NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PAR SUBMITTED. NEW REPAIRS. CHANGE IN STRUCTURE DATA.

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 01/24/2022

DIVISION: 7 **COUNTY:** ROCKINGHAM **STRUCTURE NUMBER:** 780001 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR2817 **MILE POST:**

LOCATION: 0.18 MI. N. JCT. SR2594

FEATURE INTERSECTED: US29

LATITUDE: 36° 19' 37.64" **LONGITUDE:** 79° 38' 34.99"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: END BENTS:RC CAP & PPC PILES, INT.BENTS:RC POST & BEAM, BT#1&2:SPREAD & PILE FTGS., BT#

SPANS: 4 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

GRADES: (Inspector/NBI Coding) **DECK** 4 / 4 **SUPERSTRUCTURE** 4 / 4 **SUBSTRUCTURE** 4 / 4 **CULVERT** N / N

POSTED SV: Not Posted **POSTED TTST:** Not Posted

OTHER SIGNS PRESENT: NONE

LOOKING SOUTH

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 N-S

DIRECTION MATCHES PLANS YES

INSPECTED BY	SIGNATURE	ASSISTED BY
EMMANUEL DE JESUS		JOE RANARD

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

03/31/2022

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **780001**
(8) STRUCTURE NUMBER (FEDERAL) **1570001**
(5) INVENTORY ROUTE (ON/UNDER) ON **131028170**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **7**
(3) COUNTY CODE (FEDERAL) **157** (4) PLACE CODE **55900**
(6) FEATURE INTERSECTED **US29**
(7) FACILITY CARRIED **SR2817**
(9) LOCATION **0.18 MI. N. JCT. SR2594**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **1**
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE **36° 19' 37.64"** (17) LONGITUDE **79° 38' 34.99"**
(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 **4**
(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 **1968**
(106) YEAR RECONSTRUCTED **0**
(42) TYPE OF SERVICE ON - **Overpass Structure**
OFF - **Highway** CODE **61**
(28) LANES ON STRUCTURE **2** LANES UNDER STRUCTURE **4**
(29) AVERAGE DAILY TRAFFIC **12000**
(30) YEAR OF ADT **2019** (109) TRUCK ADT PCT **12**
(19) BYPASS OR DETOUR LENGTH **1.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **67.0**
(49) STRUCTURE LENGTH **236.0**
(50) CURB OR SIDEWALK: LEFT **0.0** RIGHT **0.0**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **71.7**
(52) DECK WIDTH OUT TO OUT **78.0**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **64.0**
(33) BRIDGE MEDIAN **Closed Median (no barrier)** CODE **2**
(34) SKEW **22** (35) STRUCTURE FLARED **0**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **40.3**
(53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE **H** **14.8**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE **H** **12.3**
(56) MIN LAT UNDERCLEARANCE LT: **9.5**

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 **58.19**
STATUS = **Structurally Deficient**

CLASSIFICATION — CODE

(112) NBIS BRIDGE SYSTEM **YES**
(104) HIGHWAY SYSTEM **Inventory Route not on NHS** **0**
(26) FUNCTIONAL CLASS **Urban Other Principal Arterial** **14**
(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 **4**
(59) SUPERSTRUCTURE **4**
(60) SUBSTRUCTURE **4**
(61) CHANNEL & CHANNEL PROTECTION **N**
(62) CULVERTS **N**

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD **H 20 + Mod** **6**
(63) OPERATING RATING METHOD - **Load Factor** **1**
(64) OPERATING RATING - **HS-27** **48**
(65) INVENTORY RATING METHOD - **1**
(66) INVENTORY RATING **HS-16** **29**
(70) BRIDGE POSTING **No Posting Required** **5**
(41) STRUCTURE OPEN, POSTED, OR CLOSED **D**
DESCRIPTION **Open, would be psoted or closed escept for temporary shoring**

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION **4**
(68) DECK GEOMETRY **9**
(69) UNDERCLEARANCES, VERT & HORIZ **3**
(71) WATERWAY ADEQUACY **N**
(72) APPROACH ROADWAY ALIGNMENT **8**
(36) TRAFFIC SAFETY FEATURES **0110**
(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 **24,000** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **01/22** (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 **780001** County **ROCKINGHAM** Run Date **03/31/2022**

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	US29S	23000290	16.7	0.0	1	20029	12	2	12500	2018	45.7	H	15.8	11.3	10.3	5		1	☐	☐
2	US29S	23000290	16.7		1	20029	12	2	12500	2018	45.7	H	15.8	11.3	10.3	5	0	1	☐	☐
3	US29N	23000290	15.1	0.0	1	20029	12	2	12500	2018	45.8	H	14.8	12.3	9.5	3		1	☐	☐
3	US29N	23000290	15.1		1	20029	12	2	12500	2018	45.8	H	14.8	12.3	9.5	3	0	1	☐	☐

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** 52.5000 **Skew** 68.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
20	Other Bearing	Other Bearings	20	Each	Unknown	20
10	Plate Girder	Steel Open Girder/Beam	520	Feet	Legacy Red Lead Primer Systems with Various Topcoats	5100
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4095	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	106	Feet		

Span Number 2 **Span Length** 68.5000 **Skew** 68.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
20	Other Bearing	Other Bearings	20	Each	Unknown	20
2	Concrete and Metal Railing	Other Bridge Railing	138	Feet		
1	Compression Seal	Compression Joint Seal	82	Feet		
10	Plate Girder	Steel Open Girder/Beam	690	Feet	Legacy Red Lead Primer Systems with Various Topcoats	6760
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5343	Square Feet		

Span Number 3 **Span Length** 68.5000 **Skew** 68.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
20	Other Bearing	Other Bearings	20	Each	Unknown	20
2	Concrete and Metal Railing	Other Bridge Railing	138	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5343	Square Feet		
1	Compression Seal	Compression Joint Seal	82	Feet		
10	Plate Girder	Steel Open Girder/Beam	690	Feet	Legacy Red Lead Primer Systems with Various Topcoats	6760

Span Number 4 **Span Length** 46.0000 **Skew** 68.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
2	Concrete and Metal Railing	Other Bridge Railing	92	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3588	Square Feet		

Superstructure Build Details

20	Other Bearing	Other Bearings	20	Each	Unknown	20
10	Plate Girder	Steel Open Girder/Beam	460	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4490
1	Compression Seal	Compression Joint Seal	82	Feet		

