



Boone County Bridge Asset Management Plan

Boone County Highway Department
1955 Indianapolis Ave.
Lebanon, IN 46052

Nick Parr, Director of Highways
nparr@co.boone.in.us
765-482-4550

December 2022

PURPOSE

Boone County seeks to implement a cost-effective program of preventive maintenance to maximize the useful service life of the local bridges under its jurisdiction.

The County recognizes that limited funds are available for improving the bridge network. Preventive maintenance is a more effective use of these funds than the costly alternative of major rehabilitation or replacement, and we seek to identify those bridges that will benefit from a planned maintenance program.

GOAL

The goal of the program is the preservation of the County bridge network.

OBJECTIVES

Our objectives in implementing the preservation plan include:

- Maintaining a record the current condition of the our bridges
- Developing a “mix of fixes” that will:
 - Program regular scheduled maintenance actions to impede deterioration of bridges in good condition
 - Implement selective corrective repairs or rehabilitation to degraded bridge elements and to restore functionality
 - Identify and program those eligible bridges in need of replacement
- Identifying available funding sources, including:
 - Dedicated County resources
 - Available Funding through Community Crossings Matching Grant Program
 - Federal Funding Opportunities
- Prioritizing the programmed actions within available funding limitations
- Maintaining 100% of its bridges or structures in fair to good condition, with a goal of 90% in good condition.

PERFORMANCE MEASURE

Several metrics will be used to assess the effectiveness of the preservation plan. The plan will monitor and report the annual change in the number of its bridges rated fair/good (Sufficiency Rating 50 or higher) and the bi-annual change in the number of structurally deficient bridges.

BRIDGE ASSETS

The County is responsible for 189 bridges. Detailed inventory data, condition ratings, and proposed preventive maintenance actions for each bridge are contained in Appendix A

The bridge inventory data was obtained from BIAS, and the 2021 condition data and maintenance actions are taken from the inspector's report.

A summary of the bridges is presented in the following table:

SUMMARY OF STRUCTURE TYPES		
NBI 43A Kind of Material and/or Design	NBI 43B Type of Design and/or Construction	Total
1 - Concrete	01 - Slab	6
1 - Concrete	02 - Stringer/Multi-beam or Girder	11
1 - Concrete	19 - Culvert (includes frame culverts)	14
2 - Concrete continuous	01 - Slab	27
3 - Steel	02 - Stringer/Multi-beam or Girder	8
3 - Steel	10 - Truss - Thru	1
3 - Steel	19 - Culvert (includes frame culverts)	13
4 - Steel continuous	02 - Stringer/Multi-beam or Girder	2
5 - Prestressed concrete	02 - Stringer/Multi-beam or Girder	3
5 - Prestressed concrete	05 - Box Beam or Girders - Multiple	80
5 - Prestressed concrete	06 - Box Beam or Girders - Single or Spread	2
6 - Prestressed concrete continuous	02 - Stringer/Multi-beam or Girder	4
6 - Prestressed concrete continuous	04 - Tee Beam	1
6 - Prestressed concrete continuous	06 - Box Beam or Girders - Single or Spread	7
7 - Wood or Timber	01 - Slab	6
8 - Masonry	11 - Arch - Deck	1
9 - Aluminum, Wrought Iron or Cast Iron	19 - Culvert (includes frame culverts)	3
	Total Structures	189

CONDITION ANALYSIS

Of the 189 structures in our inventory, the distribution of overall condition is: 11 bridges (6%) are considered poor (sufficiency rating of 50 or less), 55 (29%) are considered fair (sufficiency rating from 80 to 50); and 123 (65%) are considered good (sufficiency rating of 100 to 80). 176 Bridges (93%) are on a 24-month re-inspection frequency and 13 (7%) require inspections every 12 months. 12 bridges are considered scour critical meaning the foundations are unstable for scour conditions. Boone County has 3 bridges that are included in the listing of historical structures. Boone County also 31 bridges that are posted, this includes bridges that are one lane, narrow or are load limited.

Some of the bridges require one-time preventive maintenance actions to repair defects and restore the structure to a higher condition rating. Most bridges are included in a scheduled maintenance plan with appropriate maintenance actions programmed for groups of bridges of similar material and type.

Our objective in formulating this preservation plan is to maintain all of the agency's bridges with a sufficiency rating of 80 or higher and to increase the number of good bridges to 80%.

RISK MANAGEMENT

The County recognizes that the potential risks associated with bridges generally fall into several categories:

- Personal injury and property damage resulting from a bridge collapse or partial failure;
- Loss of access to a region or individual properties resulting from bridge closures, restricted load postings, or extended outages for rehabilitation and repair activities; and
- Delays, congestion, and inconvenience due to serviceability issues, such as poor quality riding surface, loose or missing expansion joints, etc.

