SCALING A BOTH FACES OF WEB UP TO 14" HIGI UP TO 1/2" DIAMETER HOLES AROUN CONDITION ON RIGHT SIDE SHOWN I	4			Feet		
107	Corrosion	ALONG BOTH EDGES OF BOTTOM FL LONG X 2" WIDE DOWN TO 5/16" RES	PRIORITY MAINTENANCE: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE DOWN TO 5/16" RESIDUAL FLANGE ALONG EDGES AT FACE OF END BENT 2 BEARING,					Feet
107	Corrosion	PRIORITY MAINTENANCE: SCALING A ALONG BOTH FACES OF WEB AND BO TO 58" LONG X 8" HIGH WITH UP TO 1 SECTION IN WEB AND 28" LONG X 3" RESIDUAL FLANGE ALONG EDGES O AT FACE OF BENT BEARING, CONDIT SHOWN IN PHOTO	GE UP TO 9/16" ANGE	3	5	5	Feet	
107	Corrosion	58' OF SURFACE CORROSION THROU	JGHOUT BEA	М	2	52		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THRO	EAM	4	106	106	Square Feet	
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIOR ALONG BOTH EDGES OF BOTTOM FL		4	1	1	Square Feet	

Structure	Number: <u>220015</u>			Inspe	ction Date: 10/03/2016
		LONG X 2" WIDE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO			
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH IN WEB AND 28" LONG X 3" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO	4	8	8 Square Feet
515	Effectiveness (Steel Protective Coatings)	PRIORITY MAINTENANCE: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 14" HIGH X 12" WIDE WITH UP TO 1/2" DIAMETER HOLES AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO	4	2	2 Square Feet
	General Comments				

Span	an 2 Expansion Joint 2										
Stand	lard Joint										
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
301	Pourab	le Joint Seal	24	13	0	11	0 F	eet			
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty				
<b>301</b> S	Seal Damage	DETERIORATED JOINT MATERI. VARIOUS LOCATIONS THROUG SOUTHBOUND LANE SHOWN IN	HOUT, CONDITION		3	11	11	Feet			
Ge	eneral Comments										

Span 2 Concrete	e Railing	Left Bridge	Rail					
Element Number 331	Reinfor	Element Name ced Concrete Bridge Railing	<b>Total</b> <b>Qty</b> 58	CS1 Qty 57	CS2 Qty 0	CS3 Qty 1	<b>CS4</b> <b>Qty</b> 0 Fe	eet
Element Number	Defect Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
	Delamination/Spall 10" X 4" X 2" DEEP SPALL IN SOUTH E APPROXIMATELY 16' FROM END BEN General Comments				3	1	1	Feet

Spa	an 2		Near B	earing					
Мо	vable B	earing							
	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
Eleme	Do	fect Type	Defect	Description		cs	CS Qty	Maint Qty	
311	Corrosio	n	SCALING AND PACK RUST BEARING AT BENT	THROUGHOUT BEAM 1		3	1		1 Each
515			DETERIORATED PAINT SYS BEARING AT BENT	STEM THROUGHOUT BE	AM 1	4	1		1 Square Feet
	General (	Comments							

Spa	an 2	Far Bearin	ng					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	ed Bearing	1	0	1	0	0	Each
515	Ste	el Protective Coating	1	0	1	0	0	Square Feet
Eleme	Dofoct Type	e Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUBEAM 1 BEARING AT END BEN		ACE OF	2	1		Each
515	Effectiveness (Ste Protective Coating			POSED	2	1		1 Square Feet
	General Commen	ts						

Element Nam Movable Bearing Steel Protective Coating	me	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty	CS4 Qty	
Movable Bearing	me		<b>Qty</b> 0	Qty 0	Qty	Qty	
S .		1 1	-	_	1	0	Each
Steel Protective Coating		1	0	0			
			U	0	0	1	Square Feet
уре	Defect Description	n		cs	CS Qty	Maint Qty	
orrosion SCALING AND PACK RUST THROUGHOUT BEAM 2 BEARING AT BENT				3	1		1 Each
(		DUGHOUT BE	AM 2	4	1		1 Square Feet
( a	SCALING AND BEARING AT B Steel DETERIORATE	SCALING AND PACK RUST THROUGH BEARING AT BENT Steel DETERIORATED PAINT SYSTEM THRO tings) BEARING AT BENT	SCALING AND PACK RUST THROUGHOUT BEAM 2 BEARING AT BENT Steel DETERIORATED PAINT SYSTEM THROUGHOUT BE tings) BEARING AT BENT	SCALING AND PACK RUST THROUGHOUT BEAM 2 BEARING AT BENT Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 tings) BEARING AT BENT	SCALING AND PACK RUST THROUGHOUT BEAM 2 3 BEARING AT BENT  Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 4 tings) BEARING AT BENT	SCALING AND PACK RUST THROUGHOUT BEAM 2 3 1 BEARING AT BENT  Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 4 1 tings) BEARING AT BENT	SCALING AND PACK RUST THROUGHOUT BEAM 2 3 1 BEARING AT BENT  Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 4 1 tings) BEARING AT BENT

Spa	an 2	Far Bearin	g					
Fixe	ed Bearing							
	ment mber	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	1	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU BEAM 2 BEARING AT END BENT		ACE OF	2	1		Each
515	Effectiveness (Stee Protective Coatings			POSED	2	1		1 Square Feet
	<b>General Comments</b>							

Span 2 Movabl	e Bearing	Near Bear	ring				
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movabl	e Bearing	1	0	0	1	0 Each
515	Steel P	rotective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
<b>311</b> Cor	rosion	SCALING AND PACK RUST THE	ROUGHOUT BEAM 3		3	1	1 Each

515 Effectiveness (Steel DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 4 1 1 Square Feet Protective Coatings) BEARING AT BENT

**General Comments** 

Sp	an 2			Far Bearing						
Fix	ed Bearing									
	ement ımber		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	1	0	0	Square Feet
Eleme Numb	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		SURFACE CORRO BEAM 3 BEARING	SION THROUGHOUT E AT END BENT 2	XPOSED F	ACE OF	2	1		Each
515	Effectiveness Protective Co	`	-	AINT SYSTEM THROUG BEARING AT END BEN		POSED	2	1		1 Square Feet
	General Com	ments								

Sp	an 2			Near Bearing						
Мо	vable Bearin	ng								
	ement ımber		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
Eleme Numb	Dofoct	Гуре		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosion		SCALING AND PAC BEARING AT BENT	K RUST THROUGHOU	T BEAM 4		3	1		1 Each
515	15 Effectiveness (Steel DETERIORATED F Protective Coatings) BEARING AT BEN		AINT SYSTEM THROUG	GHOUT BE	AM 4	4	1		1 Square Feet	
	General Comr	nents								

Spa	ın 2	Far Bearin	g					
Fixe	ed Bearing							
	ment 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 Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313	313 Corrosion SURFACE CORRO BEAM 4 BEARING		OSION THROUGHOUT EXPOSED FACE OF 3 AT END BENT 2		2	1		Each
		DETERIORATED PAINT SYSTEM FACE OF BEAM 4 BEARING AT I		POSED	2	1		1 Square Feet