Structure Element Scoring

Structure Number: **780001**

Inspection Date **1/24/2022**

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	18369	5159	256	12954	0
107	0	Steel Open Girder/Beam	Beam	2360	7	2230	69	54
515	107	Steel Protective Coating	Beam	23110	13850	0	0	9260
205	0	Reinforced Concrete Column	Piles and Columns	15	4	8	3	0
215	0	Reinforced Concrete Abutment	Abutments	168	3	158	7	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	27	27	0	0	0
226	0	Prestressed Concrete Pile	Foundation Pile	3	3	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	25	25	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	423	31	0	378	14
302	0	Compression Joint Seal	Expansion Joints	246	0	246	0	0
316	0	Other Bearings	Bearing Device	80	0	16	64	0
515	316	Steel Protective Coating	Bearing Device	80	0	0	0	80
333	0	Other Bridge Railing	Bridge Rail	474	474	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **780001** Inspection Date: **01/24/2022**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	12651 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	14 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	200 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	89 Square Feet
3314	Steel Open Girder/Beam	Corrosion	30 Feet
3348	Reinforced Concrete Column	Exposed Rebar	5 Each
3348	Reinforced Concrete Column	Delamination/Spall	25 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	4 Feet
3350	Reinforced Concrete Abutment	Exposed Rebar	3 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	122 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	15 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	268 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	86 Feet
3334	Other Bearings	Corrosion	64 Each
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	9340 Square Feet

Element Structure Maintenance Quantities

Structure Number: **780001** Inspection Date **01/24/2022**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	7	168	0	7	158	3
Beam	3314	Maintenance Steel Superstructure Components	30	2360	54	69	2230	7
Beam	3342	Clean and Paint Steel	9260	23110	9260	0	0	13850
Bearing Device	3334	Bridge Bearing	64	80	0	64	16	0
Bearing Device	3342	Clean and Paint Steel	80	80	80	0	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	474	0	0	0	474
Caps	3348	Maintenance of Concrete Substructure	491	423	14	378	0	31
Deck	3326	Maintenance of Concrete Deck	12954	18369	0	12954	256	5159
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	246	0	0	246	0
Footing	3348	Maintenance of Concrete Substructure	0	27	0	0	0	27
Foundation Pile	3348	Maintenance of Concrete Substructure	0	3	0	0	0	3
Piles and Columns	3348	Maintenance of Concrete Substructure	30	40	0	3	8	29

Priority Actions Request

Structure Number 780001

Span2

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)

Span3

3326 **Deck** Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	12	Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR (PAR)

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)
2	Corrosion	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)
2	Corrosion	1	Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Damage	1	Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	1	Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)
2	Damage	18	Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

3314 **Beam 6** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)

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

Priority Actions Request

Structure Number **780001**

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)

3314 **Beam 8** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Damage	0	Span 3 Beam 8: IMPACT DAMAGE: 14"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"WEST x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"WEST x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)
2	Damage	20	Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

3314 **Beam 10** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)
2	Corrosion	1	Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)
2	Damage	40	Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Corrosion	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

Span4

3314 **Beam 1** Plate Girder

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

Priority Actions Request

Structure Number **780001**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)

3314 **Beam 8** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)

Bent 1

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	70	Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 20% SECTION LOSS ON THE EXPOSED REBAR. SPALL UNDER BAY FOR IS UP TO 4 SQ FT. (PAR)
2	Exposed Rebar	6	Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT.

Bent 2

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	14	Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
2	Exposed Rebar	10	Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

3350 **Abutment** Reinforced Concrete Abutment

Priority Level	Defect Type	Quantity	Defect Description

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

Priority Actions Request

Structure Number **780001**

2	Exposed Rebar	3	End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 10% LOSS OF SECTION. (PAR)

Bent 3

3348 **Cap 1** Reinforced Concrete Pier Cap

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	4	Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 20% SECTION LOSS IN THE EXPOSED BAR. (PAR)

3348 **Pile 5** Reinforced Concrete Column

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	5	Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

Approach Guardrail and Barriers

3120 **Approach Guardrail and Barriers** Approach Guardrail and Barriers

Priority Level	Defect Type	Quantity	Defect Description
1		1	APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)
1		1	INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)

Element Condition and Maintenance Data

Structure Number: **780001** Inspection Date: **01/24/2022**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	4,095	0	0	4,095	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL W.) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES	3	4,086	4,086	Square Feet
12	**Delamination/Spall**	**MEDIAN - SPALL (11FT L. X 8 IN WID X FULL HEIGHT) STARTING 2FT FROM NEAR END, RIGHT SIDE**	3	9	9	Square Feet

General Comments

PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) LEFT LANES AT NEAR END & PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) RIGHT LANES AT NEAR END

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	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
107	Corrosion	REPAIR PLATES (3/4IN) TO BOTTOM FLANGE (10IN L. X FULL W.) & WEB STIFFENER (FULL HT. X FULL W.)	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	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	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	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	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	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	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	52	0	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT FAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	52	0	51	1	0	Feet
515	Steel Protective Coating	510	306	0	0	204	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) AT BOTTTOM, 5IN H. FOR 1FT L. AT FAR END	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	51		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO BOTTOM FLANGE (8IN L. X FULL W.) AT FAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	204	204	Square Feet

