STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON III
SECRETARY

BRIDGE I & A FORM 1(97) AA

SHEET 1 AA

BRIDGE INSPECTION RECORD AND SUMMARY FOR SHORED OR TEMPORARY REPAIRED STRUCTURES TO KEEP A BRIDGE OPEN

BRIDGE: 780176 COUNTY: Rockingham DATE: 3/7/2024

THE FOLLOWING SI&A ITEMS ARE TO BE CODED IN REFERENCE THAT THE STRUCTURE IS SHORED OR HAD TEMPORARY REPAIRS MADE TO KEEP BRIDGE OPEN:

	CODE	BY	DATE:
SI&A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION 10/24/2018	No.	3/7/2024	
SI&A ITEM 59 - SUPERSTRUCTURE text. Date	No.	Click here to enter	
SI&A ITEM 60 - SUBSTRUCTURE text. Date	No.	Click here to enter	
SI&A ITEM 64 - OPERATING RATING HS: 000 BY: ~~GH~~			
SI&A ITEM 66 - INVENTORY RATING HS: 000 BY: ~~IJ~~			

COMMENTS:

Retain temp shoring per Tim Sherrill 3/7/2024

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PARS ISSUED

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUMBER: 780176 **SAP STRUCTURE NO:** 0790176 **FHWA STRUCTURE NO:** 000000001570176

DIVISION: 7 **COUNTY:** ROCKINGHAM **INSPECTION DATE:** 01/17/2024 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR1700 **MILE POST:**

LOCATION: 0.1 MI. N. JCT. SR3004

FEATURE INTERSECTED: NC14, NC87

LATITUDE: 36° 31' 55.9" **LONGITUDE:** 79° 46' 41.73"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: END BENTS:RC CAP & STEEL PILES, INTERIOR BENTS:RC POST & BEAM, PILE FOOTINGS

SPANS: 3 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

☐ FRACTURE CRITICAL ☑ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding) **DECK** 5 / 5 **SUPERSTRUCTURE** 5 / 5 **SUBSTRUCTURE** 5 / 5 **CULVERT** N / N

POSTED SV: 32 **POSTED TTST:** 35

OTHER SIGNS PRESENT: 2 WEIGHT LIMIT

SOUTH APPROACH LOOKING NORTH

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
BRYAN CROOM	Bryan Croom	MICHAEL MCNEESE, ALLEN WARREN

NATIONAL BRIDGE INVENTROY ----- STRUCTURE INVENTORY AND APPRAISAL

04/02/2024

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **780176**
(8) STRUCTURE NUMBER (FEDERAL) **1570176**
(5) INVENTORY ROUTE (ON/UNDER) ON **131017000**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **7**
(3) COUNTY CODE (FEDERAL) **157** (4) PLACE CODE **00000**
(6) FEATURE INTERSECTED **NC14, NC87**
(7) FACILITY CARRIED **SR1700**
(9) LOCATION **0.1 MI. N. JCT. SR3004**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **0**
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE **36° 31' 55.9"** (17) LONGITUDE **79° 46' 41.73"**
(98) BORDER BRIDGE STATE CODE PERCENT SHARED
(99) BORDER BRIDGE STRUCTURE NUMBER

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN **Steel**
TYPE **Stringer/Multi-beam or girder** CODE **302**
(44) STRUCTURE TYPE APPROACH
TYPE CODE
(45) NUMBER OF SPANS IN MAIN UNIT **3**
(46) NUMBER OF SPANS IN APPROACH **0**
(107) DECK STRUCTURE TYPE CODE **1**
(108)WEARING SURFACE/PROTECTIVE SYSTEM
(A) TYPE OF WEARING SURFACE CODE **1**
(B) TYPE OF MEMBRANE CODE **0**
(C) TYPE OF DECK PROTECTION CODE **0**

AGE AND SERVICE

(27) YEAR BUILT **1966**
(106) YEAR RECONSTRUCTED **0**
(42) TYPE OF SERVICE ON - **Overpass Structure**
OFF - **Highway** CODE **61**
(28) LANES ON STRUCTURE **2** LANES UNDER STRUCTURE **2**
(29) AVERAGE DAILY TRAFFIC **550**
(30) YEAR OF ADT **2022** (109) TRUCK ADT PCT **6**
(19) BYPASS OR DETOUR LENGTH **2.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **49.0**
(49) STRUCTURE LENGTH **137.0**
(50) CURB OR SIDEWALK: LEFT **0.0** RIGHT **0.0**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **30.0**
(52) DECK WIDTH OUT TO OUT **32.5**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **25.0**
(33) BRIDGE MEDIAN **No median** CODE **0**
(34) SKEW **20** (35) STRUCTURE FLARED **0**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **30.0**
(53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE **H** **15.1**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE **H** **5.7**
(56) MIN LAT UNDERCLEARANCE LT: **99.9**

NAVIGATION DATA

(38) NAVIGATION CONTROL - CODE **N**
(111) PIER PROTECTION CODE
(39) NAVIGATION VERTICAL CLEARANCE **0.0**
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR **0.0**
(40) NAVIGATION HORIZONTAL CLEARANCE **0.0**

SUFFICIENCY RATING **67.32**
STATUS =

CLASSIFICATION — CODE

(112) NBIS BRIDGE SYSTEM **YES**
(104) HIGHWAY SYSTEM **Inventory Route not on NHS** **0**
(26) FUNCTIONAL CLASS **Rural Local** **09**
(100) STRAHNET HIGHWAY **Not a STRAHNET Route** **0**
(101) PARALLEL STRUCTURE **No parallel structure exists** **N**
(102) DIRECTION OF TRAFFIC **2-way traffic** **2**
(103) TEMPORARY STRUCTURE **Temporary Structure or Conditions** **T**
(110) DESIGNATED NATIONAL NETWORK - **on national network for trucks** **0**
(20) TOLL **On Free Road** **3**
(21) MAINT - **01**
(22) OWNER - **01**
(37) HISTORICAL SIGNIFICANCE - **5**

CONDITION — CODE

(58) DECK **5**
(59) SUPERSTRUCTURE **5**
(60) SUBSTRUCTURE **5**
(61) CHANNEL & CHANNEL PROTECTION **N**
(62) CULVERTS **N**

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD **H 15** **2**
(63) OPERATING RATING METHOD - **Load Factor** **1**
(64) OPERATING RATING - **HS-21** **37**
(65) INVENTORY RATING METHOD - **1**
(66) INVENTORY RATING **HS-12** **22**
(70) BRIDGE POSTING **Posting Required** **2**
(41) STRUCTURE OPEN, POSTED, OR CLOSED **P**
DESCRIPTION **Posted for Load**

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION **5**
(68) DECK GEOMETRY **6**
(69) UNDERCLEARANCES, VERT & HORIZ **3**
(71) WATERWAY ADEQUACY **N**
(72) APPROACH ROADWAY ALIGNMENT **8**
(36) TRAFFIC SAFETY FEATURES **0010**
(113) SCOUR CRITICAL BRIDGES **N**

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114) FUTURE ADT **1,100** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **01/24** (91) FREQUENCY **24**
(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
A) FRACTURE CRIT DETAIL A)
B) UNDERWATER INSP B)
C) OTHER SPECIAL INSP C)
SCOUR

Structure Number **780176** County **ROCKINGHAM** Run Date **04/02/2024**

Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	*See Note Below*					STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
												Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade				
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	NC14,NC87	31000140	16.1	0.0	1	30014	2	2	6600	2018	35.3	H	15.1	8.3	8.5	4		2	☐	☐

Note: 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.