Ber	nt 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber Reinfor	Element Name ced Concrete Pier Cap	Total Qty 23	CS1 Qty 0	CS2 Qty	<b>CS3</b> <b>Qty</b> 22	CS4 Qty 0 Fe	et
Eleme	Dofoct Type	Defect Descript	tion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)  56" X 6" X 3" AREA OF DELAMINATION AND UP TO 1/8" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS THROUGHOUT TOP, BOTTOM AND SPAN 2 FACE OF CAP, CONDITION BENEATH BAY 2 SHOWN IN PHOTO			3	22	22	Feet	
234	Cracking (RC and Other)	UP TO 0.04" MAP CRACKS IN BOTH EXTENDING INTO ALL FACES, CRA SHOWN IN PHOTO		D	2	1	2	Feet
	<b>General Comments</b>							

End	d Bent 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfo	rced Concrete Pier Cap	29	26	0	3	0	Feet
Eleme	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Delamination/Spall		PRIORITY MAINTENANCE: 28" X 8" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR IN FACE OF CAP TO RIGHT OF BEAM 1 (SEE PHOTO)			3	3	3 Feet
	General Comments							

t 1	Pile 1						
nforced Concrete	Column						
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Column	1	0	0	1	0 Ea	ch
t Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
Delamination/Spall	EXPOSED REBAR IN NORTHEAST	CORNER OF COL		3		2	Each
Delamination/Spall	EXPOSED REBAR IN NORTHEAST	CORNER OF COL		3	1	5	Each
Cracking (RC and Other)				2		3	Each
Cracking (RC and Other)				2		3	Each
Delamination/Spall	0.012" VERTICAL CRACKS IN SOU	THWEST CORNER	ROF	2			Each
	nforced Concrete ment nber Reinforc  t Defect Type Delamination/Spall  Cracking (RC and Other)  Cracking (RC and Other)	nent nber Element Name Reinforced Concrete Column  t Defect Type Defect Description PRIORITY MAINTENANCE: 18" X 7 EXPOSED REBAR IN NORTHEAST APPROXIMATELY 13' FROM BOTT PHOTO)  Delamination/Spall PRIORITY MAINTENANCE: 55" X 6 EXPOSED REBAR IN NORTHEAST APPROXIMATELY 16' FROM BOTT PHOTO)  Cracking (RC and Other) VERTICAL CRACKS IN SOUTHEAST AT BOTTOM OF CAP  Cracking (RC and Other) UP TO 0.025" VERTICAL CRACKS OF COLUMN, APPROXIMATELY 9' Delamination/Spall 8" X 3" X 2 1/2" AREA OF DELAMING 0.012" VERTICAL CRACKS IN SOUTHEAST AT BOTTOM OF CAP	nent Element Name Qty Reinforced Concrete Column 1  t Defect Type Defect Description  Delamination/Spall PRIORITY MAINTENANCE: 18" X 7" X 2" DEEP SPALIEX POSED REBAR IN NORTHEAST CORNER OF COLAPPROXIMATELY 13' FROM BOTTOM OF CAP (SEE PHOTO)  Delamination/Spall PRIORITY MAINTENANCE: 55" X 6" X 2" DEEP SPALIEX POSED REBAR IN NORTHEAST CORNER OF COLAPPROXIMATELY 16' FROM BOTTOM OF CAP (SEE PHOTO)  Cracking (RC and Other) VERTICAL CRACKS IN SOUTHEAST CORNER OF COLAT BOTTOM OF CAP  Cracking (RC and Other) VERTICAL CRACKS IN SOUTHWEST CORNER OF COLAT BOTTOM OF CAP  Cracking (RC and Other) VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 9' FROM BOTTOM OF COLUMN APPROXIMATELY 9' FROM B	ment Element Name Qty Qty Reinforced Concrete Column 1 0  t Defect Type Defect Description  Delamination/Spall PRIORITY MAINTENANCE: 18" X 7" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 13' FROM BOTTOM OF CAP (SEE PHOTO)  Delamination/Spall PRIORITY MAINTENANCE: 55" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 16' FROM BOTTOM OF CAP (SEE PHOTO)  Cracking (RC and Other) 33" X 16" X 4" AREA OF DELAMINATION WITH UP TO 0.025" VERTICAL CRACKS IN SOUTHEAST CORNER OF COLUMN AT BOTTOM OF CAP  Cracking (RC and Other) UP TO 0.025" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 9' FROM BOTTOM OF CAP	Interest Flement Name Programment Reinforced Concrete Column Reinforced Concrete Column Northeast Corner Of Column, Approximately 13' From Bottom Of Cap (SEE PHOTO)  Delamination/Spall Priority Maintenance: 55" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 16' FROM BOTTOM OF CAP (SEE PHOTO)  Cracking (RC and Other) Vertical Cracks In Southeast Corner Of Column AT Bottom Of Cap  Cracking (RC and Other) Up TO 0.025" Vertical Cracks In Southwest Corner Of Cap Of Column, Approximately 9' From Bottom Of Cap Delamination/Spall 8" X 3" X 2 1/2" AREA OF DELAMINATION WITH UP TO 0.012" Vertical Cracks In Southwest Corner Of Cap O.012" Vertical Cra	ment Blement Name Blement Name Blement Name Blement Name Blement Name Caty Caty Caty Caty Caty Caty Caty Caty	Interior Element Name

Ben	t 1	Pile 2						
Reir	nforced Concrete	Column						
	ment nber Reinford	Element Name ced Concrete Column	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	CS2 Qty	CS3 Qty 1	CS4 Qty 0 Each	
Elemen Numbe	Dofoct Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	17" X 5" X 3" AREA OF DELAMINATIC VERTICAL CRACKS IN NORTHWEST COLUMN, APPROXIMATELY 13' FRO	CORNER OF	.,	3	1	2 Each	
205	Cracking (RC and Other)	36" X 5" X 6" AREA OF DELAMINATIC VERTICAL CRACKS IN NORTHWEST COLUMN, APPROXIMATELY 9' FROM	CORNER OF	.,	3		3 Each	
205	Delamination/Spall	PRIORITY MAINTENANCE: 66" X 4" X EXPOSED REBAR IN SOUTHWEST C AT BOTTOM OF CAP (SEE PHOTO)			3		6 Each	
7	General Comments							

End	l Bent 2	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215 Reinfor		ced Concrete Abutment	29	28	1	0	0	Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Delamination/Spall	10" X 8" AREA OF DELAMINATION IN FACE OF CURTAIN WALL TO LEFT OF GIRDER 1			2	1		1 Feet
	0							

#### **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1208
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	48
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	48
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
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	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed 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	1462
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	58
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	58
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	58
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	58
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 2	Expansion Joint 2	Standard Joint	Pourable Joint Seal	24
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	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	23
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	29
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	29
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	29
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	29

# **National Bridge and NC Inspection Items**

Structure Number: 220015 Inspection Date: 10/03/2016

#### **National Bridge Inventory Items**

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	5
Item 59: Superstructure	0 - 9 , N	6
Item 60: Substructure	0 - 9 , N	6
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**

ltem	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	2520	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				
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	G		
Estimated Remaining Life	0 - 100 Years	10		
Superstructure Paint Code		Α		

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

#### **Inspection Information**

Item	Grade Scale	Grade
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	13
Traffic Control Time	Hours	12
Snooper Time	Hours	4
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

