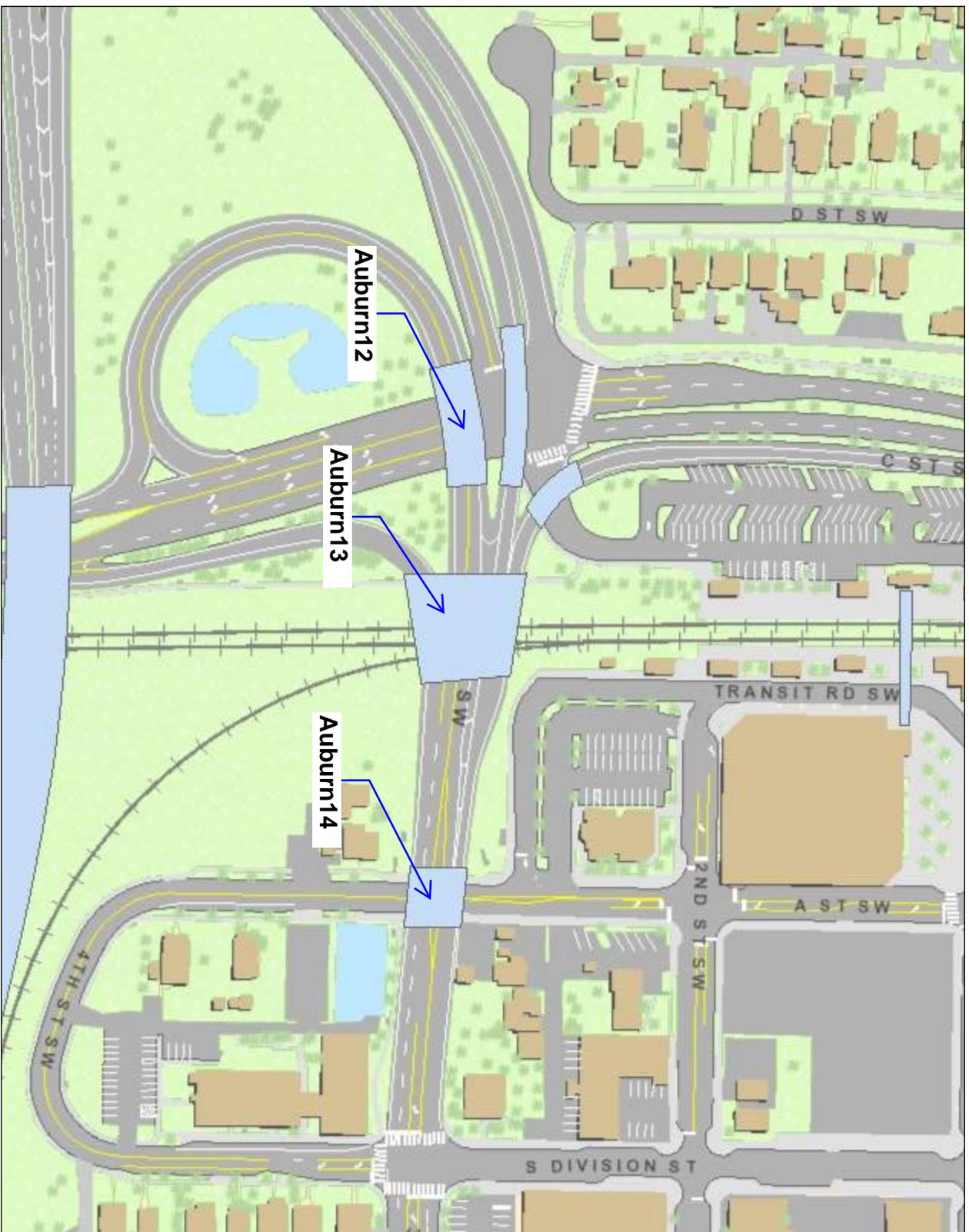


CP2006 - 3rd Street SW Bridge Decks



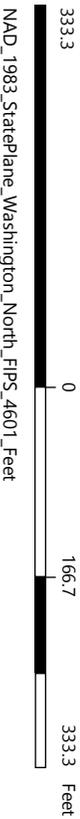
Printed Date: 4/23/2019
 Map Created by City of Auburn egis
 Imagery Date: May 2015
 Information shown is for general reference purposes only and does not necessarily represent exact geographic or cartographic data as mapped. The City of Auburn makes no warranty as to its accuracy.

Legend

- Bridges
- Street Painted Lines_1k**
- Airport
- Bike Lane
- Bike Lane Symbol
- Crosswalk
- Dashed Dividing Line
- Directional Symbols
- Fog Line
- Parking
- HOV Lane
- HOV Symbol
- On Street Parking
- Painted Road Line
- Railroad Crossing
- Solid Dividing Line
- Stop Line
- Trees_1k
- Buildings
- BuildingsRep
- Curbs_1k
- Parking_1k
- Driveways_1k
- Streets_1k
- Streets County_1k
- Street Surface 1k

Notes

Type any additional notes - delete text to leave blank



NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN12 **Page 1 of 3** **Structure Type**
Bridge Name 3rd St SW/SB Off Ramp **Route** 01080 **Intersecting** C ST SW
Structure ID 08719300 **MilePost** 1.01 **Location** 0.3 West of Hwy 18

Inspector's Signature JMO IDent# G0101 Co-Inspector's Signature MAH

										Inspections Performed:				
7		Structural Adqcy (657)	N		Pier/Abut/Protect (679)	2002	Year Built (332)	IT	NT	HRS	Date	Rep Type		
*	6	Deck Geometry (658)	N		Scour (680)	0	Year Rebuilt (336)	Y	24	1.0	10/30/2010	Routine		
8		Underclearance (659)	6		Approach Rdwy (681)	A 63	N 60 Oper Rating (551)					Fract Crit		
5		Operating Level (660)	5		Retaining Walls (682)	A 45	N Inv Rating (554)					Underwater		
8		Alignment Adqcy (661)	9		Pier Protection (683)	A	Open Close (293)					Special		
9		Waterway Adqcy (662)	1		Bridge Rails (684)	9999	Vert Over Deck (360)					Interim		
5		Deck Overall (663)	1		Transition (685)	1801	Vert Under (374)					Equipment		
9		Drains Condition (664)	1		Guardrails (686)	H	Vert Und Code (378)					Damage		
7		Superstructure (671)	1		Terminals (687)		0.00 Asphalt Depth					Safety		
0		Number Utilities (675)	Y		Revise Rating (688)		25 Speed Limit					Short Span		
7		Substructure (676)			Photos Flag (691)						Total: 1.0			
9		Chan/Protection (677)			Soundings Flag (693)									
9		Culvert (678)			Measure Clearance (694)						Suff Rating: 99.00	98.24		

BMS Elements 26 to 904

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	6,204	SF	6,142	0	62	0
92	Steel Welded Girder	705	LF	705	0	0	0
215	Concrete Abutment	88	LF	88	0	0	0
311	Moveable Bearing (roller, sliding, etc)	5	EA	5	0	0	0
313	Fixed Bearing	5	EA	5	0	0	0
331	Concrete Bridge Railing	282	LF	282	0	0	0
404	Compression Seal / Concrete Header	88	LF	88	0	0	0
904	Organic Zinc/Urethane Paint System	10,000	SF	10,000	0	0	0

Notes 0 to 695

0 Orientation

This bridge is west of Auburn 13, and south of both the State bridge and Auburn 11. The bridge runs west to east over C Street. The structure is an on-off ramp between 3rd Street and C Street.

26 Concrete Deck

DECK SURFACE: Widespread transverse and longitudinal cracks. Many mud ball voids scattered throughout.

DECK SOFFIT: Heavy leaching transverse cracks spaced 2' -3'. Some longitudinal cracks beginning to extend off of transverse cracks.

BRIDGE INSPECTION REPORT

BAM WO CC WE PD

Status: Released

Ver Date 12/8/2010
Printed on: 12/17/2010

Agency: AUBURN
Program Mgr: Grant D. Griffin

Bridge No.	AUBURN12	Page 2 of 3	Structure Type		
Bridge Name	3rd St SW/SB Off Ramp	Route	01080	Intersecting	C ST SW
Structure ID	08719300	MilePost	1.01	Location	0.3 West of Hwy 18

Notes 0 to 695

92
Steel Welded Beams

Pigeon activity on all steel girders. Some areas guano is piled in excess of 12 " deep. Area beneath both abutments littered with guano. Ivy obscures SE 15' of beam E.

215
Concrete Abutment

Vertical and diagonal cracks every 4' on the abutment.

There is a crack on the north end of the east abutment back wall on the top at joint with the State owned bridge.

Ivy growth on west and east abutment - See work order.

Shallow spalls in NW abutment wall at restrainer interface.

Map cracking throughout surface of restrainer towers.

331
Concrete Bridge Railing

There are vertical cracks in the railing throughout the bridge. The east corner of the south approach rail shows signs of movement and has spalling on the outside face of the railing. See notes under retaining wall.

404
Expansion Joints

Cracks throughout both concrete headers.

Heavy cracking and spalls in east header at the north end near the rail.

East header is 1/2" higher than bridge deck.

682
Retaining Walls

The retaining wall at the NW, SW and SE corners of the bridge shows signs of settlement and rotation at the joint with the curtain wall. The settlement is reflected on the concrete barrier rail. Notable spalling on the SE approach rail. Ivy obscures SE and SW retaining walls.

Measurement of the settlement and rotation at the SE approach rail at the joint between the curtain wall and retaining wall:
MONITOR

10/30/2010 measurement 1-3/4" horizontal and 2" vertical.

10/2006 measurement 1-1/4" horizontal and 1-1/4" vertical.

10/2004 measurement 1-1/8" vertical.

688
Revise Rating

No Stamped Load Rating on file. Values entered are per HS-25 design standards.

Traffic ADT counts are estimated.

695
Monitor SE retaining wall settlement and rotation.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

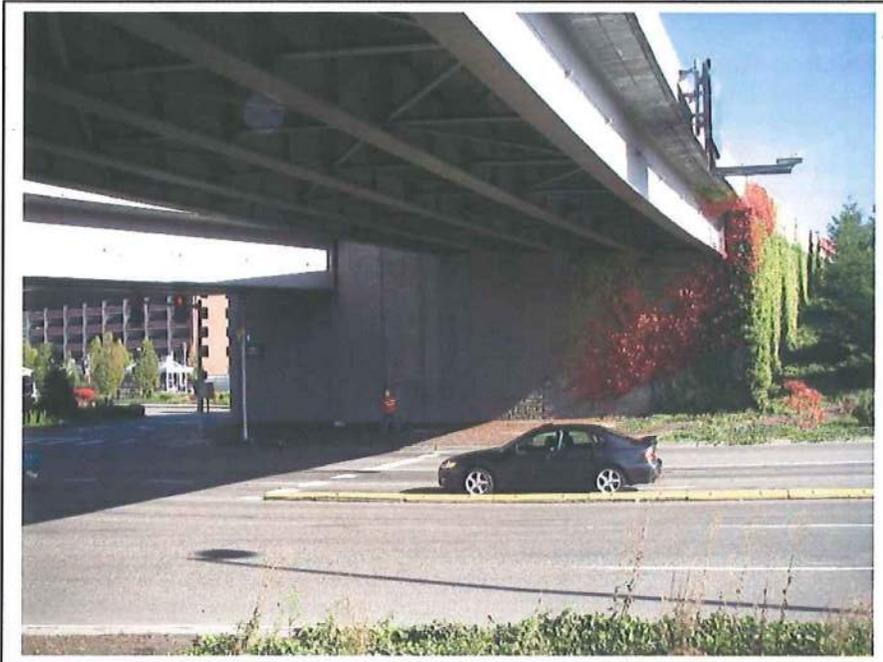
Bridge No.	AUBURN12	Page 3 of 3	Structure Type
Bridge Name	3rd St SW/SB Off Ramp	Route	01080 Intersecting C ST SW
Structure ID	08719300	MilePost	1.01 Location 0.3 West of Hwy 18

Repairs to					
Repair No	Pr	R	Repair Description	Date Noted	Verified
			(No repairs for this structure)		

Inspections Performed and Resources Required								
Report Type	Date	II	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/30/2010	Y	24	1.0	JMO	G0101	MAH	

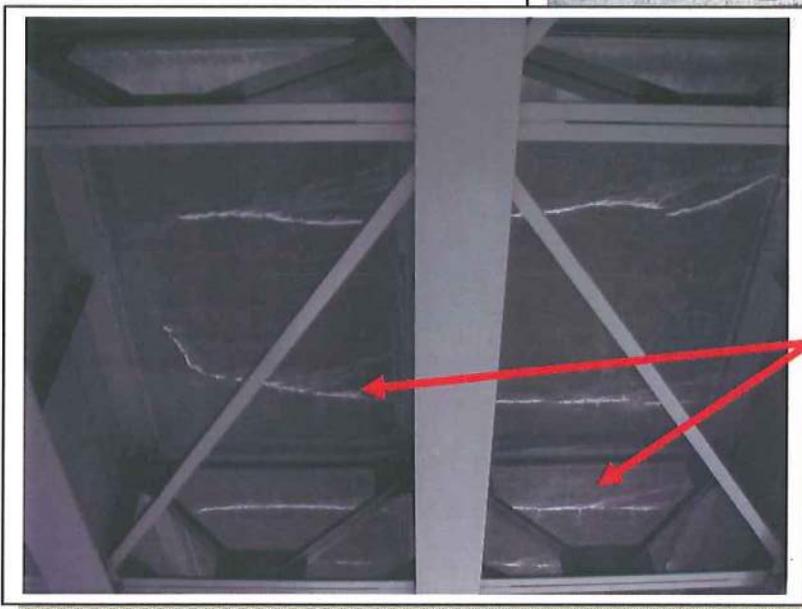
Sticky Notes			
Creator	Created	Table Reference	Notes

City of Auburn – 3rd St SW/SB Off-ramp No. Auburn12 Inspected October 20, 2010



Looking east to abutment 2.

Cracks in concrete header at east joint north end.



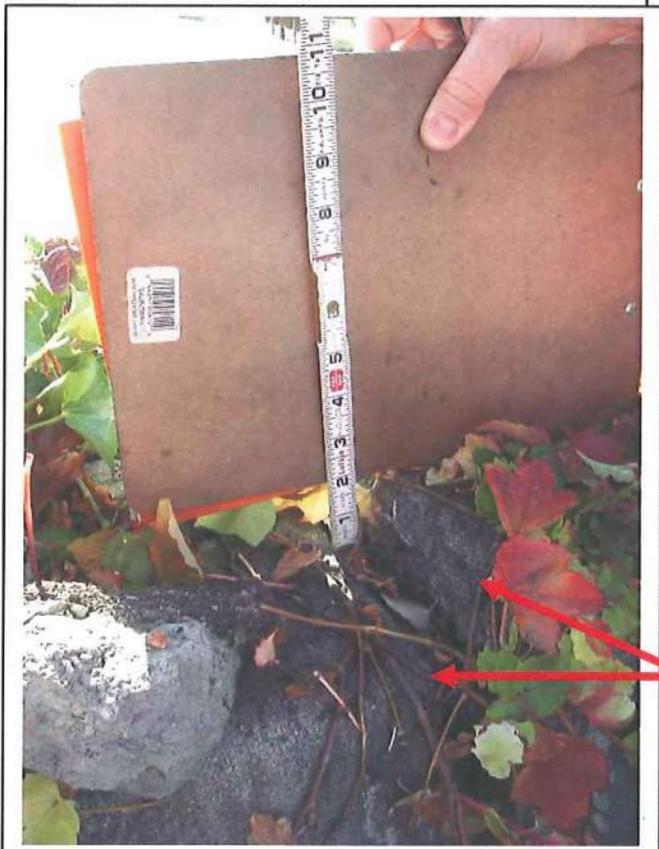
Transverse leaching cracks throughout deck soffit.

City of Auburn - 3rd St SW/SB Off-ramp No. Auburn12 Inspected October 20, 2010



NW corner rail settlement up to 2".

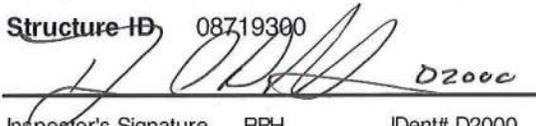
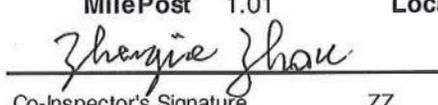
Open gap 2.5", some spalling at SW corner rail.



SE corner rail settlement up to 2" with spalling at rail joint.

BRIDGE INSPECTION REPORT

WO CC WE PD Ver Date 1/3/2013 Agency: AUBURN
 BAM Status: **Released** Printed on: 1/31/2013 Program Mgr: Grant D. Griffin

Bridge No. AUBURN12 **Page 1 of 4** **Structure Type**
Bridge Name 3rd St SW/SB Off Ramp **Route** 01080 **Intersecting** C ST SW
Structure ID 08719300 **MilePost** 1.01 **Location** 0.3 West of Hwy 18
 **Inspector's Signature** RPH **IDent#** D2000
 **Co-Inspector's Signature** ZZ

						Inspections Performed:				
						IT	NT	HRS	Date	Rep Type
7	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	2002	Year Built (332)					
6	Deck Geometry (658)	N	Scour (680)	0	Year Rebuilt (336)	Y	24	1.0	10/8/2012	Routine
8	Underclearance (659)	6	Approach Rdwy (681)	F 99	Oper Rating (551)					Fract Crit
5	Operating Level (660)	5	Retaining Walls (682)	F 99	Inv Rating (554)					Underwater
8	Alignment Adqcy (661)	9	Pier Protection (683)	A	Open Close (293)					Special
9	Waterway Adqcy (662)	1	Bridge Rails (684)	9999	Vert Over Deck (360)					Interim
5	Deck Overall (663)	1	Transition (685)	1801	Vert Under (374)					Equipment
9	Drains Condition (664)	1	Guardrails (686)	H	Vert Und Code (378)					Damage
7	Superstructure (671)	1	Terminals (687)	0.00	Asphalt Depth					Safety
0	Number Utilities (675)	N	Revise Rating (688)	25	Speed Limit					Short Span
7	Substructure (676)		Photos Flag (691)						Total: 1.0	
9	Chan/Protection (677)		Soundings Flag (693)							
9	Culvert (678)		Measure Clearance (694)						Suff Rating: 98.24	98.24

BMS Elements 26 to 904

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	6,204	SF	2,204	2,000	2,000	0
92	Steel Welded Girder	705	LF	705	0	0	0
215	Concrete Abutment	88	LF	88	0	0	0
311	Moveable Bearing (roller, sliding, etc)	10	EA	10	0	0	0
331	Concrete Bridge Railing	282	LF	282	0	0	0
358	Deck Cracking	1	EA	0	0	1	0
404	Compression Seal / Concrete Header	88	LF	88	0	0	0
904	Organic Zinc/Urethane Paint System	10,000	SF	10,000	0	0	0

Notes 0 to 904

0
 ORIENTATION
 This bridge is west of Auburn 13, and south of State bridge of similar design. The bridge runs west to east over C Street. The structure is an on-off ramp between 3rd Street and C Street.

26
 DECK, CONCRETE
 SURFACE: Widespread transverse and longitudinal cracks. Many mud ball voids scattered throughout.
 SOFFIT: Numerous thick white leaching transverse cracks spaced 2' -3'. Some longitudinal cracks.

BRIDGE INSPECTION REPORT

WO	CC	WE	PD
BAM			

Status: Released

Ver Date 1/3/2013

Printed on: 1/31/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 2 of 4

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Notes 0 to 904

92
GIRDERS, WELDED STEEL

Five lines of curved steel girders. Pigeon activity on all steel girders with guano is piled in excess of 12 " deep. Area beneath both abutments littered with guano. Ivy obscures SE 15' of beam E.

215
ABUTMENT, CONCRETE

Ornamental finish. Vertical and diagonal cracks every 4' on the abutment. Vertical crack in east abutment wall between this bridge and State bridge. Ivy growth on west and east abutment - See work order.

Shallow spalls in NW abutment wall at restrainer interface.

Map cracking throughout surface of restrainer towers.

311
BEARINGS, ELASTOMERIC

Bearings appear to be performing as designed. Bearings hardly visible under piles of pigeon guano.

331
RAILING, CONCRETE

Vertical cracks throughout.. The east corner of the south approach rail shows signs of movement and has spalling on the outside face of the railing. See notes under retaining wall.

358
DECK CRACKING - SEE NOTE 26

404
EXPANSION JOINTS, COMPRESSION SEALS

Cracks throughout both concrete headers.

Heavy cracking and spalls in east header at the north end near the rail.

East header is 1/2" higher than bridge deck.

681
APPROACH ROADWAY

Minor settlement in both approaches.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: **Released**
 Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN12 **Page 3 of 4** **Structure Type**
Bridge Name 3rd St SW/SB Off Ramp **Route** 01080 **Intersecting** C ST SW
Structure ID 08719300 **MilePost** 1.01 **Location** 0.3 West of Hwy 18

Notes 0 to 904

682
 RETAINING WALLS

The retaining wall at the NW, SW and SE corners of the bridge shows signs of settlement and rotation at the joint with the curtain wall. The settlement is reflected on the concrete barrier rail. Notable spalling on the SE approach rail. Ivy obscures SE and SW retaining walls.