The County addresses these risks by implementing a regular bridge inspection program and a preservation program of preventive maintenance.

The County administers the biennial inspection of its bridges in accordance with NBIS and INDOT requirements. The inspection reports document the condition of our bridges and evaluates them in order to identify new defects and monitor advancing deterioration. The summary inspection report identifies items needing follow-up special inspection actions and recommends bridge-by-bridge maintenance activities.

The preservation program identifies actions in the operations and maintenance plan that are preventive or are responsive to specific bridge conditions. The actions are prioritized to correct critical structural safety and traffic issues first, then to address other needs based on the operational importance of each bridge and the long-term preservation of the network. The inspection results are used to modify and update the operations and maintenance plan annually.

PRESERVATION STRATEGY

The County's preservation plan employs "mix of fixes" strategy made up of preventive maintenance and scheduled maintenance. The aim of this plan is to address the structures of critical concern by targeting elements rated as being in poor condition and to maintain the overall condition of the bridge network to good or fair condition.

The following is a list of definitions for the mix of fixes.

Replacement involves substantial changes to the existing structure, such as complete structure replacement, and is intended to improve critical or closed bridges to a good condition rating.

Rehabilitation is undertaken to extend the service life of existing bridges. Rehabilitation actions are intended to improve the poor or fair condition bridges to fair or good condition. Examples of bridge rehabilitation projects typically include:

- Deck Replacement

- Superstructure Replacement
- Substructure Rehab
- Bridge Widening

Preventive maintenance work will improve and extend the service life of good and fair bridges, it will be performed with the understanding that future rehabilitation or replacement projects will contain appropriate safety and geometric enhancements. Preventive maintenance projects prevent, delay or mitigate deterioration and could include work types from the following list:

- Deck Patching
- Deck Crack Sealing
- Joint Repair, Replacement, Elimination
- Deck Overlays-Thin & Rigid
- Painting & Spot Coating
- Bearing Repair & Replacement
- Substructure Patching/Sealing
- Scour & Erosion Mitigation
- Channel Clearing Debris Removal
- Slopewall/ Approach Slab Repair & Replacement
- Bridge & Approach Railing

Most preventive maintenance projects will be actions in response to a condition state need. Routine preventive work will be performed by Highway Department employees or contracted agencies.

The replacement, rehabilitation, and preventive maintenance projects are generally eligible for funding under the local bridge program, and request for funding will be submitted with the County's annual applications.

Our *scheduled maintenance* program is an integral part of the preservation plan and is intended to extend the bridge service life by preserving them in their current condition for a longer period of time. Scheduled maintenance is proactive and not necessarily condition driven.

- Cleaning and Flushing Bridge Decks
- Cleaning Deck Drains
- Substructure and Superstructure Washing
- Cleaning & Lubricating Bearings
- Deck Sealing
- Brush Cutting and Herbicide Application

In-house maintenance crews will perform much of this work.

The “mix of fixes” strategy combines a regular program of scheduled maintenance with short-term preventive maintenance fixes. Implementing this balanced mixture, as described in the Operations and Maintenance Plan below, will increase the number of bridges improved each year and preserve the overall health of The County's bridge network.

IMPLEMENTATION OF THE STRATEGY

Our implementation of the preservation plan strategy begins with a bi-annual review of the current condition of each of the agency's bridges using the NBIS inspection data and the inspector's work recommendations contained on bridge inspection report. The inspection inventory and condition data are consolidated in spreadsheet format for the County's bridges in Appendix A. Inspection follow-up actions include updating the inspector on work performed on each bridge.

CRITERIA FOR ELIGIBILITY

All Bridges must be on the NBI database. To be on the NBI Database, a bridge must meet the following criteria:

- Have an opening measured along the center of the roadway of more than twenty (20) feet (NBI Item 49) AND
- Be a bridge that carries a public roadway

REPLACEMENT

To be eligible for replacement bridges must meet the following criteria:

- Have a sufficiency rating below 50
- Bridge will not have been rehabilitated or reconstructed within the past ten (10) years.
- Bridge will not have been new or replaced within the past ten (10) years.

BRIDGE PRESERVATION

REHABILITATION

To be eligible for rehabilitation bridges must meet the following criteria:

- A sufficiency rating below 80 qualifies
- Bridge will not have been rehabilitated or reconstructed within the past ten (10) years.
- Bridge will not have been new or replaced within the past ten (10) years.

