

Floyd County

Bridge Asset Management Plan

Agency Name: Floyd County Indiana Government

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- A.** Bridge Asset Inventory pg. 3-4
- B.** Bridge Capital Improvement 5-Year Plan pg. 5
- C.** Bridge Capital Improvement by Work Item pg. 6
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Floyd County BAM Chart													
Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00001	2200001	6	7	N	6	6	N	94.7			Preventive Maintenance	2021	\$ 23,000.00
00002	2200002	7	7	N	8	6	N	88.9			Preventive Maintenance	2019	\$ 26,000.00
00003	2200003	4	4	N	5	6	N	48.5	X		Bridge Replacement	2016	\$ 454,000.00
00004	2200004	7	6	N	7	6	N	99.9			Preventive Maintenance	2024	\$ 26,000.00
00005	2200005	7	7	N	7	7	N	85.9			Preventive Maintenance	2023	\$ 28,000.00
00006	2200006	7	7	N	6	7	N	97.8			Preventive Maintenance	2028	\$ 3,000.00
00007	2200007	5	5	N	6	6	N	85.9			Superstructure Replacement	2017	\$ 116,000.00
00009	2200008	6	4	2	5	5	N	38.8	X		Bridge Replacement	2016	\$ 388,000.00
00010	2200009	6	6	N	7	5	N	99.9			Bridge Deck Overlay	2019	\$ 43,000.00
00011	2200010	8	8	N	8	7	N	96.9			Preventive Maintenance	2019	\$ 6,000.00
00012	2200011	5	7	N	7	6	N	95.9			Bridge Deck Overlay	2019	\$ 17,000.00
00013	2200012	6	7	N	6	7	N	85.9			Preventive Maintenance	2021	\$ 32,000.00
00014	2200013	7	7	N	6	6	N	94.7			Preventive Maintenance	2029	\$ 18,000.00
00015	2200014	7	7	N	7	7	N	98.6			Preventive Maintenance	2024	\$ 10,000.00
00016	2200015	6	6	N	7	6	N	96			Preventive Maintenance	2016*	\$ 44,000.00
00017	2200016	7	7	N	8	6	N	94.4			Preventive Maintenance	2028	\$ 2,000.00
00018	2200106	N	N	N	N	8	8	97.3			Preventive Maintenance	2027	\$ 3,000.00
00019	2200018	6	6	N	6	6	N	93.1			Preventive Maintenance	2027	\$ 11,000.00
00020	2200019	8	7	N	8	7	N	98.7			Preventive Maintenance	2025	\$ 2,000.00
00021	2200020	8	8	1	6	8	N	97.3			Preventive Maintenance	2026	\$ 7,000.00
00022	2200021	8	8	N	8	6	N	93.3			Preventive Maintenance	2025	\$ 7,000.00
00023	2200108	9	9	N	9	8	N	85.3			N/A	N/A	N/A
00024	2200023	6	6	N	6	5	N	76.9			Bridge Replacement	2019	\$ 574,000.00
00025	2200024	8	8	N	8	8	N	90.9			Preventive Maintenance	2025	\$ 15,000.00
00026	2200025	7	7	N	7	5	N	97.8			Preventive Maintenance	2016*	\$ 3,000.00
00027	2200026	4	6	N	5	6	N	82.8	X		Bridge Deck Overlay	2016	\$ 381,000.00
00028	2200027	6	6	N	7	6	N	76.4			Preventive Maintenance	2018	\$ 33,000.00
00029	2200028	7	7	N	7	8	N	99.6			Preventive Maintenance	2024	\$ 7,000.00
00031	2200030	4	4	N	6	6	N	80.9			Superstructure Replacement	2016*	\$ 187,000.00
00032	2200088	8	8	N	8	7	N	92.5			Preventive Maintenance	2016*	\$ 10,000.00
00033	2200032	6	7	N	7	6	N	92.4			Bridge Deck Overlay	2018	\$ 24,000.00
00035	2200034	4	5	5	6	6	N	83.6	X		Bridge Deck Replacement	2016	\$ 344,000.00
00036	2200090	8	8	N	8	8	N	78.9			Preventive Maintenance	2026	\$ 5,000.00
00037	2200036	8	8	N	8	7	N	91.9			Preventive Maintenance	2029	\$ 1,000.00
00038	2200037	5	5	N	5	5	N	68.6		X	Bridge Replacement	2018	\$ 746,000.00
00039	2200038	5	5	N	6	6	N	82.9			Preventive Maintenance	2016*	\$ 19,000.00
00040	2200039	6	6	N	6	6	N	92			Bridge Deck Overlay	2018	\$ 41,000.00
00041	2200040	7	7	N	6	6	N	79.7		X	Preventive Maintenance	2027	\$ 30,000.00
00042	2200041	7	7	N	6	6	N	94.6			Preventive Maintenance	2019	\$ 36,000.00
00043	2200042	6	5	N	5	6	N	63.6		X	Bridge Replacement	2017	\$ 1,110,000.00
00044	2200043	5	5	N	6	7	N	72.1			Superstructure Replacement	2016*	\$ 99,000.00

