

STATE OF OHIO DEPARTMENT OF TRANSPORTATION BRIDGE INSPECTION REPORT

Structure File Number: 2801744

Inventory Bridge Number: GEA 00422 09.860 R

USR422 over LA DUE RES. 0.71 MI E 44

Inspection Type: Routine and Underwater

Inspection Date: 08/26/2014

District: 12 County: GEAUGA

Place Code (FIPS): AUBURN TWP

Bridge Type: STEEL Type of Service: HIGHWAY Owner: OHIO STATE TRANSPORTATION DEPARTMENT Inspection Responsibility: OHIO STATE TRANSPORTATION DEPARTMENT Maintenance Responsibility: OHIO STATE TRANSPORTATION DEPARTMENT Lead Inspector: Sutak, Mike Reviewed By: Seif, Youssef

	STA	TE OF OHIO		NT OF TRAN	ISPORTATION
	•		PPROACH IN		
Structure File Number	r: 2801744 I	Inventory Bridge Nu			idge Type: 3 - STEEL/2 - BEAM/2 - CONTINUOUS
Sufficiency Rating	j: 99.3	Date	e Built: 7/1/1960		
District: 12 Place Cod	le (FIPS): AUBURN	TWP	USR422 over LA DUI	E RES. 0.71 MI E 44	Type of Service on: HIGHWAY
APPROACH					
(c6) Approach Su	mmary:	6			Recommended: 7
c1. Approach Wea	aring Surface (F	ΞΔ)			
		-			
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
2	1.8	0.2			1.14
CRACKS. ASPHALT F	PATCHES.				
c2. Approach Slal	os (SF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0	1425	380	95	0	1.80
FULL WIDTH CRACK WEST.	S AT FORWARD. N	/INOR SPALLS AT	TOP OF BACKWA	LL. BOUNCE ONT	O BRIDGE FROM
c4. Embankment	(EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
4	4				1.00
c5. Guardrail (EA)					
			_	_	
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	3	1	0	0	1.33
MINOR COLLISION D	AMAGE TO REAR	-LEFT.			

STATE OF OHIO DEPARTMENT OF TRANSPORTATION APPROACH INSPECTION PHOTOS

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Date Built: 7/1/1960

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District: 12 Place Code	e (FIPS): AUBURN	TWP	USR422 over LA DUE	E RES. 0.71 MI E 4	4 Type of Service on: HIGHWAY
DECK					
(58) NBIS Deck Su	mmary:	7			Recommended: 9
c7.1 Floor/Slab (Sl	F)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
9093.26	8638.6	454.7			1.07
A FEW TRANSVERSE	CRACKS. AREAS	OF MAP CRACKS	5. FLOOR IS <1% [DETERIORATED.	
c7.2 Edge of Floor	/Slab (LF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
440	440	0	0	0	
c8. Wearing Surfac	ce (SF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
8360	7942	418			1.07
CRACKS. WS IS <1%	DETERIORATED.				
c11. Railing (LF)					
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
440	352	88			1.27
VERTICAL CRACKS.	COLLISION SPALL	AND DELAMINAT	IONS ON LEFT RA	IL. OTHER SHAL	LOW SPALLS.
c12. Drainage (EA))				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	2	0	0	0	1.00
DEBRIS WITH VEGET	ATION IN RIGHT	BERM.			
c13. Expansion Jo	oint (LF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	0	41	41	0	3.00
DECK SIDE OF REAR ARMOR IS GOUGED / POPPED AT FORWAR	AND CRACKED W	ITH 6" OF MISSING	G ARMOR. LEAKIN		RWARD BACKWALL OXIMATELY 32" OF SEAL

STATE OF OHIO DEPARTMENT OF TRANSPORTATION DECK INSPECTION PHOTOS

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Sufficiency Rating	g: 99.3	Date	e Built: 7/1/1960		
District: 12 Place Coo	de (FIPS): AUBURN	TWP	USR422 over LA DUI	E RES. 0.71 MI E 44	Type of Service on: HIGHWAY
SUPERSTRUC	TURE				
(59) NBIS Supers	tructure Summa	ary: 6			Recommended: 7
c14. Alignment (E	EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
4	4				1.00
c15.1 Beams/Girc	lers (LF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	858	462	0	0	1.45
RUSTED SECTION L		-	XTERIOR OF FASO	CIA BEAMS.	
c16. Diaphragm/C	Cross Frames (E	EA)			
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	90	5	5	0	1.68
ENDFRAME RUSTED ABUTMENTS (BEAM				S TO ENDFRAMES	AT BOTH
c26. Bearing Dev	ices (EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	18	12	0	0	1.50
RUSTED SECTION L	.OSS.				
c30. Protective C	oating System (LF)			
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	0	1267.2	39.6	13.2	2.33
FADED PAINT. 2% R	UST. PCS IS 1-5%	DETERIORATED.			
c32. Fatigue (LF)					
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	1320	0	0	0	1.00
WELDED MOMENT F	PLATES AT PIERS.				