General Comments

Span 1 Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT 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	5,343	1,906	4	3,433	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL W.) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES	3	3,206	3,206	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING	3	25	25	Square Feet
12	**Exposed Rebar**	**UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR (PAR)**	3	2	2	Square Feet
12	**Patched Areas**	**INTERMITTENT PATCHING (UP TO 50SF) WITH SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING**	3	200	200	Square Feet
12	**Patched Areas**	**SPALL (12IN X 10IN X 2IN) WITH EXPOSED REINFORCING, NEAR END RIGHT SIDE OF LEFT LANES. - REPAIRED SINCE PREVIOUS INSPECTION. NEW REPAIR**	2	2		Square Feet
12	**Patched Areas**	**SPALL (14IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 16FT FROM FAR END. - PATCHED SINCE PREVIOUS INSPECTION, NEW REPAIR**	2	2		Square 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	69	0	63	6	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 20%, 3/16IN SL, 3/4IN REMAIN) FULL WEST. FOR 4FT L. AT NEAR END & WEB SECTION LOSS, (UP TO 1/8IN PITTING) TO BOTTOM 4IN FOR 4FT L. & WEB SECTION LOSS (UP TO 3/16IN SL, 7/16IN REMAIN) TO BOTTOM, 6IN H. FOR 1FT L. AT NEAR END & BOTTOM FLANGE SECTION LOSS (UP TO 14%, 1/8IN SL, 13/16IN REMAIN) FULL WEST. FOR 2FT L. AT FAR END & RIGHT STIFFENER SECTION LOSS, (AVG. 1/8IN REMAIN) AT BOTTOM 1IN H.**	3	6	6	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	63		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) TO LEFT SIDE, FAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	68	1	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) AT BOTTOM, 8IN H. FOR 1FT L. AT NEAR END	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	3		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	67	2	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 14%, 1/8IN SL, 13/16IN REMAIN) FULL W. FOR 18IN L. AT FAR END	3	2	2	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	1	65	3	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN SL, 1/2IN REMAIN) AT BOTTOM, 16IN H. FOR 8IN L. AT NEAR END & LEFT STIFFENER SECTION LOSS (AVG. 3/16IN REMAIN) TO BOTTOM 4IN. & BOTTOM FLANGE SECTION LOSS (UP TO 14%, 1/8IN SL, 13/16IN REMAIN) FULL W. FOR 18IN L. AT FAR END	3	3	3	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO BOTTOM FLANGE (1FT L. X FULL W.) AT NEAR END	1			Feet
107	Corrosion	REPAIR PLATES (3/4IN) TO WEB (3FT L. X 15IN H.) & TOP OF RIGHT SIDE BOTTOM FLANGE (3FT L. X FULL W.) AT FAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 2 Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT 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	82	0	82	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	**Adjacent Deck or Header**	**PATCHING, (UP TO 2FT L. X FULL WIDTH) THROUGHOUT HEADERS**	2	41		Feet
302	**Debris Impaction**	**DEBRIS IMPACTION FULL L.**	2	41		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	5,343	1,942	152	3,249	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL W.) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES	3	3,206	3,206	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING	3	25	25	Square Feet
12	Delamination/Spall	MEDIAN - (X2) SPALLS (UP TO 2FT L. X 12IN W. X 3IN D.) WITH EXPOSED REINFORCING, 5FT FROM FAR END	3	4	4	Square Feet
12	Delamination/Spall	UNDERSIDE OF DECK, RIGHT OVERHANG - SPALL (16IN L. X 6IN W. X 2IN D.) NO EXPOSED REINFORCING AT FAR END	3	2	2	Square Feet
12	**Exposed Rebar**	**SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LAND RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. 80% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)**	3	12	12	Square Feet
12	Patched Areas	INTERMITTENT PATCHING (UP TO 15SF) WITH SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING	2	150		Square Feet
12	**Patched Areas**	**SPALL (16IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 3FT FROM FAR END. PATCHED SINCE PREVIOUS INSPECTION - NEW REPAIR**	2	2		Square 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	69	0	66	0	3	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)**	4	1	1	Feet

107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)**	4	1	1	Feet
107	**Corrosion**	**FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)**	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	66		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) AT LEFT SIDE, FAR END	1			Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) AT LEFT SIDE, NEAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	1	67	1	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 7%, 1/16IN SL, 7/8IN REMIAN) FULL W. FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN.	3	1	1	Feet
107	Corrosion	WEB SECTION LOSS (UP TO 1/16IN SL, AVG. 9/16IN REMAIN) FULL HT. FOR 6IN L. AT FAR END	3		1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	3	44	21	1	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Damage	IMPACT DAMAGE: 11"L CRACK UP TO 3/16"W ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: 1-3/4"L x 1"W x 1/4"D GOUGE ON WEST EDGE OF COVER PLATE AT 24'-6" FROM BENT 3 BEARING.	3	1		Feet
107	Damage	IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)	3	1		Feet
107	Damage	IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR)	3	18		Feet
107	Damage	IMPACT DAMAGE: 2"L x 1-1/4"W x 1/4"D GOUGE ON WEST EDGE OF BOTTOM FLANGE AT 24' FROM BENT 3 BEARING.	3	1		Feet

107	Damage	IMPACT DAMAGE: 3"L x 1"W x 1/2"D GOUGE ON WEST EDGE OF COVER PLATE AT 24' FROM BENT 3 BEARING.	3			Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	40		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	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	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	68	0	1	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)**	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	64		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	68	0	1	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)**	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	3		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	44	24	1	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Damage	IMPACT DAMAGE: 14"L CRACK UP TO 1/4"W ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"W x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"W x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: (2) 1" DIAMETER x 1/4"D GOUGES ON WEST SIDE AT 25'-9" FROM BENT 3 BEARING - (1) ON BOTTOM FLANGE, (1) ON COVER PLATE.	3	1		Feet
107	Damage	IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)	3	2		Feet
107	Damage	IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR)	3	20		Feet
107	Damage	IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 7 AT BEAM 8 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 3" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS.	3	1		Feet

107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	40		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	69	0	0	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	69	0	19	6	44	Feet
515	Steel Protective Coating	676	405	0	0	271	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)**	4	1	1	Feet
107	**Corrosion**	**LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)**	4	1	1	Feet
107	Damage	IMPACT DAMAGE: 12"L CRACK UP TO 1/4"W ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR)	4	40		Feet
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).**	3	1	1	Feet
107	Damage	IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR)	3	1		Feet
107	Damage	IMPACT DAMAGE: 1" DIAMETER x 1/2"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 24'-3" FROM BENT	3	1		Feet
107	**Damage**	**IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)**	3	1		Feet

107	Damage	IMPACT DAMAGE: 5-1/2"L x 3"W x 1/2"D GOUGE ON OUTSIDE EDGE OF COVER PLATE AT 24' FROM BENT 3 BEARING.	3	1		Feet
107	Damage	IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR)	3	1		Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	15		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	2		Feet
107	Damage	IMPACT DAMAGE: (1) 3/4" DIAMETER x 3/16"D INDENTION ON OUTSIDE EDGE OF BOTTOM FLANGE AND (1) 1/2"L x 1/4"H x 1/8"D INDENTION ON OUTSIDE EDGE OF COVER PLATE - BOTH LOCATED 25'-6" FROM BENT 3 BEARING.	2	1		Feet
107	Damage	IMPACT DAMAGE: 4"L x 1"W x 3/16"D INDENTION ON OUTSIDE EDGE OF COVER PLATE AT 25' FROM BENT 3 BEARING.	2	1		Feet
107	Corrosion	REPAIR PLATES (3/4IN X 16IN L. X FULL HT.) TO RIGHT SIDE OF WEB AT FAR END	1			Feet
107	Corrosion	REPAIR PLATES (3/4IN) TO WEB (3FT L. X 15IN H.) AT NEAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	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	82	0	82	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	INTERMITTENT PATCHING, (UP TO 2FT L. X 20FT W.) THROUGHOUT HEADERS	2	64		Feet
302	Debris Impaction	DEBRIS IMPACTION FULL L.	2	18		Feet

General Comments

Span 4 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	3,588	1,311	100	2,177	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL W.) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES	3	2,153	2,153	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING	3	24	24	Square Feet
12	Patched Areas	INTERMITTENT PATCHING (UP TO 12SF) WITH SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING	2	100		Square Feet

General Comments

PARTIAL AWS COVER (UP TO 120SF X 1.5IN D.) LEFT LANES AT FAR END & PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) RIGHT LANES AT FAR END

Span 4 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	1	43	0	2	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)**	4	2	2	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	43		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) AT LEFT SIDE	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	1	44	1	0	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 13%, 1/8IN SL, 13/16IN REMAIN) FULL W. FOR 1FT L. AT NEAR END & LEFT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 2IN.	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 3