Superstructure Build Details

Span Number 1 **Span Length** 46.000 **Skew** 110.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
4	Plate Girder	Steel Open Girder/Beam	184 Feet	Legacy Red Lead Primer Systems with Various Topcoats	1700
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1495 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	92 Feet		
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Red Lead Primer Systems with Various Topcoats	8
1	Weight Limit	Regulatory Sign	1 Each		

Span Number 2 **Span Length** 50.500 **Skew** 110.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1642 Square Feet		
1	Compression Seal	Compression Joint Seal	32 Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	102 Feet		
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Red Lead Primer Systems with Various Topcoats	8
4	Plate Girder	Steel Open Girder/Beam	204 Feet	Legacy Red Lead Primer Systems with Various Topcoats	1872

Span Number 3 **Span Length** 40.000 **Skew** 110.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	80 Feet		
1	Compression Seal	Compression Joint Seal	32 Feet		
4	Plate Girder	Steel Open Girder/Beam	160 Feet	Legacy Red Lead Primer Systems with Various Topcoats	1476
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1300 Square Feet		
1	Weight Limit	Regulatory Sign	1 Each		
8	Fixed Bearing	Fixed Bearing	8 Each	Legacy Red Lead Primer Systems with Various Topcoats	8

Structure Element Scoring

Structure Number: **780176**

Inspection Date **1/17/2024**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12		Reinforced Concrete Deck	Deck	4,437	733	971	2,733	0
107		Steel Open Girder/Beam	Beam	548	1	529	6	12
515	107	Steel Protective Coating	Beam	5,048	3,548	600	0	900
205		Reinforced Concrete Column	Piles and Columns	4	0	0	4	0
215		Reinforced Concrete Abutment	Abutments	70	20	50	0	0
234		Reinforced Concrete Pier Cap	Caps	136	45	13	78	0
302		Compression Joint Seal	Expansion Joints	64	10	44	10	0
313		Fixed Bearing	Bearing Device	24	1	13	10	0
515	313	Steel Protective Coating	Bearing Device	24	0	4	8	12
331		Reinforced Concrete Bridge Railing	Bridge Rail	274	0	274	0	0
601		Regulatory Sign	Ground Mounted Signs	2	2	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **780176** Inspection Date: **01/17/2024**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Patched Areas	15 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2705 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	5 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	18 Square Feet
3314	Steel Open Girder/Beam	Corrosion	18 Feet
3348	Reinforced Concrete Column	Delamination/Spall	2 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	43 Each
3348	Reinforced Concrete Pier Cap	Exposed Rebar	3 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	16 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	71 Feet
3310	Compression Joint Seal	Leakage	10 Feet
3334	Fixed Bearing	Connection	2 Each
3334	Fixed Bearing	Corrosion	11 Each
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	14 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1524 Square Feet

Element Structure Maintenance Quantities

Structure Number: **780176** Inspection Date **01/17/2024**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	18	548	12.000	6.000	529.000	1.000
Beam	3342	Clean and Paint Steel	1500	5048	900.000	0.000	600.000	3548.000
Bearing Device	3334	Bridge Bearing	13	24	0.000	10.000	13.000	1.000
Bearing Device	3342	Clean and Paint Steel	24	24	12.000	8.000	4.000	0.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	14	274	0.000	0.000	274.000	0.000
Deck	3326	Maintenance of Concrete Deck	2743	4437	0.000	2733.000	971.000	733.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	10	64	0.000	10.000	44.000	10.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	2	0.000	0.000	0.000	2.000
Abutments	3350	Maintenance of Concrete Wings and Wall	0	70	0.000	0.000	50.000	20.000
Caps	3348	Maintenance of Concrete Substructure	90	136	0.000	78.000	13.000	45.000
Piles and Columns	3348	Maintenance of Concrete Substructure	45	4	0.000	4.000	0.000	0.000

Priority Actions Request

Structure Number **780176**

Span1

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 1 Deck: SPALL (3FEET X 10INCHES X 1INCH SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	3	Span 1 Deck: SPALL AND DELAMINATION (UP TO 3FEET X 20INCHES X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT OVERHANG AT FAR END. UP TO 9(PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 1: WEB SECTION LOSS (33 PERCENT SECTION LOSS, 3/16INCH SECTION LOSS, 3/8INCH REMAINS), 2 INCHES LONG X 8INCHES HIGH AT FAR END (PAR)

Span2

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Span 2 Deck: SPALL (1FOOT X 10INCH X 1INCH) WITH EXPOSED SCALING REBAR TO RIGHT OVERHANG AT NEAR END. UP TO 90 PRECENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	2	Span 2 Deck: SPALL (20INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR AND TRANSVERSE OPEN CRACKING AT LEFT SIDE OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR (PAR)
2	Exposed Rebar	4	Span 2 Deck: SPALL (4FEET X 12INCHES X 2INCHES SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR. (PAR)
2	Exposed Rebar	2	Span 2 Deck: SPALL WITH EXPOSED REBAR TO THE RIGHT SIDE OF BEAM 3 ABOVE BENT 2. UP TO 18 INCHES LONG X 6 INCHES WIDE X 5 INCHES HIGH. EXPOSED REBAR WITH UP TO 70 PERCENT SECTION REMAINING. (PAR)

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (3/8INCH REMAINS) FULL WIDTH FOR 16INCHES AT NEAR END. WEB STIFFENER (UP TO 100 PERCENT SECTION LOSS) 4INCHES X 4INCHES (PAR)

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (21 PERCENT SECTION LOSS, 3/16 INCH SECTION LOSS, 11/16 INCH REMAINS) FULL WIDTH FOR 16 INCHES AT FAR END. SECTION LOSS UP TO 1/16 INCH (3/16 INCH REMAINS) ON THE LEFT STIFFENER FOR 2 INCHES HIGH AT BOTTOM. (PAR)

? Priority Action Request (PAR) 1 Assigned Routine Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Priority Actions Request

Structure Number **780176**

2	Corrosion	2	Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (UP TO 100 PERCENT) FOR 1 INCH DIAMETER. 3/8 (50PERCENT) AVERAGE REMAINING FOR FULL WIDTH FOR 16INCHES AT NEAR END (PAR)

Span3

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	3	Span 3 Deck: 2 SPALLS (16INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT SIDE OVERHANG AT NEAR END. UP TO 90 PERCENT REMANING IN THE EXPOSED REBAR (PAR)

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 3 Beam 4: BOTTOM FLANGE SECTION LOSS (33 PERCENT SECTION LOSS, 1/4INCH SECTION LOSS, 7/16INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAIN X 4INCHES HIGH) FOR 5FEET AT NEAR END. LEFT STIFFENER HAS UP TO 1/8 INCH SECTION LOSS FOR 3 INCHES HIGH X FULL WIDTH (PAR)
2	Connection	1	Span 3 Near Bearing: SPAN 3 BEAM 4 NEAR BEARING ANCHOR BOLT NUT BROKEN AND MISSING (PAR)