00045	2200044	6	5	N	7	7	N	89.1	Bridge Deck Overlay	2020	\$ 74,000.00
00046	2200045	7	6	N	6	6	6	80.7	Preventive Maintenance	2020	\$ 33,000.00
00047	2200046	7	7	N	7	5	N	95.2	Preventive Maintenance	2019	\$ 11,000.00
00050	2200079	6	7	N	7	6	N	98.9	Preventive Maintenance	2018	\$ 15,000.00
00051	2200050	6	7	N	5	5	N	57.7	Bridge Replacement	2016*	\$ 2,376,000.00
00055	2200051	6	6	N	7	5	N	82.5	Bridge Deck Overlay	2016	\$ 19,000.00
00057	2200052	7	7	N	7	7	N	83.8	Preventive Maintenance	2022	\$ 28,000.00
00058	2200053	7	6	N	6	6	N	91.6	Preventive Maintenance	2022	\$ 24,000.00
00060	2200107	9	9	N	9	8	N	94.3	N/A	N/A	N/A
00061	2200055	7	8	N	8	7	N	98.5	Preventive Maintenance	2025	\$ 5,000.00
00062	2200056	8	8	N	8	8	N	94.4	Preventive Maintenance	2026	\$ 2,000.00
00064	2200058	7	7	N	7	6	N	88.9	Preventive Maintenance	2016*	\$ 40,000.00
00065	2200059	6	6	N	6	5	N	92.5	Preventive Maintenance	2016*	\$ 39,000.00
00066	2200087	4	4	N	7	6	N	52.6	Superstructure Replacement	2016*	\$ 126,000.00
00070	2200086	8	8	N	8	8	N	80.4	Preventive Maintenance	2025	\$ 7,000.00
00071	2200060	7	7	N	7	6	N	84.1	Preventive Maintenance	2017	\$ 19,000.00
00072	2200061	7	7	N	6	6	N	98	Preventive Maintenance	2023	\$ 17,000.00
00073	2200062	8	8	N	8	8	N	91.2	Preventive Maintenance	2019	\$ 16,000.00
00076	2200063	7	8	N	7	6	N	97.8	Preventive Maintenance	2018	\$ 14,000.00
00081	2200065	7	8	N	7	5	N	95.9	Preventive Maintenance	2026	\$ 18,000.00
00085	2200067	7	6	N	5	6	N	95.6	Bridge Replacement	2018	\$ 414,000.00
00087	2200068	6	5	N	5	5	N	66.5	Bridge Replacement	2019	\$ 693,000.00
00088	2200069	7	6	N	5	7	N	76.3	Preventive Maintenance	2016	\$ 34,000.00
00089	2200070	7	8	N	7	7	N	97.9	Preventive Maintenance	2023	\$ 17,000.00
00091	2200071	8	8	N	7	8	N	98.9	Preventive Maintenance	2024	\$ 9,000.00
00093	2200072	7	8	N	7	5	N	92.4	Preventive Maintenance	2018	\$ 6,000.00
00094	2200073	6	6	N	6	6	N	72.2	Preventive Maintenance	2017	\$ 28,000.00
00096	2200096	7	7	N	7	6	N	95.7	Preventive Maintenance	2021	\$ 29,000.00
00101	2200101	6	6	N	7	6	N	80	Preventive Maintenance	2016*	\$ 25,000.00
00102	2200102	N	6	N	7	6	N	79.5	Superstructure Replacement	2020	\$ 89,000.00
00103	2200103	7	7	N	6	6	N	91.5	Bridge Deck Overlay	2017	\$ 19,000.00
00501	2200074	7	7	N	7	6	N	76.8	Preventive Maintenance	2022	\$ 29,000.00
00502	2200075	N	N	N	N	6	7	96.1	Preventive Maintenance	2028	\$ 16,000.00
00503	2200105	8	8	N	8	8	N	80.3	N/A	N/A	N/A
00504	2200077	N	N	N	N	6	5	81	N/A	N/A	N/A
00505	2200078	7	7	N	7	6	N	78.8	Preventive Maintenance	2022	\$ 37,000.00
00506	2200079	5	5	N	5	6	N	62.9	Bridge Replacement	2017	\$ 440,000.00
00507	2200080	8	8	N	6	7	N	80.5	Preventive Maintenance	2027	\$ 2,000.00
00508	2200081	6	6	N	6	6	N	94.7	Preventive Maintenance	2021	\$ 23,000.00
00509	2200082	7	7	N	6	7	N	77.3	Preventive Maintenance	2022	\$ 26,000.00
00510	2200089	N	N	N	N	7	7	80.7	Preventive Maintenance	2029	\$ 1,000.00
00511	2200083	7	8	N	8	7	N	82.3	Preventive Maintenance	2028	\$ 2,000.00
00512	2200084	7	8	N	8	6	N	82.2	Preventive Maintenance	2028	\$ 2,000.00
00513	2200085	N	N	N	N	7	7	94.1	Preventive Maintenance	2023	\$ 22,000.00
00514	2200104	8	8	N	8	7	N	95.9	N/A	N/A	N/A