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	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 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	46	0	0	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 5

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	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 6

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	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	45	0	1	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)**	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	45	1	0	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)**	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	45	1	0	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 20%, 3/16IN SL, 3/4IN REMAIN) FULL W. FOR 8IN L. AT NEAR END	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2			Feet
107	**Corrosion**	**WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. FOR 2IN H. AT NEAR END WITH REPAIR PLATE (3/4IN X FULL HT.) AT LEFT SIDE. A REPAIR PLATE HAS BEEN INSTALLED.**	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	46	0	45	1	0	Feet
515	Steel Protective Coating	449	269	0	0	180	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 20%, 3/16IN SL, 3/4IN REMAIN) FULL W. FOR 8IN L. AT NEAR END.	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	44		Feet

107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	1		Feet
107	Corrosion	REPAIR PLATES (3/4IN X 16IN L. X FULL HT.) TO RIGHT SIDE OF WEB AT NEAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each

515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	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	
316	Corrosion	MINOR TO MODERATE SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet

General Comments

Span 4 — Expansion Joint 4

Compression Seal

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
302	Compression Joint Seal	82	0	82	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	INTERMITTENT PATCHING, (UP TO 2FT L. X 30FT W.) THROUGHOUT HEADERS	2	78		Feet
302	Debris Impaction	DEBRIS IMPACTION FULL L.	2	4		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	90	0	0	90	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	INTERMITTENT VERTICAL & HORIZONTAL HAIRLINE TO 1/32IN CRACKING (UP TO FULL HT.) THROUGHOUT & (X2) HORIZONTAL OPEN CRACK (UP TO 1/8IN X 12IN L.) AT BASE OF END POST AT LEFT END, RIGHT END SIMILAR	3	87	90	Feet
234	**Exposed Rebar**	**SPALL (10IN X 5IN X 1IN) WITH EXPOSED REINFORCING, FAR FACE AT BEAM 4 & DELAM (1SF) FAR FACE UNDER BEAM 5 & SPALL (10IN X 6IN X 1IN) WITH EXPOSED REBAR, FAR FACE AT BEAM 7. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR.**	3	3	3	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	81	0	0	81	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING & VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING, NEAR FACE AT RIGHT END	3	10	30	Feet
234	**Delamination/Spall**	**SPALL UP TO 18 IN LONG X 3 IN HIGH X 4 IN DEEP IN NEAR FACE BELOW BEAM 10. NO EXPOSED REBAR AND NOT UNDERMINING THE MASONARY PLATE**	3	2	2	Feet
234	**Exposed Rebar**	**DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 80% SECTION REMAINING ON THE EXPOSED REBAR. SPALL UNDER BAY 4 IS UP TO 4 SQ FT. (PAR)**	3	47	70	Feet
234	**Exposed Rebar**	**SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING TO BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1**	3	16	25	Feet
234	**Exposed Rebar**	**SPALL (7FT L. X 1FT WEST. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AT FAR FACE OF BENT.**	3	6	6	Feet
234	**Patched Area**	**DELAMINATED PATCH (2SF) TO TOP EDGE RIGHT OF BEAM 1, NEAR FACE LEFT END**	3		2	Feet
234	**Patched Area**	**PATCH (10FT L. X FULL WIDTH AND UP TO 18 IN HIGH) WITH DELAM (3FT L. X FULL WIDTH) AT RIGHT END OF PATCH, NEAR FACE ABOVE COLUMN 2**	3		10	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	Delamination/Spall	DELAM (3SF) TO FAR RIGHT CORNER AT BOTTOM	3	1	3	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	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 1 Pile 3

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 1 Pile 4

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 1 — Pile 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		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	84	0	80	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Delamination/Spall	DELAM (1SF) TO BACKWALL LEFT OF BEAM 7 & DELAM (3SF) TO BACKWALL IN BAY 3	3	4	4	Feet
215	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACKING (UP TO 5FT L.) THROUGHOUT BACKWALL	2	80		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	81	22	0	45	14	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Exposed Rebar**	**SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR (PAR)**	4	14	14	Feet
234	Cracking (RC and Other)	PARTIALLY SEALED VERTICAL & HORIZONTAL 1/32IN TO 1/16IN CRACKING (UP TO FULL W. X FULL H.) THROUGHOUT LEFT END, NEAR FACE	3	12	30	Feet
234	Delamination/Spall	DELAM (12SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BEAM 7 & DELAM (10SF) TO BOTTOM EDGE & HAIRLINE MAP CRACKING TO FAR FACE AT BAY 4 &	3	22	22	Feet
234	Delamination/Spall	SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. (PAR)	3	10	10	Feet
234	Patched Area	POOR PATCH (3SF) WITH OPEN 1/32IN MAP CRACKING WITH RUST STAINING & EFFLO. THROUGHOUT, RIGHT END	3	1	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	Delamination/Spall	DELAM (10SF) TO FAR RIGHT CORNER AT BOTTOM	3	1	10	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	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 2 Pile 3

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 2 Pile 4

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1		Each

General Comments

Bent 2 Pile 5

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT	2	1	Each

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	90	0	0	90	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**HORIZONTAL 1/16IN CRACKING (UP TO FULL L.) WITH EFFLO. & RUST STAINING THROUGHOUT**	3	84	84	Feet
234	**Delamination/Spall**	**End Bent 2 Cap 1: SPALL (8IN X 8IN X 1.5IN) WITH EXPOSED REINFORCING (UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR), FAR FACE AT BEAM 3 & SPALLING/DELAM (5FT L. X 6IN WIDE X 2IN D.) NO EXPOSED REINFORCING, FAR FACE TOP EDGE AT RIGHT END.**	3	6	6	Feet

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	84	3	78	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	**Exposed Rebar**	**SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)**	3	3	3	Feet
215	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACKING (UP TO 5FT L.) THROUGHOUT BACKWALL	2	78		Feet

General Comments

Bent 3 — 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	81	9	0	72	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HAIRLINE TO 1/32IN MAP CRACKING WITH EFFLO., LEFT END NEAR FACE, RIGHT END SIMILAR & MAP CRACKING (UP TO 1/16IN X 10FT L. X FULL HT.) THROUGHOUT FAR FACE ABOVE COLUMN 1	3	22	34	Feet
234	Delamination/Spall	DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3	3	46	46	Feet
234	**Exposed Rebar**	**SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 80% SECTION REMAINING IN THE EXPOSED BAR. (PAR)**	3	4	4	Feet

General Comments

Bent 3 Pile 5

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	**Delamination/Spall**	**DELAM TO ALL CORNERS FOR UP TO 6 FT HIGH WITH 2 FT HIGH X 4 IN WIDE X 3.5 IN DEEP SPALL TO THE FAR RIGHT CORNER**	3		12	Each
205	**Exposed Rebar**	**SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)**	3	1	5	Each