Bent 1

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Bent 1 Cap 1: SPALL (2.5FEET X 1FOOT X 6INCHES) WITH EXPOSED SCALING REBAR TO FAR BOTTOM CORNER OF CAP UNDER BAY 2. UP TO 60 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)

Element Condition and Maintenance Data

Structure Number: **780176** Inspection Date: **01/17/2024**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,495	733	3	759	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 12	Cracking (RC and Other)	12SQUARE FEET TRANSVERSE OPEN CRACKING (UP TO 1/8INCH) IN LEFT LANE AT NEAR AND FAR END. MAP CRACKING (UP TO 1/16INCH) THRU OUT DECK.	3	750	750	Square Feet
☑ 12	Cracking (RC and Other)	3SQUARE FEET MAP CRACKING (1/16INCH) WITH RUST STAINING TO RIGHT SIDE OVERHANG AT FAR END	3	3	3	Square Feet
☑ 12	Exposed Rebar	SPALL (3FEET X 10INCHES X 1INCH SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)	3	3	3	Square Feet
☑ 12	Exposed Rebar	SPALL AND DELAMINATION (UP TO 3FEET X 20INCHES X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)	3	3	3	Square Feet
☑ 12	Abrasion/Wear (PSC/RC)	WEAR WITH EXPOSED AGGREGATE THRU OUT DECK	2			Square Feet
☑ 12	Patched Areas	SOUND PATCH (16INCHES DIAMETER) IN RIGHT LANE, 6FEET FROM NEAR END (SIMILAR IN LEFT LANE AT MID SPAN)	2	3		Square Feet

General Comments

Span 1 Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	46	0	46	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE THRU OUT RAIL.	2	41		Feet
☑ 331	Exposed Rebar	4 SHALLOW SPALLING (UP TO 10INCHES X 1INCH X 1/4INCH) WITH EXPOSED REBAR TO TOP OF CURB THRU OUT, MOSTLY AT FAR END	2	4	4	Feet
☑ 331	Exposed Rebar	SPALL WITH EXPOSED REBAR UP TO 6 INCHES WIDE X 3 INCHES HIGH X .5 INCHES DEEP IN POST, 8 FEET FROM END OF SPAN.	2	1	1	Feet

General Comments

Span 1 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	46	0	46	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 331	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE THRU OUT RAIL	2	37		Feet
☑ 331	Exposed Rebar	9 SHALLOW SPALL (UP TO 10INCHES X 3INCHES X 1/4INCH) WITH EXPOSED REBAR TO TOP OF CURB THRU OUT, MOSTLY AT NEAR END. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR.	2	9	9	Feet

General Comments

Span 1 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	44	1	1	Feet
515	Steel Protective Coating	425	300	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 107	Corrosion	WEB SECTION LOSS (33 PERCENT SECTION LOSS, 3/16INCH SECTION LOSS, 3/8INCH REMAINS), 2 INCHES LONG X 8INCHES HIGH AT FAR END (PAR)	4	1	1	Feet
☑ 107	Corrosion	BOTTOM FLANGE SECTION LOSS (16 PERCENT SECTION LOSS, 1/8INCH SECTION LOSS, 5/8INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAINS X 3INCHES HIGH) FOR 16INCHES AT FAR END	3	1	1	Feet
☑ 107	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	44		Feet
☑ 515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ 515	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	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	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

☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 1 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	46	0	0	Feet
515	Steel Protective Coating	425	300	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTION LOSS) FOR 1FOOT AT FAR END.	2	1		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	45		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	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	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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 1 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	1	45	0	0	Feet
515	Steel Protective Coating	425	300	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SURFACE CORROSION (NO MEASUREABLE SECTION LOSS) FOR 1FOOT AT FAR END.	2	1		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	44		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	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	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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 1 — Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	44	2	0	Feet
515	Steel Protective Coating	425	300	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE SECTION LOSS (16PERCENT SECTION LOSS, 1/8 INCH SECTION LOSS, 5/8INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAINS X 3INCHES HIGH) FOR 16INCHES AT FAR END.	3	2	2	Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	44		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	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	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	
☑ **313**	Connection	LEFT ANCHOR BOLT IS SHORT AND NOT FULLY THREADED	3	1	1	Each
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3		1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

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	
☑	**313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑	**515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 2 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,642	0	321	1,321	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**12**	Cracking (RC and Other)	MAP CRACKING (UP TO 1/16INCH) THRU OUT DECK.	3	1,297	1,297	Square Feet
☑	**12**	Exposed Rebar	SPALL (1FOOT X 10INCH X 1INCH) WITH EXPOSED SCALING REBAR TO RIGHT OVERHANG AT NEAR END. UP TO 90 PRECENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)	3	1	1	Square Feet
☑	**12**	Exposed Rebar	SPALL (20INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR AND TRANSVERSE OPEN CRACKING AT LEFT SIDE OVERHANG AT FAR END. UP TO 90PERCENT REMAINING IN THE EXPOSED REBAR (PAR)	3	2	2	Square Feet
☑	**12**	Exposed Rebar	SPALL (4FEET X 12INCHES X 2INCHES SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR. (PAR)	3	4	4	Square Feet
☑	**12**	Exposed Rebar	SPALL WITH EXPOSED REBAR TO THE RIGHT SIDE OF BEAM 3 ABOVE BENT 2. UP TO 18 INCHES LONG X 6 INCHES WIDE X 5 INCHES HIGH. EXPOSED REBAR WITH UP TO 70 PERCENT SECTION REMAINING. (PAR)	3	2	2	Square Feet
☑	**12**	Patched Areas	15SQUARE FEET ASPHALT AND CONCRETE PATCHES THRU OUT LEFT LANE WITH SPALLING AT PATCH PERIMETERS	3	15	15	Square Feet
☑	**12**	Abrasion/Wear (PSC/RC)	WEAR WITH EXPOSED AGGREGATE THRU OUT DECK	2	181		Square Feet
☑	**12**	Cracking (RC and Other)	5SQUARE FEET MAP CRACKING (1/16INCH) WITH RUST STAINING AND EFFLORESCENCE TO RIGHT SIDE OVERHANG AT FAR END	2	5	5	Square Feet
☑	**12**	Delamination/Spall	5SQUARE FEET SHALLOW SPALLING (1/2INCH TO 3/4INCH) AROUND PATCHED AREAS THRU OUT LEFT LANE	2	5	5	Square Feet
☑	**12**	Patched Areas	110SQUARE FEET ASPHALT PATCHES THRU OUT RIGHT LANE WITH SPALLING AT PATCH PERIMETERS	2	110		Square Feet

☑ **12**	Patched Areas	SCATTERED PATCHED AREAS IN TOP OF DECK APPROXIMATELY 20 SQUARE FEET TOTAL	2	20		Square Feet

General Comments

Span 2 — Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	0	51	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE THRU OUT RAIL	2	51		Feet

General Comments

Span 2 — Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	51	0	51	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE THRU OUT RAIL	2	51		Feet