## National Bridge and NC SMU Inspection Item Details

Structure Number: 220015 Inspection Date: 10/03/2016

 Item
 Superstructure - Item 59
 Grade 6
 Maint Code Qty.
 Qty. 0

 Details
 BENT DIAPHRAGMS: UP TO FULL LENGTH X FULL WIDTH X UP TO 6" DEEP SPALLS WITH EXPOSED REBAR IN

DIAPHRAGMS, OP TO FULL LENGTH A FULL WIDTH A UP TO 6 DEEP SPALLS WITH EXPOSED REBAR IN DIAPHRAGMS, CONDITION IN BAY 2 OF SPAN 1 SHOWN IN PHOTO

**Maint Code** 

Qty. 0

Details DENT STRUTS: LID TO 47" V 40" V 2" AREAS OF DELAMINATION WITH LID TO 4/4" HORIZONTAL AND

**Details** BENT STRUTS: UP TO 47" X 10" X 2" AREAS OF DELAMINATION WITH UP TO 1/4" HORIZONTAL AND LONGITUDINAL CRACKS IN VARIOUS LOCATIONS THROUGHOUT EDGES OF STRUTS

Item Approach Roadway Alignment - Item 72 Grade 8 Maint Code Qty. 0

 $\textbf{Details} \ \ 12" \ X \ 4" \ X \ \text{FULL DEPTH POTHOLE IN WHEEL LINE OF NORTHBOUND LANE ALONG END BENT 1 FILL FACE}$ 

THREE (3) POTHOLES UP TO 42" X 7" X FULL DEPTH IN NORTHBOUND LANE ALONG END BENT 2 FILL FACE

Item Priority Maintenance Issued Grade Y Maint Code Qty. 0

Details END BENT 1 CAP

Item

SPAN 1 BEAM 1 AND PAINT SYSTEM (x3) SPAN 1 BEAM 2 AND PAINT SYSTEM (x2) SPAN 1 BEAM 3 AND PAINT SYSTEM SPAN 1 BEAM 4 AND PAINT SYSTEM (x2)

BENT 1 COLUMN 1 (x2) BENT 1 COLUMN 2

Substructure - Item 60

SPAN 2 BEAM 1 AND PAINT SYSTEM (x3) SPAN 2 BEAM 2 AND PAINT SYSTEM SPAN 2 BEAM 3 AND PAINT SYSTEM (x2) SPAN 2 BEAM 4 AND PAINT SYSTEM (x3)

Item Deck Debris Grade F Maint Code 3376 Qty. 2520

**Details** DIRT AND DEBRIS ACCUMULATION IN BOTH SHOULDERS, ACCUMULATION IN LEFT SHOULDER SHOWN IN PHOTO



Span 1 Deck: UP TO 21" X 12" X 1 3/4" DEEP SPALLS WITH EXPOSED REBAR AND UP TO 9" X 9" AREAS OF DELAMINATION THROUGHOUT BOTTOM OF BOTH OVERHANGS, CONDITION IN BOTTOM OF RIGHT OVERHANG NEAR MIDSPAN SHOWN



Span 1 Beam 3 Near Bearing: SURFACE CORROSION THROUGHOUT EXPOSED FACE OF BEAM 3 BEARING AT END BENT 1



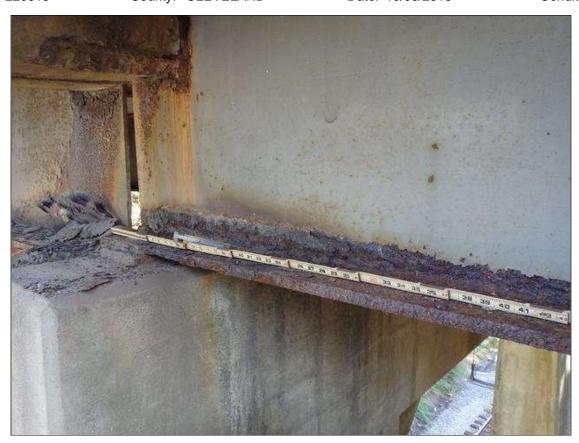
End Bent 1 Cap 1: 28" X 8" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR IN FACE OF CAP TO RIGHT OF BEAM 1, PRIORITY MAINTENANCE



Span 1 Beam 1: SCALING AND PACK RUST ALONG BOTTOM FLANGE UP TO 6" LONG X FULL WIDTH DOWN TO 5/8" RESIDUAL FLANGE AT FACE OF END BENT 1 BEARING, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Deck: UP TO 22" X 16" X 1 1/2" DEEP SPALLS WITH EXPOSED REBAR IN BOTTOM OF BOTH OVERHANGS ABOVE BENT, SPALL IN BOTTOM OF LEFT OVERHANG SHOWN



Span 1 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 102" LONG X 3" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 13" LONG X 3" WIDE DOWN TO 1/2" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 1: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE WITH 4" X 1/4" HOLE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



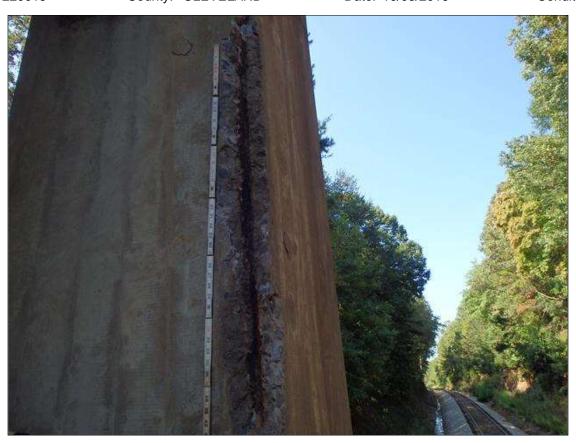
Span 1 Beam 1: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 14" HIGH X 10" WIDE WITH UP TO 1/16" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Bent 1 Cap 1: UP TO 0.04" MAP CRACKS IN BOTH ENDS OF CAP EXTENDING INTO ALL FACES, CRACKS IN LEFT END SHOWN



Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 30" LONG X FULL WIDTH DOWN TO 1/2" RESIDUAL FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Bent 1 Pile 1: 55" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 16' FROM BOTTOM OF CAP, PRIORITY MAINTENANCE



Bent 1 Pile 1: 18" X 7" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 13' FROM BOTTOM OF CAP, PRIORITY MAINTENANCE



BENT DIAPHRAGMS: UP TO FULL LENGTH X FULL WIDTH X UP TO 6" DEEP SPALLS WITH EXPOSED REBAR IN DIAPHRAGMS, CONDITION IN BAY 2 OF SPAN 1 SHOWN



Span 1 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 8" LONG X 2 1/2" WIDE DOWN TO 11/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Beam 2: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 7" WIDE WITH UP TO 1/8" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 9" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Beam 3: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 48" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 3" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Beam 3 Far Bearing: SCALING AND PACK RUST THROUGHOUT BEAM 3 BEARING AT BENT



Span 2 Beam 3: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 20" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Bent 1 Cap 1: 56" X 6" X 3" AREA OF DELAMINATION AND UP TO 1/8" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS THROUGHOUT TOP, BOTTOM AND SPAN 2 FACE OF CAP, CONDITION BENEATH BAY 2 SHOWN



Bent 1 Pile 2: 66" X 4" X 2" DEEP SPALL WITH EXPOSED REBAR IN SOUTHWEST CORNER OF COLUMN AT BOTTOM OF CAP, PRIORITY MAINTENANCE



Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 28" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 3: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 6" HIGH X 11" WIDE WITH UP TO 1/8" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 10" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT BENT BEARING, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 4: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 14" HIGH X 12" WIDE WITH UP TO 1/2" DIAMETER HOLES AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 1 Beam 4: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 11" WIDE WITH UP TO 1/16" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE DOWN TO 5/16" RESIDUAL FLANGE AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN, PRIORITY MAINTENANCE



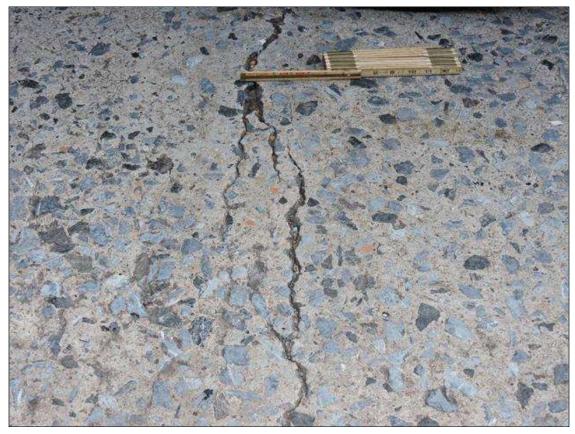
Span 1 Left Bridge Rail: TWO (2) SPALLS UP TO 7" X 5" X 2" DEEP IN ENDS OF RAIL, APPROXIMATELY 16' FROM END BENT 1



DIRT AND DEBRIS ACCUMULATION IN BOTH SHOULDERS, ACCUMULATION IN LEFT SHOULDER SHOWN



Expansion Joint 2: DETERIORATED JOINT MATERIAL ALONG BENT JOINT IN VARIOUS LOCATIONS THROUGHOUT, CONDITION IN SOUTHBOUND LANE SHOWN



Span 1 Deck: UP TO 1/2" TRANSVERSE CRACKS AND UP TO 1/16" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS THROUGHOUT, CRACKS NEAR MIDSPAN SHOWN



Span 2 Deck: UP TO 0.03" MAP CRACKS THROUGHOUT TOP OF DECK, CRACKS IN NORTHBOUND LANE APPROXIMATELY 8' FROM BENT SHOWN



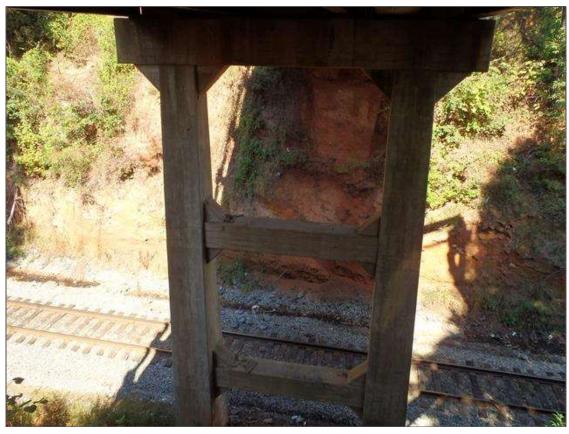
Span 2 Deck: 13 PATCHED AREAS UP TO 15' X 67" IN TOP OF DECK IN VARIOUS LOCATIONS THROUGHOUT, CONDITION IN NORTHBOUND LANE APPROXIMATELY 16' FROM END BENT 2 FILL FACE SHOWN



Span 2 Deck: 16" X 7" X 1" DEEP SPALL IN TOP OF DECK IN WHEEL LINE OF SOUTHBOUND LANE, APPROXIMATELY 8' FROM END BENT 2 FILL FACE



END BENT 1, END BENT 2 SIMILAR



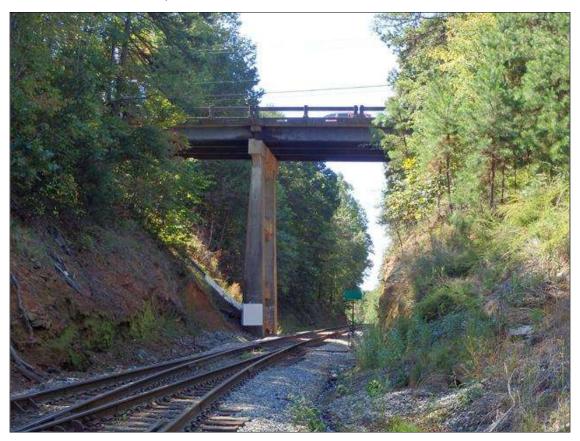
BENT



SPAN 2 UNDERDECK, SPAN 1 SIMILAR



BEAM 1 BEARING AT BENT IN SPAN 1, OTHERS SIMILAR AT BENT



EAST PROFILE, LOOKING WEST



WEST PROFILE, LOOKING EAST



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



GUARDRAIL TO BARRIER RAIL TRANSITION AT SOUTHEAST CORNER, OTHERS SIMILAR



LEFT RAIL, RIGHT RAIL SIMILAR



TRANSITION ALONG END BENT 1 FILL FACE, TRANSITION ALONG END BENT 2 FILL FACE SIMILAR



LOOKING EAST



LOOKING WEST



GUARDRAIL END TREATMENT AT NORTHWEST CORNER



BENT JOINT



LOOKING NORTH



NORTH APPROACH, LOOKING SOUTH

### NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 02/23/2017

220015	SUFFICIENCY RATING =	71.09
450015	STATUS = Functionally Obsolete	
1001800		
1	CLASSIFICATION —	CODE
61200	(112)NBIS BRIDGE SYSTEM -	YES
	(104)HIGHWAY SYSTEM Is not on NHS	0
	(26) FUNCTIONAL CLASS - Minor Arterial	16
	(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
0	(101)PARALLEL STRUCTURE - No Parallel Structure	N
	(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
	(103)TEMPORARY STRUCTURE -	
	(110)DESIGNATED NATIONAL NETWORK - Not on the National Network	0
	(20) TOLL On Free Road	3
	(31) MAINTAIN - State Highway Agency	01
	(22) OWNER - State Highway Agency	01
E 302	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
E 000	— CONDITION —	CODE
2	(58) DECK	5
	(59) SUPERSTRUCTURE	6
E	(60) SUBSTRUCTURE	6
	(61) CHANNEL & CHANNEL PROTECTION	N
E	(62) CULVERTS	N
E	LOAD RATING AND POSTING ————	CODE
E		2
	· ·	1
		50
1950	(- ) -	1
		30
		5
E 12		A
0	DESCRIPTION - Open, No Restriction	•
8700	APPRAISAL ———	CODE
6%	(67) STRUCTURAL EVALUATION	6
3 MI	(68) DECK GEOMETRY	2
	(69) UNDERCLEARANCES, VERTI & HORIZ	4
56 FT	(71) WATERWAY ADEQUACY	N
105 FT	(72) APPROACH ROADWAY ALIGNMENT	8
1 FT	(36) TRAFFIC SAFETY FEATURES	0111
24 FT	(113)SCOUR CRITICAL BRIDGES	N
3.167 FT	PROPOSED IMPROVEMENTS	
22 FT		
Ε 0		
0	• •	
99.9 FT		
24 FT	• •	
99.9 FT		
4.08 FT		2025
8 FT	(110) TENRY OTONE ADT	2023
000 FT		
	(90) INSPECTION DATE 10/	/03/2016
	(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE	
	(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE	
E N	A) FRACTURE CRIT DETAIL - NO A)	
E	(,,,,,,,,,,	
	A) FRACTURE CRIT DETAIL - NO A)	
	1001800 1 61200 0 0 E 302 E 000 2 E E E E E E E E E E E E E E E E E E E	CLASSIFICATION