STATE OF OHIO DEPARTMENT OF TRANSPORTATION SUPERSTRUCTURE INSPECTION PHOTOS

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Date Built: 7/1/1960

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Sufficiency Rating			e Built: 7/1/1960		
District: 12 Place Coo	-	TWP	USR422 over LA DUE	E RES. 0.71 MI E 4	4 Type of Service on: HIGHWAY
SUBSTRUCTU	IDE				
(60) NBIS Substru		<u>/:</u> 6			Recommended: 7
c33. Abutment W	alls (LF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
82.67	66.2	12.4	4.1		1.76
LEACHING CRACKS AT FORWARD LEFT.			INATIONS AND SP	ALLS. SPALLS V	VITH EXPOSED REBAR
c35. Abutment Co	olumns/Bents (B	EA)			
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	NaN	0	0	0	
c34. Abutment Ca	aps (LF)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
82.67	NaN	0	0	0	
c38. Pier Column	s/Bents (EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	10.8	1.2	0	0	1.14
RUSTING SECTION	LOSS OF STEEL A	ND SCALING OF C	ONCRETE AT WAT	FERLINE.	
c36. Pier Walls (L	F)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
124.00	NaN	0	0	0	
c37. Pier Caps (L	F)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
124.00	124.00				1.00
CRACKS.					
c39. Backwalls (L	.F)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
Inspection Date: (08/26/2014		Page 5		Reviewed Date: 10/16/2014

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SUBSTRUCTURE INSPECTION						
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Sufficiency Rating: 99.3	Date Built: 7/1/1960					
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SUBSTRUCTURE

82.67	82.67				1.00
MINOR CRACKS.					
c40. Wingwalls (E	A)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	4	0	0	0	1.00
c42. Scour (EA)					
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
5	5				1.00
DIVE INSPECTION B	Y GPI IN 2014.				
c43. Slope Protec	tion (EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	1.9	0.1	0	0	1.07

REAR RIGHT ABUTMENT CORNER HAS MINOR FOOTING EXPOSURE.

STATE OF OHIO DEPARTMENT OF TRANSPORTATION SUBSTRUCTURE INSPECTION PHOTOS

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STATE OF OHIO DEPARTMENT OF TRANSPORTATION						
CHANNEL INSPECTION						
Inventory Bridge Number: GEA 00422 09.860 R	Bridge Type: 3 - STEEL/2 - BEAM/2 - CONTINUOUS					
Date Built: 7/1/1960						
IRN TWP USR422 over LA DUE RES. 0.71 M	II E 44 Type of Service on: HIGHWAY					
	CHANNEL INSPECTION Inventory Bridge Number: GEA 00422 09.860 R Date Built: 7/1/1960					

CHANNEL

(61) NBIS Channel	Summary:	8			Recommended:
c51. Alignment (LF	-)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
200.00	200.00				1.00
c52. Protection (LF	F)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
200.00	200.00				1.00
c53. Hydraulic Ope	ening (EA)				
Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
1	1				1.00
WATER DEPTH AT NO	ORTH END OF PIE	R 2 = 11.5'.			

REFERENCE POINT WAS TOP OF PIER 2 CAP ON GEA-422- 0986L TO WATER SURFACE = 6.1'.

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STATE OF OHIO DEPARTMENT OF TRANSPORTATION CHANNEL INSPECTION PHOTOS

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STATE OF OHIO DEPARTMENT OF TRANSPORTATION SIGNS/UTILITIES INSPECTION

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SIGNS/UTILITIES

(41) Open, Posted or Closed: A

c55. Signs (EA)

Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	2	0	0	0	1.00

c56. Sign Supports (EA)

Total Quantity	State 1	State 2	State 3	State 4	Transition Rating
0.00	NaN	0	0	0	

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REVIEW

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