MONITOR: Settlement and rotation of barrier at SE approach joint between the curtain wall and retaining wall:

Date	Horizontal	Vertical
2012	2"	2"
2010	1-3/4"	2"
2006	1-1/4"	1-1/4"
2004	1-1/8"	

688
 ADT and Load Rating Revised – 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.

695
 MONITOR
 SE retaining wall settlement and rotation, See note 682

904
 PAINT
 Heavy accumulation of pigeon guano on bottom flanges and diaphragms.

Repairs 10000 to 10001

Repair No	Pr	R	Repair Description	Date Noted	Verified
10000	1	B	WASHING: Steel girders and bearings are covered in deep piles of pigeon guano. Thoroughly flush flanges, diaphragms, and bearings. Spot paint where necessary after paint system is visible.	10/24/2012	
10002	1	B	DECK OVERLAY: Deck is cracked throughout with thick white leaching cracks in soffit. Migration of water through deck will start rusting the top flanges of the steel girders. Install two-coat epoxy/aggregate overlay to seal deck and protect steel.	10/24/2012	
10003	2	B	BIRDS: Heavy accumulation of pigeon guano on steel flanges, cross bracing, and bearings. Terminate birds.	10/24/2012	
10001	M	M	MONITOR: Settlement at approaches. Monitoring point set at SE approach rail	10/24/2012	

BRIDGE INSPECTION REPORT

WO	CC	WE	PD
BAM			

Status: **Released**

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN12	Page 4 of 4	Structure Type
Bridge Name 3rd St SW/SB Off Ramp	Route 01080	Intersecting C ST SW
Structure ID 08719300	MilePost 1.01	Location 0.3 West of Hwy 18

Inspections Performed and Resources Required

<u>Report Type</u>	<u>Date</u>	<u>IT</u>	<u>Frq</u>	<u>Hrs</u>	<u>Insp</u>	<u>CertNo</u>	<u>Coinsp</u>	<u>Note</u>
Routine	10/8/2012	Y	24	1.0	RPH	D2000	ZZ	

Sticky Notes

Creator	Created	Table Reference	Notes
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BRIDGE INSPECTION REPORT

Ver Date: 1/3/2013

Agency: AUBURN

Printed on: 2/7/2013

Program Mgr: Grant D. Griffin

WO CC WE PD
BAM

Status: Released

Bridge No. AUBURN12

Page 1 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn C St SR 18 interchange

Photographs

Photo Type: G - General

Orientation: DN

Dates:

Repairs:

Interchange map showing where the various bridges are.



Bearing 1D

Photographs

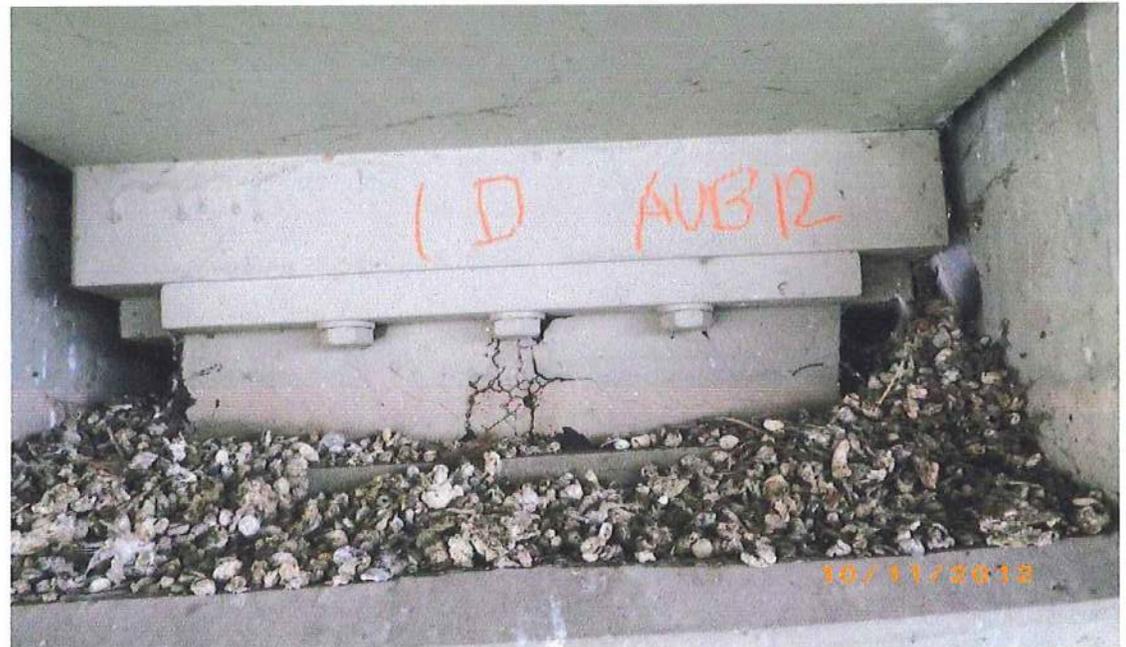
Photo Type: G - General

Orientation: W

Dates:

Repairs: 10000, 10003

Bearing 1D with surrounding area buried in pigeon guano.



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

Ver Date: 1/3/2013

Printed on: 2/7/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 2 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

DECK lkg W 2012

Photographs

Photo Type: D - Deck

Orientation: W

Dates: 10/8/2012

Repairs:

Deck looking West 2012



EJ Header @ P2

Photographs

Photo Type: G - General

Orientation: DN

Dates:

Repairs:

Cracked header at Pier 2 expansion joint at North end



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date: 1/3/2013

Printed on: 2/7/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 3 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

EJ@P1

Photographs

Photo Type: G - General

Orientation: N

Dates:

Repairs:

Expansion joint at Pier 1 looking North



EJ@P2

Photographs

Photo Type: G - General

Orientation: N

Dates:

Repairs:

Expansion joint at Pier 2 looking North



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date: 1/3/2013

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Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 4 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

EL Ikg N 2010

Photographs

Photo Type: E - Elevation

Orientation: N

Dates: 10/20/2010

Repairs:

Elevation looking North 2010



EL Ikg N 2012

Photographs

Photo Type: E - Elevation

Orientation: N

Dates: 10/8/2012

Repairs:

Elevation looking North 2012



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM Status: **Released**

Ver Date: 1/3/2013

Agency: AUBURN

Printed on: 2/7/2013

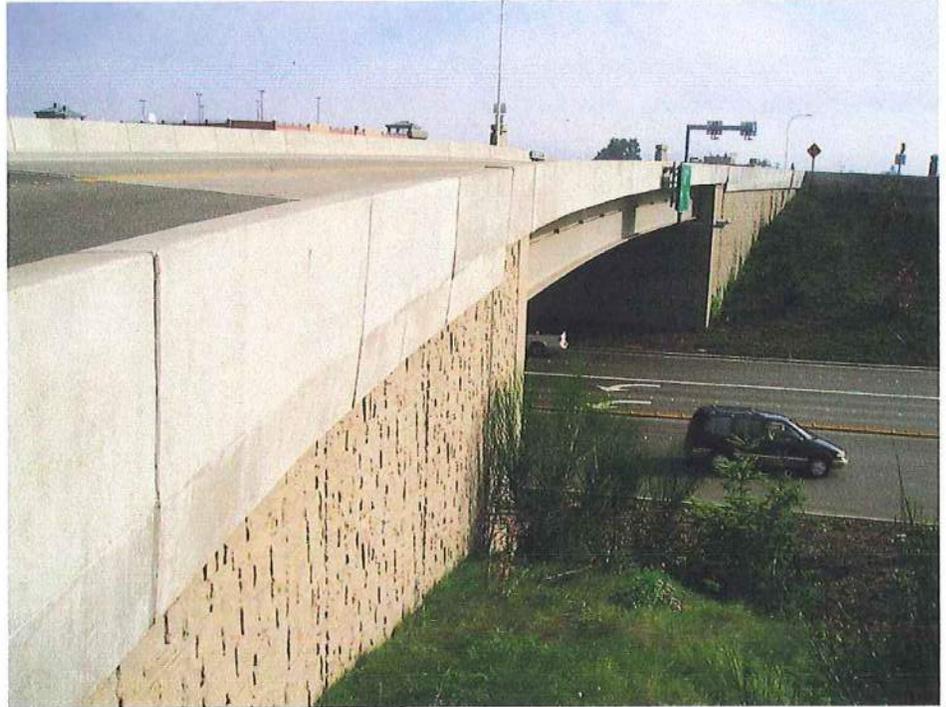
Program Mgr: Grant D. Griffin

Bridge No. AUBURN12
Bridge Name 3rd St SW/SB Off Ramp
Structure ID 08719300

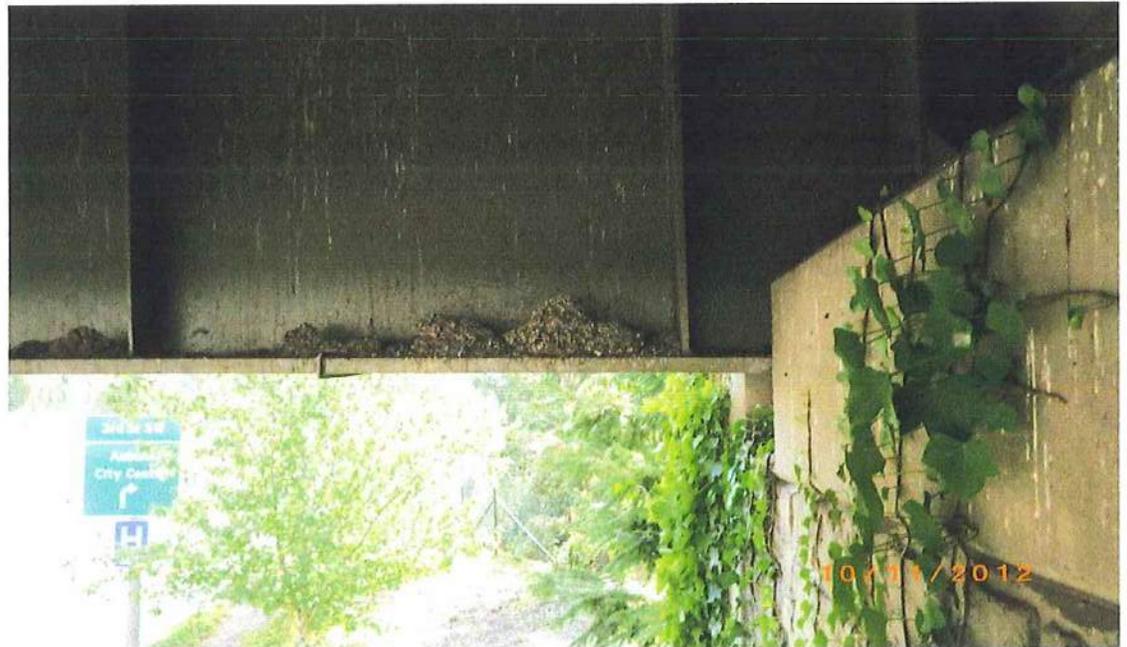
Page 5 of 10
Route 01080
MilePost 1.01

Structure Type
Intersecting C ST SW
Location 0.3 West of Hwy 18

EL South face
Photographs
Photo Type: E - Elevation
Orientation: E
Dates:
Repairs:
Side view of south face looking east.



Girder 1E @ P1
Photographs
Photo Type: G - General
Orientation: S
Dates:
Repairs: 10000, 10003
Guano accumulation on bottom flanges.



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM Status: Released

Ver Date: 1/3/2013
Printed on: 2/7/2013

Agency: AUBURN
Program Mgr: Grant D. Griffin

Bridge No. AUBURN12
Bridge Name 3rd St SW/SB Off Ramp
Structure ID 08719300

Page 6 of 10
Route 01080
MilePost 1.01

Structure Type
Intersecting C ST SW
Location 0.3 West of Hwy 18

Rail Top @ NW

Photographs
Photo Type: G - General
Orientation: E
Dates: 10/20/2010
Repairs:
Vertical and horizontal offsets in rail top at NW corner. MONITOR for settling



Rail top @ SE 2006

Photographs
Photo Type: M - Monitor
Orientation: DN
Dates: 10/17/2006
Repairs: 10001
Vertical and horizontal offsets in rail top. MONITOR for settling



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date: 1/3/2013

Printed on: 2/7/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 7 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Rail top @ SE 2012 horizontal

Photographs

Photo Type: M - Monitor

Orientation: W

Dates:

Repairs:

Vertical and horizontal offsets in rail top at Southeast corner. MONITOR for settling



Rail top @ SE 2012 vertical

Photographs

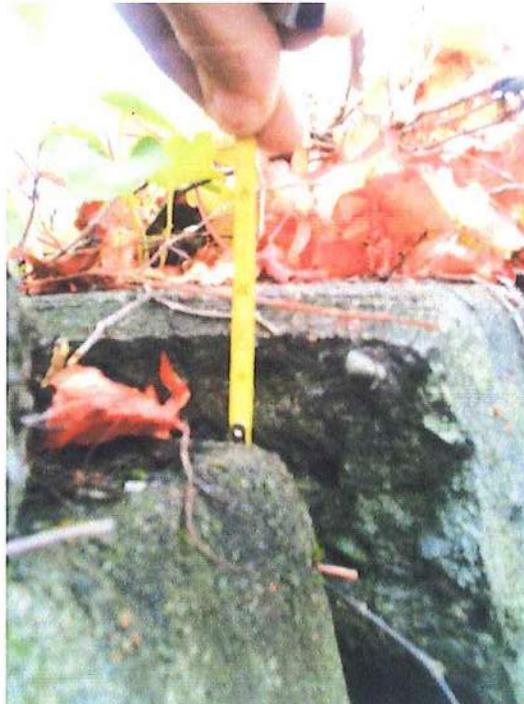
Photo Type: M - Monitor

Orientation: W

Dates:

Repairs:

Vertical and horizontal offsets in rail top at Southeast corner. MONITOR for settling



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

Ver Date: 1/3/2013

Printed on: 2/7/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 8 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Soffit 2004

Photographs

Photo Type: G - General

Orientation: UP

Dates: 10/5/2004

Repairs: 10002

Transverse cracks throughout soffit



Soffit 2012

Photographs

Photo Type: G - General

Orientation: UP

Dates:

Repairs: 10002

Transverse cracks throughout soffit



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

Ver Date: 1/3/2013

Printed on: 2/7/2013

Agency: AUBURN

Program Mgr: Grant D. Griffin

Bridge No. AUBURN12

Page 9 of 10

Structure Type

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

UNDERCROSSING of 7 lanes

Photographs

Photo Type: G - General

Orientation: S

Dates:

Repairs:

Four Northbound lanes and three Southbound lanes cross under the bridge.



BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM Status: Released

Ver Date: 1/3/2013
 Printed on: 2/7/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN12
Bridge Name 3rd St SW/SB Off Ramp
Structure ID 08719300

Page 10 of 10
Route 01080
MilePost 1.01

Structure Type
Intersecting C ST SW
Location 0.3 West of Hwy 18

Entry Name	Folder Name	Type	Repairs	Pag
Auburn C St SR 1	Photographs	G		
Bearing 1D	Photographs	G	10000, 10003	
DECK lkg W 2012	Photographs	D		
EJ Header @ P2	Photographs	G		
EJ@P1	Photographs	G		
EJ@P2	Photographs	G		
EL lkg N 2010	Photographs	E		
EL lkg N 2012	Photographs	E		
EL South face	Photographs	E		
Girder 1E @ P1	Photographs	G	10000, 10003	
Rail Top @ NW	Photographs	G		
Rail top @ SE 200	Photographs	M	10001	
Rail top @ SE 201	Photographs	M		
Rail top @ SE 201	Photographs	M		
Soffit 2004	Photographs	G	10002	
Soffit 2012	Photographs	G	10002	
UNDERCROSSIN	Photographs	G		

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page: 1/3

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

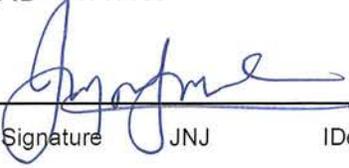
Route 01080

Location 0.3 West of Hwy 18

Structure ID 08719300

MilePost 1.01

Intersecting C ST SW

Inspector's Signature  JNJ

IDent# B1180

Co-Inspector's Signature  TT

										Inspections Performed				
										IT	NT	HRS	Date	Rep Type
7	<input type="checkbox"/>	Structural Adqcy (657)	N	<input type="checkbox"/>	Pier/Abut/Protect (679)	2002	Year Built	(332)						
6	<input type="checkbox"/>	Deck Geometry (658)	N	<input type="checkbox"/>	Scour (680)	0	Year Rebuilt	(336)	Y	24	1.0	10/24/2014	Routine	
8	<input type="checkbox"/>	Underclearance (659)	5	<input type="checkbox"/>	Retaining Walls (682)	99	Oper Rating	(551)					Fract Crit	
5	<input type="checkbox"/>	Operating Level (660)	9	<input type="checkbox"/>	Pier Protection (683)	99	Inv Rating	(554)					Underwater	
8	<input type="checkbox"/>	Alignment Adqcy (661)	1	<input type="checkbox"/>	Bridge Rails (684)	A	Open Close	(293)					Special	
9	<input type="checkbox"/>	WaterwayAdqcy (662)	1	<input type="checkbox"/>	Transition (685)	9999	Vert Over Deck	(360)					Interim	
5	<input type="checkbox"/>	Deck Overall (663)	1	<input type="checkbox"/>	Guardrails (686)	1801	Vert Under	(374)					Equipment	
9	<input type="checkbox"/>	Drains Condition (664)	1	<input type="checkbox"/>	Terminals (687)	H	Vert Und Code	(378)					Damage	
7	<input type="checkbox"/>	Superstructure (671)	N	<input type="checkbox"/>	Revise Rating (688)	0.00	Asphalt Depth						Safety	
0	<input type="checkbox"/>	Number Utilities (675)		<input type="checkbox"/>	Photos Flag (691)	25	Speed Limit						Short Span	
7	<input type="checkbox"/>	Substructure (676)		<input type="checkbox"/>	Soundings Flag (693)									
9	<input type="checkbox"/>	Chan/Protection (677)		<input type="checkbox"/>	Measure Clearance (694)									
9	<input type="checkbox"/>	Culvert (678)												
										Total: 1.0				
										Suff Rating: 98.24		98.17		

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	6204	SF	2204	2000	2000	0
92	Steel Welded Girder	705	LF	705	0	0	0
215	Concrete Abutment	88	LF	88	0	0	0
311	Moveable Bearing (roller, sliding, etc)	10	EA	10	0	0	0
331	Concrete Bridge Railing	282	LF	282	0	0	0
358	Deck Cracking	1	EA	0	0	1	0
404	Compression Seal / Concrete Header	88	LF	88	0	0	0
904	Organic Zinc/Urethane Paint System	10000	SF	10000	0	0	0

Notes

0	<p>ORIENTATION This bridge is west of Auburn 13, and south of State bridge of similar design. The bridge runs west to east over C Street. The structure is an on-off ramp between 3rd Street and C Street.</p>
26	<p>DECK, CONCRETE SURFACE: Widespread transverse and longitudinal cracks. Many mud ball voids scattered throughout. SOFFIT: Numerous thick white leaching transverse cracks spaced 2' -3'. Some longitudinal cracks.</p>

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12	Page: 2/3	Structure Type SG
Bridge Name 3rd St SW/SB Off Ramp	Route 01080	Location 0.3 West of Hwy 18
Structure ID 08719300	MilePost 1.01	Intersecting C ST SW

92	GIRDERS, WELDED STEEL Five lines of curved steel girders. Pigeon activity on all steel girders with guano is piled in excess of 12" deep. Area beneath both abutments littered with guano. Ivy obscures SE 15' of beam E.																		
215	ABUTMENT, CONCRETE Ornamental finish. Vertical and diagonal cracks every 4' on the abutment. Vertical crack in east abutment wall between this bridge and State bridge. Ivy growth on west and east abutment - See work order. Shallow spalls in NW abutment wall at restrainer interface. Map cracking throughout surface of restrainer towers.																		
311	BEARINGS, ELASTOMERIC Bearings appear to be performing as designed. Bearings hardly visible under piles of pigeon guano.																		
331	RAILING, CONCRETE Vertical cracks throughout. The east corner of the south approach rail shows signs of movement and has spalling on the outside face of the railing. See notes under retaining wall.																		
358	DECK CRACKING - SEE NOTE 26																		
404	EXPANSION JOINTS, COMPRESSION SEALS Cracks throughout both concrete headers. Heavy cracking and spalls in east header at the north end near the rail. East header is 1/2" higher than bridge deck.																		
681	APPROACH ROADWAY Minor settlement in both approaches.																		
682	RETAINING WALLS The retaining wall at the NW, SW and SE corners of the bridge shows signs of settlement and rotation at the joint with the curtain wall. The settlement is reflected on the concrete barrier rail. Notable spalling on the SE approach rail. Ivy obscures SE and SW retaining walls. MONITOR: Settlement and rotation of barrier at SE approach joint between the curtain wall and retaining wall: <table border="1" style="margin-left: 40px; border-collapse: collapse; width: 60%;"> <thead> <tr> <th style="text-align: left;">Date</th> <th style="text-align: center;">Horizontal</th> <th style="text-align: center;">Vertical</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td style="text-align: center;">2"</td> <td style="text-align: center;">1 -1/2"</td> </tr> <tr> <td>2012</td> <td style="text-align: center;">2"</td> <td style="text-align: center;">2"</td> </tr> <tr> <td>2010</td> <td style="text-align: center;">1-3/4"</td> <td style="text-align: center;">2"</td> </tr> <tr> <td>2006</td> <td style="text-align: center;">1-1/4"</td> <td style="text-align: center;">1-1/4"</td> </tr> <tr> <td>2004</td> <td style="text-align: center;">1-1/8"</td> <td></td> </tr> </tbody> </table>	Date	Horizontal	Vertical	2014	2"	1 -1/2"	2012	2"	2"	2010	1-3/4"	2"	2006	1-1/4"	1-1/4"	2004	1-1/8"	
Date	Horizontal	Vertical																	
2014	2"	1 -1/2"																	
2012	2"	2"																	
2010	1-3/4"	2"																	
2006	1-1/4"	1-1/4"																	
2004	1-1/8"																		
688	ADT and Load Rating Revised - 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.																		
695	MONITOR SE retaining wall settlement and rotation, See note 682																		
904	PAINT Heavy accumulation of pigeon guano on bottom flanges and diaphragms.																		