Structure No: 220015 County: CLEVELAND Run Date:

		rtical					c			Fraffic	nce		See Not	e 1				ute
Span Number	ire Inters	Inventory Route Minimum Maximum Ver	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily		Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Designator	Direction of Traffic Highway System of Route
	6	5 10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102 104
2	RR 800	000000						0	0	0		R	34.08	8		9		

#### **BRIDGE MANAGEMENT UNIT**

DATA ON EXISTING STRUCTURE Run Date: 02/23/2017

2

**UNDER** 

0

COUNTY: DIVISION: DISTRICT: STRUCTURE NUMBER: LENGTH:

CLEVELAND 12 1 220015 105 FEET

ROUTE CARRIED: FEATURE INTERSECTED:

NC180 CSX RR

LOCATED: BRIDGE NAME:

0.3 MI. N. JCT. NC150 CITY:

\*SHELBY

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

16 FA NFA 8700 2013 LT 181 RT 181

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

1950 SHPWC 9-9-80-20 H 15

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

TAN 90 ON

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

VC 0 FT HC 0 FT 0 FT 0 FT

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: ABUTMENTS:RC STUB, INTERIOR BENT:RC POST & BEAM, SPREAD FOOTINGS

SPANS: 1@47'6", 1@57'6" SIMPLE

BEAMS OR GIRDERS: 4 LINES OF I-BEAMS @ 6'9" CENTERS, SP#1:W30X116, SP#2:W33X141

FLOOR: ENCROACHMENT: DECK (OUT TO OUT):

6.75" RC SLAB 28.167 FT

CLEAR ROADWAY: BETWEEN RAILS: SIDEWALK OR CURB:

24 FT 26 FT LT 1 FT RT 1 FT

VERT.CL.OVER: 999.9 FT

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

HS-17 HS-28 Extbm(A) SV TTST DATE 02/26/2014

SYSTEM: GREEN LINE ROUTE:

Primary N.C. Route N

#### UNDER ROUTES AND CLEARANCES

		Vertical C	learances	Horizo	Horizontal Clearances			
Span	Route Description	MMVC	MVC	Total	Left	Right		
2	RR	0	34.08	0	0	8		

Note: All measurements are in feet.

County CLEVELAND Bridge: 220015 Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	0	Span 1 Beam 1: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 14" HIGH X 10" WIDE WITH UP TO 1/16" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: SCALING AND PACK RUST ALONG BOTTOM FLANGE UP TO 6" LONG X FULL WIDTH DOWN TO 5/8" RESIDUAL FLANGE AT FACE OF END BENT 1 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	9	Span 1 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 102" LONG X 3" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 13" LONG X 3" WIDE DOWN TO 1/2" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 8" LONG X 2 1/2" WIDE DOWN TO 11/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	0	Span 1 Beam 2: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 7" WIDE WITH UP TO 1/8" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	



Bridge: 220015 County CLEVELAND Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	4	Span 1 Beam 3: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 48" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 3" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	0	Span 1 Beam 4: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 11" WIDE WITH UP TO 1/16" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 10" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT BENT BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 30" LONG X FULL WIDTH DOWN TO 1/2" RESIDUAL FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 1: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE WITH 4" X 1/4" HOLE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	



County CLEVELAND Bridge: 220015 Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 9" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 3: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 20" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 3: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 6" HIGH X 11" WIDE WITH UP TO 1/8" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 4: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 14" HIGH X 12" WIDE WITH UP TO 1/2" DIAMETER HOLES AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	



County CLEVELAND Bridge: 220015 Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 28" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE DOWN TO 5/16" RESIDUAL FLANGE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	4	Span 2 Beam 1: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3348	Maintain Concrete Substructure Components	LF	3	End Bent 1 Cap 1: 28" X 8" X 1 1/2" DEEP SPALL WITH EXPOSED REBAR IN FACE OF CAP TO RIGHT OF BEAM 1.	
3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 1: 55" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 16' FROM BOTTOM OF CAP.	
3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Pile 1: 18" X 7" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 13' FROM BOTTOM OF CAP.	
3348	Maintain Concrete Substructure Components	LF	6	Bent 1 Pile 2: 66" X 4" X 2" DEEP SPALL WITH EXPOSED REBAR IN SOUTHWEST CORNER OF COLUMN AT BOTTOM OF CAP.	
3342	Clean and Paint Structural Steel	SF	2	Span 1 Beam 1: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 14" HIGH X 10" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	



Bridge: 220015 County CLEVELAND Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3342	Clean and Paint Structural Steel	SF	1	Span 1 Beam 1: DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE UP TO 6" LONG AT FACE OF END BENT 1 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	18	Span 1 Beam 1: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 102" LONG X 3" HIGH IN WEB AND 13" LONG X 3" WIDE ALONG BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	4	Span 1 Beam 2: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 4" HIGH IN WEB AND 8" LONG X 2 1/2" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	2	Span 1 Beam 2: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 13" HIGH X 7" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	8	Span 1 Beam 3: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 48" LONG X 4" HIGH IN WEB AND 3" LONG X 2" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	2	Span 1 Beam 4: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12" LONG X 2" HIGH IN WEB AND 10" LONG X 2" WIDE ALONG EDGES OF BOTTOM FLANGE AT BENT BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	2	Span 1 Beam 4: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 13" HIGH X 11" WIDE AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	

Bridge: 220015 County CLEVELAND Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3342	Clean and Paint Structural Steel	SF	10	Span 2 Beam 1: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH IN WEB AND 30" LONG X FULL WIDTH ALONG BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	1	Span 2 Beam 1: DETERIORATED PAINT SYSTEM ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	4	Span 2 Beam 2: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH IN WEB AND 9" LONG X 2" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	6	Span 2 Beam 3: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 6" HIGH IN WEB AND 20" LONG X 3" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	2	Span 2 Beam 3: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 6" HIGH X 11" WIDE AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	2	Span 2 Beam 4: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 14" HIGH X 12" WIDE AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	



Bridge: 220015 County CLEVELAND Date: 10/03/2016

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3342	Clean and Paint Structural Steel	SF	8	Span 2 Beam 4: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH IN WEB AND 28" LONG X 3" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.	
3342	Clean and Paint Structural Steel	SF	1	Span 2 Beam 4: DETERIORATED PAINT SYSTEM ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.	