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4095
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	52
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	53
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	53
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5343
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	69
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 2	Expansion Joint 2	Compression Seal	Compression Joint Seal	82
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5343
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	69
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 3	Expansion Joint 3	Compression Seal	Compression Joint Seal	82
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3588
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	46
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	46
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	46
Span 4	Expansion Joint 4	Compression Seal	Compression Joint Seal	82
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	90
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	84
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	90
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	84
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 780001 **Inspection Date:** 01/24/2022

National Bridge Inventory Items

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

Note:

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	**F**		
Slope Protection	G, F, P, or C	**F**	**10**	**3352**
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	**F**	**5**	**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	**10**
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: 780001 **Inspection Date:** 01/24/2022

Item	Deck - Item 58	**Grade**	4	**Maint Code**		**Qty.**	0
Details	DECK IS RETAINED IN POOR CONDITION DUE TO AREAS OF DELAMINATED CONCRETE AND SPALLS WITH EXPOSED REBAR AND LOSS OF SECTION IN THE EXPOSED REBAR IN ALL SPANS						
Item	Superstructure - Item 59	**Grade**	4	**Maint Code**		**Qty.**	0
Details	SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS						
Item	Substructure - Item 60	**Grade**	4	**Maint Code**		**Qty.**	0
Details	SUBSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO WIDESPREAD AREAS OF SPALLING WITH EXPOSED REBAR AND SECTION LOSS IN THE EXPOSED REBAR.						
Item	Slope Protection	**Grade**	F	**Maint Code**	3352	**Qty.**	10
Details	SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UP TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH						
Item	Utilities	**Grade**	F	**Maint Code**		**Qty.**	0
Details	15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. 5 IN AND 15IN DIAMETER UTILITY PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 9						
Item	Wingwalls	**Grade**	F	**Maint Code**	3350	**Qty.**	5
Details	MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL.						
Item	General Comments and Misc Items	**Grade**		**Maint Code**		**Qty.**	0
Details	UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT						

UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE

Span 1 Deck: MEDIAN - SPALL (11FT L. X 8 IN WID X FULL HEIGHT) STARTING 2FT FROM NEAR END, RIGHT SIDE

Span 2 Deck: INTERMITTENT PATCHING (UP TO 50SF) WITH SPALLING (UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING

Span 2 Expansion Joint 2: PATCHING, (UP TO 2FT L. X FULL WIDTH) THROUGHOUT HEADERS

Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LAND RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Span 3 Deck: SPALL (16IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 3FT FROM FAR END. PATCHED SINCE PREVIOUS INSPECTION - NEW REPAIR

Span 2 Deck: SPALL (14IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 16FT FROM FAR END. - PATCHED SINCE PREVIOUS INSPECTION, NEW REPAIR

Span 2 Deck: SPALL (12IN X 10IN X 2IN) WITH EXPOSED REINFORCING, NEAR END RIGHT SIDE OF LEFT LANES. - REPAIRED SINCE PREVIOUS INSPECTION. NEW REPAIR

Span 2 Expansion Joint 2: DEBRIS IMPACTION FULL L.

Span 1 Deck: HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL WIDTH) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES

NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT

APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR)

CRACKING UP TO 1/2 IN WIDE IN APPROACH PAVEMENT NEAR END BENT 1 FOR FULL WIDTH

MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG.

INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)

Span 1 Beam 4: MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB

Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)

Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)

End Bent 2 Cap 1: HORIZONTAL 1/16IN CRACKING (UP TO FULL L.) WITH EFFLO. & RUST STAINING THROUGHOUT

HOMELESS CAMP UNDER SPAN 4

Bent 1 Cap 1: DELAMINATED PATCH (2SF) TO TOP EDGE RIGHT OF BEAM 1, NEAR FACE LEFT END

Bent 1 Cap 1: PATCH (10FT L. X FULL WIDTH AND UP TO 18 IN HIGH) WITH DELAM (3FT L. X FULL WIDTH) AT RIGHT END OF PATCH, NEAR FACE ABOVE COLUMN 2

Span 1 Beam 6 - Protective System: PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB

Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 80% SECTION REMAINING ON THE EXPOSED REBAR. SPALL UNDER BAY 4 IS UP TO 4 SQ FT. (PAR)

Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

Bent 1 Cap 1: SPALL UP TO 18 IN LONG X 3 IN HIGH X 4 IN DEEP IN NEAR FACE BELOW BEAM 10. NO EXPOSED REBAR AND NOT UNDERMINING THE MASONARY PLATE

Span 1 Beam 10: REPAIR PLATE (3/4IN) TO BOTTOM FLANGE (8IN L. X FULL WIDTH) AT FAR END

Bent 1 Cap 1: SPALL (7FT L. X 1FT WEST. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AT FAR FACE OF BENT.

Bent 1 Cap 1: VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING & VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING, NEAR FACE AT RIGHT END

Bent 1 Pile 5: PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT

Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)

Bent 2 Cap 1: SPALLING (14FT L. X 3FT WIDE X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR (PAR)

Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 70% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Span 3 Beam 10: REPAIR PLATES (3/4IN) TO WEB (3FT L. X 15IN H.) AT NEAR END

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).

Bent 2 Cap 1: POOR PATCH (3SF) WITH OPEN 1/32IN MAP CRACKING WITH RUST STAINING & EFFLO. THROUGHOUT, RIGHT END

Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)

Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)

Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)

Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)

THERE IS EROSION BELOW THE CONCRETE APRON AT THE RGHT END OF BENT 3 RESULTING IN A 5.5 FT LONG X 1 FT HIGH GAP WHICH CAN BE PROBED UP TO 21 IN DEEP. THIS IS THE RESULT OF A DISCONTINUITY IN THE APRON TO MAKE ROOM FOR A CATCH BASIN.

Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END (PAR)

Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)

Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)

Span 4 Beam 9: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. FOR 2IN H. AT NEAR END WITH REPAIR PLATE (3/4IN X FULL HT.) AT LEFT SIDE. A REPAIR PLATE HAS BEEN INSTALLED.

Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)

Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)

Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

Span 3 Beam 10: IMPACT DAMAGE: 18"L SCTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)

Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3

Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3

Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3

Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 80% SECTION REMAINING IN THE EXPOSED BAR. (PAR)

Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)

Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)

Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR (PAR)

End Bent 2 Cap 1: SPALL (8IN X 8IN X 1.5IN) WITH EXPOSED REINFORCING (UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR), FAR FACE AT BEAM 3 & SPALLING/DELAM (5FT L. X 6IN WIDE X 2IN D.) NO EXPOSED REINFORCING, FAR FACE TOP EDGE AT RIGHT END

End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

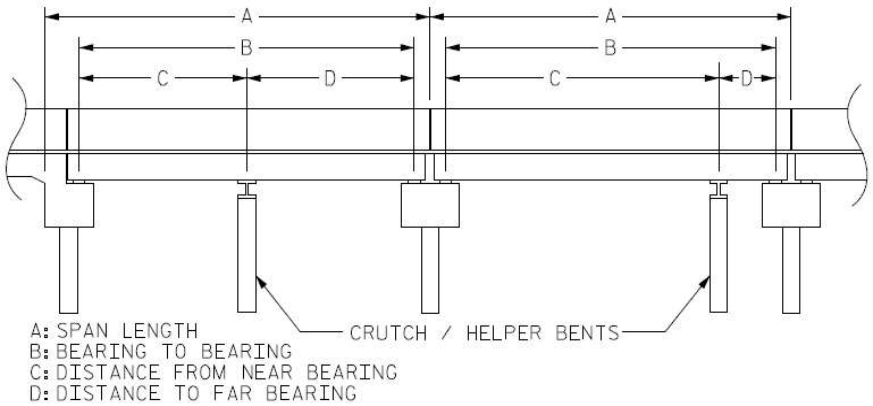
MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL.

15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2.

Structure Data Worksheet

Span Profile

County: **ROCKINGHAM** Structure Number: **780001**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	52.500	50.000			
2	68.500	67.000			
3	68.500	67.000			
4	46.000	43.500			

Structure Number: 780001 Span: 2 Route Name: US29S

WEST UNDERCLEARANCE PROFILE IN SPAN 2

Route Number: 23000290	**Route Name:** US29S			**Reference Feature:** H
Minimum Vertical Clearance 15.833 feet	**Maximum Minimum Vertical Clearance** 16.667 feet			
Total Horizontal Clearance 45.666 feet	**Lateral Clearances: Left:** 10.333 feet **Right** 11.333 feet			
☑ **Base Highway Network**	**LRS Inventory Route, Sub Route Number** 20029			
Milepost: 0.000	**Number of Lanes:** 2	**ADT:** 12500	**Year of ADT:** 2018	**Percentage of Trucks:** 12
☑ **National Highway System**		☐ **STRAHNET Highway Designator**		
Functional Classification 12	Local Principal Arterial - Other	**Direction of Traffic:** 1	1 - way traffic	

Structure Number: 780001 Span: 3 Route Name: US29N

EAST UNDERCLEARANCE PROFILE IN SPAN 3

Route Number: 23000290	**Route Name:** US29N			**Reference Feature:** H
Minimum Vertical Clearance 14.833 feet	**Maximum Minimum Vertical Clearance** 15.083 feet			
Total Horizontal Clearance 45.833 feet	**Lateral Clearances: Left:** 9.500 feet **Right** 12.333 feet			
☑ **Base Highway Network**	**LRS Inventory Route, Sub Route Number** 20029			
Milepost: 0.000	**Number of Lanes:** 2	**ADT:** 12500	**Year of ADT:** 2018	**Percentage of Trucks:** 12
☑ **National Highway System**		☐ **STRAHNET Highway Designator**		
Functional Classification 12	Local Principal Arterial - Other	**Direction of Traffic:** 1	1 - way traffic	

GUARDRAIL END TREATMENT AT SOUTHEAST CORNER. TYPICAL AT NORTHWEST

POST SPACING AT MID LENGTH AT SOUTHWEST GUARDRAIL. TYPICAL AT NORTHWEST

TYPICAL POST SPACING AT BRIDGE AT SOUTHWEST CORNER

GUARDRAIL TO BRIDGE RAIL ATTACHEMENT AT SOUTHWEST CORNER

BRIDGE PLAQUE AT SOUTHWEST CORNER. TYPICAL AT NORTHWEST CORNER

SOUTH APPROACH

BRIDGE RAIL END TREATMENT AT SOUTHWEST CORNER TYPICAL AT NORTHEAST

JOINT OVER END BENT 2. TYPICAL AT END BENT 1.

LOOKING NORTH

TOP OF DECK, FAIR CONDITION

JOINT OVER BENT 2. TYPICAL AT BENTS 1 AND 3

LOOKING WEST FROM TOP OF BRIDGE

LOOKING EAST FROM TOP OF BRIDGE

TYPICAL BRIDGE RAIL IN ALL SPANS BOTH SIDES. BOTTOM COVERED BY SNOW FOR FULL LENGTH IN BOTH SHOULDERS

TOP OF DECK - WITH PATCHED SPALLS SCATTERED THROUGHOUT

NORTH APPROACH

LOOKING SOUTH

SLOPE PROTECTION AT END BENT 1

END BENT 1 PROFILE

TYPICAL BEARING AT END BENT 1

BENT 2 PROFILE

SUPERSTRUCTURE UNDERSIDE IN SPAN 2. TYPICAL IN OTHER SPANS.

BEAM AND CAP ENDS AT BENT 2. TYPICAL

WEST ELEVATION

EASTBOUND UNDERCLEARANCE PROFILE IN SPAN 3

EAST ELEVATION

WESTBOUND UNDERCLEARANCE PROFILE IN SPAN 2

SLOPE PROTECTION AT END BENT 2

END BENT 2 PROFILE

UTILITIES IN BAY 1

UTILITIES IN BAY 9

TYPICAL BEARING AT THE BENT

TYPICAL INTERMEDIATE DIAPHRAGM IN SPAN 1

TYPICAL END DIAPHRAGM OVER BENT 1

LADDER USED

TYPICAL WINGWALL AT SOUTHEAST CORNER

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)	
3314	Maintain Steel Superstructure Components	LF	18	Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	20	Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	0	Span 3 Beam 8: IMPACT DAMAGE: 14"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"WEST x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"WEST x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	40	Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3326	Maintain Concrete Deck	SF	2	Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	12	Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR (PAR)	
3348	Maintain Concrete Substructure Components	LF	6	Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT.	
3348	Maintain Concrete Substructure Components	LF	70	Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 20% SECTION LOSS ON THE EXPOSED REBAR. SPALL UNDER BAY FOR IS UP TO 4 SQ FT. (PAR)	
3348	Maintain Concrete Substructure Components	LF	10	Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)	
3348	Maintain Concrete Substructure Components	LF	14	Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR)	
3348	Maintain Concrete Substructure Components	LF	4	Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 20% SECTION LOSS IN THE EXPOSED BAR. (PAR)	
3348	Maintain Concrete Substructure Components	LF	5	Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3350	Maint R C Wings and Walls	SF	3	End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 10% LOSS OF SECTION. (PAR)	
3120	Repair/Maintain Barriers	LF	1	INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)	
3120	Repair/Maintain Barriers	LF	1	APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	18 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 8: IMPACT DAMAGE: 14"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"WEST x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"WEST x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	40 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/31/2022	EMMANUEL DE JESUS	

Details

Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	2 SF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	12 SF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	6 LF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT.