Repairs

Repair No	Pr	R	Repair Description	Noted	Maint	Verified
10000	2	B		10/24/12		
10003	2	B		10/24/12		
10004	2	B		12/11/14		
10002	3	B		10/24/12		

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page: 3/3

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Location 0.3 West of Hwy 18

Structure ID 08719300

MilePost 1.01

Intersecting C ST SW

10001 M M

10/24/12

Inspections Performed and Resources Required

<u>Report Type</u>	<u>Date</u>	<u>IT</u>	<u>Frg</u>	<u>Hrs</u>	<u>Insp</u>	<u>CertNo</u>	<u>Coinsp</u>	<u>Note</u>
Routine	10/24/14		24	1.0	JNJ	B1180	TT	
Resources			Use Hour	Min	Req	Max		Notes

BRIDGE INSPECTION REPORT

	WO	CC	WE	PD
BAM				

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page 1 of 8

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 Concrete Traffic Barrier Crack on Top of East

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 Crack @East Joint Header

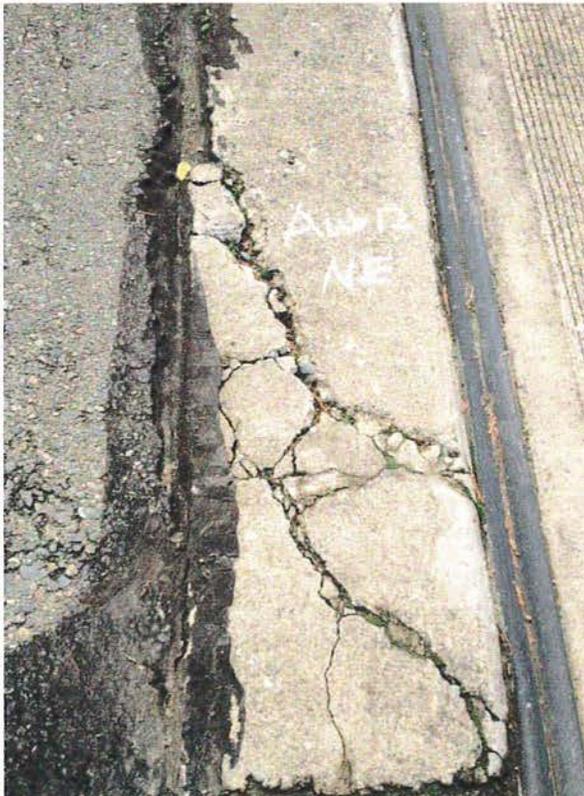
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page 2 of 8

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 Deck Overall_Looking West

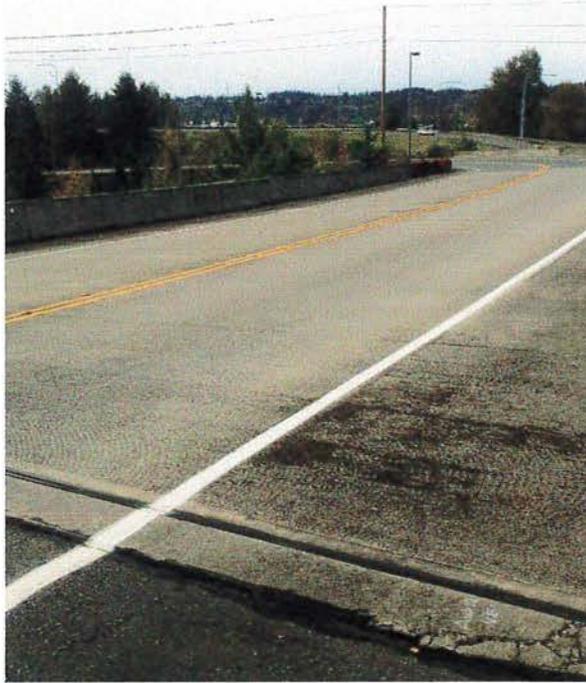
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 East Joint

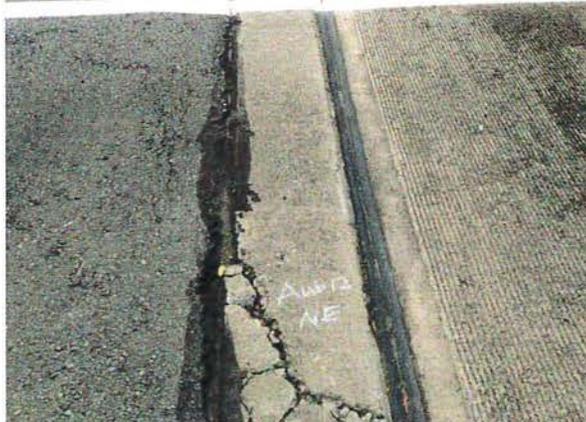
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page 3 of 8

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 Elevation_Looking So

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 Map Cracks on Deck

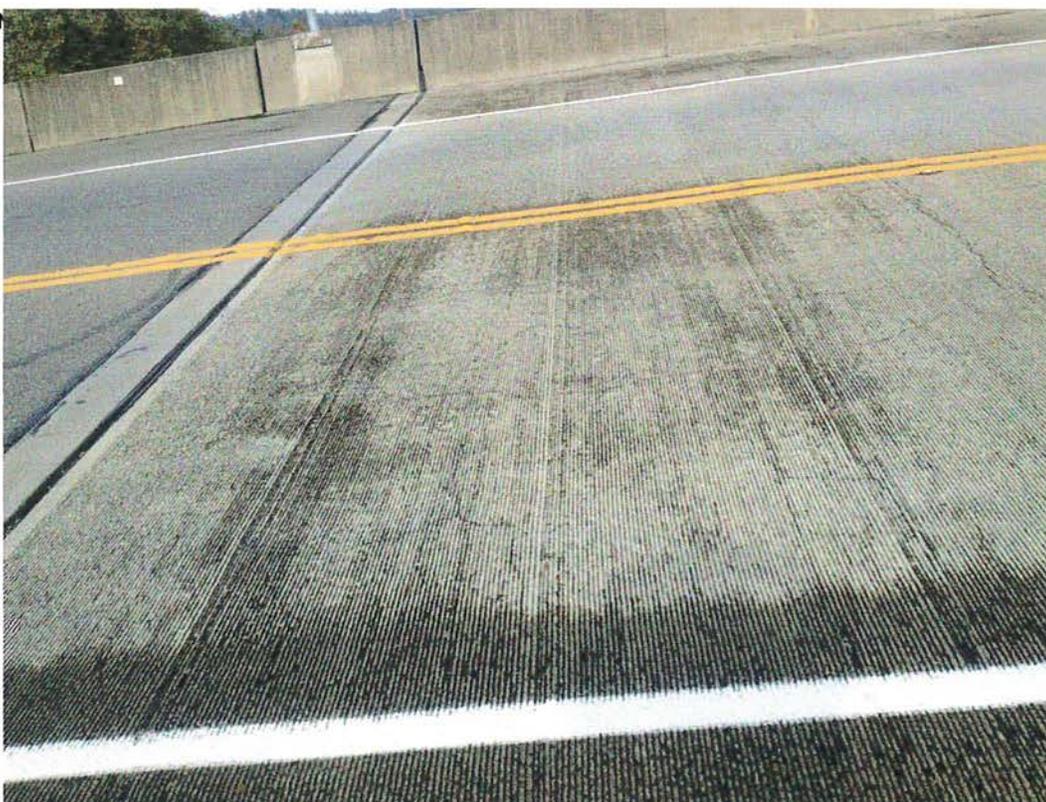
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

	WO	CC	WE	PD
BAM				

Status: **Released**

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Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

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Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 Sign of Settlement at East Approach @SE Co

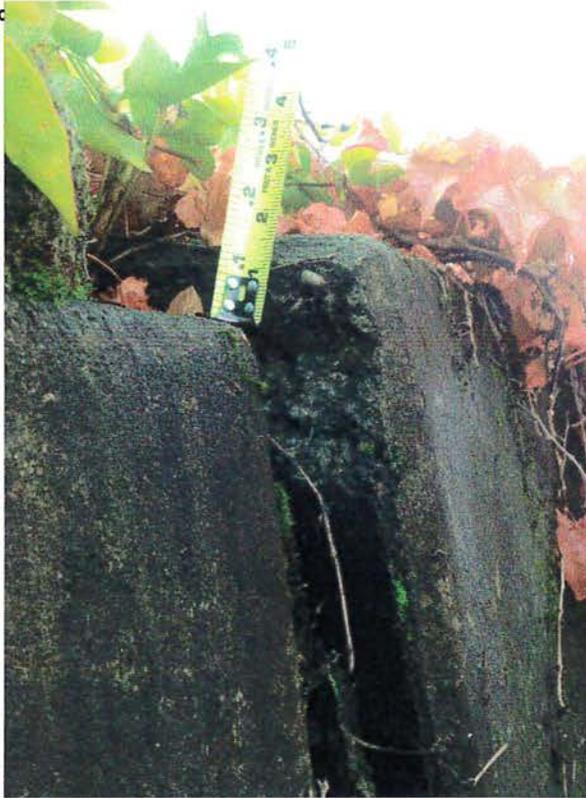
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Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 Traffic Barrier Rotation@SE Corner

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

	WO	CC	WE	PD
BAM				

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page 5 of 8

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 Transverse Cracking

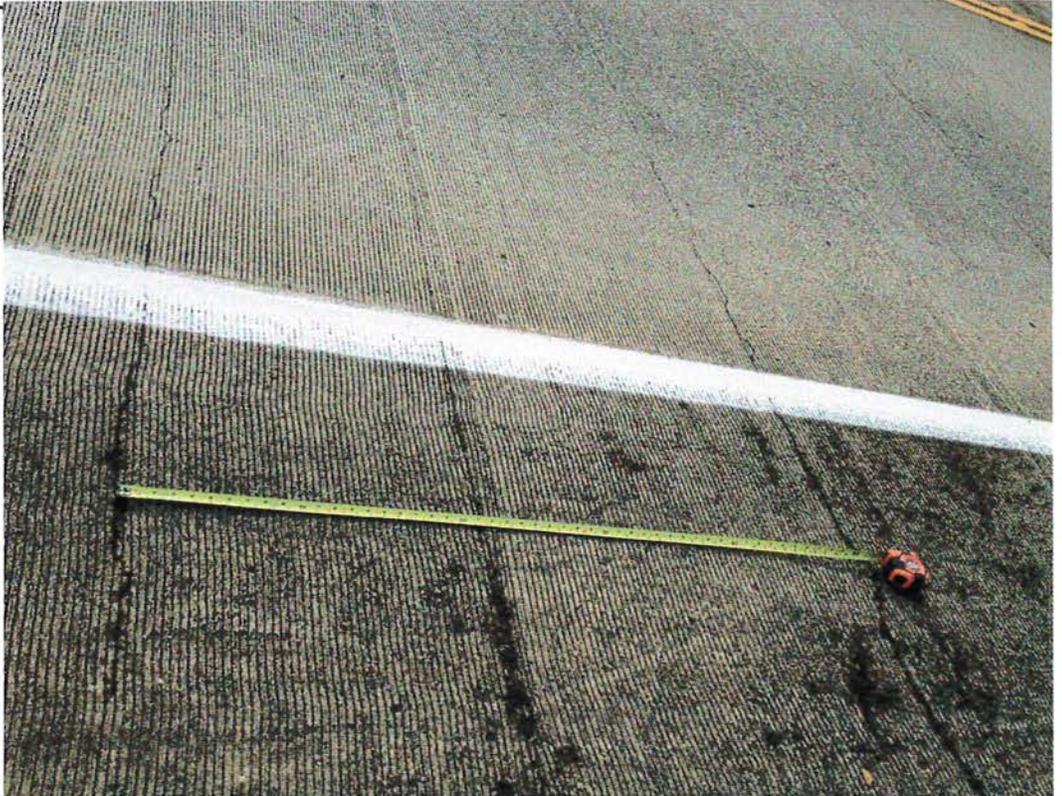
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 Transverse Cracks on

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

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Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 West Approach

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 West Joint

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

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Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Auburn 12 10242014 West Joint @NW Cor

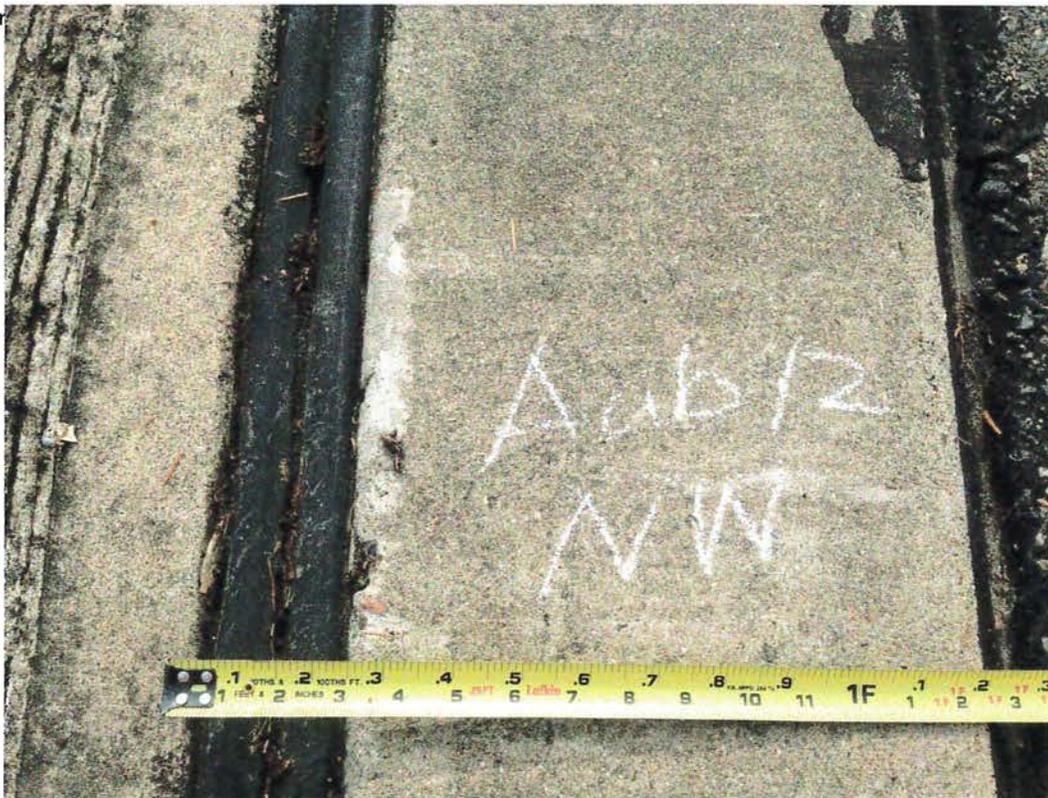
Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 12 10242014 White Leaching on Soffit Throughout

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN12

Page 8 of 8

Structure Type SG

Bridge Name 3rd St SW/SB Off Ramp

Route 01080

Intersecting C ST SW

Structure ID 08719300

MilePost 1.01

Location 0.3 West of Hwy 18

Entry Name	Folder Name	Type	Repairs	Page
Auburn 12 102420	Photographs			1
Auburn 12 102420	Photographs			1
Auburn 12 102420	Photographs			2
Auburn 12 102420	Photographs			2
Auburn 12 102420	Photographs			3
Auburn 12 102420	Photographs			3
Auburn 12 102420	Photographs			4
Auburn 12 102420	Photographs			4
Auburn 12 102420	Photographs			5
Auburn 12 102420	Photographs			5
Auburn 12 102420	Photographs			6
Auburn 12 102420	Photographs			6
Auburn 12 102420	Photographs			7
Auburn 12 102420	Photographs			7

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Printed On: 1/12/2017

Agency: AUBURN

CD Guid: a8caef2-5a8b-4977-8979-3bc65fec5aac

CD Date: 12/20/2016

Program Mgr: Roman G. Peralta

Br. No. AUBURN12 SID 08719300

Br. Name 3rd St SW/SB Off Ramp

Carrying 3RD ST SW

Route On 01080

Mile Post 1.01

Intersecting C ST SW

Route Under

Mile Post

Ben Beerk

Zhenmei Zhou

Inspector's Signature BLR Cert # G1332 Cert Exp Date 5/12/2021

Co-Inspector's Signature ZZ

7	<input type="checkbox"/>	Structural Eval (1657)	99	<input type="checkbox"/>	Operating Tons (1552)	0	<input type="checkbox"/>	No Utilities (2675)	Inspections Performed: <table border="1"> <thead> <tr> <th>Freq</th> <th>Hrs</th> <th>Date</th> <th>Rep Type</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1.0</td> <td>10/18/2016</td> <td>Routine</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Fract Crit</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UW</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Special</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Interim</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UWI</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Damage</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Safety</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Short Span</td> </tr> <tr> <td></td> <td></td> <td></td> <td>In Depth</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Geometric</td> </tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/18/2016	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				Safety				Short Span				In Depth				Geometric
Freq	Hrs	Date	Rep Type																																																						
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6	<input type="checkbox"/>	Deck Geometry (1658)		<input type="checkbox"/>	4.94 Op RF (1553)	1	<input type="checkbox"/>	Bridge Rails (1684)																																																	
8	<input type="checkbox"/>	Underclearance (1659)	99	<input type="checkbox"/>	Inventory Tons (1555)	1	<input type="checkbox"/>	Transition (1685)																																																	
8	<input type="checkbox"/>	Alignment (1661)		<input type="checkbox"/>	2.96 Inv RF (1556)	1	<input type="checkbox"/>	Guardrails (1686)																																																	
5	<input type="checkbox"/>	Deck Overall (1663)	5	<input type="checkbox"/>	Operating Level (1660)	1	<input type="checkbox"/>	Terminals (1687)																																																	
7	<input type="checkbox"/>	Superstructure (1671)	A	<input type="checkbox"/>	Open/Closed (1293)	0.00	<input type="checkbox"/>	Asphalt Depth (2610)																																																	
7	<input type="checkbox"/>	Substructure (1676)	9	<input type="checkbox"/>	Waterway (1662)		<input type="checkbox"/>	Des Curb Ht (2611)																																																	
9	<input type="checkbox"/>	Culvert (1678)	N	<input type="checkbox"/>	Scour (1680)		<input type="checkbox"/>	Bridge Rail Ht (2612)																																																	
9	<input type="checkbox"/>	Chan/Protection (1677)		<input type="checkbox"/>	Soundings Flag (2693)	2002	<input type="checkbox"/>	Year Built (1332)																																																	
N	<input type="checkbox"/>	Pier/Abut/Prot (1679)	N	<input type="checkbox"/>	Revise Rating (2688)	0	<input type="checkbox"/>	Year Rebuilt (1336)																																																	
9	<input type="checkbox"/>	Drain Cond (7664)		<input type="checkbox"/>	Photos Flag (2691)		<input type="checkbox"/>	Y Subj to NBIS (2614)																																																	
0	<input type="checkbox"/>	Drain Status (7665)		<input type="checkbox"/>	Measure Clrnc (2694)																																																				
N	<input type="checkbox"/>	Deck Scaling (7666)	9	<input type="checkbox"/>	Sdwk Cond (7673)																																																				
0	<input type="checkbox"/>	Scaling Pct (7667)	7	<input type="checkbox"/>	Paint Cond (7674)																																																				
7	<input type="checkbox"/>	Deck Rutting (7669)	6	<input type="checkbox"/>	Approach Cond (7681)																																																				
7	<input type="checkbox"/>	Exposed Rebar (7670)	5	<input type="checkbox"/>	Retaining Wall (7682)																																																				
9	<input type="checkbox"/>	Curb Cond (7672)	9	<input type="checkbox"/>	Pier Prot (7683)																																																				

Alpha Span Type:

SG

Sufficiency Rating 98.17

Low Risk

BMS Elements							
Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	6,204	SF	2,204	2,000	2,000	0
92	Steel Welded Girder	705	LF	705	0	0	0
215	Concrete Abutment	88	LF	88	0	0	0
311	Moveable Bearing (roller, sliding, etc)	10	EA	10	0	0	0
331	Concrete Bridge Railing	282	LF	282	0	0	0
404	Compression Seal / Concrete Header	88	LF	88	0	0	0
904	Organic Zinc/Urethane Paint System	10,000	SF	10,000	0	0	0

Notes

- 0 ORIENTATION This bridge is west of Auburn 13, and south of State bridge of similar design. The bridge runs west to east over C Street. The structure is an on-off ramp between 3rd Street and "C" Street.
- 26 DECK, CONCRETE SURFACE: Widespread transverse and longitudinal cracks, some transverse cracks are larger than hairline. Many mud ball voids scattered throughout. SOFFIT: Numerous thick white leaching transverse cracks spaced 2' -3'. Some longitudinal cracks.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Printed On: 1/12/2017

