

Ohio Bridge Inspection Summary Report

FRA-WILLI-0006 (2560097)

2: District 06 18000 - COLUMBUS (DEL & FRA county)
 21: Major Maint A/B 27 - Railroad /
 225 Routine Main A/B 27 - Railroad /
 221 Inspection A/B 27 - Railroad /04
 220: Inv. Location CITY OF COLUMBUS

5A: Inventory Route 2 WILLI
 7: Facility On CSX RAILROAD
 6: Feature Ints (O) Williams Road
 9: Location W/ GROVEPORT
 Lat, Lon 39.890231 , -82.961519

Condition

58: Deck **5 - Fair Condition**
 58.01 Wearing Surface N - Not Applicable
 58.02 Joint N- Not Applicable
59: Superstructure **5 - Fair Condition**
 59.01 Paint & PCS 2 - Critical PCS (30-40% corr.)
60: Substructure **3 - Serious Condition**
61: Channel **N**
 61.01 Scour **N - Not Applicable**
62: Culverts **N - Not Applicable**
67.01 GA **3**

Structure Type

43: Bridge Type 3 - Steel
 02 - Stringer/Multi-beam or Girder
 N- Not Applicable
 45: Spans Main / Approach 1 / 0
 107: Deck Type 5 - Steel Plate (includes orthotropic)
 408: Composite Deck X - Not Applicable
 414A Joint Type 1 N - None
 414B: Joint Type 2 N - None
 108A: Wearing Surface N - NA
 N- Not Applicable

Appraisal

Sufficiency Rating 36.0 SD/FO 1 - SD
 36: Rail, Tr, Gd, Term Std N N N N
 72: Approach Alignment 4 - Meets minimum tolerable limits to be left in place as is
 113: Scour Critical N - Not over waterway
 71: Waterway Adequacy N - Not Applicable

422: WS Date
 423: WS Thick (in) 0.0
 482: Protective Coating U - Unknown Sealant
 483: PCS Date 01/01/2027
 453: Bearing Type 1 3 - Sliding (Bronze)
 455: Bearing Type 2 N - None
 528: Foundn: Abut Fwd 4 - Spread Footing
 533: Foundn: Abut Rear 4 - Spread Footing
 536: Foundn: Pier 1 N - None (Such as most Culverts)
 539: Foundn: Pier 2 N - None (Such as most Culverts)

Geometric

48: Max Span Length (ft) 35.0
 49: Structure Length (ft) 37.0
 52: Deck Width, Out-To-Out (ft) 62.0
 424: Deck Area (sf) 2294
 32: Appr Roadway Width (ft) 0.0
 51: Road Width, Curb-Curb (ft) 0.0
 50A: Curb/SW Width: Left (ft) 0
 50A: Curb/SW Width: Right (ft) 0
 34: Skew (deg) 6
 33: Bridge Median 0 - No median
 54B: Min Vert Underclearance (ft) 14.75
 336A: Min Vert Clrnce IR Cardinal (ft) 14.75
 336B: Min V Clr IR Non-Cardinal (ft) 0
 578: Culvert Length (ft) 0

Age and Service

27: Year Built/ 106 Rehab 1927 / 0000
 42A: Service On 2 - Railroad
 42B: Service Under 1 - Highway, with or w/out pedestrian
 28A: Lanes on 00
 28B: Lanes Under 02
 19: Bypass Length 0
 29: ADT 12195
 109: % Trucks (%) 7

Load Posting

41: Op/Post/Closed A - Open
 70: Posting
 70.01: Date
 70.02: Sign Type
 734: Percent Legal (%) 0
 704: Analysis Date 07/01/2010
 63: Analysis Method 5 - No rating analysis or evaluation performed

Inspections

90: Routine Insp. *Months* 12 11/16/2021
 92A: FCM Insp. N 24
 92B: Dive Insp. N 0
 92C: Special Insp. N 0
 92D: UBIT Insp. N 0
 92E: Drone Insp. N 0
 Inspector Willenkin, Gregory

Inspector: Gregory Willenkin

Inspection Date: 11/16/2021

Structure Number: 2560097

Facility Carried: CSX RAILROAD

Bridge Inspection Report

Element Inspection

ODOT District: 06

FRA-WILLI-0006_(2560097)

Date Built: 07/01/1927

Major Maint: 27 - Railroad

Facility Carried: CSX RAILROAD

Traffic On: 2 - Railroad

Rehab Date:

Routine Maint: 27 - Railroad

Feature Inters: (O) Williams Road

Traffic Under: 1 - Highway, with or w/out pedestrian

Insp: 27 - Railroad

FIPS Code: 18000 - COLUMBUS (DEL & FRA county)

Location: CITY OF COLUMBUS

W/ GROVEPORT

Resp A:

Insp: 04 - City or Municipal
Resp B: Highway Agency

Inspector

Willenkin, Gregory

Inspection Date 11/16/2021

Reviewer Leach, Matthew

Inspector Comments - Deck and Approach

Deck

Approach

Inspector Comments - General Appraisal

Superstructure

Beams/Girders (LF)

Fascia beams have been hit. Section loss on beams. Loose concrete along fascia members.

Protective Coating System (LF)

PCS failure.

Substructure

Abutment Walls (LF)

Unsound, significant damage and deterioration.

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel

Scour Critical

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Bridge Inspection Report

Pictures



PHOTO 1
Description



PHOTO 2
Description

Inspector: Gregory Willenkin
Inspection Date: 11/16/2021

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Bridge Inspection Report

Pictures



PHOTO 3

Description



PHOTO 4

Description

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Bridge Inspection Report

Pictures



PHOTO 5

Description



PHOTO 6

Description