Bridge: 220015 County CLEVELAND

MMS Code	MMS Desc	ription		Quantity					
3314	Maintain Ste	el Superstructure Components		0	LF				
Location:									
		Bent/Span No.							
Priority Leve	I	Status							
Priority Maintenance D		Division Bridge Maintenance Noti	Division Bridge Maintenance Notification Received						
Submitted D	ate: Submit	ted By:	Assisted By:						
10/03/2016	D. Cu	tis							
Details									
			S OF WEB UP TO 14" HIGH X 10" W NDITION ON LEFT SIDE SHOWN IN		JP TO				

MMS Code	MN	∕IS Descrip	otion		Quantity			
3314 Maintain Steel Superstructure Co			Superstructure Components		1	LF		
Location:								
Bent/Span No.								
Priority Level			Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification Received					
Submitted D	ate:	Submitte	d By:	Assisted By:				
10/03/2016		D. Curtis	S					
Details								
				M FLANGE UP TO 6" LONG X FULL RING, CONDITION ON RIGHT SIDE				

Bridge: 220015 County CLEVELAND

ON LEFT SIDE SHOWN IN PHOTO.

MMS Code	MMS Description				Quantity		
3314	Maint	Maintain Steel Superstructure Components					
Location:							
			Bent/Span No.				
Priority Leve	el .		Status				
Priority Main	itenanc	e	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	3				
Details	Details						
Span 1 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 102" LONG X 3" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 13" LONG X 3" WIDE DOWN TO 1/2" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

MMS Code	M	MMS Description				Quantity	
3314	Mai	ntain Stee	ain Steel Superstructure Components				
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		ice	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitted By:		Assisted By:			
10/03/2016		D. Curtis					
Details							
Span 1 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 8" LONG X 2 1/2" WIDE DOWN TO 11/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION							

Bridge: 220015 County CLEVELAND

MMS Code	MMS Description				Quantity	
3314	Maintain Steel Superstructure Components				LF	
Location:						
		Bent/Span No.				
Priority Level	I	Status				
Priority Maintenance		Division Bridge Maintenance Notification Received				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
10/03/2016	D. Curt	is				
Details						
Span 1 Beam 2: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 7" WIDE WITH UP TO 1/8" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.						

•							
MMS Code	MN	MMS Description					
3314	Mai	Maintain Steel Superstructure Components 4					
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitted By:		Assisted By:			
10/03/2016		D. Curti	s				
Details							
Span 1 Beam 3: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 48" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 3" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

Bridge: 220015 County CLEVELAND

SIDE SHOWN IN PHOTO.

MMS Code	MMS Description							
3314	Maintain Stee	Maintain Steel Superstructure Components						
Location:	Location:							
		Bent/Span No.						
Priority Leve	I	Status						
Priority Maintenance		Division Bridge Maintenance Notification Received						
Submitted Da	ate: Submitte	ed By:	Assisted By:					
10/03/2016	D. Curt	s						
Details	Details							
Span 1 Beam 4: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 13" HIGH X 11" WIDE WITH UP TO 1/16" LOSS OF SECTION AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.								

MMS Code	MN	MMS Description				Quantity	
3314	Mai	aintain Steel Superstructure Components				LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitted By:		Assisted By:			
10/03/2016		D. Curti	S				
Details							
Span 1 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 10" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT BENT BEARING, CONDITION ON RIGHT							

Bridge: 220015 County CLEVELAND

MMS Code	MM	S Descrip	otion		Quantity		
3314	Main	tain Steel	Superstructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		e	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	S				
Details							
Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 55" LONG X 6" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 30" LONG X FULL WIDTH DOWN TO 1/2" RESIDUAL FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

MMS Code	MN	MMS Description			Quantity		
3314	Mai	Maintain Steel Superstructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		ice	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	S				
Details							
Span 2 Beam 1: SCALING AND PACK RUST IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE WITH 4" X 1/4" HOLE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

Bridge: 220015 County CLEVELAND

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	el Superstructure Components		1	LF	
Location:	Location:					
Bent/Span No.						
Priority Level		Status				
Priority Maintenance		Division Bridge Maintenance Notification Received				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
10/03/2016	D. Curt	is				
Details						
Span 2 Beam 1: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 4" LONG X 5" WIDE DOWN TO 1/4" RESIDUAL FLANGE AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.						

MMS Code	MN	MMS Description Quantity				
3314	Mai	Maintain Steel Superstructure Components				LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification Received			
Submitted D	ate:	Submitte	d By:	Assisted By:		
10/03/2016		D. Curti	s			
Details						
Span 2 Beam 2: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 9" LONG X 2" WIDE DOWN TO 3/4" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.						

Bridge: 220015 County CLEVELAND

MMS Description

MMS Code

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

Quantity

3314	Maii	ntain Stee	I Superstructure Components		3	LF
Location:						
			Bent/Span No.			
Priority Leve	Priority Level Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication Received		
Submitted D	ate:	Submitte	d By:	Assisted By:		
10/03/2016		D. Curti	s			
Details						
LONG X 6"	HIGH FLAN	WITH UP GE ALON	TO 1/16" LOSS OF SECTION IN V	FACES OF WEB AND BOTTOM FLA VEB AND 20" LONG X 3" WIDE DOV AT FACE OF BENT BEARING, CON	WN TO 9/16	6"
		40 D :			0 111	
MMS Code		/IS Descrip			Quantity	
3314	Maii	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication Received		
Submitted D	ate:	Submitte	d By:	Assisted By:		
10/03/2016	0/03/2016 D. Curtis		S			
Details	Details					
				S OF WEB UP TO 6" HIGH X 11" WI DITION ON RIGHT SIDE SHOWN IN		JP TO

County CLEVELAND Bridge: 220015

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS De	scrip	otion		Quantity			
3314	Maintain S	tain Steel Superstructure Components			1	LF		
Location:								
Bent/Span No.								
Priority Level			Status	itus				
Priority Maintenance			Division Bridge Maintenance Notification Received					
Submitted Da	ate: Subr	mitte	d By:	Assisted By:				
10/03/2016	D. (	Curti	S					
Details								
				S OF WEB UP TO 14" HIGH X 12" W DITION ON RIGHT SIDE SHOWN IN		JP TO		

MMS Code	MN	MMS Description Quantit					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Noti	fication Received			
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curti	s				
Details							
LONG X 8" I	Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH WITH UP TO 1/16" LOSS OF SECTION IN WEB AND 28" LONG X 3" WIDE DOWN TO 9/16" RESIDUAL FLANGE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT						

SIDE SHOWN IN PHOTO.

Bridge: 220015 County CLEVELAND

MMS Code	MMS	S Descrip	otion		Quantity		
3314	Maint	tain Steel	Superstructure Components		1	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		e	Division Bridge Maintenance Notification Received				
Submitted Da	ate:	Submitted	d By:	Assisted By:			
10/03/2016		D. Curtis	3				
Details							
Span 2 Beam 4: SCALING AND PACK RUST ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE DOWN TO 5/16" RESIDUAL FLANGE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.							

MMS Code	MN	MMS Description			Quantity		
3342	Clea	Clean and Paint Structural Steel			4	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		ice	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	S				
Details							
Span 2 Beam 1: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 15" HIGH X 12" WIDE AROUND BENT DIAPHRAGM, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

Bridge: 220015 County CLEVELAND

MMS Code	MMS Descri	ption		Quantity			
3348	Maintain Con	Maintain Concrete Substructure Components			LF		
Location:							
Bent/Span No.							
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Notification Received					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
10/03/2016	D. Curt	is					
Details							
End Bent 1 C 1.	Cap 1: 28" X 8"	X 1 1/2" DEEP SPALL WITH EXPO	OSED REBAR IN FACE OF CAP TO	RIGHT OF I	3EAM		

MMS Code	MN	MMS Description			Quantity	
3348	Mai	ntain Cond	ete Substructure Components 5			LF
Location:						
Bent/Span No.						
Priority Level			Status			
Priority Main	Priority Maintenance		Division Bridge Maintenance Notification Received			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
10/03/2016		D. Curti	S			
Details						
Bent 1 Pile 1: 55" X 6" X 2" DEEP SPALL WITH EXPOSED REBAR IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 16' FROM BOTTOM OF CAP.						