Agency: AUBURN

CD Guid: a8caeef2-5a8b-4977-8979-3bc65fec5aac

CD Date: 12/20/2016

Program Mgr: Roman G. Peralta

Br. No. AUBURN12 **SID** 08719300
Carrying 3RD ST SW
Intersecting C ST SW

Br. Name 3rd St SW/SB Off Ramp
Route On 01080 **Mile Post** 1.01
Route Under **Mile Post**

Notes (Continued)	
92	GIRDERS, WELDED STEEL Five lines of curved steel girders. Pigeon activity on all steel girders with guano is piled in excess of 12" deep. Area beneath both abutments littered with guano. Ivy obscures SE 15' of beam E.
215	ABUTMENT, CONCRETE Integrated abutments with ornamental finish. Vertical and diagonal cracks every 4' on the abutment. Vertical crack in east abutment wall between this bridge and State bridge. Ivy growth on west and east abutment - See work order. Shallow spalls from traffic impact in NW abutment wall at restrainer interface. Map cracking throughout surface of restrainer towers. Cracks and spalls on top face of abutment backwalls that are part of the roadway surface above (acting as headers). Heavily cracked with spalls, east header at the north end near the rail. East header is 1/2" higher than bridge deck.
311	BEARINGS, ELASTOMERIC Bearings appear to be performing as designed. Bearings hardly visible under piles of pigeon guano.
331	RAILING, CONCRETE Vertical cracks throughout.. The east corner of the south approach rail shows signs of movement and has spalling on the outside face of the railing. See notes under retaining wall.
404	EXPANSION JOINTS, COMPRESSION SEALS No Defects, see field 215 for header notes.
904	PAINT Heavy accumulation of pigeon guano on bottom flanges and diaphragms.
7681	APPROACH ROADWAY Minor settlement in both approaches.
7682	RETAINING WALLS The retaining wall at the NW, SW and SE corners of the bridge shows signs of settlement and rotation at the joint with the curtain wall. The settlement is reflected on the concrete barrier rail. Notable spalling on the SE approach rail. Ivy obscures SE and SW retaining walls. MONITOR: Settlement and rotation of barrier at SE approach joint between the curtain wall and retaining wall: Date Horizontal Vertical 2016 2" 2" 2014 2" 1-1/2" 2012 2" 2" 2010 1-3/4" 2" 2006 1-1/4" 1-1/4" 2004 1-1/8"

Repairs						
Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
10000	2	B	BRIDGE WASHING: Steel girders and bearings are covered in deep piles of pigeon guano. Thoroughly flush flanges, diaphragms, and bearings. Spot paint where necessary after paint system is visible.	10/24/2012		
10001	M	M	MONITOR: Settlement at approachs. Monitoring point set at SE approach rail	10/24/2012		
10002	3	B	DECK OVERLAY: Deck is cracked throughout with thick white leaching cracks in soffit. Migration of water through deck will start rusting the top flanges of the steel girders. Install two-coat epoxy/aggregate overlay to seal deck and protect steel.	10/24/2012		
10003	2	B	BIRDS: Heavy accumulation of pigeon guano on steel flanges, cross bracing, and bearings. Terminate birds.	10/24/2012		
10004	2	B	JOINT: Concrete headers are cracked. Repair	12/11/2014		

Inspections Performed and Resources Required							
Report Type	Date	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/18/2016	24	1.0	BLR	G1332	ZZ	

BRIDGE INSPECTION REPORT

Status: Released
 CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Printed On: 3/1/2019
 Release Date: 2/20/2019

Agency: AUBURN
 Program Mgr: Roman G. Peralta

Br. No. AUBURN12 **SID** 08719300 **Br. Name** 3rd St SW/SB Off Ramp
Carrying 3RD ST SW **Route On** 01080 **Mile Post** 1.01
Intersecting C ST SW **Route Under** **Mile Post**

[Handwritten Signature]
 Inspector's Signature MAG

Cert # G1103 Cert Exp Date 5/12/2021

[Handwritten Signature]
 Co-Inspector's Signature HP

7	<input type="checkbox"/>	Structural Eval (1657)	99	<input type="checkbox"/>	Operating Tons (1552)	0	<input type="checkbox"/>	No Utilities (2675)	Inspections Performed: <table border="1"> <thead> <tr> <th>Freq</th><th>Hrs</th><th>Date</th><th>Rep Type</th></tr> </thead> <tbody> <tr> <td>24</td><td>1.0</td><td>10/11/2018</td><td>Routine</td></tr> <tr><td></td><td></td><td></td><td>Fract Crit</td></tr> <tr><td></td><td></td><td></td><td>UW</td></tr> <tr><td></td><td></td><td></td><td>Special</td></tr> <tr><td></td><td></td><td></td><td>Interim</td></tr> <tr><td></td><td></td><td></td><td>UWI</td></tr> <tr><td></td><td></td><td></td><td>Damage</td></tr> <tr><td></td><td></td><td></td><td>PRM Safety</td></tr> <tr><td></td><td></td><td></td><td>SEC Safety</td></tr> <tr><td></td><td></td><td></td><td>Condition</td></tr> <tr><td></td><td></td><td></td><td>Short Span</td></tr> <tr><td></td><td></td><td></td><td>In Depth</td></tr> <tr><td></td><td></td><td></td><td>Geometric</td></tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/11/2018	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				PRM Safety				SEC Safety				Condition				Short Span				In Depth				Geometric
Freq	Hrs	Date	Rep Type																																																														
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			In Depth																																																														
			Geometric																																																														
6	<input type="checkbox"/>	8 Deck Geometry (1658)	4.94	<input type="checkbox"/>	Op RF (1553)	1	<input type="checkbox"/>	Bridge Rails (1684)																																																									
8	<input type="checkbox"/>	Underclearance (1659)	99	<input type="checkbox"/>	Inventory Tons (1555)	1	<input type="checkbox"/>	Transition (1685)																																																									
8	<input type="checkbox"/>	Alignment (1661)	2.96	<input type="checkbox"/>	Inv RF (1556)	1	<input type="checkbox"/>	Guardrails (1686)																																																									
5	<input type="checkbox"/>	Deck Overall (1663)	5	<input type="checkbox"/>	Operating Level (1660)	1	<input type="checkbox"/>	Terminals (1687)																																																									
7	<input type="checkbox"/>	Superstructure (1671)	A	<input type="checkbox"/>	Open/Closed (1293)	0.00	<input type="checkbox"/>	Asphalt Depth (2610)																																																									
7	<input type="checkbox"/>	Substructure (1676)	9	<input type="checkbox"/>	Waterway (1662)		<input type="checkbox"/>	Design Curb Ht (2611)																																																									
9	<input type="checkbox"/>	Culvert (1678)	N	<input type="checkbox"/>	Scour (1680)		<input type="checkbox"/>	32.0 Bridge Rail Ht (2612)																																																									
9	<input type="checkbox"/>	Chan/Protection (1677)		<input type="checkbox"/>	Soundings Flag (2693)	2002	<input type="checkbox"/>	Year Built (1332)																																																									
N	<input type="checkbox"/>	Pier/Abut/Prot (1679)	N	<input type="checkbox"/>	Revise Rating (2688)	0	<input type="checkbox"/>	Year Rebuilt (1336)																																																									
9	<input type="checkbox"/>	Drain Cond (7664)		<input type="checkbox"/>	Photos Flag (2691)	Y	<input type="checkbox"/>	Subj to NBIS (2614)																																																									
0	<input type="checkbox"/>	Drain Status (7665)		<input type="checkbox"/>	Measure Cirnc (2694)	Alpha Span Type: <input type="text" value="SG"/>																																																											
N	<input type="checkbox"/>	Deck Scaling (7666)	9	<input type="checkbox"/>	Sdwk Cond (7673)	Sufficiency Rating 98.10																																																											
0	<input type="checkbox"/>	Scaling Pct (7667)	7	<input type="checkbox"/>	Paint Cond (7674)	Low Risk																																																											
7	<input type="checkbox"/>	Deck Rutting (7669)	6	<input type="checkbox"/>	Approach Cond (7681)																																																												
7	<input type="checkbox"/>	Exposed Rebar (7670)	5	<input type="checkbox"/>	Retaining Wall (7682)																																																												
9	<input type="checkbox"/>	Curb Cond (7672)	9	<input type="checkbox"/>	Pier Prot (7683)																																																												

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	6,204	SF	6,004	0	200	0
35	Concrete Deck Soffit	6,204	SF	6,204	0	0	0
92	Steel Welded Girder	690	LF	690	0	0	0
215	Concrete Abutment	99	LF	99	0	0	0
310	Elastomeric Bearing	10	EA	10	0	0	0
331	Concrete Bridge Railing	282	LF	282	0	0	0
404	Compression Seal / Concrete Header	88	LF	85	3	0	0
904	Organic Zinc/Urethane Paint System	10,000	SF	10,000	0	0	0

Notes

0 ORIENTATION:
 The bridge is west to east over C Street. Abutment 1 is west.
 The structure is an on-off ramp between 3rd Street and "C" Street.
 This bridge is west of Auburn 13, and south of State bridge of similar design.

BRIDGE INSPECTION REPORT

Status: Released
 CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Printed On: 3/1/2019
 Release Date: 2/20/2019

Agency: AUBURN
 Program Mgr: Roman G. Peralta

Br. No. AUBURN12 **SID** 08719300 **Br. Name** 3rd St SW/SB Off Ramp
Carrying 3RD ST SW **Route On** 01080 **Mile Post** 1.01
Intersecting C ST SW **Route Under** **Mile Post**

Notes (Continued)

11	LOAD RATING: Controlling Point - Positive moment at midspan.																								
26	CONCRETE DECK: Surface: Widespread transverse and longitudinal cracks, some transverse cracks are larger than hairline. Many mud ball voids scattered throughout.																								
35	CONCRETE DECK SOFFIT: Numerous thick white leaching transverse cracks spaced 2' - 3'. Some longitudinal cracks.																								
92	WELDED STEEL GIRDERS: Five lines of curved steel girders. Pigeon activity on all steel girders with guano is piled in excess of 12 " deep. Area beneath both abutments is littered with guano. Ivy obscures SE 15' of beam E.																								
215	CONCRETE ABUTMENT: Integrated abutments with ornamental finish. Ivy growth on both abutments. Map cracking throughout surface of restrainer towers. Abutment 1: Shallow spalls from traffic impact in NW abutment wall at restrainer interface. Abutment 2: Vertical and diagonal cracks every 4' on the abutment wall.																								
310	ELASTOMERIC BEARINGS: Bearings performing as designed. Bearings partially buried under accumulated guano.																								
331	CONCRETE RAILING: Vertical cracks throughout. The east corner of the south approach rail shows signs of movement. Spalling is present on the outside face of the railing. See note 7682 for settlement measurements.																								
404	EXPANSION JOINTS, COMPRESSION SEALS: Cracks and spalls on top face of abutment backwalls exposed on of the roadway surface above (acting as headers). East header is heavily cracked with spalls at the north end near the rail. See repair. East header is 1/2" higher than bridge deck.																								
904	PAINT: Heavy accumulation of pigeon guano on bottom flanges and diaphragms.																								
1663	DECK CONDITION: Deck is coded as fair condition due to widespread cracking throughout the surface and soffit.																								
7681	APPROACH ROADWAY: Minor settlement in both approaches. Many sealed cracks at each approach.																								
7682	RETAINING WALLS: The retaining wall at the NW, SW and SE corners of the bridge shows signs of settlement and rotation at the joint with the curtain wall. The settlement is reflected on the concrete barrier rail. Notable spalling on the SE approach rail. Ivy obscures SE and SW retaining walls. MONITOR: Settlement and rotation of barrier at SE approach joint between the curtain wall and retaining wall:																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">Year</th> <th style="width: 10%;">Horizontal</th> <th style="width: 10%;">Vertical</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>2016</td> <td>2"</td> <td>2"</td> </tr> <tr> <td>2014</td> <td>2"</td> <td>1-1/2"</td> </tr> <tr> <td>2012</td> <td>2"</td> <td>2"</td> </tr> <tr> <td>2010</td> <td>1-3/4"</td> <td>2"</td> </tr> <tr> <td>2006</td> <td>1-1/4"</td> <td>1-1/4"</td> </tr> <tr> <td>2004</td> <td>1-1/8"</td> <td> </td> </tr> </tbody> </table>	Year	Horizontal	Vertical				2016	2"	2"	2014	2"	1-1/2"	2012	2"	2"	2010	1-3/4"	2"	2006	1-1/4"	1-1/4"	2004	1-1/8"	
Year	Horizontal	Vertical																							
2016	2"	2"																							
2014	2"	1-1/2"																							
2012	2"	2"																							
2010	1-3/4"	2"																							
2006	1-1/4"	1-1/4"																							
2004	1-1/8"																								

Repairs

BRIDGE INSPECTION REPORT

Status: Released
 CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Printed On: 3/1/2019
 Release Date: 2/20/2019

Agency: AUBURN
 Program Mgr: Roman G. Peralta

Br. No. AUBURN12 **SID** 08719300 **Br. Name** 3rd St SW/SB Off Ramp
Carrying 3RD ST SW **Route On** 01080 **Mile Post** 1.01
Intersecting C ST SW **Route Under** **Mile Post**

Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
10000	2	B	BRIDGE WASHING: (Revised 2018) Steel girders and bearings are covered in deep piles of pigeon guano. 1. Thoroughly flush flanges, diaphragms, and bearings. 2. Spot paint where necessary after paint system is visible. 3. Install bird deterrent spikes on horizontal surfaces.	10/24/2012		
10001	M	M	MONITOR: Settlement at approaches. Monitoring point set at SE approach rail	10/24/2012		
10002	3	B	DECK OVERLAY: Deck is cracked throughout with thick white leaching cracks in soffit. Install two-coat epoxy/aggregate overlay to seal deck and protect steel.	10/24/2012		
10004	2	B	JOINT: (Revised 2018) Concrete headers are cracked and spalled. Chip loose concrete, clean any exposed rebar and apply approved deck repair product.	12/11/2014		

Inspections Performed and Resources Required

Report Type	Date	Freq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/11/2018	24	1.0	MAG	G1103	HP	

BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN12
Carrying 3RD ST SW
Intersecting C ST SW

SID 08719300

Br. Name 3rd St SW/SB Off Ramp

Route On 01080

Mile Post 1.01

Route Under

Mile Post

PHOTO
AUBURN12_10_1
1_2018_MAG (2)
ABUT 2

{root}

Photo Type: G - General

Orientation: SE

Date: 10/11/2018

Repairs:

REMARKS: Abutment 2



PHOTO
AUBURN12_10_1
1_2018_MAG (5)
ELEVATION (S)

{root}

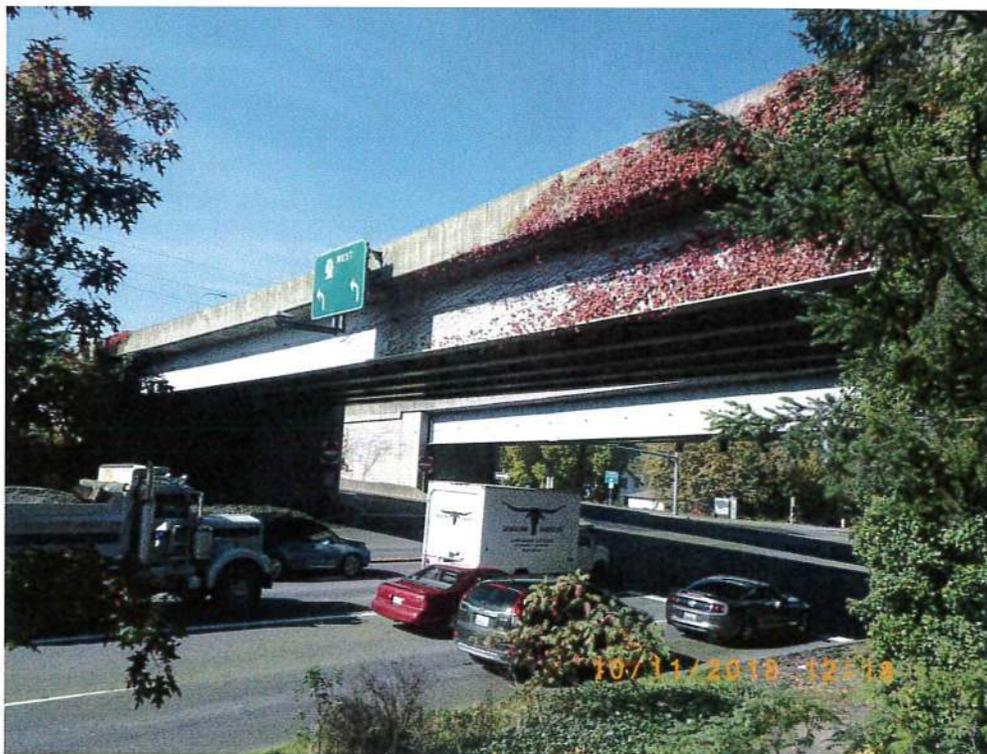
Photo Type: E - Elevation

Orientation: NW

Date: 10/11/2018

Repairs:

REMARKS: South elevation



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN12 SID 08719300

Br. Name 3rd St SW/SB Off Ramp

Carrying 3RD ST SW

Route On 01080

Mile Post 1.01

Intersecting C ST SW

Route Under

Mile Post

PHOTO
AUBURN12_10_1
1_2018_MAG (15)
CONC RAIL

{root}

Photo Type: G - General

Orientation: SW

Date: 10/11/2018

Repairs:

REMARKS: Vertical cracks in concrete railing

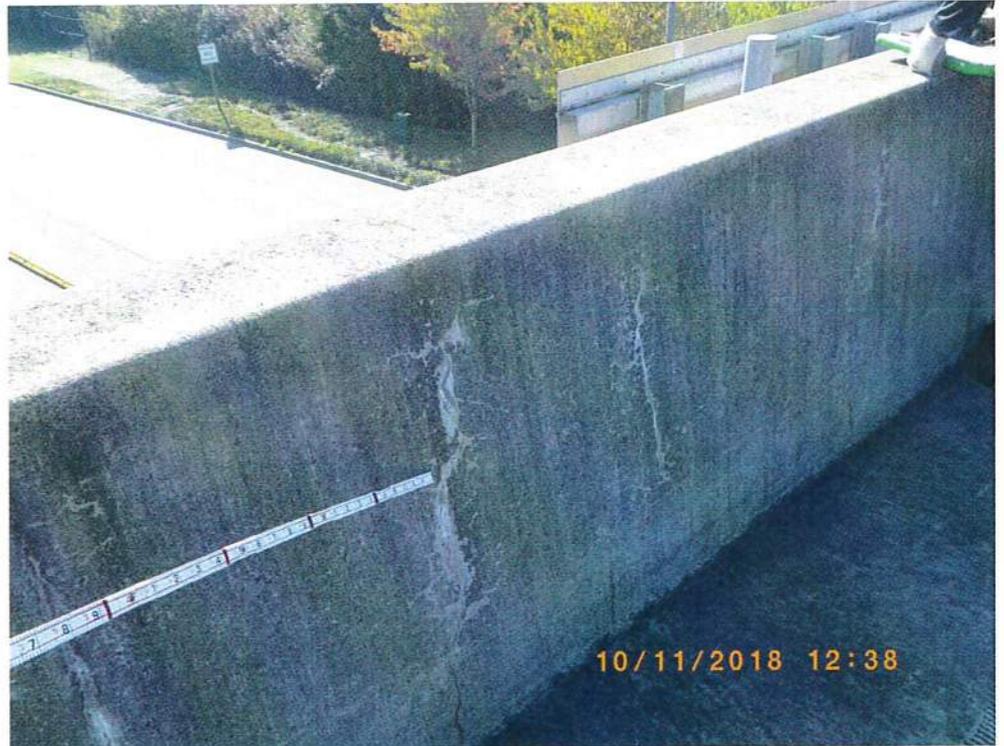


PHOTO
AUBURN12_10_1
1_2018_MAG (16)
HEADER (NE)

{root}

Photo Type: R - Repair

Orientation: DN

Date: 10/11/2018

Repairs: 10004

REMARKS: Cracked and spalled east header at north end near rail



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN12
Carrying 3RD ST SW
Intersecting C ST SW

SID 08719300

Br. Name 3rd St SW/SB Off Ramp

Route On 01080

Mile Post 1.01

Route Under

Mile Post

PHOTO
AUBURN12_10_1
1_2018_MAG (19)
DECK

{root}

Photo Type: D - Deck

Orientation: W

Date: 10/11/2018

Repairs:

REMARKS: Top of deck



PHOTO
AUBURN12_10-11
-2018_HP (9)
ABUT 1

{root}

Photo Type: G - General

Orientation: W

Date: 10/11/2018

Repairs:

REMARKS: Abutment 1



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN12 SID 08719300

Br. Name 3rd St SW/SB Off Ramp

Carrying 3RD ST SW

Route On 01080

Mile Post 1.01

Intersecting C ST SW

Route Under

Mile Post

PHOTO
AUBURN12_10-11
-2018_HP (10)
SOFFIT

{root}

Photo Type: G - General

Orientation: UP

Date: 10/11/2018

Repairs:

REMARKS: Transverse leaching cracks
in soffit



PHOTO
AUBURN12_10-11
-2018_HP (14)
APPROACH (W)

{root}

Photo Type: G - General

Orientation: NE

Date: 10/11/2018

Repairs:

REMARKS: West approach sealed
cracks



BRIDGE INSPECTION REPORT

Status: Released
CD Guid: a047621e-ee19-406d-8740-1d6daee89327

Printed On: 3/1/2019
Release Date: 2/20/2019

Agency: AUBURN
Program Mgr: Roman G. Peralta

Br. No. AUBURN12 **SID** 08719300

Br. Name 3rd St SW/SB Off Ramp

Carrying 3RD ST SW

Route On 01080

Mile Post 1.01

Intersecting C ST SW

Route Under

Mile Post

PHOTO
AUBURN12_10_1
1_2018_MAG (14)
DECK CRACKS

{root}

Photo Type: R - Repair

Orientation: DN

Date: 10/11/2018

Repairs: 10002

REMARKS: Transverse cracks in deck



BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN13 Page 1 of 3 **Structure Type**
Bridge Name 3rd St SW/BNSF OXING **Route** 01080 **Intersecting** BNSF RR
Structure ID 08719400 **MilePost** 1.02 **Location** 0.3 West of Hwy 18

Inspector's Signature JMO IDent# G0101 Co-Inspector's Signature MAH

										Inspections Performed:				
*	7	Structural Adqcy (657)	N	<input type="checkbox"/>	Pier/Abut/Protect (679)	2002	Year Built (332)	IT	NT	HRS	Date	Rep Type		
*	8	Deck Geometry (658)	N	<input type="checkbox"/>	Scour (680)	0	Year Rebuilt (336)	Y	24	0.5	10/20/2010	Routine		
	9	Underclearance (659)	6	<input type="checkbox"/>	Approach Rdwy (681)	N	60	Oper Rating (551)				Fract Crit		
	5	Operating Level (660)	5	<input type="checkbox"/>	Retaining Walls (682)	N	45	Inv Rating (554)				Underwater		
	8	Alignment Adqcy (661)	9	<input type="checkbox"/>	Pier Protection (683)	A		Open Close (293)				Special		
	9	Waterway Adqcy (662)	1	<input type="checkbox"/>	Bridge Rails (684)	9999		Vert Over Deck (360)				Interim		
	5	Deck Overall (663)	1	<input type="checkbox"/>	Transition (685)	2306		Vert Under (374)				Equipment		
	9	Drains Condition (664)	1	<input type="checkbox"/>	Guardrails (686)	R		Vert Und Code (378)				Damage		
	7	Superstructure (671)	1	<input type="checkbox"/>	Terminals (687)		0.00	Asphalt Depth				Safety		
	0	Number Utilities (675)	Y	<input type="checkbox"/>	Revise Rating (688)		25	Speed Limit				Short Span		
	7	Substructure (676)		<input type="checkbox"/>	Photos Flag (691)						Total: 0.5			
	9	Chan/Protection (677)		<input type="checkbox"/>	Soundings Flag (693)									
	9	Culvert (678)		<input type="checkbox"/>	Measure Clearance (694)						Suff Rating: 99.00	97.20		

BMS Elements 26 to 404

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	12,322	SF	12,199	0	123	0
115	Prestressed Concrete Girder	2,196	LF	2,196	0	0	0
215	Concrete Abutment	231	LF	231	0	0	0
310	Elastomeric Bearing	36	EA	36	0	0	0
331	Concrete Bridge Railing	244	LF	244	0	0	0
404	Compression Seal / Concrete Header	231	LF	231	0	0	0

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No.	AUBURN13	Page 2 of 3	Structure Type
Bridge Name	3rd St SW/BNSF OXING	Route	01080 Intersecting BNSF RR
Structure ID	08719400	MilePost	1.02 Location 0.3 West of Hwy 18

Notes 0 to 688

0

Orientation

This bridge is west of Auburn 14 and east of 3 bridges (Auburn 11, the State Bridge, and Auburn 12).

Bridge runs west to east over three sets of BNSF tracks.

This bridge is one of three bridges labeled by plaque as "Charles A. Booth bridge".

26

Concrete Deck

Deck Surface:

The deck has wide spread transverse cracks throughout and diagonal leaching cracks for about 20' near the abutments.

There are several D-spalls in the edge of the deck along the south end of the western expansion joint.

Wheel line wear is worn to aggregate with mud ball voids scattered throughout. Light scale near east expansion joint.

Deck Soffit: Transverse leaching cracks throughout. Leaching along longitudinal cold pour joint.

215

Concrete Abutment

Medium sized vertical cracks on both abutments that extend up from the ground line, some cracks extend to the top of the wall. Cracks are wider at the bottom.

Map cracking throughout surface of restrainer towers.

331

Concrete Bridge Rail

Vertical leaching cracks throughout.

Crack at top of south rail at mid span has heavy leaching. Spall at bottom of the NW approach rail.

404

Expansion Joints

Headers have been paved over. Some light D-spalls along joint.

Poured filler in joints.

Joint stops short at north end of east joint.

682

Retaining Walls

There are minor vertical and horizontal cracks on the structural earth-walls. Concrete rail is not aligned at first joint between curtain wall and retaining wall, typical all corners. At the first wall joint SW of bridge, the rail west of the joint is 2" lower than the rail east of the joint.

688

Load Rating

No load rating on file. Capacity values input to correlate with HS-25 design note on plans. Traffic counts are estimated.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN13	Page 3 of 3	Structure Type
Bridge Name 3rd St SW/BNSF OXING	Route 01080	Intersecting BNSF RR
Structure ID 08719400	MilePost 1.02	Location 0.3 West of Hwy 18

Repairs to

Repair No	Pr	R	Repair Description	Date Noted	Verified
			(No repairs for this structure)		

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/20/2010	Y	24	0.5	JMO	G0101	MAH	

Sticky Notes

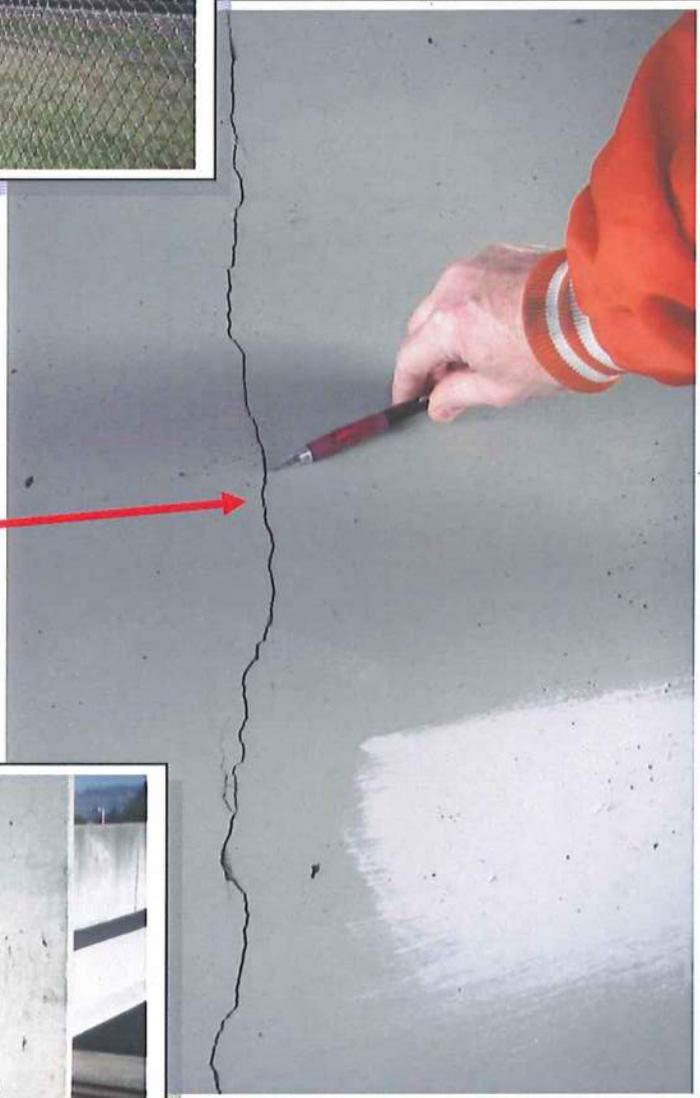
Creator	Created	Table Reference	Notes

City of Auburn – 3rd St. BNSF Overcrossing No. Auburn13 Inspected October 20, 2010



Elevation view looking north from pedestrian trail.

Vertical cracks in both abutment walls; many are full length.



Settlement at SW corner up to 2" in bridge rail.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN13

Page 1 of 3

Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 10

Inspector's Signature RPH

IDent# D2000

Co-Inspector's Signature

ZZ

										Inspections Performed:				
										IT	NT	HRS	Date	Rep Type
7	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	2002		Year Built (332)								
8	Deck Geometry (658)	N	Scour (680)	0		Year Rebuilt (336)				Y	24	1.0	10/8/2012	Routine
9	Underclearance (659)	6	Approach Rdwy (681)	F 99		Oper Rating (551)								Fract Crit
5	Operating Level (660)	5	Retaining Walls (682)	F 60		Inv Rating (554)								Underwater
8	Alignment Adqcy (661)	9	Pier Protection (683)	A		Open Close (293)								Special
9	Waterway Adqcy (662)	1	Bridge Rails (684)	9999		Vert Over Deck (360)								Interim
5	Deck Overall (663)	1	Transition (685)	2306		Vert Under (374)								Equipment
9	Drains Condition (664)	1	Guardrails (686)	R		Vert Und Code (378)								Damage
7	Superstructure (671)	1	Terminals (687)	0.00		Asphalt Depth								Safety
0	Number Utilities (675)	N	Revise Rating (688)	25		Speed Limit								Short Span
7	Substructure (676)		Photos Flag (691)											
9	Chan/Protection (677)		Soundings Flag (693)											
9	Culvert (678)		Measure Clearance (694)											
										Total: 1.0				
										Suff Rating: 97.34			97.34	

BMS Elements 26 to 404

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	12,322	SF	4,322	6,000	2,000	0
115	Prestressed Concrete Girder	2,196	LF	2,196	0	0	0
215	Concrete Abutment	231	LF	201	30	0	0
310	Elastomeric Bearing	36	EA	36	0	0	0
331	Concrete Bridge Railing	244	LF	192	50	2	0
358	Deck Cracking	0	EA	0	0	0	0
404	Compression Seal / Concrete Header	231	LF	231	0	0	0

Notes 0 to 695

0 ORIENTATION

See picture of Interchange map. Bridge runs west to east over three sets of BNSF tracks. This bridge is one of three bridges labeled by plaque as "Charles A. Booth bridge".

26 DECK, CONCRETE

Surface: Many open diagonal cracks in the corners and at joints. D-spalls at P1 joint south end. Light scale near joint at P2. Moderate tining worn to aggregate in wheel lines. Mud ball voids scattered throughout.

Soffit: Transverse leaching cracks throughout, diagonal leaching cracks at abutments, chevron leaching cracks at centerline. Longitudinal leaching crack along cold joint.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No.	AUBURN13	Page 2 of 3	Structure Type
Bridge Name	3RD ST SW/BNSF OXING	Route 01080	Intersecting BNSF RR
Structure ID	08719400	MilePost 1.02	Location 0.3 MILES WEST OF HWY 10

Notes 0 to 695

- | | |
|-----|---|
| 115 | <p>GIRDERS, PS CONCRETE</p> <p>18 lines of prestressed girders, no defects noted.</p> |
| 215 | <p>ABUTMENT, CONCRETE</p> <p>Vertical cracks in both abutments that extend from ground line, some extend to top of wall; cracks open at bottom.. Map cracking throughout surface of restrainer towers.</p> |
| 310 | <p>BEARINGS, ELASTOMERIC</p> <p>Did not closely inspect bearings, no defects visible from ground. CLOSELY INSPECT CORNER BEARINGS NEXT INSPECTION</p> |
| 331 | <p>RAIL, CONCRETE</p> <p>Vertical leaching cracks throughout.</p> <p>Crack at top of south rail at mid span has heavy leaching. Spall at bottom of the NW approach rail.</p> |
| 358 | <p>DECK CRACKING - See Note 26</p> |
| 404 | <p>EXPANSION JOINTS, COMPRESSION SEALS</p> <p>Headers have been paved over and poured rubber over compression seals. Some light D-spalls along joint. Joint stops short at north end of east joint.</p> |
| 681 | <p>APPROACH ROADWAY</p> <p>1/2" settlement in east approach WB lane.</p> |
| 682 | <p>RETAINING WALLS</p> <p>Minor vertical and horizontal cracks on the structural earth-walls. Concrete rail is not aligned at first joint between curtain wall and retaining wall, typical all corners. At the first wall joint SW of bridge, the rail west of the joint is 2" lower than the rail east of the joint.</p> |
| 688 | <p>ADT Revised – 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.</p> |
| 695 | <p>MONITOR</p> <p>Vertical open cracks in abutments (width, height, and spacing)</p> <p>Deck cracking</p> |

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: **Released**

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN13 **Page 3 of 3** **Structure Type**
Bridge Name 3RD ST SW/BNSF OXING **Route** 01080 **Intersecting** BNSF RR
Structure ID 08719400 **MilePost** 1.02 **Location** 0.3 MILES WEST OF HWY 10

Repairs 10000 to 10001

Repair No	Pr	R	Repair Description	Date Noted	Verified
10000	1	B	DECK OVERLAY: Concrete deck has many transverse and diagonal cracks through to soffit. Shot blast clean the deck surface. Apply two-coat epoxy overlay with 6x10 aggregate.	10/24/2012	
10001	M	M	MONITOR: Vertical cracks in abutments and deck cracking	12/18/2012	

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/8/2012	Y	24	1.0	RPH	D2000	ZZ	Need bucket truck to inspect bearings. Because of deck cracking, a close visual inspection of corner bearings should be done next inspection to verify condition.

Sticky Notes

Creator	Created	Table Reference	Notes

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

Page: 1/2

Structure Type

Bridge Name 3RD ST SW/BNSF OXING

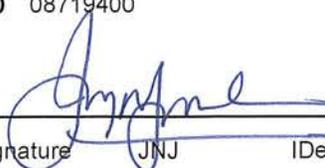
Route 01080

Location 0.3 MILES WEST OF HWY 18

Structure ID 08719400

MilePost 1.02

Intersecting BNSF RR

Inspector's Signature  JNJ IDent# B1180

Co-Inspector's Signature  TT

							Inspections Performed					
							IT	NT	HRS	Date	Rep Type	
7	<input type="checkbox"/>	Structural Adqcy (657)	N	<input type="checkbox"/>	Pier/Abut/Protect (679)	2002	Year Built (332)					
8	<input type="checkbox"/>	Deck Geometry (658)	N	<input type="checkbox"/>	Scour (680)	0	Year Rebuilt (336)	Y	24	1.0	10/24/2014	Routine
9	8	Underclearance (659)	5	<input type="checkbox"/>	Retaining Walls (682)	99	Oper Rating (551)					Fract Crit
5	<input type="checkbox"/>	Operating Level (660)	9	<input type="checkbox"/>	Pier Protection (683)	60	Inv Rating (554)					Underwater
8	<input type="checkbox"/>	Alignment Adqcy (661)	1	<input type="checkbox"/>	Bridge Rails (684)	A	Open Close (293)					Special
9	<input type="checkbox"/>	WaterwayAdqcy (662)	1	<input type="checkbox"/>	Transition (685)	9999	Vert Over Deck (360)					Interim
5	<input type="checkbox"/>	Deck Overall (663)	1	<input type="checkbox"/>	Guardrails (686)	2306	Vert Under (374)					Equipment
9	<input type="checkbox"/>	Drains Condition (664)	1	<input type="checkbox"/>	Terminals (687)	R	Vert Und Code (378)					Damage
7	<input type="checkbox"/>	Superstructure (671)	N	<input type="checkbox"/>	Revise Rating (688)	0.00	Asphalt Depth					Safety
0	<input type="checkbox"/>	Number Utilities (675)		<input type="checkbox"/>	Photos Flag (691)	25	Speed Limit					Short Span
7	<input type="checkbox"/>	Substructure (676)		<input type="checkbox"/>	Soundings Flag (693)						Total: 1.0	
9	<input type="checkbox"/>	Chan/Protection (677)		<input type="checkbox"/>	Measure Clearance (694)							
9	<input type="checkbox"/>	Culvert (678)									Suff Rating: 97.34	97.16

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	12322	SF	4322	6000	2000	0
115	Prestressed Concrete Girder	2196	LF	2196	0	0	0
215	Concrete Abutment	231	LF	201	30	0	0
310	Elastomeric Bearing	36	EA	36	0	0	0
331	Concrete Bridge Railing	244	LF	192	50	2	0
358	Deck Cracking	0	EA	0	0	0	0
404	Compression Seal / Concrete Header	231	LF	231	0	0	0

Notes

0	<p>ORIENTATION</p> <p>See picture of Interchange map. Bridge runs west to east over three sets of BNSF tracks. This bridge is one of three bridges labeled by plaque as "Charles A. Booth bridge".</p>
26	<p>DECK, CONCRETE</p> <p>Surface: Many open diagonal cracks in the corners and at joints. D-spalls at P1 joint south end. Light scale near joint at P2. Moderate tining worn to aggregate in wheel lines. Mud ball voids scattered throughout.</p> <p>Soffit: Transverse leaching cracks throughout, diagonal leaching cracks at abutments, chevron leaching cracks at centerline. Longitudinal leaching crack along cold joint.</p>

BRIDGE INSPECTION REPORT

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Bridge No. AUBURN13	Page: 2/2	Structure Type
Bridge Name 3RD ST SW/BNSF OXING	Route 01080	Location 0.3 MILES WEST OF HWY 18
Structure ID 08719400	MilePost 1.02	Intersecting BNSF RR

115	GIRDERS, PS CONCRETE 18 lines of prestressed girders, no defects noted.
215	ABUTMENT, CONCRETE Vertical cracks in both abutments that extend from ground line, some extend to top of wall; cracks open at bottom.. Map cracking throughout surface of restrainer towers.
310	BEARINGS, ELASTOMERIC Did not closely inspect bearings, no defects visible from ground. CLOSELY INSPECT CORNER BEARINGS NEXT INSPECTION
331	RAIL, CONCRETE Vertical leaching cracks throughout. Crack at top of south rail at mid span has heavy leaching. Spall at bottom of the NW approach rail.
358	DECK CRACKING - See Note 26
404	EXPANSION JOINTS, COMPRESSION SEALS Headers have been paved over and poured rubber over compression seals. Some light D-spalls along joint. Joint stops short at north end of east joint.
681	APPROACH ROADWAY <u>Settlement in east approach WB lane (Approach Concrete Barrier)</u> 2014 1" 2012 1/2"
682	RETAINING WALLS Minor vertical and horizontal cracks on the structural earth-walls. Concrete rail is not aligned at first joint between curtain wall and retaining wall, typical all corners. At the first wall joint SW of bridge, the rail west of the joint is 2" lower than the rail east of the joint.
688	ADT Revised – 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.
695	MONITOR Vertical open cracks in abutments (width, height, and spacing) Deck cracking

Repairs

Repair No	Pr	R	Repair Description	Noted	Maint	Verified
10000	1	B		10/24/12		
10002	2	B		10/30/14		
10001	M	M		12/18/12		

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/24/14		24	1.0	JNJ	B1180	TT	Need bucket truck to inspect bearings. Because of deck cracking, a close visual inspection of corner bearings should be done next inspection to verify condition.
Resources			Use Hour	Min	Req	Max		Notes

BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: Released

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

Page 1 of 7

Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Cracks @West Approach Roadway

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 13 10242014 Deck Overall_Looking

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

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Bridge No. AUBURN13

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Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Diagonal Cracks on D

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 13 10242014 Drainage Clogged

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: **Released**

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Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

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Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Elevation_Looking So

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 13 10242014 Full Height Vertical Cr

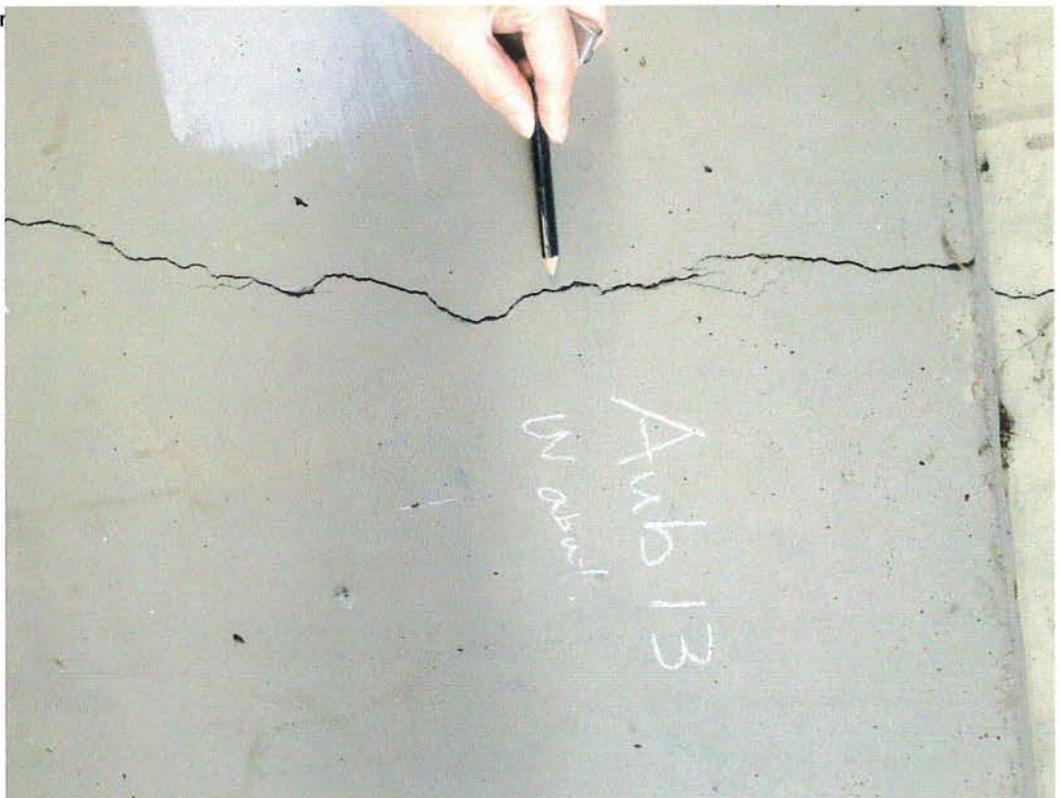
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Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: **Released**

