Inspector: Fowler,Michael
Inspection Date: 08/13/2025

Structure Number: 7904320
Facility Carried: SR 212

Ohio Bridge Inspection Summary Report

TUS-00212-0951 _(7904320)

B.L.04: District	District 1170443 - SANDY TWP (TUS county)	
B.CL.02: Major Maint	01 - State Highway Agency	/
225 Routine Main A/B	01 - State Highway Agency	/
221 Inspection A/B	01 - State Highway Agency	/

Condition

B.C.01: Deck	**4**
58.01: Wearing Surface	6
B.C.08: Joint	**N**
B.C.02: Superstructure	**4**
59.01: Paint & PCS	N
B.C.03: Substructure	**5**
B.C.09: Channel	**7**
B.C.11: Scour	**7**
B.C.10: Channel Prot.	**7**
B.C.05: Bridge Railing	**6**
B.C.06: Transitions	**7**
B.C.07: Bearings	**6**
B.C.04: Culverts	**N**
Ohio GA	**4**

Appraisal

B.AP.03: Scour Vul.	0 - Scour appraisal has not been completed.

Geometric

48: Max Span Length (ft)	45.0
49: Structure Length (ft)	215.0
52: Deck Width, Out-To-Out (ft)	32.0
424: Deck Area (sf)	6880
32: Appr Roadway Width (ft)	24.0
51: Road Width, Curb-Curb (ft)	23.7
50A: Curb/SW Width: Left (ft)	0
50A: Curb/SW Width: Right (ft)	0
34: Skew (deg)	0
33: Bridge Median	0 - No median
54B: Min Vert Underclearance (ft)	0
336A: Min Vert Clrnce IR Cardinal (ft)	99
336B: Min V Clr IR Non-Cardinal (ft)	0
578: Culvert Length (ft)	0

Load Posting

41: Op/Post/Closed	A - Open
70: Posting	5 - Equal to or above legal loads
70.01: Date	
70.02: Sign Type	
734: Percent Legal (%)	145
704: Analysis Date	03/17/2017
63: Analysis Method	6 - Load Factor (LF) rating reported by rating factor (RF) method using MS18 loading.

5A: Inventory Route	1 00212
7: Facility On	SR 212
6: Feature Ints	CONOTTON CREEK
9: Location	0.02 MI. E. OF JCT. SR800
Lat, Lon	40.582889 ,-81.386739

Structure Type

43: Bridge Type	2 - Concrete continuous 01 - Slab N- Not Applicable
45: Spans Main / Approach	5 / 0
107: Deck Type	1 - Concrete Cast-in-Place
408: Composite Deck	N - Non-composite Construction
414A Joint Type 1	N - None
414B: Joint Type 2	N - None
108A: Wearing Surface	6 - Bituminous N - Not Applicable
422: WS Date	
423: WS Thick (in)	4.25
482: Protective Coating	N - None or Not Applicable
483: PCS Date	01/01/2022
453: Bearing Type 1	3 - Sliding (Bronze)
455: Bearing Type 2	N - None
528: Foundn: Abut Fwd	A - Cast-in-Place Reinforced Concrete Piles (12" diameter)
533: Foundn: Abut Rear	A - Cast-in-Place Reinforced Concrete Piles (12" diameter)
536: Foundn: Pier 1	2 - Cast-in-Place Reinforced Concrete Piles (Other diameter)
539: Foundn: Pier 2	5 - Timber Piles

Age and Service

27: Year Built/ 106 Rehab	1948 / 0000
42A: Service On	5 - Highway-pedestrian
42B: Service Under	5 - Waterway
28A: Lanes on	02
28B: Lanes Under	00
19: Bypass Length	36
29: ADT	2731
109: % Trucks (%)	7

Inspections

		Months	
B.IE.03 Routine Insp.		12	08/13/2025
B.IE.03: NSTM Insp.	N		
B.IE.03: UW Insp.	N		
B.IE.03: Special Insp.			
UBIT Insp.	N	0	
Drone Insp.	N	0	