General Comments

Span 2 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	51	0	48	1	2	Feet
515	Steel Protective Coating	468	343	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE SECTION LOSS (3/8INCH REMAINS) FULL WIDTH FOR 16INCHES AT NEAR END. WEB STIFFENER (UP TO 100 PERCENT SECTION LOSS) 4INCHES X 4INCHES (PAR)	4	2	2	Feet
☑ **107**	Corrosion	BOTTOM FLANGE SECTION LOSS (7PERCENT SECTION LOSS, 1/16INCH SECTION LOSS, 13/16INCH REMAIN) FULL WIDTH FOR 16INCH AT FAR END.	3	1	1	Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	47		Feet
☑ **107**	Corrosion	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END	2			Feet
☑ **107**	Corrosion	WEB SCALING AT BEAM FAR AND NEAR ENDS FOR FULL HEIGHT UP TO 1/16 INCH LOCALIZED SECTION LOSS (1/2 INCH REMAINS) AT BOTTOM FOR 2 INCH HIGH	2	1		Feet

☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	51	0	51	0	0	Feet
515	Steel Protective Coating	468	343	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SCALING, 6INCH HIGH (NO MEASUREABLE SECTION LOSS) FOR 1FOOT AT NEAR AND FAR END.	2	2		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	49		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet

☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 2 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 2 Far 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 2 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	51	0	51	0	0	Feet
515	Steel Protective Coating	468	343	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SCALING, 6INCH HIGH (NO MEASUREABLE SECTIONLOSS) FOR 1FOOT AT NEAR AND FAR END.	2	2		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	49		Feet
☑ **107**	Damage	WEB PLATE REPAIR LEFT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END	1			Feet
☑ **107**	Damage	WEB PLATE REPAIR RIGHT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END	1			Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet

☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 2 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	1	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑	**515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 2 Far 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	1	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑	**515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 2 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	51	0	47	0	4	Feet
515	Steel Protective Coating	468	343	50	0	75	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑	**107**	Corrosion	BOTTOM FLANGE SECTION LOSS (21 PERCENT SECTION LOSS, 3/16 INCH SECTION LOSS, 11/16 INCH REMAINS) FULL WIDTH FOR 16 INCHES AT FAR END. SECTION LOSS UP TO 1/16 INCH (3/16 INCH REMAINS) ON THE LEFT STIFFENER FOR 2 INCHES HIGH AT BOTTOM. (PAR)	4	2	2	Feet
☑	**107**	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 100 PERCENT) FOR 1 INCH DIAMETER. 3/8 (50PERCENT) AVERAGE REMAINING FOR FULL WIDTH FOR 16INCHES AT NEAR END (PAR)	4	2	2	Feet
☑	**107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	45		Feet

☑ **107**	Corrosion	FULL HEIGHT WEB SCALING AT FAR END	2	2		Feet
☑ **107**	Corrosion	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END	1			Feet
☑ **107**	Damage	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END	1	1		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	1	0	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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3		1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far 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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 2 — Expansion Joint 2

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	32	0	22	10	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **302**	Leakage	ACTIVE LEAKAGE THROUGHT THE JOINT ABOVE BENT IN BAYS 1 AND 3	3	10	10	Feet
☑ **302**	Debris Impaction	MINOR DEBRIS IMPACTION AT SHOULDERS	2	2		Feet
☑ **302**	Seal Adhesion	AREAS OF MINOR ADHESION LOSS THRU OUT	2	20		Feet

General Comments

Span 3 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	1,300	0	647	653	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **12**	Cracking (RC and Other)	MAP CRACKING (UP TO 1/16INCH) THRU OUT DECK.	3	650	650	Square Feet
☑ **12**	Exposed Rebar	2 SPALLS (16INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT SIDE OVERHANG AT NEAR END. UP TO 90 PERCENT REMANING IN THE EXPOSED REBAR (PAR)	3	3	3	Square Feet
☑ **12**	Abrasion/Wear (PSC/RC)	WEAR WITH EXPOSED AGGREGATE THRU OUT DECK	2	647		Square Feet

General Comments

Span 3 Left Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	40	0	40	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE THRU OUT RAIL.	2	40		Feet

General Comments

Span 3 Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	40	0	40	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **331**	Cracking (RC and Other)	INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE AND MINOR EFFLORESCENCE THRU OUT RAIL	2	40		Feet

General Comments

Span 3 Beam 1

Plate Girder

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	369	244	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE SECTION LOSS (8PERCENT SECTION LOSS, 1/16INCH SECTION LOSS, 11/16INCH REMAIN) FULL WIDTH FOR 16INCH AT NEAR END AND FULL HEIGHT WEB SCALING WITH UP TO 1/16 INCH LOCALIZED LOSS FOR UP TO 2 IN HIGH AT THE BOTTOM	3	2	2	Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	38		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 3 Near Bearing

Fixed Bearing

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	
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3	1	1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 3 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE CORROSION TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING MODERATELY EFFECTIVE	2	1	1	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	40	0	40	0	0	Feet
515	Steel Protective Coating	369	244	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTIONLOSS) FOR 1FOOT AT NEAR END.	2	1		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	39		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 3 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 3 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE CORROSION TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING MODERATELY EFFECTIVE	2	1	1	Square Feet

General Comments

Span 3 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	369	244	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTIONLOSS) FOR 1FOOT AT NEAR END.	2	1		Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	39		Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 3 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	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE SCALING TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILING PROTECTIVE COATING TO BEARING	3	1	1	Square Feet

General Comments

Span 3 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **313**	Corrosion	SURFACE CORROSION TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING MODERATELY EFFECTIVE	2	1	1	Square Feet

General Comments

Span 3 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	35	0	5	Feet
515	Steel Protective Coating	369	244	50	0	75	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Corrosion	BOTTOM FLANGE SECTION LOSS (33 PERCENT SECTION LOSS, 1/4INCH SECTION LOSS, 7/16INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAIN X 4INCHES HIGH) FOR 5FEET AT NEAR END. LEFT STIFFENER HAS UP TO 1/8 INCH SECTION LOSS FOR 3 INCHES HIGH X FULL WIDTH (PAR)	4	5	5	Feet
☑ **107**	Corrosion	FRECKLE RUST AND SURFACE CORROSION THRU OUT BOTTOM FLANGE AND AREAS THRU OUT WEB AND TOP FLANGE	2	34		Feet
☑ **107**	Corrosion	FULL WEB SCALING AT NEAR END	2	1		Feet
☑ **107**	Damage	WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) TO NEAR END	1			Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING LOSS THRU OUT FLANGES AND WEB, MOSTLY TO BOTTOM FLANGE	4	75	75	Square Feet
☑ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAM	2	50	50	Square Feet

General Comments

Span 3 Near Bearing

Fixed Bearing

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	
☑ **313**	Connection	SPAN 3 BEAM 4 NEAR BEARING ANCHOR BOLT NUT BROKEN AND MISSING (PAR)	3	1	1	Each
☑ **313**	Corrosion	HEAVY SCALING TO BEARING	3		1	Each
☑ **515**	Effectiveness (Steel Protective Coatings)	FAILED PROTECTIVE COATING TO BEARING	4	1	1	Square Feet