Ver Date: 12/18/2014

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Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

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Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Joint @West Abutment

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 13 10242014 Mud Ball Voids Throu

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

	WO	CC	WE	PD
BAM				

Status: **Released**

Ver Date: 12/18/2014

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Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

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Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Sign of Settlement @NE Approach

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



Auburn 13 10242014 Superstructure

Photographs

Photo Type: (none)

Orientation:

Dates:

Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: **Released**

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

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Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

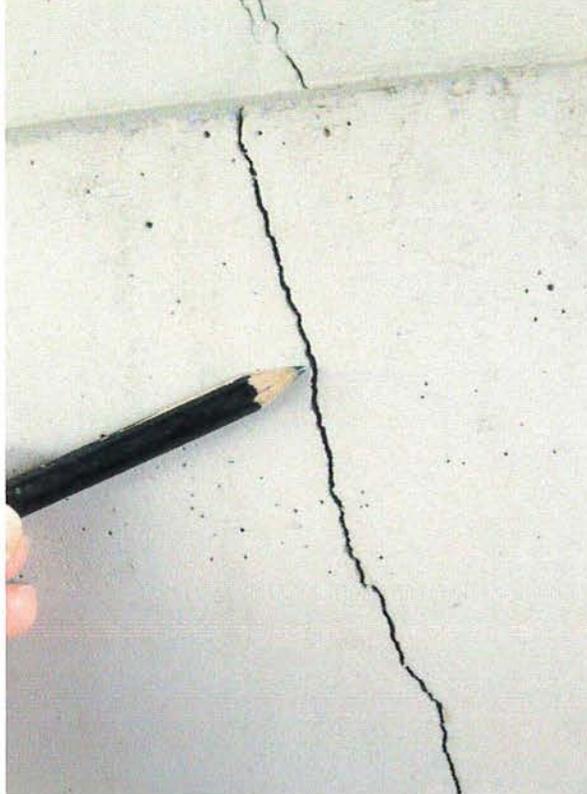
Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Auburn 13 10242014 Vertical Crack on West Abutment

Photographs
Photo Type: (none)
Orientation:
Dates:
Repairs:



Auburn 13 10242014 White Leaching on So

Photographs
Photo Type: (none)
Orientation:
Dates:
Repairs:



BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: Released

Ver Date: 12/18/2014

Printed on: 12/19/2014

Agency: AUBURN

Program Mgr: Roman G. Peralta

Bridge No. AUBURN13

Page 7 of 7

Structure Type

Bridge Name 3RD ST SW/BNSF OXING

Route 01080

Intersecting BNSF RR

Structure ID 08719400

MilePost 1.02

Location 0.3 MILES WEST OF HWY 18

Entry Name	Folder Name	Type	Repairs	Page
Auburn 13 102420	Photographs			1
Auburn 13 102420	Photographs			1
Auburn 13 102420	Photographs			2
Auburn 13 102420	Photographs			2
Auburn 13 102420	Photographs			3
Auburn 13 102420	Photographs			3
Auburn 13 102420	Photographs			4
Auburn 13 102420	Photographs			4
Auburn 13 102420	Photographs			5
Auburn 13 102420	Photographs			5
Auburn 13 102420	Photographs			6
Auburn 13 102420	Photographs			6

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released
CD Guid: b7437cec-7509-45b9-8601-be1602d4c2e2

Printed On: 1/12/2017
CD Date: 12/20/2016

Agency: AUBURN
Program Mgr: Roman G. Peralta

Br. No. AUBURN13 **SID** 08719400

Br. Name 3RD ST SW/BNSF OXING

Carrying 3RD ST SW

Route On 01080 **Mile Post** 1.02

Intersecting BNSF RR

Route Under **Mile Post**

Ben Beard

Zheny Zhou

Inspector's Signature BLR Cert # G1332 Cert Exp Date 5/12/2021

Co-Inspector's Signature ZZ

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>7</td><td><input type="checkbox"/></td><td>Structural Eval (1657)</td></tr> <tr><td>8</td><td><input type="checkbox"/></td><td>Deck Geometry (1658)</td></tr> <tr><td>8</td><td><input type="checkbox"/></td><td>Underclearance (1659)</td></tr> <tr><td>8</td><td><input type="checkbox"/></td><td>Alignment (1661)</td></tr> <tr><td>5</td><td><input type="checkbox"/></td><td>Deck Overall (1663)</td></tr> <tr><td>7</td><td><input type="checkbox"/></td><td>Superstructure (1671)</td></tr> <tr><td>7</td><td><input type="checkbox"/></td><td>Substructure (1676)</td></tr> <tr><td>9</td><td><input type="checkbox"/></td><td>Culvert (1678)</td></tr> <tr><td>9</td><td><input type="checkbox"/></td><td>Chan/Protection (1677)</td></tr> <tr><td>N</td><td><input type="checkbox"/></td><td>Pier/Abut/Prot (1679)</td></tr> <tr><td>9</td><td><input type="checkbox"/></td><td>Drain Cond (7664)</td></tr> <tr><td>0</td><td><input type="checkbox"/></td><td>Drain Status (7665)</td></tr> <tr><td>L</td><td><input type="checkbox"/></td><td>Deck Scaling (7666)</td></tr> <tr><td>2</td><td><input type="checkbox"/></td><td>Scaling Pct (7667)</td></tr> <tr><td>7</td><td><input type="checkbox"/></td><td>Deck Rutting (7669)</td></tr> <tr><td>7</td><td><input type="checkbox"/></td><td>Exposed Rebar (7670)</td></tr> <tr><td>9</td><td><input type="checkbox"/></td><td>Curb Cond (7672)</td></tr> </table>	7	<input type="checkbox"/>	Structural Eval (1657)	8	<input type="checkbox"/>	Deck Geometry (1658)	8	<input type="checkbox"/>	Underclearance (1659)	8	<input type="checkbox"/>	Alignment (1661)	5	<input type="checkbox"/>	Deck Overall (1663)	7	<input type="checkbox"/>	Superstructure (1671)	7	<input type="checkbox"/>	Substructure (1676)	9	<input type="checkbox"/>	Culvert (1678)	9	<input type="checkbox"/>	Chan/Protection (1677)	N	<input type="checkbox"/>	Pier/Abut/Prot (1679)	9	<input type="checkbox"/>	Drain Cond (7664)	0	<input type="checkbox"/>	Drain Status (7665)	L	<input type="checkbox"/>	Deck Scaling (7666)	2	<input type="checkbox"/>	Scaling Pct (7667)	7	<input type="checkbox"/>	Deck Rutting (7669)	7	<input type="checkbox"/>	Exposed Rebar (7670)	9	<input type="checkbox"/>	Curb Cond (7672)	<table border="1" style="width: 100%; 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border-collapse: collapse;"> <thead> <tr> <th>Freq</th> <th>Hrs</th> <th>Date</th> <th>Rep Type</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1.0</td> <td>10/18/2016</td> <td>Routine</td> </tr> <tr><td></td><td></td><td></td><td>Fract Crit</td></tr> <tr><td></td><td></td><td></td><td>UW</td></tr> <tr><td></td><td></td><td></td><td>Special</td></tr> <tr><td></td><td></td><td></td><td>Interim</td></tr> <tr><td></td><td></td><td></td><td>UWI</td></tr> <tr><td></td><td></td><td></td><td>Damage</td></tr> <tr><td></td><td></td><td></td><td>Safety</td></tr> <tr><td></td><td></td><td></td><td>Short Span</td></tr> <tr><td></td><td></td><td></td><td>In Depth</td></tr> <tr><td></td><td></td><td></td><td>Geometric</td></tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/18/2016	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				Safety				Short Span				In Depth				Geometric
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9	<input type="checkbox"/>	Drain Cond (7664)																																																																																																																																																																																								
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L	<input type="checkbox"/>	Deck Scaling (7666)																																																																																																																																																																																								
2	<input type="checkbox"/>	Scaling Pct (7667)																																																																																																																																																																																								
7	<input type="checkbox"/>	Deck Rutting (7669)																																																																																																																																																																																								
7	<input type="checkbox"/>	Exposed Rebar (7670)																																																																																																																																																																																								
9	<input type="checkbox"/>	Curb Cond (7672)																																																																																																																																																																																								
99	<input type="checkbox"/>	Operating Tons (1552)																																																																																																																																																																																								
	<input type="checkbox"/>	3.17 Op RF (1553)																																																																																																																																																																																								
60	<input type="checkbox"/>	Inventory Tons (1555)																																																																																																																																																																																								
	<input type="checkbox"/>	1.67 Inv RF (1556)																																																																																																																																																																																								
5	<input type="checkbox"/>	Operating Level (1660)																																																																																																																																																																																								
A	<input type="checkbox"/>	Open/Closed (1293)																																																																																																																																																																																								
9	<input type="checkbox"/>	Waterway (1662)																																																																																																																																																																																								
N	<input type="checkbox"/>	Scour (1680)																																																																																																																																																																																								
	<input type="checkbox"/>	Soundings Flag (2693)																																																																																																																																																																																								
N	<input type="checkbox"/>	Revise Rating (2688)																																																																																																																																																																																								
	<input type="checkbox"/>	Photos Flag (2691)																																																																																																																																																																																								
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9	<input type="checkbox"/>	Sdwk Cond (7673)																																																																																																																																																																																								
9	<input type="checkbox"/>	Paint Cond (7674)																																																																																																																																																																																								
6	<input type="checkbox"/>	Approach Cond (7681)																																																																																																																																																																																								
5	<input type="checkbox"/>	Retaining Wall (7682)																																																																																																																																																																																								
9	<input type="checkbox"/>	Pier Prot (7683)																																																																																																																																																																																								
0	<input type="checkbox"/>	No Utilities (2675)																																																																																																																																																																																								
1	<input type="checkbox"/>	Bridge Rails (1684)																																																																																																																																																																																								
1	<input type="checkbox"/>	Transition (1685)																																																																																																																																																																																								
1	<input type="checkbox"/>	Guardrails (1686)																																																																																																																																																																																								
1	<input type="checkbox"/>	Terminals (1687)																																																																																																																																																																																								
0.00	<input type="checkbox"/>	Asphalt Depth (2610)																																																																																																																																																																																								
	<input type="checkbox"/>	Des Curb Ht (2611)																																																																																																																																																																																								
	<input type="checkbox"/>	Bridge Rail Ht (2612)																																																																																																																																																																																								
2002	<input type="checkbox"/>	Year Built (1332)																																																																																																																																																																																								
0	<input type="checkbox"/>	Year Rebuilt (1336)																																																																																																																																																																																								
	<input type="checkbox"/>	Y Subj to NBIS (2614)																																																																																																																																																																																								
Freq	Hrs	Date	Rep Type																																																																																																																																																																																							
24	1.0	10/18/2016	Routine																																																																																																																																																																																							
			Fract Crit																																																																																																																																																																																							
			UW																																																																																																																																																																																							
			Special																																																																																																																																																																																							
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			Safety																																																																																																																																																																																							
			Short Span																																																																																																																																																																																							
			In Depth																																																																																																																																																																																							
			Geometric																																																																																																																																																																																							

BMS Elements							
Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	12,322	SF	4,322	6,000	2,000	0
115	Prestressed Concrete Girder	2,196	LF	2,196	0	0	0
215	Concrete Abutment	231	LF	201	30	0	0
310	Elastomeric Bearing	36	EA	36	0	0	0
331	Concrete Bridge Railing	244	LF	192	50	2	0
404	Compression Seal / Concrete Header	231	LF	231	0	0	0

Notes	
0	ORIENTATION See picture of Interchange map. Bridge runs west to east over three sets of BNSF tracks. Abutment 1 is west. This bridge is one of three bridges labeled by plaque as "Charles A. Booth bridge".
26	DECK, CONCRETE Surface: Many open diagonal cracks in the corners and at joints. D-spalls at P1 joint south end. Light scale near joint at P2. Moderate timing worn to aggregate in wheel lines. Mud ball voids scattered throughout. Soffit: Transverse leaching cracks throughout but more common south, diagonal leaching cracks at abutments, chevron leaching cracks at centerline. Longitudinal leaching crack along cold joint.
115	GIRDERS, PS CONCRETE 18 lines of prestressed girders, no defects noted.

BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13

SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Carrying 3RD ST SW

Route On 01080

Mile Post 1.02

Intersecting BNSF RR

Route Under

Mile Post

Inspector's Signature *MAG*

Cert # G1103 Cert Exp Date 5/12/2021

Co-Inspector's Signature *HP*

7	6	Structural Eval (1657)	99	<input type="checkbox"/>	Operating Tons (1552)	0	<input type="checkbox"/>	No Utilities (2675)	Inspections Performed: <table border="1"> <thead> <tr> <th>Freq</th> <th>Hrs</th> <th>Date</th> <th>Rep Type</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1.0</td> <td>10/11/2018</td> <td>Routine</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Fract Crit</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UW</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Special</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Interim</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UWI</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Damage</td> </tr> <tr> <td></td> <td></td> <td></td> <td>PRM Safety</td> </tr> <tr> <td></td> <td></td> <td></td> <td>SEC Safety</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Condition</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Short Span</td> </tr> <tr> <td></td> <td></td> <td></td> <td>In Depth</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Geometric</td> </tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/11/2018	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				PRM Safety				SEC Safety				Condition				Short Span				In Depth				Geometric
Freq	Hrs	Date	Rep Type																																																														
24	1.0	10/11/2018	Routine																																																														
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			In Depth																																																														
			Geometric																																																														
8		Deck Geometry (1658)	3.17	<input type="checkbox"/>	Op RF (1553)	1	<input type="checkbox"/>	Bridge Rails (1684)																																																									
8		Underclearance (1659)	60	<input type="checkbox"/>	Inventory Tons (1555)	1	<input type="checkbox"/>	Transition (1685)																																																									
8		Alignment (1661)	1.67	<input type="checkbox"/>	Inv RF (1556)	1	<input type="checkbox"/>	Guardrails (1686)																																																									
5		Deck Overall (1663)	5	<input type="checkbox"/>	Operating Level (1660)	1	<input type="checkbox"/>	Terminals (1687)																																																									
7		Superstructure (1671)	A	<input type="checkbox"/>	Open/Closed (1293)	0.00	<input type="checkbox"/>	Asphalt Depth (2610)																																																									
7	6	Substructure (1676)	9	<input type="checkbox"/>	Waterway (1662)		<input type="checkbox"/>	Design Curb Ht (2611)																																																									
9		Culvert (1678)	N	<input type="checkbox"/>	Scour (1680)		33.0	Bridge Rail Ht (2612)																																																									
9		Chan/Protection (1677)		<input type="checkbox"/>	Soundings Flag (2693)	2002	<input type="checkbox"/>	Year Built (1332)																																																									
N		Pier/Abut/Prot (1679)	N	<input type="checkbox"/>	Revise Rating (2688)	0	<input type="checkbox"/>	Year Rebuilt (1336)																																																									
9		Drain Cond (7664)		<input type="checkbox"/>	Photos Flag (2691)	Y	<input type="checkbox"/>	Subj to NBIS (2614)																																																									
0		Drain Status (7665)		<input type="checkbox"/>	Measure Clrnc (2694)																																																												
L		Deck Scaling (7666)	9	<input type="checkbox"/>	Sdwk Cond (7673)			Alpha Span Type: <input type="text" value="PCG"/>																																																									
2		Scaling Pct (7667)	9	<input type="checkbox"/>	Paint Cond (7674)																																																												
7		Deck Rutting (7669)	6	<input type="checkbox"/>	Approach Cond (7681)																																																												
7		Exposed Rebar (7670)	5	<input type="checkbox"/>	Retaining Wall (7682)			Sufficiency Rating 96.91																																																									
9		Curb Cond (7672)	9	<input type="checkbox"/>	Pier Prot (7683)			Low Risk																																																									

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
26	Concrete Deck w/Coated Bars	14,391	SF	14,191	0	200	0
35	Concrete Deck Soffit	14,391	SF	12,391	0	2,000	0
115	Prestressed Concrete Girder	2,147	LF	2,147	0	0	0
215	Concrete Abutment	263	LF	233	0	30	0
310	Elastomeric Bearing	36	EA	36	0	0	0
331	Concrete Bridge Railing	244	LF	194	0	50	0
404	Compression Seal / Concrete Header	234	LF	234	0	0	0

Notes

- 0 ORIENTATION:
Bridge runs west to east over three sets of BNSF tracks. Abutment 1 is west. This bridge is one of three bridges labeled by plaque as "Charles A. Booth bridge".

BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13	SID 08719400	Br. Name 3RD ST SW/BNSF OXING	
Carrying 3RD ST SW		Route On 01080	Mile Post 1.02
Intersecting BNSF RR		Route Under	Mile Post

Notes (Continued)

11	LOAD RATING: Controlling Point: Concrete tension stress at girder Q (INV) Moment at girder K (OPR)
26	CONCRETE DECK: Surface: Many open diagonal cracks in the corners and at joints. D-spalls at P1 joint south end. Light scale near joint at P2. Tining worn to aggregate in wheel lines. Mud ball voids scattered throughout deck surface.
35	CONCRETE DECK SOFFIT: Transverse leaching cracks throughout, more common at south soffit. Diagonal leaching cracks at abutments and near the center line. Longitudinal leaching crack along cold joint.
115	PS CONCRETE GIRDERS: 18 lines of prestressed girders (A-R). No defects noted.
215	CONCRETE ABUTMENT: Vertical and diagonal cracks in both abutments starting at ground line with some extending to top of wall. Most cracks are hairline to narrow, larger cracks vary from narrow to open along length, open near ground line. Map cracking throughout surface of restrainer towers. MONITOR: Abutment 1: Open crack located on south side of north luminare, 1.5" below bottom decorative groove line. Measured 0.05" crack width in 2018.
310	ELASTOMERIC BEARINGS: Inspected bearings using binoculars. No defects visible from ground.
331	CONCRETE RAIL: Vertical leaching cracks throughout. Crack at top of south rail at mid span has heavy leaching.
404	EXPANSION JOINTS, COMPRESSION SEALS: Headers have been paved over and poured rubber added over compression seals. Some light D-spalls along joint. Joint stops short at north end of east joint.
1663	DECK CONDITION: Deck is coded as fair condition due to open diagonal cracks at corners and joints. Epoxy overlay is recommended to extend the life of the deck. See repair.
7681	APPROACH ROADWAY: West approach has a sinkhole at the south end causing 1" settlement. Spall at bottom of the NW approach rail. East approach has up to 1/2" settlement. Crack in SE concrete approach rail.
7682	RETAINING WALLS: Minor vertical and horizontal cracks on the structural earth-walls. Concrete rail is not aligned at first joint between curtain wall and retaining wall, typical all corners. At the first wall joint SW of bridge, the rail west of the joint is 2" lower than the rail east of the joint.