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	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
38-Reinforced Concrete Slab	3 - Mod.	6880	sq. ft.	5825	44	567	444
	CS3- ALL SPANS,(215 SF) ON LT AND RT EDGE WITH ACTIVELY LEAKING CRACKS WITH STALACTITES (430 SF TOTAL). CS4 - (3SF.) SPALL 360 DEGREE REINFORCEMENT & SOME MINOR SECTION LOSS ON RT. FWD DECK EDGE. CS4 - (6SF.) SPALL W/360 DEGREE RE-BAR SHOWING W/SOME SECTION LOSS ON LT./FWD DECK EDGE. SPAN 1: CS4- 24 SF SPALLED AREA WITH 2 LONGITUDINAL BARS WITH SEVERE SECTION LOSS AT MIDSPAN. CS3 - 64 SF OF SPALLING ALONG THE CENTERLINE FULL SPAN LENGTH FOR A 2-FOOT WIDTH WITH AREAS OF EXPOSED AND CORRODED REINFORCING STEEL WITH MINOR SECTION LOSS. SPAN 2: CS4- 192 SF SPALL WITH 15 LONGITUDINAL REBAR EXPOSED SOME 360 DEGREES AND OTHERS WITH SEVERE SECTION LOSS. THERE IS A 4' BY 7' AREA AT THE REAR OF THE SPALL WITH THE 2ND MAT OF REBAR EXPOSED. CS3- 40 SF OF CR. AND DELAM. AREA WITH RUST STAINS ON FWD SIDE OF SPALLED AREA AT CL OF SLAB. 2 SF SMALL SPALL AROUND A SCUPPER. CS2- 10 SF CR. AND DELAM. AREAR RT OF CL NEAR PIER 2. SPAN 3: CS3 - 25 SF OF DELAMINATIONS ALONG THE CENTERLINE FOR A 1-FOOT WIDTH FOR 50% OF THE SPAN LENGTH (REAR END). CS3- 6 SF SPALL AROUND SCUPPER ON LT.TOWARDS PIERS MIDSPAN. CS4 - 25 SF OF SPALLING ALONG THE CENTERLINE FOR A 1-FOOT WIDTH ALONG 50% OF THE SPAN LENGTH (FWD END) WITH EXPOSED AND CORRODED LONGITUDINAL REINFORCING STEEL WITH HEAVY SECTION LOSS, WITH 2 EXPOSED SPLICES. SPAN 4: CS2 - (8SF.) DELAM LT. OF MIDSPAN. CS4 - 90 SF SPALLING ALONG THE CENTERLINE FOR A 2-FOOT WIDTH FULL SPAN LENGTH WITH EXPOSED AND CORRODED LONGITUDINAL REINFORCING STEEL SOME WITH 360 DEGREE EXPOSURE AND OTHERS WITH SEVERE SECTION LOSS. SPAN 5: CS4- 90 SF OF SPALLING WITH 4 LONGITUDINAL BARS EXPOSED AND DELAM AREAS WITH HEAVY RUST STAINS STARTING AT PCAP #4 AND EXTENDING 30' TOWARDS FWD ABUT. 4 SF SPALL AT CL APPROXIMATELY 10 ' FROM FWD ABUT.4 SF OF SPALLS AROUND RT SCUPPER. 6 SF OF SPALLS AT RT FWD CORNER OF SLAB. CS2- 26 SF OF CR. AND DELAM. FROM THE SPALL TO THE FWD ABUT.						
510-Wearing Surfaces		5715	sq. ft.	5611	100	4	0
	CS3- THERE IS A 2-FOOT BY 2-FOOT POTHOLE IN THE WESTBOUND LANE OVER PIER 1 THAT HAS BEEN DURAPATCHED. CS2- MINOR LONGITUDINAL CRACKING IN SPAN 4, EASTBOUND LANE FOR 30-FOOT LENGTH. TRANSVERSE AND SHORT LONGITUDINAL CRACKS THROUGHOUT (70 SF).						
205-Reinforced Concrete Column	3 - Mod.	8	each	7	0	1	0
	CS-3-(1EA.) 4` VERT. CR. ON LT. SIDE PIER #1, COLUMN #1. * TREES & DEBRIS BUILD UP ON LT SIDE OF PIER 1, COL. 1.						