Bridge: 220015 County CLEVELAND

MMS Code	MMS Desc	ription		Quantity		
3348	Maintain Co	tain Concrete Substructure Components			LF	
Location:						
Bent/Span No.						
Priority Level		Status				
Priority Maintenance		Division Bridge Maintenance Notification Received				
Submitted Da	ate: Submit	ed By:	Assisted By:			
10/03/2016	D. Cu	tis				
Details						
		DEEP SPALL WITH EXPOSED REDM BOTTOM OF CAP.	BAR IN NORTHEAST CORNER OF	COLUMN,		

MMS Code	MN	MMS Description					
3348	Mai	ntain Cond	crete Substructure Components		6	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification Received				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	S				
Details							
	Bent 1 Pile 2: 66" X 4" X 2" DEEP SPALL WITH EXPOSED REBAR IN SOUTHWEST CORNER OF COLUMN AT BOTTOM OF CAP.						

Bridge: 220015 County CLEVELAND

MMS Code	MM	IS Descrip	otion		Quantity			
3342	Clea	n and Pai	nt Structural Steel		2	SF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status					
Recommend	ded		Routine Maintenance					
Submitted D	ate:	Submitte	d By:	Assisted By:				
10/03/2016		D. Curtis	S					
Details								
			ATED PAINT SYSTEM IN BOTH F GM, CONDITION ON LEFT SIDE S	FACES OF WEB UP TO 14" HIGH X HOWN IN PHOTO.	10" WIDE			
MMS Code	N/1N/	IS Descrip	ation		Quantity			
IVIIVIO CODE	IVIIVI	io Descrip	DUOTI		Quantity			

MMS Code	MN	MMS Description					
3342	Cle	an and Pai	nt Structural Steel		1	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curti	S				
Details							
			ATED PAINT SYSTEM ALONG BOTTON ON RIGHT SIDE SHOWN IN	OTTOM FLANGE UP TO 6" LONG A PHOTO.	T FACE OF	END	

Bridge: 220015 County CLEVELAND

MMS Code	MN	//S Descrip	otion		Quantity		
3342	Clea	an and Pai	18	SF			
Location:							
			Bent/Span No.				
Priority Level			Status				
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	3				
Details							
Span 1 Beam 1: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 102" LONG X 3" HIGH IN WEB AND 13" LONG X 3" WIDE ALONG BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							
		10.5			0 "		

MMS Code	MN	MMS Description					
3342	Cle	Clean and Paint Structural Steel				SF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curti	S				
Details	Details						
TO 20" LON	IG X 4	" HIGH IN		OTH FACES OF WEB AND BOTTON E ALONG EDGES OF BOTTOM FLA PHOTO.			

Bridge: 220015 County CLEVELAND

MMS Code	MM	1S Descrip	otion		Quantity			
3342	Clea	Clean and Paint Structural Steel			2	SF		
Location:								
Bent/Span No.								
Priority Level			Status	Status				
Recommended			Routine Maintenance					
Submitted D	ate:	Submitte	d By:	Assisted By:				
10/03/2016		D. Curtis	S					
Details								
			ATED PAINT SYSTEM IN BOTH F GM, CONDITION ON LEFT SIDE S	FACES OF WEB UP TO 13" HIGH X HOWN IN PHOTO.	7" WIDE			

MMS Code	MN	MMS Description					
3342	Cle	an and Pai	int Structural Steel		8	SF	
Location:							
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curti	s				
Details							
TO 48" LON	IG X 4	" HIGH IN		OTH FACES OF WEB AND BOTTOM LONG EDGES OF BOTTOM FLANG OTO.			

Bridge: 220015 County CLEVELAND

MMS Description

MMS Code

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

Quantity

3342	Clean a	ind Pair	nt Structural Steel		2	SF	
Location:							
			Bent/Span No.				
Priority Leve	<del>j</del> l		Status				
Recommend	bec		Routine Maintenance				
Submitted D	ate: Su	ubmitted	d By:	Assisted By:			
10/03/2016	D	). Curtis	}				
Details							
TO 12" LON	IG X 2" HI	IGH IN		OTH FACES OF WEB AND BOTTON ALONG EDGES OF BOTTOM FLANG			
MMS Code	MMS D	Descrip	tion		Quantity		
3342	Clean a	nd Pair	nt Structural Steel		2	SF	
Location:							
			Bent/Span No.				
Priority Level							
Priority Leve	şl		Status				
Priority Leve			·				
•	ded	ubmitted	Status Routine Maintenance	Assisted By:			
Recommend	ded Date: Sul	ubmitted	Status  Routine Maintenance  d By:	Assisted By:			
Recommend Submitted D	ded Date: Sul		Status  Routine Maintenance  d By:	Assisted By:			

Bridge: 220015 County CLEVELAND

MMS Code	MN	//S Descrip	otion		Quantity		
3342	Clea	an and Pai	nt Structural Steel		10	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Recommend	ded		Routine Maintenance				
Submitted D	ate:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	S				
Details							
TO 55" LON	IG X 6	" HIGH IN		OTH FACES OF WEB AND BOTTOM OTH ALONG BOTTOM FLANGE AT I			
MMS Code	1/1	1S Descrir	ation		Quantity		

MMS Code	MN	MS Descrip	otion		Quantity		
3342	Cle	an and Pai	int Structural Steel		1	SF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Recommend	ded		Routine Maintenance				
Submitted D	Date:	Submitte	d By:	Assisted By:			
10/03/2016		D. Curti	s				
Details							
X 5" WIDE [	NOC	I TO 1/4" F		OTH EDGES OF BOTTOM FLANGE ES AT FACE OF END BENT 2 BEAR		ONG	

Bridge: 220015 County CLEVELAND

MMS Code	MMS	Descrip	tion		Quantity		
3342	Clean	Clean and Paint Structural Steel					
Location:							
	Bent/Span No.						
Priority Level	l		Status				
Recommended			Routine Maintenance				
Submitted Da	ate: S	Submitte	d By:	Assisted By:			
10/03/2016		D. Curtis	3				
Details							
Span 2 Beam 2: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 2" HIGH IN WEB AND 9" LONG X 2" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							

MMS Code	MN	MS Description			Quantity	
3342	Cle	an and Pai	int Structural Steel		6	SF
Location:						
Bent/Span No.						
Priority Level			Status			
Recommend	ded		Routine Maintenance			
Submitted D	ate:	Submitte	d By:	Assisted By:		
10/03/2016		D. Curti	S			
Details						
TO 34" LON	IG X 6	" HIGH IN		OTH FACES OF WEB AND BOTTON ALONG EDGES OF BOTTOM FLAN OTO.		