Repairs

Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
10000	1	B	DECK OVERLAY: Concrete deck has many transverse and diagonal cracks through to soffit. Shot blast clean the deck surface. Apply two-coat epoxy overlay with 6x10 aggregate.	10/24/2012		
10001	M	M	MONITOR: Vertical cracks in abutments and deck cracking	12/18/2012		
10002	2	B	DRAINAGE: Catch basin on west bound shoulder needs cleaned.	10/30/2014		

BRIDGE INSPECTION REPORT

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Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13	SID 08719400	Br. Name 3RD ST SW/BNSF OXING		
Carrying 3RD ST SW			Route On 01080	Mile Post 1.02
Intersecting BNSF RR			Route Under	Mile Post

Inspections Performed and Resources Required

Report Type	Date	Freq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/11/2018	24	1.0	MAG	G1103	HP	Bearings inspected from ground during 2018 inspection.
Resources	Hours	Min	Pref	Max	Freq Date	Need Date	Override Notes
Bucket							

BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13
Carrying 3RD ST SW
Intersecting BNSF RR

SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Route On 01080

Mile Post 1.02

Route Under

Mile Post

PHOTO
AUBURN13_10_1
1_2018_MAG (22)
APPROACH (W)

{root}

Photo Type: G - General

Orientation: W

Date: 10/11/2018

Repairs:

REMARKS: Sinkhole at SW approach



PHOTO
AUBURN13_10_1
1_2018_MAG (29)
ABUTMENT 2

{root}

Photo Type: G - General

Orientation: E

Date: 10/11/2018

Repairs:

REMARKS: Abutment 2



BRIDGE INSPECTION REPORT

Status: Released
CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Printed On: 3/1/2019
Release Date: 2/20/2019

Agency: AUBURN
Program Mgr: Roman G. Peralta

Br. No. AUBURN13 SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Carrying 3RD ST SW

Route On 01080

Mile Post 1.02

Intersecting BNSF RR

Route Under

Mile Post

PHOTO
AUBURN13_10_1
1_2018_MAG (35)
SOFFIT

{root}

Photo Type: G - General

Orientation: UP

Date: 10/11/2018

Repairs:

REMARKS: Soffit leaching crack



PHOTO
AUBURN13_10_1
1_2018_MAG (36)
ABUTMENT
CRACKS

{root}

Photo Type: M - Monitor

Orientation: W

Date: 10/11/2018

Repairs: 10001

REMARKS: 0.05" vertical crack at
abutment 1



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13
Carrying 3RD ST SW
Intersecting BNSF RR

SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Route On 01080
Route Under

Mile Post 1.02
Mile Post

PHOTO
AUBURN13_10-11
-2018_HP (3)
JOINT (E)

{root}

Photo Type: G - General

Orientation: NW

Date: 10/11/2018

Repairs:

REMARKS: East approach and deck



PHOTO
AUBURN13_10-11
-2018_HP (11)
TOWER (NW)

{root}

Photo Type: G - General

Orientation: S

Date: 10/11/2018

Repairs:

REMARKS: Typical map cracking on towers, NW tower shown



BRIDGE INSPECTION REPORT

Status: Released
CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Printed On: 3/1/2019
Release Date: 2/20/2019

Agency: AUBURN
Program Mgr: Roman G. Peralta

Br. No. AUBURN13 SID 08719400
Carrying 3RD ST SW
Intersecting BNSF RR

Br. Name 3RD ST SW/BNSF OXING

Route On 01080 Mile Post 1.02
Route Under Mile Post

PHOTO
AUBURN13_10-11
-2018_HP (15)
ELEVATION (S)

{root}
Photo Type: E - Elevation
Orientation: N
Date: 10/11/2018
Repairs:
REMARKS: South elevation

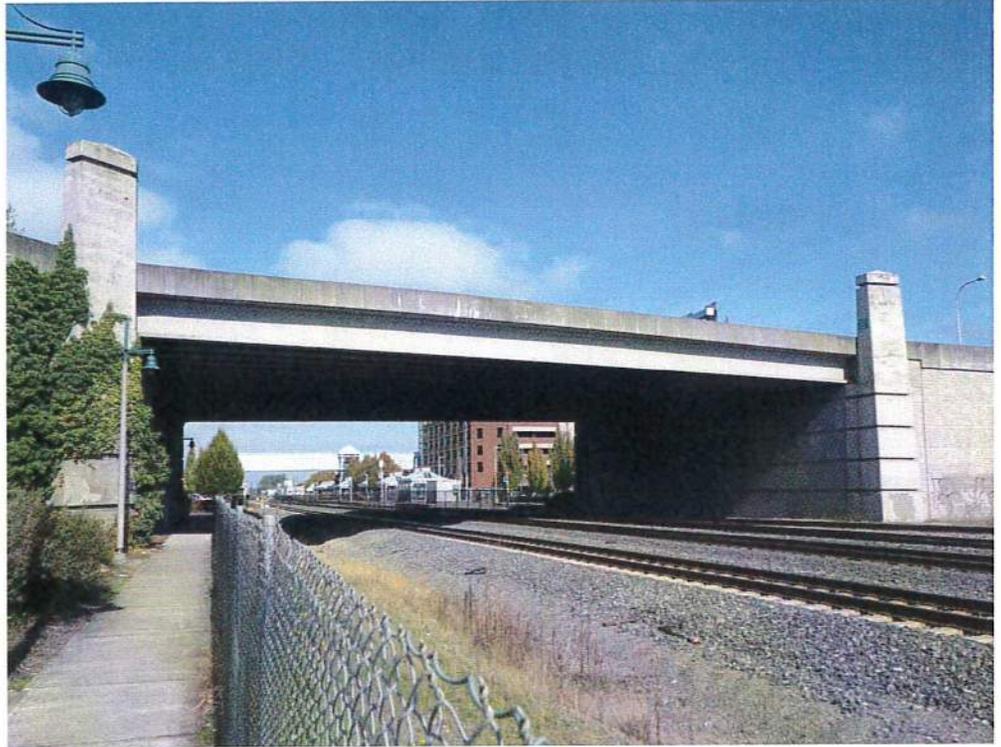
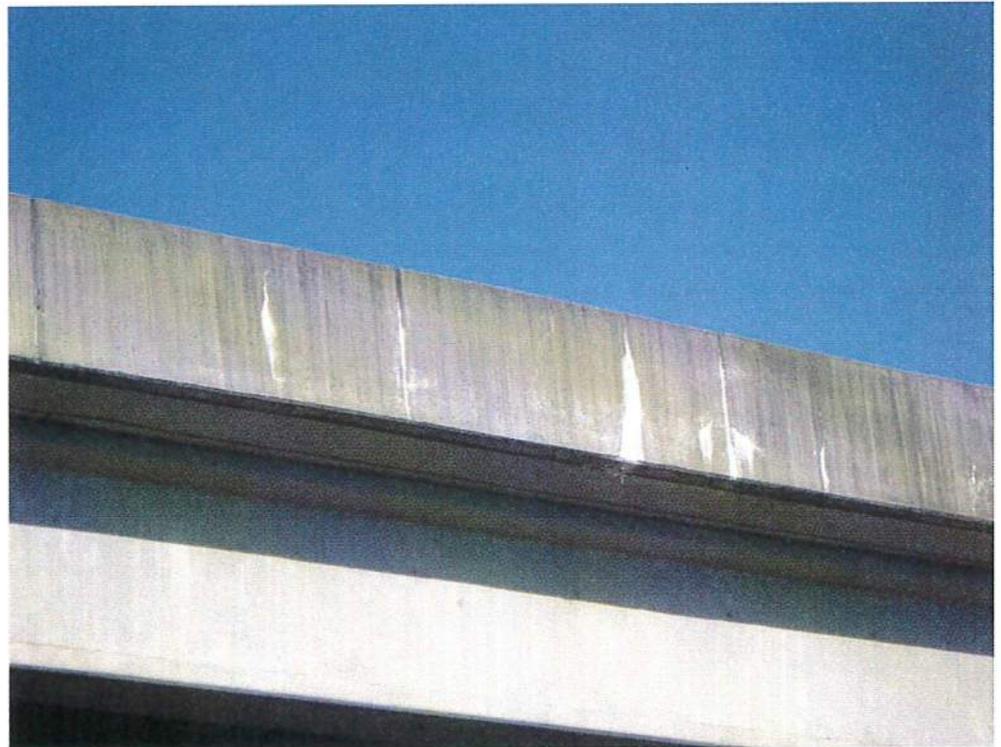


PHOTO
AUBURN13_10-11
-2018_HP (16)
RAIL CRACKS

{root}
Photo Type: G - General
Orientation: N
Date: 10/11/2018
Repairs:
REMARKS: Leaching crack in south exterior rail



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13	SID 08719400	Br. Name 3RD ST SW/BNSF OXING		
Carrying 3RD ST SW			Route On 01080	Mile Post 1.02
Intersecting BNSF RR			Route Under	Mile Post

PHOTO
AUBURN13_10_1
1_2018_MAG (1)
ABUTMENT 1

{root}

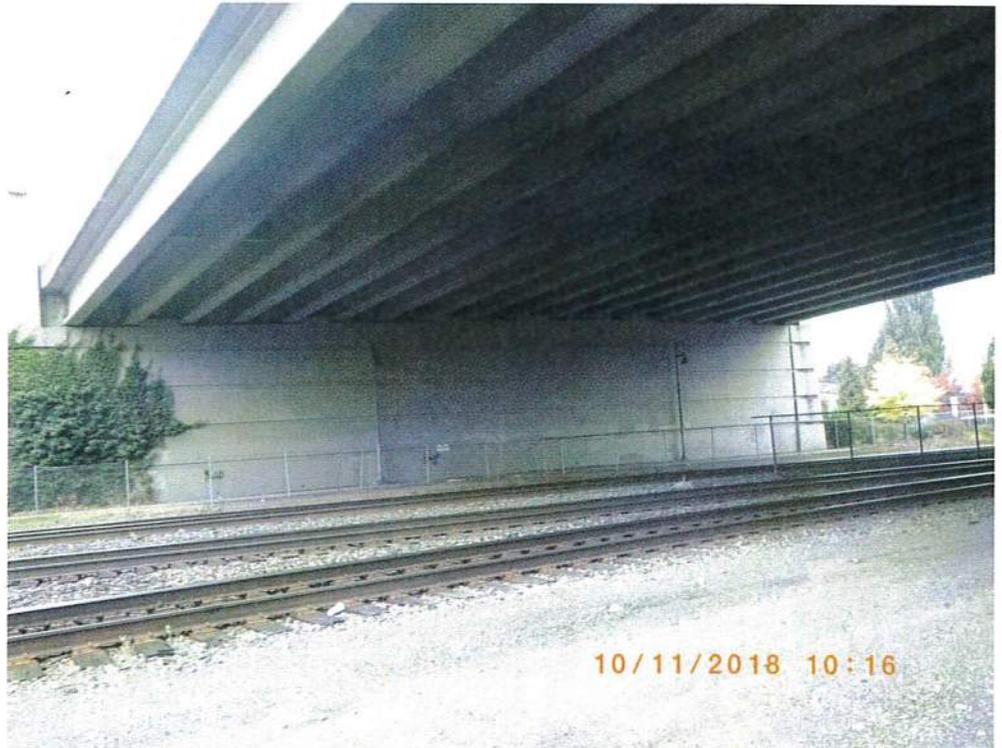
Photo Type: G - General

Orientation: SE

Date: 10/11/2018

Repairs:

REMARKS: Abutment 1



BRIDGE INSPECTION REPORT

Status: Released
CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Printed On: 3/1/2019
Release Date: 2/20/2019

Agency: AUBURN
Program Mgr: Roman G. Peralta

Br. No. AUBURN13 SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Carrying 3RD ST SW

Route On 01080

Mile Post 1.02

Intersecting BNSF RR

Route Under

Mile Post

PHOTO
AUBURN13_10_1
1_2018_MAG (9)
DECK

{root}

Photo Type: D - Deck

Orientation: W

Date: 10/11/2018

Repairs:

REMARKS: Top of deck

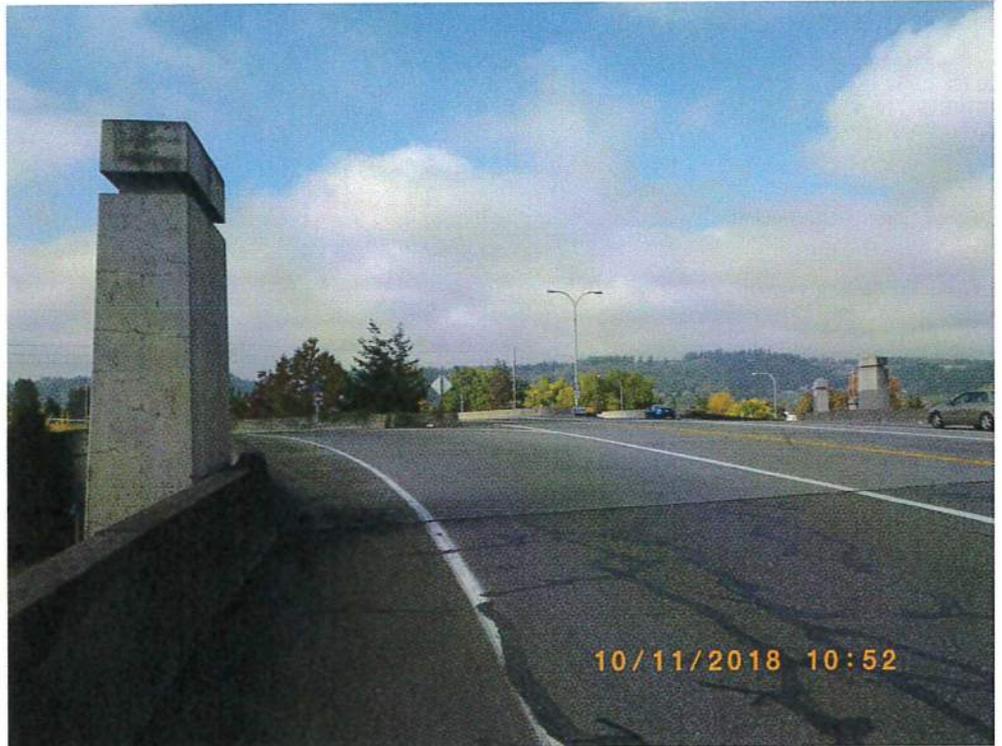


PHOTO
AUBURN13_10_1
1_2018_MAG (10)
APPROACH RAIL

{root}

Photo Type: G - General

Orientation: DN

Date: 10/11/2018

Repairs:

REMARKS: Cracks on SE approach rail



BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: ba72b9ce-23c5-44e1-8b99-31d04c83fb55

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN13 SID 08719400

Br. Name 3RD ST SW/BNSF OXING

Carrying 3RD ST SW

Route On 01080

Mile Post 1.02

Intersecting BNSF RR

Route Under

Mile Post

PHOTO
AUBURN13_10_1
1_2018_MAG (17)
DECK CRACKS

{root}

Photo Type: R - Repair

Orientation: DN

Date: 10/11/2018

Repairs: 10000

REMARKS: Open diagonal deck cracks



BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN14

Page 1 of 3

Structure Type

Bridge Name 3rd St SW

Route 01080

Intersecting A ST SW

Structure ID 08719500

MilePost 1.03

Location 0.3 West of Hwy 18

Inspector's Signature JMO

IDent# G0101

Co-Inspector's Signature

MAH

										Inspections Performed:				
* 6	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	2002	Year Built (332)	IT	NT	HRS	Date	Rep Type				
* 6	Deck Geometry (658)	N	Scour (680)	0	Year Rebuilt (336)	Y	24	1.0	10/20/2010	Routine				
5	Underclearance (659)	8	Approach Rdwy (681)	N	60	Oper Rating (551)				Fract Crit				
5	Operating Level (660)	5	Retaining Walls (682)	N	45	Inv Rating (554)				Underwater				
8	Alignment Adqcy (661)	9	Pier Protection (683)	A		Open Close (293)				Special				
9	Waterway Adqcy (662)	1	Bridge Rails (684)	9999		Vert Over Deck (360)				Interim				
5	6 Deck Overall (663)	1	Transition (685)	1704		Vert Under (374)				Equipment				
9	Drains Condition (664)	1	Guardrails (686)	H		Vert Und Code (378)				Damage				
7	6 Superstructure (671)	1	Terminals (687)			Asphalt Depth				Safety				
0	Number Utilities (675)	Y	Revise Rating (688)			Speed Limit				Short Span				
7	Substructure (676)		Photos Flag (691)							Total: 1.0				
9	Chan/Protection (677)		Soundings Flag (693)							Suff Rating: 98.00	97.20			
9	Culvert (678)		Measure Clearance (694)											

BMS Elements 52 to 404

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
52	Concrete Slab w/Coated Bars	4,278	SF	4,257	0	21	0
215	Concrete Abutment	124	LF	123	0	1	0
331	Concrete Bridge Railing	138	LF	138	0	0	0
404	Compression Seal / Concrete Header	124	LF	124	0	0	0

Notes 0 to 688

0 Orientation

The bridge is west to east. This bridge is one of three bridges labeled by plaque as "Charles A. Booth Bridge". The bridge is east of Auburn 13 and crosses over "A" Street.

52 Concrete Slab

Deck surface:

The deck diagonal cracks at ends and pattern cracking throughout span.

Pockets of mud ball voids scattered throughout.

Deck Soffit: There are leaching cracks on the soffit of the slab extending from the abutments towards the center of the span, some are full length. Transverse leaching crack in sidewalk overhang.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 12/8/2010
 Printed on: 12/17/2010

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN14 **Page 2 of 3** **Structure Type**
Bridge Name 3rd St SW **Route** 01080 **Intersecting** A ST SW
Structure ID 08719500 **MilePost** 1.03 **Location** 0.3 West of Hwy 18

Notes 0 to 688

215
 Concrete Abutment
 Both abutment walls have randomly spaced vertical cracks extending up from the ground line, middle cracks extend to the top.
 Luminaire at east abutment under bridge, west abutment luminaire has been removed.
 Map cracking throughout surface of restrainer towers.
 Shallow 2' x 2' spall on SE tower at deck overhang.

331
 Concrete Bridge Railing
 Vertical leaching cracks spaced throughout rail. Some corrosion staining of bridge rail.
 Spalling at top of north retaining wall rail at a joint west of bridge.

404
 Expansion Joints
 Both expansion joints have been paved over.

681
 Approach Roadway
 Differential settlement in approach fill causing spalls at the joints.

682
 Retaining Wall
 Concrete rail is not aligned at joint between curtain wall and retaining wall, typical all corners. At the first retaining wall joint SW of the bridge, rail height differential about 1" with a slight rotation.

688
 Revise Rating
 No Stamped Load Rating on file. Values entered are per HS-25 design standards.
 Traffic ADT counts are estimated.

Repairs to

Repair No	Pr	R	Repair Description	Date Noted	Verified
			(No repairs for this structure)		

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/20/2010	Y	24	1.0	JMO	G0101	MAH	

Sticky Notes

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date 12/8/2010
Printed on: 12/17/2010

Agency: AUBURN
Program Mgr: Grant D. Griffin

Bridge No. AUBURN14

Page 3 of 3

Structure Type

Bridge Name 3rd St SW

Route 01080

Intersecting A ST SW

Structure ID 08719500

MilePost 1.03

Location 0.3 West of Hwy 18

Creator	Created	Table Reference	Notes
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BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: Released

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN14

Page 1 of 3

Structure Type

Bridge Name 3RD ST SW

Route 01080

Intersecting A ST SW

Structure ID 08719500

MilePost 1.03

Location 0.3 MILES WEST OF HWY 10

Inspector's Signature *[Signature]* RPH Ident# D2000

Co-Inspector's Signature *[Signature]* ZZ

						Inspections Performed:				
						IT	NT	HRS	Date	Rep Type
6	5	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	2002	Year Built (332)				
6		Deck Geometry (658)	N	Scour (680)	0	Year Rebuilt (336)	Y	24	1.0	10/11/2012 Routine
5		Underclearance (659)	8	6 Approach Rdwy (681)	F 99	Oper Rating (551)				Fract Crit
5		Operating Level (660)	5	Retaining Walls (682)	F 67	Inv Rating (554)				Underwater
8		Alignment Adqcy (661)	9	Pier Protection (683)	A	Open Close (293)				Special
9		Waterway Adqcy (662)	1	Bridge Rails (684)	9999	Vert Over Deck (360)				Interim
6	5	Deck Overall (663)	1	Transition (685)	1704	Vert Under (374)				Equipment
9		Drains Condition (664)	1	Guardrails (686)	H	Vert Und Code (378)				Damage
6	5	Superstructure (671)	1	Terminals (687)		Asphalt Depth				Safety
0		Number Utilities (675)	N	Revise Rating (688)		Speed Limit				Short Span
7		Substructure (676)		Photos Flag (691)					Total: 1.0	
9		Chan/Protection (677)		Soundings Flag (693)						
9		Culvert (678)		Measure Clearance (694)					Suff Rating: 97.34	85.06

BMS Elements 52 to 404

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
52	Concrete Slab w/Coated Bars	4,278	SF	2,078	2,000	200	0
215	Concrete Abutment	124	LF	112	10	2	0
331	Concrete Bridge Railing	138	LF	138	0	0	0
404	Compression Seal / Concrete Header	124	LF	0	124	0	0

BRIDGE INSPECTION REPORT

	WO	CC	WE	PD
BAM				

Status: **Released**

Ver Date 1/3/2013
Printed on: 1/31/2013

Agency: AUBURN
Program Mgr: Grant D. Griffin

Bridge No.	AUBURN14	Page 2 of 3	Structure Type		
Bridge Name	3RD ST SW	Route	01080	Intersecting	A ST SW
Structure ID	08719500	MilePost	1.03	Location	0.3 MILES WEST OF HWY 10

Notes 0 to 695

0
ORIENTATION

See picture of interchange map. The bridge is west to east. This bridge is one of three bridges labeled by plaque as "Charles A. Booth Bridge". The bridge is east of Auburn 13 and crosses over "A" Street SW.

52
SLAB, CONCRETE

Surface: Diagonal cracks at corners and pattern/transverse cracking throughout. Mud ball voids scattered throughout. Tining worn smooth in wheel lines.

Soffit: Longitudinal and diagonal leaching cracks emit from walls. Transverse leaching crack in sidewalk overhang.

215
ABUTMENT, CONCRETE

Both abutment walls have randomly spaced vertical cracks extending up from the ground line, middle cracks extend to the top. Map cracking throughout surface of towers. Shallow 2' x 2' spall on SE tower at deck overhang.

331
RAIL, CONCRETE

Vertical leaching cracks spaced throughout rail. Some corrosion staining of bridge rail.

Spalling at top of north retaining wall rail at a joint west of bridge.

404
EXPANSION JOINTS, COMPRESSION SEAL

Both expansion joints have been paved over and tar seal is cracked.

681
APPROACH ROADWAY

Differential settlement in approach fill causing spalls at the joints. 1/2" settlement at east approach in WB lanes.

682
RETAINING WALL

Concrete rail is not aligned at joint between curtain wall and retaining wall, typical all corners. At the first retaining wall joint SW of the bridge, rail height differential about 1" with a slight rotation.