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	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
215-Reinforced Concrete Abutment	3 - Mod.	74	ft.	48	12	12	2
	REAR: CS4- 2 LF SPALL AT LT REAR CORNER WITH 360 DEGREE REBAR EXPOSURE. CS3- 4 LF HORIZONTAL CRACK WITH HEAVY EFFLO LOCATED NEAR RT CORNER. CS2- 12 LF HORIZONTAL CRACK LT OF CENTER W/DELAM. FWD: CS3- 8 LF OF HORIZONTAL CR. FROM CL TO THE RT. W/SOME RUST STAINS.						
234-Reinforced Concrete Pier Cap	3 - Mod.	128	ft.	114	1	12	1
	CS3- (10LF) DARK SATURATED AND SPALLED AREAS AT ENDS OF PIER CAPS AT PIER # 1 L/R, PIER # 3 L, PIER # 4 L/R WITH EFFLORESCENT SEEPAGE @ 2LF PER CAP END. PIER #2 HAS A 1 LF VERTICAL CRACK WITH EFFLO ON THE REAR FACE AT MIDSPAN. CS4 - (1LF.) SPALL W/HONEYCOMB UNDER LT. FACE. PIER #2 CS3 - (1LF.) HEAVY EFF. LT. END , DUE TO THICKNESS OF EFF. CAN`T CONFIRM A VERT. CR. PIER #4 CS2 - (1LF.) VERT. CR. NEAR MIDSPAN.						
316-Other Bearing	3 - Mod.	18	each	17	0	0	1
	18 SLIDING BRONZE BEARINGS: CS4- 1 BRONZE PLATE SLID OUT 2" AT FWD ABUTMENT AT BEARING # 3.						
321-Reinforced Concrete Approach Slab	3 - Mod.	720	sq. ft.	675	0	45	0
	CS3- (22 SF) OF POTHOLE FILLED W/ DURAPATCH AT REAR AND FWD DECK JOINT (44 SF TOTAL). CS3 - (1SF.) SPALL IN ASPHALT WESTBOUND LANE ON W/LINE.						
331-Reinforced Concrete Bridge Railing	3 - Mod.	430	ft.	199	230	1	0
	RAILING IS 39.5 INCHES HIGH. CS2- (215LF.) VERT. CR. SPACED EVERY 2`. CS2 - (15LF.) HORZ. CR. AT RT. FWD RAILING. CS3 - (1LF.) MAP CR. W/DELAM AT LT. REAR JNT.						
815-Drainage	3 - Mod.	24	each	0	0	24	0
	CS3 - (24EA.) SCUPPER DRAINS ALL ARE WORKING , BUT THE LAST 6" HAVE LAMINAR SHEETING W/PACK RUST & SOME EXTENSIONS ARE RUSTED COMPLETLY OFF, CAUSING SPALLING IN DECK AROUND THE SCUPPERS.						
840-Approach Slab: Termination or Joint	3 - Mod.	52	ft.	14	38	0	0
	REAR: CS2- 26 LF OF TRANSVERSE CRACK THE FULL WIDTH. FWD: CS2- 12 LF OF TRANSVERSE CRACK.						

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ODOT District: District 11 Date Built: 07/01/1948

Major Maint: 01 - State Highway Agency Facility Carried: SR 212 Traffic On: 5 - Highway-pedestrian Rehab Date:

Routine Maint: 01 - State Highway Agency Feature Inters: CONOTTON CREEK Traffic Under: 5 - Waterway Insp. Resp A: 01 - State Highway Agency

FIPS Code: 70443 - SANDY TWP (TUS county) Location: DISTRICT 11 0.02 MI. E. OF JCT. SR800 Insp Resp B:

Inspector Fowler,Michael Inspection Date 08/13/2025 Reviewer Trivoli,Raymond

Inspector Comments - Deck and Approach

Deck, Wearing Surface, Joints, Railing

Approach

Approach Wearing Surface (EA)

2023: Transverse cracks at the joints and longitudinal cracks along the centerline.

2022: NEW ASPHALT 17. TRANSVERSE CRACK @ JOINTS.

Approach Guardrail (EA)

2025: FWD/LT. HAS MINOR COLLISION DAMAGE , ALL OTHER RAIL IN GOOD CONDITION.

Signs (EA)

No object markers present.

Inspector Comments - General Appraisal

Superstructure, Bearings

Substructure

Substructure Scour (EA)

PROBED 19, 2020. HIGH WATER IN 2021, 2022, AND 24.

2025: PROBED , LT. SIDE OF PIER #3 HAS A 5` SCOUR HOLE IN THE FRONT , W/NO FOOTING OR PILING`S VISIBLE.

Slope Protection (EA)

2023: Large diameter rip rap at each abutment.

2022: SLAG LEFT, MOST WASHED AWAY, MINOR EROSION. TREES GROWING ON SLOPES.

2025: NO CHANGE.

Culvert

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Inspector Comments - Waterway

Channel Protection

Channel

2023: Channel flows north to south. Banks are moderately vegetated and appear stable.

2025: SOME TREE`S AND DEBRIS BUILT UP AROUND PIER#1, COLUMN#1.

Scour

SCOUR (EA)

2025:PROBED,PIER #3 LT. HAS A 5` LOCAL SCOUR HOLE.