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	70 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 20% SECTION LOSS ON THE EXPOSED REBAR. SPALL UNDER BAY FOR IS UP TO 4 SQ FT. (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	10 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	14 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	4 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details
Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 20% SECTION LOSS IN THE EXPOSED BAR. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	Bent 2 Cap 1: SPALLING (1	

Details

Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

MMS Code	MMS Description	Quantity
3350	Maint R C Wings and Walls	3 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
01/24/2022	EMMANUEL DEJESUS	

Details

End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 10% LOSS OF SECTION. (PAR)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 780001 County ROCKINGHAM

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

MMS Code	MMS Description	Quantity
3120	Repair/Maintain Barriers	1 LF

Location:
Bent/Span No.

Priority Level	Status
Recommended	Routine Maintenance

Submitted Date:	Submitted By:	Assisted By:
01/27/2022	EMMANUEL DE JESUS	

Details
INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)

MMS Code	MMS Description	Quantity
3120	Repair/Maintain Barriers	1 LF

Location:
Bent/Span No.

Priority Level	Status
Recommended	Routine Maintenance

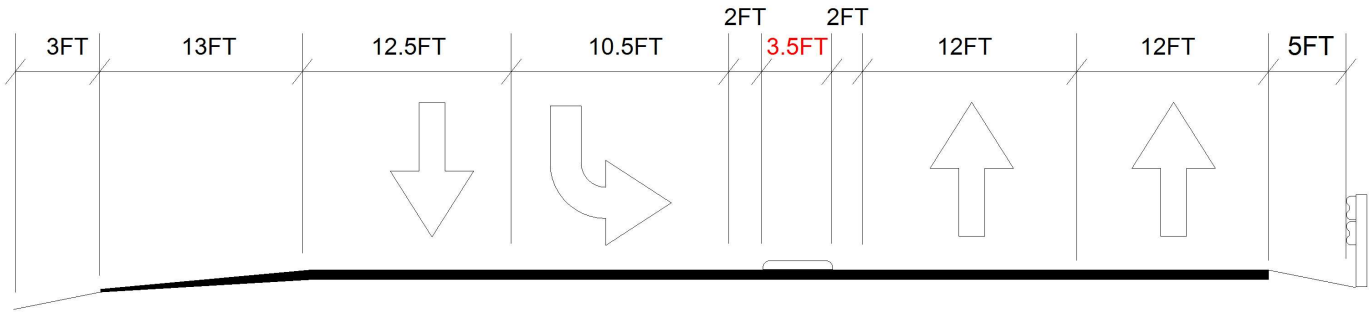
Submitted Date:	Submitted By:	Assisted By:
01/27/2022	EMMANUEL DE JESUS	

Details
APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)

Bridge Inspection Field Sketch

LOOKING STATIONS AHEAD - SOUTH

SR 2817



MEASUREMENTS TAKEN AT NEAR END OF BRIDGE

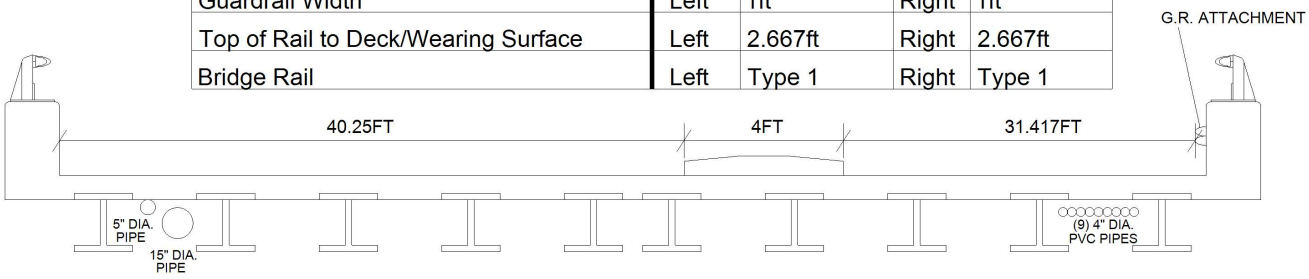
Left Lanes - Looking South			
Roadway	23ft Wide	2 Paved Lanes	North Bound
Right Shoulder	2ft Wide	2ft Paved	
Left Shoulder	16ft Wide	13ft Paved	3ft Unpaved
Right Guardrail			
Left Guardrail			
Median	3.5ft Wide	0.25ft High	
Right Lanes - Looking South			
Roadway	24ft Wide	2 Paved Lanes	South Bound
Left Shoulder	2ft Wide	2ft Paved	
Right Shoulder	5ft Wide		5ft Unpaved
Left Guardrail			
Right Guardrail	5ft from road		

REVISED BY ED ON 1/24/22

Title	**Description**		
APPROACH ROADWAY SKETCH	DATA WORKSHEET		
Bridge No: 780001	**Drawn By:** P. GUFFEY	**Date:** 1/08/2018	**File Name:** S0058000162

Bridge Inspection Field Sketch

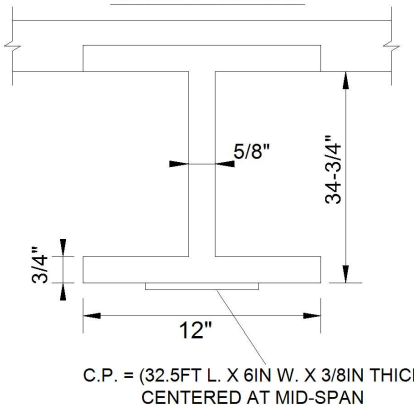
Deck Width/Out to Out	78ft	Between Rails			76ft
Clear Roadway	71.667ft [2]	Wearing Surface			
Median Width	4ft	Median Height			0.5ft
Curb Height		Left	1.5ft	Right	1.5ft
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left	40.25ft [2]	Right	31.417ft [2]
Guardrail Width		Left	1ft	Right	1ft
Top of Rail to Deck/Wearing Surface		Left	2.667ft	Right	2.667ft
Bridge Rail		Left	Type 1	Right	Type 1



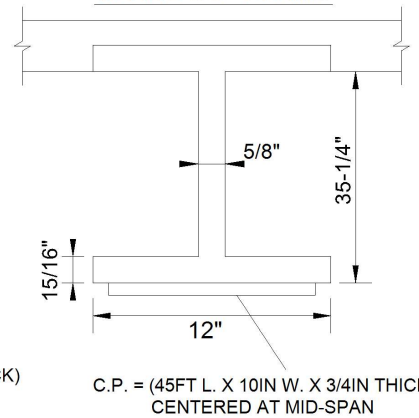
Measurements for Span #	1		
Deck Thickness	0.656	Left Overhang	3
Top of Rail to Bottom of Beam	6.323 [1]	Right Overhang	3