688
ADT Revised – 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.

695
MONITOR: Settlement in approaches and rails. Cracks in deck and soffit.

BRIDGE INSPECTION REPORT

WO CC WE PD
 BAM

Status: **Released**

Ver Date 1/3/2013
 Printed on: 1/31/2013

Agency: AUBURN
 Program Mgr: Grant D. Griffin

Bridge No. AUBURN14 **Page 3 of 3** **Structure Type**
Bridge Name 3RD ST SW **Route** 01080 **Intersecting** A ST SW
Structure ID 08719500 **MilePost** 1.03 **Location** 0.3 MILES WEST OF HWY 10

Repairs 10002 to 10001

Repair No	Pr	R	Repair Description	Date Noted	Verified
10002	1	B	DECK OVERLAY: Concrete deck has many transverse and diagonal cracks through to soffit. Shot blast clean the deck surface. Apply two-coat epoxy overlay with 6x10 aggregate.	10/24/2012	
10000	2	B	CONCRETE: SE Tower has shallow 2' x 2' spall. Patch spall.	10/24/2012	
10001	M	M	MONITOR: Settlement in approaches and rails. Cracking in deck surface and soffit.	10/24/2012	

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/11/2012	Y	24	1.0	RPH	D2000	ZZ	

Sticky Notes

Creator	Created	Table Reference	Notes

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN14

Page: 1/2

Structure Type

Bridge Name 3RD ST SW

Route 01080

Location 0.3 MILES WEST OF HWY 18

Structure ID 08719500

MilePost 1.03

Intersecting A ST SW

Inspector's Signature  JUN

IDent# B1180

Co-Inspector's Signature

TT

										Inspections Performed				
										IT	NT	HRS	Date	Rep Type
5	<input type="checkbox"/>	Structural Adqcy (657)	N	<input type="checkbox"/>	Pier/Abut/Protect (679)	2002	Year Built	(332)						
6	<input type="checkbox"/>	Deck Geometry (658)	N	<input type="checkbox"/>	Scour (680)	0	Year Rebuilt	(336)	Y	24	1.0	10/24/2014	Routine	
5	<input type="checkbox"/>	Underclearance (659)	5	<input type="checkbox"/>	Retaining Walls (682)	99	Oper Rating	(551)						Fract Crit
5	<input type="checkbox"/>	Operating Level (660)	9	<input type="checkbox"/>	Pier Protection (683)	67	Inv Rating	(554)						Underwater
8	<input type="checkbox"/>	Alignment Adqcy (661)	1	<input type="checkbox"/>	Bridge Rails (684)	A	Open Close	(293)						Special
9	<input type="checkbox"/>	WaterwayAdqcy (662)	1	<input type="checkbox"/>	Transition (685)	9999	Vert Over Deck	(360)						Interim
5	<input type="checkbox"/>	Deck Overall (663)	1	<input type="checkbox"/>	Guardrails (686)	1704	Vert Under	(374)						Equipment
9	<input type="checkbox"/>	Drains Condition (664)	1	<input type="checkbox"/>	Terminals (687)	H	Vert Und Code	(378)						Damage
5	<input type="checkbox"/>	Superstructure (671)	N	<input type="checkbox"/>	Revise Rating (688)		Asphalt Depth							Safety
0	<input type="checkbox"/>	Number Utilities (675)		<input type="checkbox"/>	Photos Flag (691)		Speed Limit							Short Span
7	<input type="checkbox"/>	Substructure (676)		<input type="checkbox"/>	Soundings Flag (693)									
9	<input type="checkbox"/>	Chan/Protection (677)		<input type="checkbox"/>	Measure Clearance (694)									
9	<input type="checkbox"/>	Culvert (678)												
										Total: 1.0				
										Suff Rating: 85.06		84.85		

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
52	Concrete Slab w/Coated Bars	4278	SF	2078	2000	200	0
215	Concrete Abutment	124	LF	112	10	2	0
331	Concrete Bridge Railing	138	LF	138	0	0	0
404	Compression Seal / Concrete Header	124	LF	0	124	0	0

Notes

0	<p>ORIENTATION</p> <p>See picture of interchange map. The bridge is west to east. This bridge is one of three bridges labeled by plaque as "Charles A. Booth Bridge". The bridge is east of Auburn 13 and crosses over "A" Street SW.</p>
52	<p>SLAB, CONCRETE</p> <p>Surface: Diagonal cracks at corners and pattern/transverse cracking throughout. Mud ball voids scattered throughout. Tining worn smooth in wheel lines.</p> <p>Soffit: Longitudinal and diagonal leaching cracks emit from walls. Transverse leaching crack in sidewalk overhang.</p>
215	<p>ABUTMENT, CONCRETE</p> <p>Both abutment walls have randomly spaced vertical cracks extending up from the ground line, middle cracks extend to the top. Map cracking throughout surface of towers. Shallow 2' x 2' spall on SE tower at deck overhang.</p>

BRIDGE INSPECTION REPORT

Ver Date: 12/18/2014

Agency: AUBURN

Status: Released

Printed On: 12/18/20

Program Mgr: Roman G. Peralta

Bridge No. AUBURN14

Page: 2/2

Structure Type

Bridge Name 3RD ST SW

Route 01080

Location 0.3 MILES WEST OF HWY 18

Structure ID 08719500

MilePost 1.03

Intersecting A ST SW

331	RAIL, CONCRETE Vertical leaching cracks spaced throughout rail. Some corrosion staining of bridge rail. Spalling at top of north retaining wall rail at a joint west of bridge.
404	EXPANSION JOINTS, COMPRESSION SEAL Both expansion joints have been paved over and tar seal is cracked. Cracks forming perpendicular to the joint line.
681	APPROACH ROADWAY Differential settlement in approach fill causing spalls at the joints. 1/2" settlement at east approach in WB lanes. Open cracks on East approach west bound lane.
682	RETAINING WALL Concrete rail is not aligned at joint between curtain wall and retaining wall, typical all corners. At the first retaining wall joint SW of the bridge, rail height differential about 1" with a slight rotation.
688	ADT Revised - 10/27/2011. Load Rating Summary Sheet posted under Letters/Load Ratings.
695	MONITOR: Settlement in approaches and rails. Cracks in deck and soffit.

Repairs

Repair No	Pr	R	Repair Description	Noted	Maint	Verified
10002	1	B		10/24/12		
10000	2	B		10/24/12		
10001	M	M		10/24/12		

Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/24/14		24	1.0	JNJ	B1180	TT	
Resources			Use Hour	Min	Req	Max		Notes

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Printed On: 1/12/2017

Agency: AUBURN

CD Guid: 98047e11-d346-48af-8a37-e6770a3891bb

CD Date: 12/20/2016

Program Mgr: Roman G. Peralta

Br. No. AUBURN14 SID 08719500

Br. Name 3RD ST SW

Carrying 3RD ST SW

Route On 01080 Mile Post 1.03

Intersecting A ST SW

Route Under Mile Post

Inspector's Signature *Ben Pal* BLR Cert # G1332 Cert Exp Date 5/12/2021

Co-Inspector's Signature *Zheny Zhou* ZZ

5	<input type="checkbox"/> Structural Eval (1657)	99	<input type="checkbox"/> Operating Tons (1552)	0	<input type="checkbox"/> No Utilities (2675)	Inspections Performed: <table border="1"> <thead> <tr> <th>Freq</th> <th>Hrs</th> <th>Date</th> <th>Rep Type</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1.0</td> <td>10/18/2016</td> <td>Routine</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Fract Crit</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UW</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Special</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Interim</td> </tr> <tr> <td></td> <td></td> <td></td> <td>UWI</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Damage</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Safety</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Short Span</td> </tr> <tr> <td></td> <td></td> <td></td> <td>In Depth</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Geometric</td> </tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/18/2016	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				Safety				Short Span				In Depth				Geometric
Freq	Hrs	Date	Rep Type																																																			
24	1.0	10/18/2016	Routine																																																			
			Fract Crit																																																			
			UW																																																			
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			Interim																																																			
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			Damage																																																			
			Safety																																																			
			Short Span																																																			
			In Depth																																																			
			Geometric																																																			
6	<input type="checkbox"/> Deck Geometry (1658)		<input type="checkbox"/> 3.15 Op RF (1553)	1	<input type="checkbox"/> Bridge Rails (1684)																																																	
5	<input type="checkbox"/> Underclearance (1659)	67	<input type="checkbox"/> Inventory Tons (1555)	1	<input type="checkbox"/> Transition (1685)																																																	
8	<input type="checkbox"/> Alignment (1661)		<input type="checkbox"/> 1.89 Inv RF (1556)	1	<input type="checkbox"/> Guardrails (1686)																																																	
5	<input type="checkbox"/> Deck Overall (1663)	5	<input type="checkbox"/> Operating Level (1660)	1	<input type="checkbox"/> Terminals (1687)																																																	
5	<input type="checkbox"/> Superstructure (1671)	A	<input type="checkbox"/> Open/Closed (1293)		<input type="checkbox"/> Asphalt Depth (2610)																																																	
7	<input type="checkbox"/> Substructure (1676)	9	<input type="checkbox"/> Waterway (1662)		<input type="checkbox"/> Des Curb Ht (2611)																																																	
9	<input type="checkbox"/> Culvert (1678)	N	<input type="checkbox"/> Scour (1680)		<input type="checkbox"/> Bridge Rail Ht (2612)																																																	
9	<input type="checkbox"/> Chan/Protection (1677)		<input type="checkbox"/> Soundings Flag (2693)	2002	<input type="checkbox"/> Year Built (1332)																																																	
N	<input type="checkbox"/> Pier/Abut/Prot (1679)	N	<input type="checkbox"/> Revise Rating (2688)	0	<input type="checkbox"/> Year Rebuilt (1336)																																																	
9	<input type="checkbox"/> Drain Cond (7664)		<input type="checkbox"/> Photos Flag (2691)	<input type="checkbox"/> Y	<input type="checkbox"/> Subj to NBIS (2614)																																																	
0	<input type="checkbox"/> Drain Status (7665)		<input type="checkbox"/> Measure Clrnc (2694)	Alpha Span Type: <input type="text" value="CS"/>																																																		
N	<input type="checkbox"/> Deck Scaling (7666)	9	<input type="checkbox"/> Sdwk Cond (7673)	<input type="text" value="Sufficiency Rating 84.85"/>																																																		
0	<input type="checkbox"/> Scaling Pct (7667)	9	<input type="checkbox"/> Paint Cond (7674)	<input type="text" value="Low Risk"/>																																																		
7	<input type="checkbox"/> Deck Rutting (7669)	6	<input type="checkbox"/> Approach Cond (7681)																																																			
7	<input type="checkbox"/> Exposed Rebar (7670)	5	<input type="checkbox"/> Retaining Wall (7682)																																																			
7	<input type="checkbox"/> Curb Cond (7672)	9	<input type="checkbox"/> Pier Prot (7683)																																																			

BMS Elements							
Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
52	Concrete Slab w/Coated Bars	4,278	SF	2,078	2,000	200	0
215	Concrete Abutment	124	LF	112	10	2	0
331	Concrete Bridge Railing	138	LF	138	0	0	0
404	Compression Seal / Concrete Header	124	LF	0	124	0	0

Notes	
0	ORIENTATION The bridge is west to east. This bridge is one of three bridges labeled by plaque as "Charles A. Booth Bridge". The bridge is east of Auburn 13 and crosses over "A" Street SW.
52	SLAB, CONCRETE Surface: Diagonal cracks at corners and pattern/transverse cracking throughout. Mud ball voids scattered throughout. Tining worn smooth in wheel lines. Soffit: Longitudinal and diagonal leaching cracks emit from walls. Transverse leaching crack in sidewalk overhang.
215	ABUTMENT, CONCRETE Both abutment walls have randomly spaced vertical cracks extending up from the ground line, middle cracks extend to the top. Map cracking throughout surface of towers. Shallow 2' x 2' spall on SE tower at deck overhang.
331	RAIL, CONCRETE Vertical leaching cracks spaced throughout rail. Some corrosion staining of bridge rail. Spalling at top of north retaining wall rail at a joint west of bridge.

BRIDGE INSPECTION REPORT

BAM

WO	CC	WE	PD

Status: Released

Printed On: 1/12/2017

Agency: AUBURN

CD Guid: 98047e11-d346-48af-8a37-e6770a3891bb

CD Date: 12/20/2016

Program Mgr: Roman G. Peralta

Br. No. AUBURN14 **SID** 08719500

Br. Name 3RD ST SW

Carrying 3RD ST SW

Route On 01080

Mile Post 1.03

Intersecting A ST SW

Route Under

Mile Post

Notes (Continued)	
404	EXPANSION JOINTS, COMPRESSION SEAL Both expansion joints have been paved over and tar seal is cracked. Cracks forming perpendicular to the joint line.
7681	APPROACH ROADWAY Differential settlement in approach fill causing spalls at the joints. 1/2" settlement at east approach in WB lanes. Open cracks on East approach west bound lane.
7682	RETAINING WALL Concrete rail is not aligned at joint between curtain wall and retaining wall, typical all corners. At the first retaining wall joint SW of the bridge, rail height differential about 1" with a slight rotation.

Repairs						
Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
10000	2	B	CONCRETE: SE Tower has shallow 2' x 2' spall. Patch spall.	10/24/2012		
10001	M	M	MONITOR: Settlement in approaches and rails. Cracking in deck surface and soffit.	10/24/2012		
10002	1	B	DECK OVERLAY: Concrete deck has many transverse and diagonal cracks through to soffit. Shot blast clean the deck surface. Apply two-coat epoxy overlay with 6x10 aggregate.	10/24/2012		

Inspections Performed and Resources Required							
Report Type	Date	Frq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/18/2016	24	1.0	BLR	G1332	ZZ	

BRIDGE INSPECTION REPORT

Status: Released

Printed On: 3/1/2019

Agency: AUBURN

CD Guid: 6e788fd9-cda1-4d59-ba02-836a88557213

Release Date: 2/20/2019

Program Mgr: Roman G. Peralta

Br. No. AUBURN14

SID 08719500

Br. Name 3RD ST SW

Carrying 3RD ST SW

Route On 01080

Mile Post 1.03

Intersecting A ST SW

Route Under

Mile Post

[Handwritten Signature]
Inspector's Signature MAG

Cert # G1103 Cert Exp Date 5/12/2021

[Handwritten Signature]
Co-Inspector's Signature HP

5	<input type="checkbox"/>	Structural Eval (1657)	99	<input type="checkbox"/>	Operating Tons (1552)	0	<input type="checkbox"/>	No Utilities (2675)	Inspections Performed: <table border="1"> <thead> <tr> <th>Freq</th><th>Hrs</th><th>Date</th><th>Rep Type</th></tr> </thead> <tbody> <tr> <td>24</td><td>1.0</td><td>10/11/2018</td><td>Routine</td></tr> <tr><td></td><td></td><td></td><td>Fract Crit</td></tr> <tr><td></td><td></td><td></td><td>UW</td></tr> <tr><td></td><td></td><td></td><td>Special</td></tr> <tr><td></td><td></td><td></td><td>Interim</td></tr> <tr><td></td><td></td><td></td><td>UWI</td></tr> <tr><td></td><td></td><td></td><td>Damage</td></tr> <tr><td></td><td></td><td></td><td>PRM Safety</td></tr> <tr><td></td><td></td><td></td><td>SEC Safety</td></tr> <tr><td></td><td></td><td></td><td>Condition</td></tr> <tr><td></td><td></td><td></td><td>Short Span</td></tr> <tr><td></td><td></td><td></td><td>In Depth</td></tr> <tr><td></td><td></td><td></td><td>Geometric</td></tr> </tbody> </table>	Freq	Hrs	Date	Rep Type	24	1.0	10/11/2018	Routine				Fract Crit				UW				Special				Interim				UWI				Damage				PRM Safety				SEC Safety				Condition				Short Span				In Depth				Geometric
Freq	Hrs	Date	Rep Type																																																														
24	1.0	10/11/2018	Routine																																																														
			Fract Crit																																																														
			UW																																																														
			Special																																																														
			Interim																																																														
			UWI																																																														
			Damage																																																														
			PRM Safety																																																														
			SEC Safety																																																														
			Condition																																																														
			Short Span																																																														
			In Depth																																																														
			Geometric																																																														
6	<input type="checkbox"/>	Deck Geometry (1658)	3.15	<input type="checkbox"/>	Op RF (1553)	1	<input type="checkbox"/>	Bridge Rails (1684)																																																									
5	<input type="checkbox"/>	Underclearance (1659)	67	<input type="checkbox"/>	68 Inventory Tons (1555)	1	<input type="checkbox"/>	Transition (1685)																																																									
8	<input type="checkbox"/>	Alignment (1661)	1.89	<input type="checkbox"/>	Inv RF (1556)	1	<input type="checkbox"/>	Guardrails (1686)																																																									
5	<input type="checkbox"/>	Deck Overall (1663)	5	<input type="checkbox"/>	Operating Level (1660)	1	<input type="checkbox"/>	Terminals (1687)																																																									
5	<input type="checkbox"/>	Superstructure (1671)	A	<input type="checkbox"/>	Open/Closed (1293)		<input type="checkbox"/>	Asphalt Depth (2610)																																																									
7	<input type="checkbox"/>	6 Substructure (1676)	9	<input type="checkbox"/>	Waterway (1662)		<input type="checkbox"/>	Design Curb Ht (2611)																																																									
9	<input type="checkbox"/>	Culvert (1678)	N	<input type="checkbox"/>	Scour (1680)		<input type="checkbox"/>	33.0 Bridge Rail Ht (2612)																																																									
9	<input type="checkbox"/>	Chan/Protection (1677)		<input type="checkbox"/>	Soundings Flag (2693)	2002	<input type="checkbox"/>	Year Built (1332)																																																									
N	<input type="checkbox"/>	Pier/Abut/Prot (1679)	N	<input type="checkbox"/>	Revise Rating (2688)	0	<input type="checkbox"/>	Year Rebuilt (1336)																																																									
9	<input type="checkbox"/>	Drain Cond (7664)		<input type="checkbox"/>	Photos Flag (2691)	Y	<input type="checkbox"/>	Subj to NBIS (2614)																																																									
0	<input type="checkbox"/>	Drain Status (7665)		<input type="checkbox"/>	Measure Clrnc (2694)	Alpha Span Type: <input type="text" value="CS"/>																																																											
N	<input type="checkbox"/>	Deck Scaling (7666)	9	<input type="checkbox"/>	Sdwb Cond (7673)	Sufficiency Rating 84.57																																																											
0	<input type="checkbox"/>	Scaling Pct (7667)	9	<input type="checkbox"/>	Paint Cond (7674)	<input type="text" value="Low Risk"/>																																																											
7	<input type="checkbox"/>	Deck Rutting (7669)	6	<input type="checkbox"/>	Approach Cond (7681)																																																												
7	<input type="checkbox"/>	Exposed Rebar (7670)	5	<input type="checkbox"/>	Retaining Wall (7682)																																																												
7	<input type="checkbox"/>	Curb Cond (7672)	9	<input type="checkbox"/>	Pier Prot (7683)																																																												

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
13	Bridge Deck Surface	4,278	SF	4,228	0	50	0
52	Concrete Slab w/Coated Bars	4,278	SF	4,078	0	200	0
215	Concrete Abutment	147	LF	145	0	2	0
331	Concrete Bridge Railing	138	LF	138	0	0	0
404	Compression Seal / Concrete Header	125	LF	0	125	0	0

Notes

0	ORIENTATION: The bridge is west to east. Abutment 1 is west. This bridge is one of three bridges labeled by plaque as "Charles A. Booth Bridge". The bridge is east of Auburn 13 and crosses over "A" Street SW.
11	LOAD RATING: Controlling Point - Flexure. Load rating summary is on file.
13	BRIDGE DECK SURFACE: Diagonal cracks at corners and pattern/transverse cracking throughout. Mud ball voids scattered throughout. Tining worn smooth in wheel lines.

BRIDGE INSPECTION REPORT

Status: Released
 CD Guid: 6e788fd9-cda1-4d59-ba02-836a88557213

Printed On: 3/1/2019
 Release Date: 2/20/2019

Agency: AUBURN
 Program Mgr: Roman G. Peralta

Br. No. AUBURN14	SID 08719500	Br. Name 3RD ST SW	Route On 01080	Mile Post 1.03
Carrying 3RD ST SW			Route Under	Mile Post
Intersecting A ST SW				

Notes (Continued)

52	CONCRETE SLAB:	Soffit: Longitudinal and diagonal leaching cracks emit from walls. Transverse leaching cracks in overhang near abutments.
215	CONCRETE ABUTMENT:	Both abutment walls have randomly spaced narrow vertical cracks, four cracks on abutment 1, five cracks on abutment 2. The cracks extend up from the ground line with the middle cracks extending to the top. Map cracking throughout surface of towers. Shallow 2' x 2' spall on SE tower at deck overhang.
331	CONCRETE RAIL:	Vertical leaching cracks spaced throughout rail. Some corrosion staining on bridge rail. Spalling at top of north retaining wall rail at a joint west of bridge.
404	EXPANSION JOINTS, COMPRESSION SEAL:	Both expansion joints have been paved over with tar seal, tar is cracked.
1663	DECK CONDITION:	Deck is coded as fair condition due to diagonal cracks at corners of deck surface.
1671	SUPERSTRUCTURE CONDITION:	Superstructure is coded as fair condition due to diagonal leaching cracks in soffit of superstructure near abutments.
7681	APPROACH ROADWAY:	Differential settlement in approach fill causing spalls at the joints. Sealed cracks at both approaches. East approach - 1/2" settlement. West approach - Settlement pocket at SW corner.
7682	RETAINING WALL:	Concrete rail is not aligned at joint between curtain wall and retaining wall, typical all corners. At the first retaining wall joint SW of the bridge, rail height differential about 1" with a slight rotation.

Repairs

Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
10001	M	M	MONITOR: Settlement differential noted at approaches and rails. Cracking in deck surface and soffit.	10/24/2012		
10002	1	B	DECK OVERLAY: (Revised 2018) Concrete deck has many transverse and diagonal cracks through to soffit. Shot blast clean the deck surface. Apply two-coat epoxy overlay.	10/24/2012		

Inspections Performed and Resources Required

Report Type	Date	Freq	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/11/2018	24	1.0	MAG	G1103	HP	