General Comments

Span 3 Far 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	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **313**	Corrosion	SURFACE CORROSION TO BEARING	2	1		Each
☑ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING MODERATELY EFFECTIVE	2	1	1	Square Feet

General Comments

Span 3 — Expansion Joint 3

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	32	10	22	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **302**	Debris Impaction	MINOR DEBRIS IMPACTION AT SHOULDERS	2	2		Feet
☑ **302**	Seal Adhesion	AREAS OF MINOR ADHESION LOSS THRU OUT, MOSTLY CONCENTRATED IN THE SHOULDERS WITH ISOLATED AREAS IN THE ROADWAY	2	20		Feet

General Comments

Bent 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	31	17	1	13	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (UP TO 5FEET X 1/8INCH) AND 3 FEET DELAMINATION TO NEAR AND FAR FACES AT TOP OF CAP AT RIGHT AND LEFT ENDS. (DELAMINATION DOES NOT EXTEND UNDER BEARING)	3	10	10	Feet
☑ **234**	Exposed Rebar	SPALL (1FOOT DIAMETER.) WITH EXPOSED SCALING REBAR TO RIGHT FACE. UP TO 80 PERCENT SECTION REMAINING IN THE EXPOSED REBAR.	3	1	1	Feet
☑ **234**	Exposed Rebar	SPALL (2.5FEET X 1FOOT X 6INCHES) WITH EXPOSED SCALING REBAR TO FAR BOTTOM CORNER OF CAP UNDER BAY 2. UP TO 60 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)	3	2	2	Feet
☑ **234**	Cracking (RC and Other)	HAIRLINE MAP CRACKING TO LEFT FACE AND LEFT OVERHANG	2	1		Feet

General Comments

Bent 1 — Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☑ **205**	Cracking (RC and Other)	PARTIAL TO FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH AT BASE) THRU ALL FACES	3	1	15	Each
☑ **205**	Delamination/Spall	SPALL (4INCHES X 4INCHES X 1INCH) TO FAR LEFT CORNER AT BASE	3		1	Each

General Comments

Bent 1 — Pile 2

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **205**	Cracking (RC and Other)	5FEET VERTICAL OPEN CRACKING (1/8INCH) WITH DELAMINATION AT TOP FAR RIGHT CORNER. PARTIAL TO FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH AT BASE) THRU ALL FACES	3	1	20	Each

General Comments

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	35	10	25	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **215**	Cracking (RC and Other)	1FOOT DIAGONAL CRACKING (LESS THAN 1/16INCH) TO ABUTMENT AT FAR ENDS. HORIZONTAL HAIRLINE CRACKING THRU OUT ABUTMENT IN ALL BAYS	2	25		Feet

General Comments

End Bent 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	37	0	12	25	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP	3	25	25	Feet
☑ **234**	Delamination/Spall	6FEET DELAMINATION TO TOP CORNER IN BAYS 1 AND 3	2	12	12	Feet

General Comments

Bent 2 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	31	15	0	16	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 234	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (3FEET X 1/8INCH) TOP NEAR FACE AT LEFT END. 5FEET HORIZONTAL OPEN CRACKING (1/16INCH) TO TOP OF CAP UNDER BAY 1. HORIZONTAL OPEN CRACKING (6FEET X 1/8INCH) DELAMINATION TO TOP FAR CORNER AT RIGHT END (DELAMINATION DOES NOT EXTEND UNDER BEARING)	3	13	13	Feet
☑ 234	Cracking (RC and Other)	OPEN MAP CRACKING (UP TO 1/8INCH) TO LEFT FACE OF CAP AND VERTICAL AND HORIZONTAL OPEN CRACKING (UP TO 1/8INCH) TO RIGHT FACE AND RIGHT SIDE OVERHANG. HAS ACTIVE LEAKAGE ON FACE OF CAP AT TIME OF INESPECTION	3	3	3	Feet

General Comments

Bent 2 Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 205	Cracking (RC and Other)	FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH) THRU OUT ALL FACES OF COLUMN	3	1	3	Each
☑ 205	Delamination/Spall	SPALL (9INCHES X 3INCHES X 2INCHES DEEP) TO NEAR RIGHT CORNER AT BASE	3		1	Each

General Comments

Bent 2 Pile 2

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ 205	Cracking (RC and Other)	FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH) THRU OUT ALL FACES OF COLUMN	3	1	5	Each

General Comments

End Bent 2 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	35	10	25	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **215**	Cracking (RC and Other)	1FOOT DIAGONAL CRACKING (LESS THAN1/16INCH) TO ABUTMENT AT FAR ENDS. HORIZONTAL HAIRLINE CRACKING THRU OUT ABUTMENT IN ALL BAYS	2	25		Feet

General Comments

End Bent 2 — 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	37	13	0	24	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **234**	Cracking (RC and Other)	HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP	3	20	20	Feet
☑ **234**	Delamination/Spall	4FEET DELAMINATION AND SPALL (UP TO 1INCH) AT TOP CORNER OF CAP UNDER BEAM 3	3	4	4	Feet

General Comments

6FT DEBRIS TO TOP OF CAP IN BAY 1 AT END BENT 2

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1495
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	46
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	46
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	46
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	46
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Southeast Weight Limit Sign	Weight Limit	Regulatory Sign	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1642
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	51
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	51
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	51
Span 2	Expansion Joint 2	Compression Seal	Compression Joint Seal	32
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1300
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	40
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	40
Span 3	Expansion Joint 3	Compression Seal	Compression Joint Seal	32
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Northwest Weight Limit Sign	Weight Limit	Regulatory Sign	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
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	37
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	35
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	37
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	35

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 780176 **Inspection Date:** 01/17/2024

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	**5**
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:

Items 58,59,60,62 reflect this inspection only.

For overall NBI coding grade, see cover sheet.

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	**G**	**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**		
Superstructure Paint Code		**A**		

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	**15**
Traffic Control Time	Hours	**0**
Snooper Time	Hours	**0**
Ladder Used	YES/NO	**Y**
Bucket Truck Used	YES/NO	**N**
Boat Used	YES/NO	**N**
Other Equipment Used	YES/NO	**N**
Portion of Structure in > 3' of water	YES/NO	**N**

National Bridge and NC SMU Inspection Item Details

Structure Number: 780176 **Inspection Date:** 01/17/2024

Item	Grade	Maint Code	Qty.
Details			

Bent 2 Cap 1: HORIZONTAL OPEN CRACKING (3FEET X 1/8INCH) TOP NEAR FACE AT LEFT END. 5FEET HORIZONTAL OPEN CRACKING (1/16INCH) TO TOP OF CAP UNDER BAY 1. HORIZONTAL OPEN CRACKING (6FEET X 1/8INCH) DELAMINATION TO TOP FAR CORNER AT RIGHT END (DELAMINATION DOES NOT EXTEND UNDER BEARING)

Span 3 Near Bearing: SPAN 3 BEAM 4 NEAR BEARING ANCHOR BOLT NUT BROKEN AND MISSING (PAR)

SPAN 2 BEAM 1 FAR BEARING AND SPAN 3 BEAM 1 NEAR BEARING RUST AND SCALE

Span 2 Deck: SPALL (1FOOT X 10INCH X 1INCH) WITH EXPOSED SCALING REBAR TO RIGHT OVERHANG AT NEAR END. UP TO 90 PRECENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)