Bridge: 220015 County CLEVELAND

MMS Code	MM	MMS Description							
3342	Clea	n and Pai		2	SF				
Location:	Location:								
	Bent/Span No.								
Priority Leve	el		Status						
Recommended Re			Coutine Maintenance						
Submitted D	ate:	Submitte	d By:	Assisted By:					
10/03/2016		D. Curtis	3						
Details									
Span 2 Beam 3: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 6" HIGH X 11" WIDE AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.									

MMS Code	MN	MMS Description						
3342	Clea	an and Pai	int Structural Steel		2	SF		
Location:								
			Bent/Span No.					
Priority Leve	I		Status					
Recommend	ed		Routine Maintenance	Routine Maintenance				
Submitted Da	ate:	Submitte	d By:	Assisted By:				
10/03/2016		D. Curti	s					
Details								
Span 2 Beam 4: DETERIORATED PAINT SYSTEM IN BOTH FACES OF WEB UP TO 14" HIGH X 12" WIDE AROUND BENT DIAPHRAGM, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.								

Bridge: 220015 County CLEVELAND

MMS Description

MMS Code

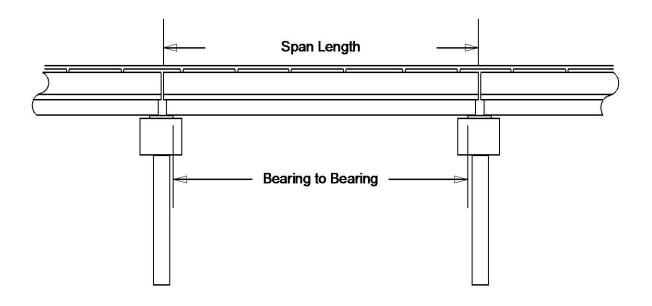
THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

Quantity

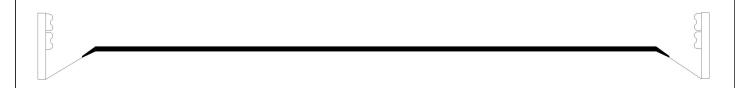
3342	Cle	an and Pai	int Structural Steel	8	SF			
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Recommend	ded		Routine Maintenance					
Submitted D	Date:	Submitte	d By:	Assisted By:				
10/03/2016		D. Curti	s					
Details								
TO 58" LON	Span 2 Beam 4: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 8" HIGH IN WEB AND 28" LONG X 3" WIDE ALONG EDGES OF BOTTOM FLANGE AT FACE OF BENT BEARING, CONDITION ON LEFT SIDE SHOWN IN PHOTO.							
MMS Code	MN	MS Descrip	otion		Quantity			
3342	Cle	an and Pai	int Structural Steel		1	SF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Recommend	ded		Routine Maintenance					
Submitted Date: Submitted By: Assisted By:								
10/03/2016 D. Curtis								
Details								
Span 2 Beam 4: DETERIORATED PAINT SYSTEM ALONG BOTH EDGES OF BOTTOM FLANGE UP TO 9" LONG X 2" WIDE ALONG EDGES AT FACE OF END BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO.								

# **Structure Data Worksheet**

County: CLEVELAND Structure No: 220015 Date: 10/03/2016 Inspected By: KMM



Span No	Span Length	Bearing to Bearing	Comments
1	47.5	46.42	
2	57.5	56.42	NBIS = 100.0



Roadway	21.17ft Wide	2 Paved Lanes	Looking North
Left Shoulder	2.17ft Wide	0.5ft Paved	1.67ft Unpaved
Right Shoulder	2.0ft Wide	0.5ft Paved	1.5ft Unpaved
Left Guardrail	2.17ft from road		
Right Guardrail	2.0ft from road		

Measurements recorded approximately 25ft from bridge.

SKETCH REVISED BY LJZ ON 10.3.16

Title		Descri	Description			
APPROACH ROADWAY			LOOKING NORTH			
Bridge No: 220015 Drawn By: DJA			Date: 9/24/2008	File Name: \$0290003790		

Deck Width/Out to Out	Betwee	26.0ft				
Clear Roadway	24.0ft	Wearir	ng Surface			
Median Width		Mediar	Median Height			
Curb Height			0.75ft	Right	0.75ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width			0.58ft	Right	0.58ft	
Top of Rail to Deck/Wearing Surface			2.5ft	Right	2.5ft	
Bridge Rail	Left	Type 18	Right	Type 18		

#### ONE THRU LANE IN EACH DIRECTION

Measurements for Spans	1 and 2		
Deck Thickness	0.563	Left Overhang	3.958*
Top of Rail to Bottom of Beam	5.417	Right Overhang	3.958*

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.75ft	
2	Steel I Beam	6.75ft	
3	Steel I Beam	6.75ft	
4	Steel I Beam		

<sup>\*</sup>Includes brackets. Not including brackets: Deck Width = 25.417; Overhangs = 2.583 Beam Details:

Span 1 = W30x116 Span 2 = W33x141

SKETCH REVISED BY LJZ ON 10.3.16 (CHANGES IN RED)

 Title
 Description

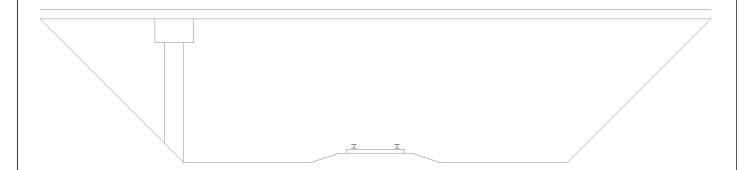
 TYPICAL SECTION
 4 LINES OF STEEL I-BEAMS

 Bridge No: 220015
 Drawn By: DJA
 Date: 9/24/2008
 File Name: \$0290003791

Cap In	formation	on		Material	Cast-in-	Place Concre	ete						
Lengt	th Wi	dth	Height	Left Over	hang	Right Overh	ang	Left Be	am to En	d of Cap.	Right	Beam to End	d of Cap.
23.0	ft. 2.	5 ft.	2.5 ft.	4.0 ft.		4.0 ft.		1.375 ft.		1.375 ft.			
Subca	p Inform	nation		Material									
Lengt	th Wi	dth	Height	Left Over	Left Overhang Right Overhang Left Pile to Splice.			e.					
Sill Info	ormatio	n		Material									
Length Width Height		Height											
Pile	Materia	al	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	ent?	Removed?	Collar?
1	Concre	ete	15.0 ft.	2.5 ft.	2.0 ft.		Vert	ical	No	No		No	No
2	Concre	ete		2.5 ft.	2.0 ft.		Vert	ical	No	No		No	No

SKETCH REVISED BY LJZ ON 10.3.16 (CHANGES IN RED)

Title		Description				
BENT PROFILE		BENT				
Bridge No: 220015	Drawn By: DELVIN ADAMS		Date: 9/20/2012	File Name: S0146031738		



# Measurements Under Span 2

Rail to Rail	5.0ft	1 set(s) of tracks	Looking: West
Vertical Clearance	34.08ft	Measured from rail	2 at Beam #1
Distance to Left Bent	7.58ft		
Distance to Left Toe of Slope			
Distance to Right Bent			
Distance to Right Toe of Slope	13.0ft		

#### SKETCH REVISED BY LJZ ON 10.3.16 (CHANGES IN RED)

Title		Description		
UNDER CLEARANCE		SPAN 2, CSX RR		
Bridge No: 220015	Drawn By: DJA		Date: 9/24/2008	File Name: \$0290003792