Bridge Capital Improvement 5-Year Plan

Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00010	2200009	6	6	N	7	5	N	99.9			Bridge Deck Overlay	2016	\$ 43,000.00
00012	2200011	5	7	N	7	6	N	95.9			Bridge Deck Overlay	2016	\$ 17,000.00
00103	2200103	7	7	N	6	6	N	91.5			Bridge Deck Overlay	2016	\$ 19,000.00
00055	2200051	6	6	N	7	5	N	82.5		X	Bridge Deck Overlay	2016	\$ 19,000.00
00033	2200032	6	7	N	7	6	N	92.4			Bridge Deck Overlay	2016	\$ 24,000.00
00102	2200102	N	6	N	7	6	N	79.5			Superstructure Replacement	2016	\$ 89,000.00
00044	2200043	5	5	N	6	7	N	72.1			Superstructure Replacement	2016	\$ 99,000.00
00506	2200079	5	5	N	5	6	N	62.9			Bridge Replacement	2017	\$ 440,000.00
00040	2200039	6	6	N	6	6	N	92			Bridge Deck Overlay	2017	\$ 41,000.00
00045	2200044	6	5	N	7	7	N	89.1			Bridge Deck Overlay	2017	\$ 74,000.00
00009	2200008	6	4	2	5	5	N	38.8	X		Bridge Replacement	2018	\$ 388,000.00
00003	2200003	4	4	N	5	6	N	48.5	X		Bridge Replacement	2018	\$ 454,000.00
00035	2200034	4	5	5	6	6	N	83.6	X		Bridge Deck Replacement	2019	\$ 344,000.00
00027	2200026	4	6	N	5	6	N	82.8	X		Bridge Deck Overlay	2019	\$ 381,000.00
00051	2200050	6	7	N	5	5	N	57.7		X	Bridge Replacement	2020	\$ 2,376,000.00
00007	2200007	5	5	N	6	6	N	85.9			Superstructure Replacement	2020	\$ 116,000.00
00031	2200030	4	4	N	6	6	N	80.9			Superstructure Replacement	2022	\$ 187,000.00
00043	2200042	6	5	N	5	6	N	63.6		X	Bridge Replacement	2022	\$ 1,110,000.00
00087	2200068	6	5	N	6	5	N	66.5		X	Bridge Replacement	2024	\$ 693,000.00
00038	2200037	5	5	N	5	5	N	68.6		X	Bridge Replacement	2024	\$ 746,000.00
00024	2200023	6	6	N	6	5	N	76.9			Bridge Replacement	2026	\$ 574,000.00
00085	2200067	7	6	N	5	6	N	95.6		X	Bridge Replacement	2026	\$ 414,000.00
													\$ 8,648,000.00