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8.333ft	[1] MEASUREMENT FOR SPAN 2 & 3: (SPAN 1=6.25FT, SPAN 4=6.24FT)
2	Steel I Beam	8.333ft	[2] MEASUREMENTS TAKEN AT NEAR END OF SPAN 1
3	Steel I Beam	8.333ft	
4	Steel I Beam	8.333ft	
5	Steel I Beam	5.333ft	
6	Steel I Beam	8.333ft	
7	Steel I Beam	8.333ft	
8	Steel I Beam	8.333ft	
9	Steel I Beam	8.333ft	
10	Steel I Beam	ft	

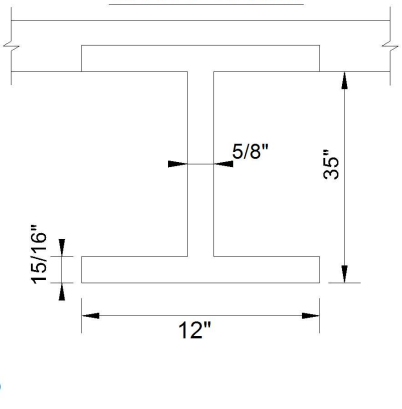
SPAN 1 - BEAMS



SPAN 2 & 3 - BEAMS



SPAN 4 - BEAMS

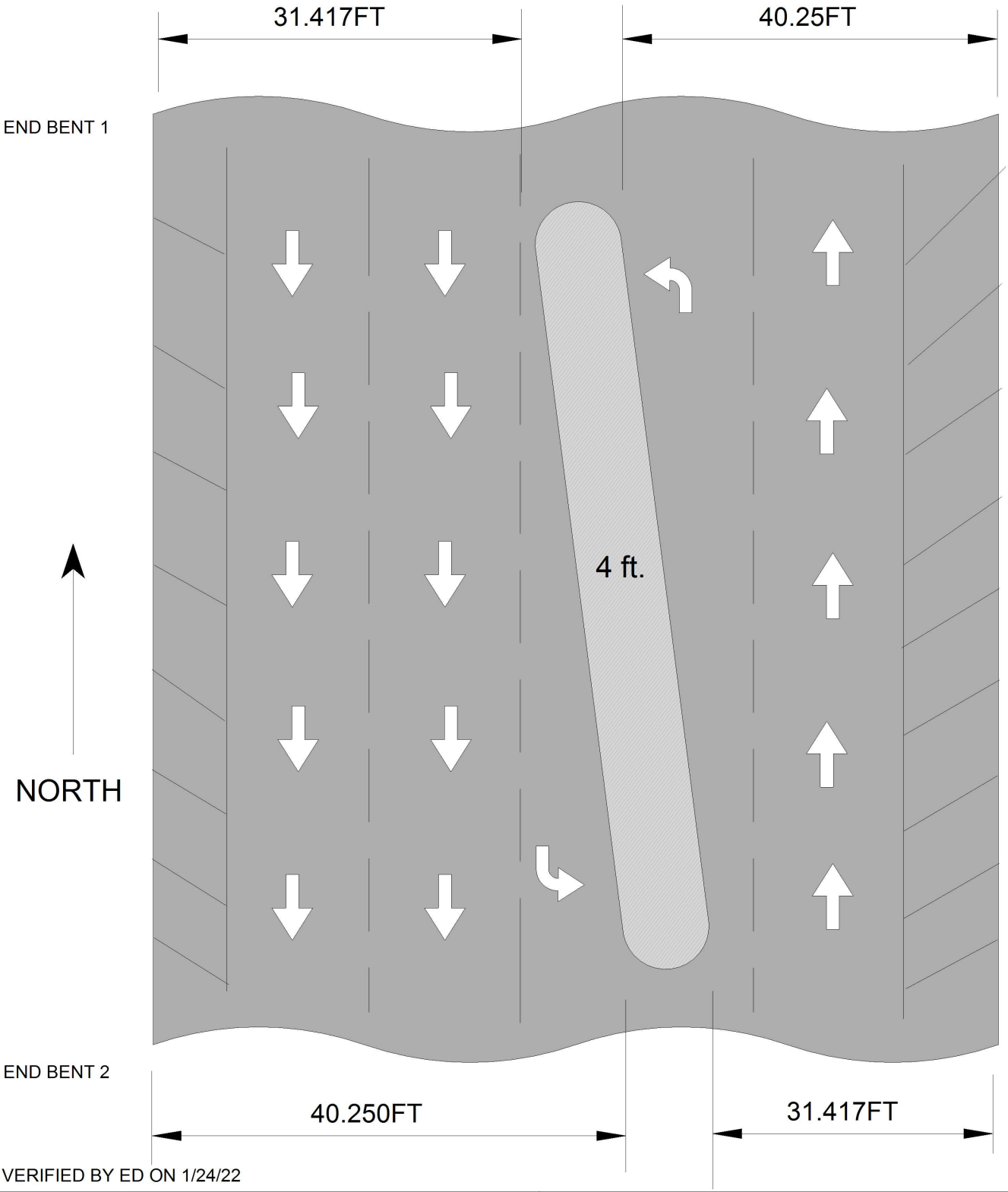


VERIFED BY ED ON 1/24/22

Title	Description
TYPICAL SECTION	data

Bridge No:	Drawn By:	Date:	File Name:
780001	MYW	1/12/10	S0058000163

Bridge Inspection Field Sketch



VERIFIED BY ED ON 1/24/22

Title	Description
PLAN VIEW	rdway at bridge

Bridge No:	Drawn By:	Date:	File Name:
780001	MYW	1/12/10	S0058000166

Bridge Inspection Field Sketch

Cap Information			Material Cast-in-Place Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
81.000 ft.	3.000 ft.	4.000 ft.	4.500 ft.	4.500 ft.	1.500 ft.	1.500 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
2	Concrete	18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
3	Concrete	18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
4	Concrete	18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
5	Concrete		2.5 ft.	3 ft.		Vertical	No	No	No	No

MODIFEID BY ED ON 1/24/2022

Bent/Abutment #: 1 Similar Bents: 2, 3

Title	**Description**
BENT SKETCH	DATA WORKSHEET

Bridge No: 780001	**Drawn By:** P. GUFFEY	**Date:** 1/08/2018	**File Name:** S0526000090

Bridge Inspection Field Sketch

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Title	Description
SPAN 2 UNDERCLEARANCE	US29 SOUTH

Bridge No:	Drawn By:	Date:	File Name:
780001	MYW	1/12/10	S0058000165

Bridge Inspection Field Sketch

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Title	Description
SPAN 3 UNDERCLEARANCE	US29 NORTH

Bridge No:	Drawn By:	Date:	File Name:
780001	MYW	1/12/10	S0058000164