Span 2 Beam 1: WEB SCALING AT BEAM FAR AND NEAR ENDS FOR FULL HEIGHT UP TO 1/16 INCH LOCALIZED SECTION LOSS (1/2 INCH REMAINS) AT BOTTOM FOR 2 INCH HIGH

Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (21 PERCENT SECTION LOSS, 3/16 INCH SECTION LOSS, 11/16 INCH REMAINS) FULL WIDTH FOR 16 INCHES AT FAR END. SECTION LOSS UP TO 1/16 INCH (3/16 INCH REMAINS) ON THE LEFT STIFFENER FOR 2 INCHES HIGH AT BOTTOM. (PAR)

Span 3 Beam 4: BOTTOM FLANGE SECTION LOSS (33 PERCENT SECTION LOSS, 1/4INCH SECTION LOSS, 7/16INCH REMAINS) FULL WIDTH AND WEB PITTING (1/2INCH REMAIN X 4INCHES HIGH) FOR 5FEET AT NEAR END. LEFT STIFFENER HAS UP TO 1/8 INCH SECTION LOSS FOR 3 INCHES HIGH X FULL WIDTH (PAR)

Span 2 Deck: SPALL WITH EXPOSED REBAR TO THE RIGHT SIDE OF BEAM 3 ABOVE BENT 2. UP TO 18 INCHES LONG X 6 INCHES WIDE X 5 INCHES HIGH. EXPOSED REBAR WITH UP TO 70 PERCENT SECTION REMAINING. (PAR)

Bent 1 Cap 1: HORIZONTAL OPEN CRACKING (UP TO 5FEET X 1/8INCH) AND 3 FEET DELAMINATION TO NEAR AND FAR FACES AT TOP OF CAP AT RIGHT AND LEFT ENDS. (DELAMINATION DOES NOT EXTEND UNDER BEARING)

Span 2 Expansion Joint 2: ACTIVE LEAKAGE THROUGHT THE JOINT ABOVE BENT IN BAYS 1 AND 3

Span 2 Beam 4: BOTTOM FLANGE SECTION LOSS (UP TO 100 PERCENT) FOR 1 INCH DIAMETER. 3/8 (50PERCENT) AVERAGE REMAINING FOR FULL WIDTH FOR 16INCHES AT NEAR END (PAR)

Span 1 Near Bearing: LEFT ANCHOR BOLT IS SHORT AND NOT FULLY THREADED

Span 1 Beam 1: WEB SECTION LOSS (33 PERCENT SECTION LOSS, 3/16INCH SECTION LOSS, 3/8INCH REMAINS), 2 INCHES LONG X 8INCHES HIGH AT FAR END (PAR)

Span 2 Beam 1: BOTTOM FLANGE SECTION LOSS (3/8INCH REMAINS) FULL WIDTH FOR 16INCHES AT NEAR END. WEB STIFFENER (UP TO 100 PERCENT SECTION LOSS) 4INCHES X 4INCHES (PAR)

Span 1 Deck: SPALL (3FEET X 10INCHES X 1INCH SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR (PAR)

Span 2 Deck: SPALL (4FEET X 12INCHES X 2INCHES SPALL) WITH EXPOSED SCALING TO REBAR TO BOTTOM OF DECK IN BAY 2 OVER BENT 1. UP TO 90 PERCENT SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Span 1 Beam 2: BOTTOM FLANGE AND WEB SCALING, 6INCHES HIGH (NO MEASUREABLE SECTION LOSS) FOR 1FOOT AT FAR END.

Span 1 Beam 2 - Far Bearing: SURFACE SCALING TO BEARING

Bent 2 Pile 1: FULL HEIGHT VERTICAL CRACKING (HAIRLINE TO 1/16INCH) THRU OUT ALL FACES OF COLUMN

Bent 2 Pile 1: SPALL (9INCHES X 3INCHES X 2INCHES DEEP) TO NEAR RIGHT CORNER AT BASE

Span 2 Deck: SCATTERED PATCHED AREAS IN TOP OF DECK APPROXIMATELY 20 SQUARE FEET TOTAL

NORTH APPROACH ASPHALT WEARING SURFACE 3/8 INCH WIDE CRACKS

Span 2 Deck: WEAR WITH EXPOSED AGGREGATE THRU OUT DECK

Span 3 Right Bridge Rail: INTERMITTENT TRANSVERSE CRACKING (LESS THAN 1/16INCH) AND WEATHERING WITH EXPOSED AGGREGATE AND MINOR EFFLORESCENCE THRU OUT RAIL.

Span 1 Deck: SOUND PATCH (16INCHES DIAMETER) IN RIGHT LANE, 6FEET FROM NEAR END (SIMILAR IN LEFT LANE AT MID SPAN)

Span 1 Right Bridge Rail: 9 SHALLOW SPALL (UP TO 10INCHES X 3INCHES X 1/4INCH) WITH EXPOSED REBAR TO TOP OF CURB THRU OUT, MOSTLY AT NEAR END. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR.

Span 3 Expansion Joint 3: AREAS OF MINOR ADHESION LOSS THRU OUT, MOSTLY CONCENTRATED IN THE SHOULDERS WITH ISOLATED AREAS IN THE ROADWAY

Span 3 Deck: MAP CRACKING (UP TO 1/16INCH) THRU OUT DECK.

Span 2 Deck: SPALL (20INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR AND TRANSVERSE OPEN CRACKING AT LEFT SIDE OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR (PAR)

Span 3 Deck: 2 SPALLS (16INCHES X 1FOOT X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT SIDE OVERHANG AT NEAR END. UP TO 90 PERCENT REMANING IN THE EXPOSED REBAR (PAR)

Bent 2 Cap 1: OPEN MAP CRACKING (UP TO 1/8INCH) TO LEFT FACE OF CAP AND VERTICAL AND HORIZONTAL OPEN CRACKING (UP TO 1/8INCH) TO RIGHT FACE AND RIGHT SIDE OVERHANG. HAS ACTIVE LEAKAGE ON FACE OF CAP AT TIME OF INESPECTION

Span 1 Left Bridge Rail: SPALL WITH EXPOSED REBAR UP TO 6 INCHES WIDE X 3 INCHES HIGH X .5 INCHES DEEP IN POST, 8 FEET FROM END OF SPAN.