Bridge Capital Improvement Plan by Work Item

Bridge Deck													
Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00010	2200009	6	6	N	7	5	N	99.9			Bridge Deck Overlay	2016	\$ 43,000.00
00012	2200011	5	7	N	7	6	N	95.9			Bridge Deck Overlay	2016	\$ 17,000.00
00103	2200103	7	7	N	6	6	N	91.5			Bridge Deck Overlay	2016	\$ 19,000.00
00055	2200051	6	6	N	7	5	N	82.5		X	Bridge Deck Overlay	2016	\$ 19,000.00
00033	2200032	6	7	N	7	6	N	92.4			Bridge Deck Overlay	2016	\$ 24,000.00
00040	2200039	6	6	N	6	6	N	92			Bridge Deck Overlay	2017	\$ 41,000.00
00045	2200044	6	5	N	7	7	N	89.1			Bridge Deck Overlay	2017	\$ 74,000.00
00035	2200034	4	5	5	6	6	N	83.6		X	Bridge Deck Replacement	2019	\$ 344,000.00
00027	2200026	4	6	N	5	6	N	82.8		X	Bridge Deck Overlay	2019	\$ 381,000.00

Bridge Replacement

Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00506	2200079	5	5	N	5	6	N	62.9			Bridge Replacement	2017	\$ 440,000.00
00009	2200008	6	4	2	5	5	N	38.8	X		Bridge Replacement	2018	\$ 388,000.00
00003	2200003	4	4	N	5	6	N	48.5	X		Bridge Replacement	2018	\$ 454,000.00
00043	2200042	6	5	N	5	6	N	63.6		X	Bridge Replacement	2022	\$ 1,110,000.00
00087	2200068	6	5	N	6	5	N	66.5		X	Bridge Replacement	2024	\$ 693,000.00
00038	2200037	5	5	N	5	5	N	68.6		X	Bridge Replacement	2024	\$ 746,000.00
00024	2200023	6	6	N	6	5	N	76.9			Bridge Replacement	2026	\$ 574,000.00
00085	2200067	7	6	N	5	6	N	95.6		X	Bridge Replacement	2026	\$ 414,000.00

Superstructure Replacement

Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00102	2200102	N	6	N	7	6	N	79.5			Superstructure Replacement	2016	\$ 89,000.00
00044	2200043	5	5	N	6	7	N	72.1			Superstructure Replacement	2016	\$ 99,000.00
00007	2200007	5	5	N	6	6	N	85.9			Superstructure Replacement	2020	\$ 116,000.00
00031	2200030	4	4	N	6	6	N	80.9			Superstructure Replacement	2022	\$ 187,000.00

