

**CORNELL R. ROBERTSON, P.E., P.S.**  
**FRANKLIN COUNTY ENGINEER**

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February 22, 2022

Honorable Board of County Commissioners  
Franklin County Administration Building  
373 South High Street, 26<sup>th</sup> Floor  
Columbus, Ohio 43215

Honorable Board:

The enclosed annual bridge inspection report is hereby submitted as required by the Ohio Revised Code 5543.20. The report describes the condition of each bridge that the Franklin County Engineer is required to inspect.

The report has been prepared to conform to the "Bridge Inspection Manual" published by the Ohio Department of Transportation. The rating system used is explained within the report.

No bridge presents an immediate or potential danger to life or property.

Portions of this report are being sent to the various Boards of Township Trustees, municipal legislative authorities, and the County Engineers of adjoining counties.

Respectfully submitted,

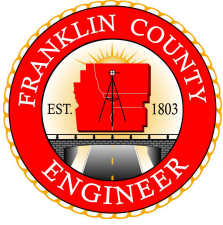
Cornell R. Robertson, P.E., P.S.  
Franklin County Engineer

CRR:EH:dd  
Enclosures

# **Franklin County Engineer Bridge Inspection Summary For The Year 2021**



**Cornell R. Robertson, P.E., P.S.  
Franklin County Engineer**



**CORNELL R. ROBERTSON, P.E., P.S.**  
**FRANKLIN COUNTY ENGINEER**

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**Franklin County Engineer**  
**Summary of 2021 Annual Bridge Inspection Report – February 2022**  
**Presented to the**  
**Franklin County Board of Commissioners**

**In 2021, Franklin County had 374 bridges to inspect.**

- 374 Bridges and culverts 10 feet and over in span were inspected – **100%**.
  - (9 of the structures inspected are owned by railroads).
- **97.0%** of the Franklin County Bridges (354 of the 365) were rated **Fair** or **better**.
- **71.2%** of the Franklin County Bridges were rated **Good, Very Good, or Excellent**.
- **47** Franklin County Bridges are over 100 years old.
- **103** Franklin County Bridges are over 75 years old.
- **11** Franklin County Bridges are rated in **Poor** Condition.
- **30** Franklin County Bridges are rated in **Fair** Condition.
- No Franklin County Bridge is closed due to structural deficiencies.
- **2** Franklin County Bridges are posted with weight reduction limits.
- No Franklin County Bridge is listed as being in serious or critical condition.
- No Franklin County Bridge presents an immediate or potential danger to life or property.

# Yearly Bridge Inspection Summary

## Condition Rating Codes

- 9 Excellent Condition
- 8 Very Good Condition
- 7 Good Condition
- 6 Satisfactory Condition
- 5 Fair Condition
- 4 Poor Condition
- 3 Serious Condition
- 2 Critical Condition
- 1 "Imminent" Failure Condition
- 0 Failed Condition

**N/A** Structure is under construction and will get a general appraisal upon completion.

\*Bridge totals do not include railroad structures

YEAR	CONDITION										N/A
	9	8	7	6	5	4	3	2	1	0	
1985	7	61	141	94	38	34	0	1	0	0	
1986	4	83	130	91	32	29	0	0	0	0	
1987	2	62	149	97	27	26	2	0	0	0	
1988	3	61	167	90	24	26	2	0	0	0	
1989	4	62	172	84	30	17	2	0	0	0	
1990	6	66	173	81	28	17	1	0	0	0	
1991	4	74	169	79	29	15	1	0	0	0	
1992	7	80	159	78	31	14	0	0	0	0	
1993	12	84	159	68	33	13	1	0	0	0	
1994	6	92	154	72	33	11	2	0	0	0	
1995	5	98	151	68	39	9	2	0	0	0	
1996	8	101	149	73	35	6	1	0	0	0	
1997	5	110	148	69	32	5	1	0	0	0	
1998	7	114	141	71	31	4	1	0	0	0	
1999	5	120	138	68	29	7	0	0	0	0	
2000	3	117	139	72	29	8	0	0	0	0	
2001	4	119	136	72	28	9	0	0	0	0	
2002	6	125	130	79	25	3	0	0	0	0	
2003	4	136	132	70	26	4	0	0	0	0	
2004	8	139	125	70	23	6	0	0	0	0	
2005	3	153	113	74	21	5	0	0	0	0	
2006	2	156	113	68	25	7	0	0	0	0	
2007	2	155	110	72	25	8	0	0	0	0	
2008*	6	151	91	87	23	5	0	0	0	0	
2009*	0	143	87	89	29	7	0	0	0	0	
2010*	4	139	84	95	28	5	0	0	0	0	1
2011*	2	144	82	82	35	7	0	0	0	0	1
2012*	2	149	83	78	30	9	0	0	0	0	
2013*	3	154	85	73	31	7	0	0	0	0	
2014*	2	154	95	63	33	8	0	0	0	0	
2015*	1	154	95	57	42	6	0	0	0	0	
2016*	1	156	91	63	38	8	0	0	0	0	
2017*	0	154	91	65	38	9	0	0	0	0	
2018*	1	150	97	61	35	13	0	0	0	0	
2019*	4	148	98	63	36	10	0	0	0	0	
2020*	4	153	96	64	35	8	0	0	0	0	
2021*	3	161	96	64	30	11	0	0	0	0	

# 2021 Bridge Inspection Summary

Structures with a span of 10 feet or more												
Township	Total Number of Structures	Appraisal		Condition								
		9	8	7	6	5	4	3	2	1	0	N/A
				Excellent	Very Good	Good	Satisfactory	Fair	Poor	Serious	Critical	"Imminent" Failure
General Appraisal												
		9	8	7	6	5	4	3	2	1	0	N/A
Blendon	18		5	5	6	1	1					
Brown	16		7	5	3	1						
Clinton	9		4	1	2	1	1					
Franklin	31		11	11	7	1	1					
Hamilton	15		8	2	2	2	1					
Jackson	50	2	25	12	6	5						
Jefferson	35		21	9	4	1						
Madison	38	1	12	10	8	5	2					
Mifflin	15		3	7	2	3						
Montgomery	2			1	1							
Norwich	28		13	6	8	1						
Perry	6		4	2								
Plain	28		13	9	4		2					
Pleasant	22		10	6	1	4	1					
Prairie	13		8	1	3	1						
Sharon	9		3	4		1	1					
Truro	12		5	3	2	2						
Washington	18		9	2	5	1	1					
Total	365											
Totals		3	161	96	64	30	11					