Span 2 Deck: 110SQUARE FEET ASPHALT PATCHES THRU OUT RIGHT LANE WITH SPALLING AT PATCH PERIMETERS

End Bent 1 Cap 1: HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP

End Bent 1 Abutment: 1FOOT DIAGONAL CRACKING (LESS THAN 1/16INCH) TO ABUTMENT AT FAR ENDS. HORIZONTAL HAIRLINE CRACKING THRU OUT ABUTMENT IN ALL BAYS

End Bent 2 Cap 1: HORIZONTAL OPEN CRACKING (HAIRLINE TO 1/8INCH) WITH RUST STAINING THRU OUT FACE OF CAP

Span 1 Deck: SPALL AND DELAMINATION (UP TO 3FEET X 20INCHES X 1INCH) WITH EXPOSED SCALING REBAR TO LEFT OVERHANG AT FAR END. UP TO 90 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)

Bent 1 Cap 1: SPALL (2.5FEET X 1FOOT X 6INCHES) WITH EXPOSED SCALING REBAR TO FAR BOTTOM CORNER OF CAP UNDER BAY 2. UP TO 60 PERCENT REMAINING IN THE EXPOSED REBAR. (PAR)

Span 2 Beam 1: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END

Span 2 Beam 3: WEB PLATE REPAIR RIGHT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END

Span 2 Beam 3: WEB PLATE REPAIR LEFT SIDE (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END

Span 2 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT NEAR END

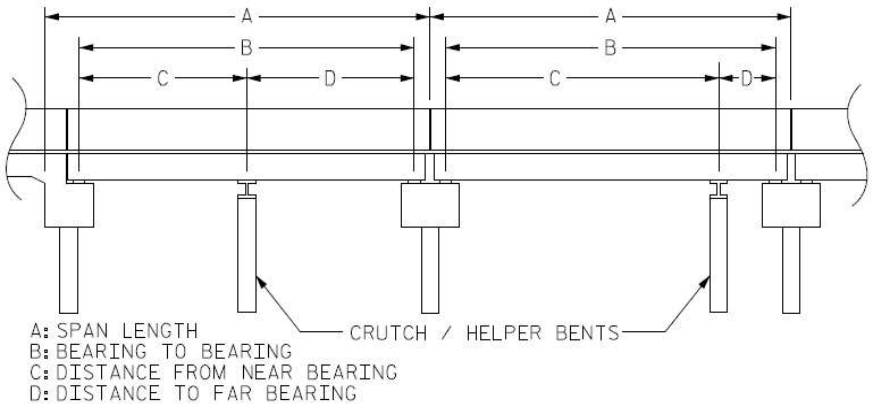
Span 2 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) AT FAR END

Span 3 Beam 4: WEB PLATE REPAIR (1FOOT X FULL HEIGHT X 1/2INCH THICK) TO NEAR END

Structure Data Worksheet

Span Profile

County: **ROCKINGHAM** Structure Number: **780176**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	46.000	43.562			
2	50.500	49.125			
3	40.000	37.562			

Structure Number: 780176 Span: 2 Route Name: NC14,NC87

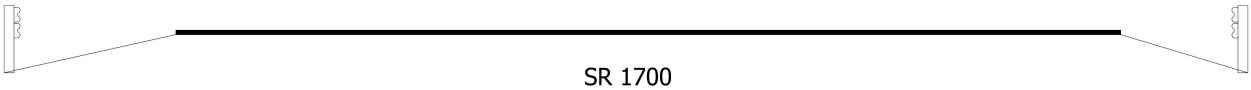
LOOKING EAST UNDER SPAN 2

Route Number: 31000140	**Route Name:** NC14,NC87	**Reference Feature:** H
Minimum Vertical Clearance 15.083 feet	**Maximum Minimum Vertical Clearance** 16.083 feet	
Total Horizontal Clearance 35.334 feet	**Lateral Clearances: Left:** 8.500 feet **Right** 8.333 feet	
☑ **Base Highway Network**	**LRS Inventory Route, Sub Route Number** 30014	

Milepost: 0.000	**Number of Lanes:** 2	**ADT:** 6600	**Year of ADT:** 2018	**Percentage of Trucks:** 14

☐ **National Highway System**	☐ **STRAHNET Highway Designator**
Functional Classification 2	**Direction of Traffic:** 2 2 - way traffic

Bridge Inspection Field Sketch



SR 1700

Roadway	24.75ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4.5ft Wide		4.5ft Unpaved
Right Shoulder	3.33ft Wide		3.33ft Unpaved
Left Guardrail	4.5ft from road		
Right Guardrail	3.33ft from road		

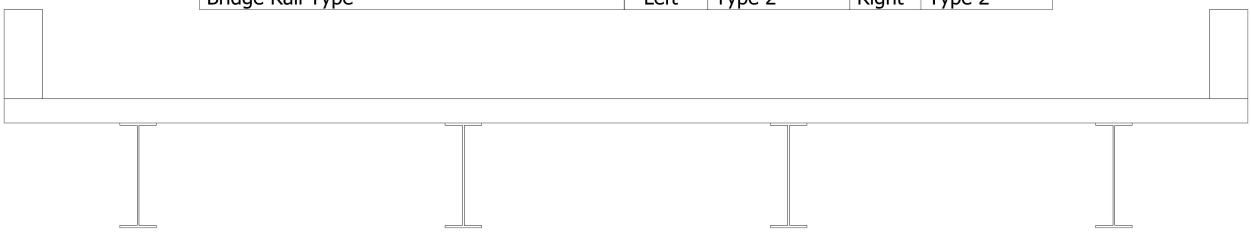
MEASUREMENTS TAKEN 90FT FROM NEAR END OF BRIDGE

Title	Description
APPROACH ROADWAY	LOOKING NORTH

Structure No:	Drawn By:	Date:	Filename:
780176	BRYAN CROOM	1/17/2024	S001530000009.wes

Bridge Inspection Field Sketch

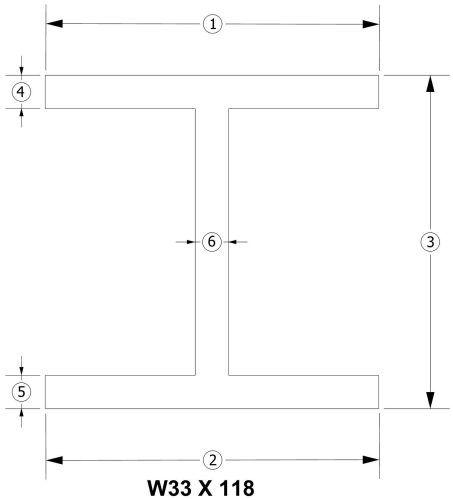
Deck Width/Out to Out	32.5ft	Between Rails			30ft
Clear Roadway	30ft	Wearing Surface			
Median Width		Median Height			
Curb Height		Left	6in	Right	6in
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left		Right	
Guardrail Width		Left	1.25ft	Right	1.25ft
Top of Rail to Deck/Wearing Surface		Left	2.333ft	Right	2.333ft
Bridge Rail Type		Left	Type 2	Right	Type 2



Measurements for Span #	1		
Deck Thickness	7.625in	Left Overhang	3.5ft
Top of Rail to Bottom of Beam (Avg)	5.645ft	Right Overhang	3.5ft

Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	11.5in	32.86in	3.5ft	Left Edge of Deck
2	Plate Girder	11.5in	32.86in	8.5ft	Beam 1
3	Plate Girder	11.5in	32.86in	8.5ft	Beam 2
4	Plate Girder	11.5in	32.86in	8.5ft	Beam 3