Bridge Preventive Maintenance Plan													
Bridge Number	NBI #	Deck (Rating)	Super-structure (Rating)	Paint System (Rating)	Substructure (Rating)	Channel (Rating)	Culvert (Rating)	Sufficiency Rating	Structurally Deficient	Functionally Obsolete	Work Type	Planned Repair Year	Estimated Cost
00025	2200024	8	8	N	8	8	N	90.9			Preventive Maintenance	2017	\$ 15,000.00
00073	2200062	8	8	N	8	8	N	91.2			Preventive Maintenance	2017	\$ 16,000.00
00058	2200053	7	6	N	6	6	N	91.6			Preventive Maintenance	2017	\$ 24,000.00
00037	2200036	8	8	N	8	7	N	91.9			Preventive Maintenance	2017	\$ 1,000.00
00093	2200072	7	8	N	7	5	N	92.4			Preventive Maintenance	2018	\$ 6,000.00
00032	2200088	8	8	N	8	7	N	92.5			Preventive Maintenance	2018	\$ 10,000.00
00065	2200059	6	6	N	6	5	N	92.5			Preventive Maintenance	2018	\$ 39,000.00
00019	2200018	6	6	N	6	6	N	93.1			Preventive Maintenance	2018	\$ 11,000.00
00022	2200021	8	8	N	8	6	N	93.3			Preventive Maintenance	2019	\$ 7,000.00
00513	2200085	N	N	N	N	7	7	94.1			Preventive Maintenance	2019	\$ 22,000.00
00017	2200016	7	7	N	8	6	N	94.4			Preventive Maintenance	2019	\$ 2,000.00
00062	2200056	8	8	N	8	8	N	94.4			Preventive Maintenance	2019	\$ 2,000.00
00042	2200041	7	7	N	6	6	N	94.6			Preventive Maintenance	2020	\$ 36,000.00
00001	2200001	6	7	N	6	6	N	94.7			Preventive Maintenance	2020	\$ 23,000.00
00014	2200013	7	7	N	6	6	N	94.7			Preventive Maintenance	2020	\$ 18,000.00
00508	2200081	6	6	N	6	6	N	94.7			Preventive Maintenance	2021	\$ 23,000.00
00047	2200046	7	7	N	7	5	N	95.2			Preventive Maintenance	2021	\$ 11,000.00
00096	2200096	7	7	N	7	6	N	95.7			Preventive Maintenance	2021	\$ 29,000.00
00081	2200065	7	8	N	7	5	N	95.9			Preventive Maintenance	2021	\$ 18,000.00
00016	2200015	6	6	N	7	6	N	96			Preventive Maintenance	2022	\$ 44,000.00
00502	2200075	N	N	N	N	6	7	96.1			Preventive Maintenance	2022	\$ 16,000.00
00011	2200010	8	8	N	8	7	N	96.9			Preventive Maintenance	2022	\$ 6,000.00
00018	2200106	N	N	N	N	8	8	97.3			Preventive Maintenance	2022	\$ 3,000.00
00021	2200020	8	8	1	6	8	N	97.3			Preventive Maintenance	2023	\$ 7,000.00
00006	2200006	7	7	N	6	7	N	97.8			Preventive Maintenance	2023	\$ 3,000.00
00026	2200025	7	7	N	7	5	N	97.8			Preventive Maintenance	2023	\$ 3,000.00
00076	2200063	7	8	N	7	6	N	97.8			Preventive Maintenance	2023	\$ 14,000.00
00089	2200070	7	8	N	7	7	N	97.9			Preventive Maintenance	2024	\$ 17,000.00
00072	2200061	7	7	N	6	6	N	98			Preventive Maintenance	2024	\$ 17,000.00
00061	2200055	7	8	N	8	7	N	98.5			Preventive Maintenance	2024	\$ 5,000.00
00015	2200014	7	7	N	7	7	N	98.6			Preventive Maintenance	2024	\$ 10,000.00
00020	2200019	8	7	N	8	7	N	98.7			Preventive Maintenance	2025	\$ 2,000.00
00050	2200079	6	7	N	7	6	N	98.9			Preventive Maintenance	2025	\$ 15,000.00
00091	2200071	8	8	N	7	8	N	98.9			Preventive Maintenance	2025	\$ 9,000.00
00029	2200028	7	7	N	7	8	N	99.6			Preventive Maintenance	2026	\$ 7,000.00
00004	2200004	7	6	N	7	6	N	99.9			Preventive Maintenance	2026	\$ 26,000.00
												\$517,000.00	