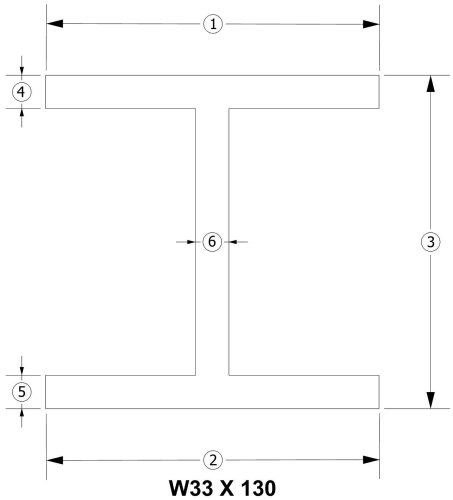
Span 1 & 3 Beams



1	11.5in
2	11.5in
3	32.875in
4	0.75in
5	0.75in
6	0.55in

W33 X 118

Span 2 Beams



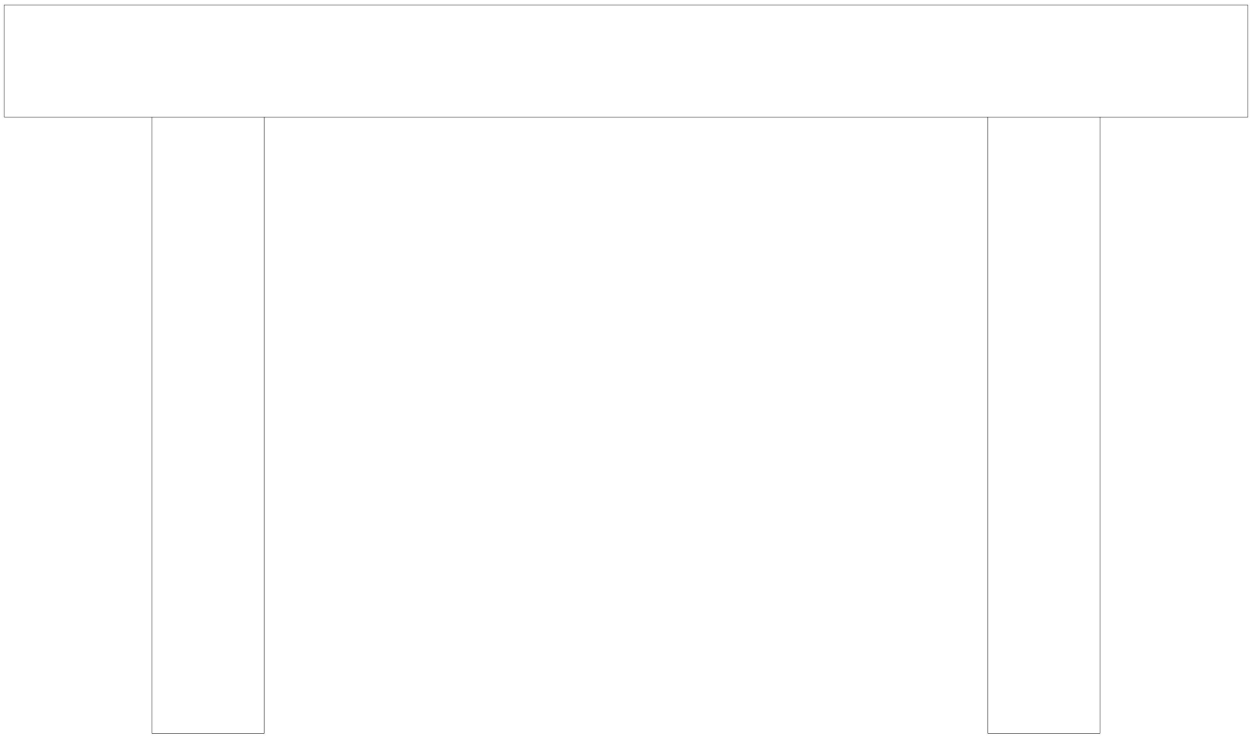
1	11.5in
2	11.5in
3	33.125in
4	0.875in
5	0.875in
6	0.55in

W33 X 130

Title SPANS 1-3 SUPERSTRUCTURE	Description LOOKING NORTH

Structure No:	780176	Drawn By:	BRYAN CROOM	Date:	1/17/2024	Filename:	S001530000010.wes

Bridge Inspection Field Sketch



Caps							
#	Name	Type	Length	Width	Height	Left Beam to End of Cap	Right Beam to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	30.5ft	33in	33in	1.5ft	2ft

Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	5ft	Left End of Bent	33in		15ft
2	Pile 2	Reinforced Concrete Column	20.5ft	Pile 1	33in		15ft

Title	Description
BENT 1 & 2 SUBSTRUCTURE	LOOKING NORTH

Structure No: 780176	Drawn By: BRYAN CROOM	Date: 1/17/2024	Filename: S001530000011.wes

END BENT 1 SLOPE

END BENT 1 PROFILE

BENT 1 PROFILE

ACCESS EQUIPMENT LADDER USED

GUARDRAIL DOES NOT ATTACH TO RAIL AT SOUTHEAST CORNER

GUARDRAIL DOES NOT ATTACH TO RAIL AT SOUTHWEST CORNER

SUPERSTRUCTURE UNDERSIDE IN SPAN 2

TYPICAL BEARING AT BENT 1 SPANS 1 AND 2 BEAM3

WEST ELEVATION

LOOKING EAST UNDER SPAN 2

TYPICAL WINGWALL NORTHEAST SHOWN

TYPICAL END DIAPHRAGM AT BENT 1

SOUTH APPROACH LOOKING SOUTH

SOUTH APPROACH LOOKING NORTH

SOIL BUILD UP AT END BENT 2 UNDER BAYS 2 AND 3

BENT 2 JOINT

END BENT 1 JOINT, TYPICAL END BENT 2 JOINT

TYPICAL BRIDGE RAIL RIGHT SHOWN

SPAN 1 TOP OF DECK (SALT BRINE ON TOP OF DECK) SPANS 2 AND 3 TYPICAL

GUARDRAIL DOES NOT ATTACH TO RAIL AT NORTHWEST CORNER

BRIDGE PLAQUE AT NORTHWEST CORNER

NORTHWEST CORNER GUARDRAIL POST SPACES AT BRIDGE ALL CORNERS SIMILAR

NORTHWEST GUARDRAIL END TERMINAL

ROUTE SIGNS AT NORTHWEST CORNER

NORTHWEST GUARDRAIL POST SPACES AT MID POINT

NORTHEAST GUARDRAIL END TERMINAL

GUARDRAIL END TERMINAL FOR WEST BOUND LANE UNDERNEATH BRIDGE REPAIRED SINCE LAST INSPECTION (2024 INSPECTION)

END BENT 2 SLOPE

NORTH APPROACH LOOKING NORTH

NORTH APPROACH LOOKING SOUTH

LOOKING WEST UNDER SPAN 2

BEAM AND CAP END OVER BENT 2

TYPICAL BEARING AT END BENT 1

EAST PROFILE

TYPICAL INTERMEDIATE DIAPHRAGM IN SPAN 3

LOAD POSTING SIGN AT SOUTHEAST CORNER

LOAD POSTING SIGN AT SOUTHEAST CORNER

SCATTERED FRECKLED RUST ALONG THE LENGTH OF BEAMS

LOOKING EAST

LOOKING WEST

SOUTH APPROACH ASPHALT WEARING SURFACE 3/8 INCH WIDE CRACKS