PREVENTATIVE MAINTENANCE

To be eligible for rehabilitation bridges must meet the following criteria:

- A sufficiency rating above 50 qualifies
- Bridge will not have been rehabilitated or reconstructed within the past five (5) years.
- Bridge will not have been new or replaced within the past five (5) years.
- Preventative Maintenance Activities must be in compliance with the IDM and INDOT/FHWA PM Agreement

Cost Estimate

The estimated cost of rehabilitation and bridge replacement action item is estimated by the bridge

inspection consultant and is provided with our biennial bridge inspection report. The cost of preservation and maintenance items that vary in complexity and may include maintenance of traffic, staged construction, scour countermeasures, and so forth, are estimated on a bridge-by-bridge basis. The cost estimates will be reviewed and updated biennially and include only contracted work, not work done by the County (in-house).

Preservation And Maintenance Plan—Annual Activities

A primary objective of our preservation plan is improvement of bridges rated fair (5 or 6) to a rating of good (7 or higher) through a program of preventive maintenance and scheduled maintenance. The work has been prioritized by considering each individual bridge's needs, its importance, the present costs of improvements, and the impact (cost increase due to increased degradation) of deferral. The program incorporates annual scheduled maintenance activities designed to preserve bridges currently rated fair (5) or higher with the objective of extending their useful service life.

Project Prioritization Criteria

The prioritization of projects considers the following factors:

- Condition
- Posting Status
- Traffic Volume
- Emergency service response
- Detour length and user delay

Bridge projects are judged primarily on the condition rating, the significance of the structure and the availability of funding to select projects for implementation.

A summary of the bridges planned for rehabilitation is in the following table:

PRIORITY SCHEDULE BRIDGE REHABILITATIONS

Bridge Number	Type of Proposed Work	Routine Inspection Frequency {Months}	Sufficiency Rating	ADT	Estimated Construction Cost {X \$1000}	Cost/ADT	Anticipated Year of Improvement
06-00178	Rehabilitation	12	50.6	850	\$294	\$346	2025
06-00044	Rehabilitation	24	76.5	120	\$250	\$2,083	2024
06-00205	Rehabilitation	24	76.5	110	\$628	\$5,709	2026
06-00113	Rehabilitation	24	77.5	120	\$163	\$1,358	2027
06-00203	Rehabilitation	24	78.6	2210	\$366	\$166	2029
06-00023	Rehabilitation	24	80.4	640	\$44	\$69	2028
06-00135	Rehabilitation	24	80.5	120	\$234	\$1,950	2029
06-00028	Rehabilitation	24	83.9	550	\$260	\$473	2028
06-00019	Rehabilitation	24	84.9	550	\$600	\$1,091	2026
06-00017	Rehabilitation	24	95.9	550	\$400	\$727	2026
06-00045	Rehabilitation	24	96	140	\$247	\$1,764	2031
06-00037	Rehabilitation	24	97	260	\$241	\$927	2028
06-00093	Rehabilitation	24	99	120	\$114	\$950	2029
				Total:	\$3,007		

A summary of the bridges planned for replacement is in the following table:

PRIORITY SCHEDULE BRIDGE REPLACEMENTS

Bridge Number	Type of Proposed Work	Routine Inspection Frequency (Months)	Sufficiency Rating	ADT	Estimated Construction Cost (X \$1000)	Cost/ADT	Anticipated Year of Improvement
06-00217	Replacement	12	49.6	1,300	\$1,298	\$998	2022
06-00150	Replacement	24	59.9	120	\$598	\$4,983	2022
06-00041	Replacement	12	28.9	170	\$1,189	\$6,994	2022
06-00148	Replacement	24	45.2	120	\$540	\$4,500	2023
06-00084	Replacement	12	49.8	120	\$563	\$4,692	2024
06-00192	Replacement	12	28.5	2023	\$725	\$358	2024
06-00162	Replacement	24	70.6	120	\$545	\$4,542	2025
06-00139	Replacement	12	42.7	120	\$479	\$3,992	2026
06-00070	Replacement	12	50.8	260	\$728	\$2,800	2026
06-00061	Replacement	12	57.9	300	\$1,071	\$3,570	2027
06-00158	Replacement	24	64.5	810	\$640	\$790	2027
06-00086	Replacement	24	50.6	120	\$797	\$6,642	2027
06-00193	Replacement	24	92.8	1,480	\$612	\$414	2028
06-00401	Replacement	24	85.6	2,410	\$854	\$354	2028
06-00001	Replacement	12	52.5	20	\$553	\$27,650	2028
06-00285	Replacement	24	66.6	110	\$493	\$4,482	2028
06-00310	Replacement	24	83.1	480	\$903	\$1,881	2029
06-00229	Replacement	12	64.5	200	\$580	\$2,900	2029
06-00166	Replacement	12	43.3	120	\$505	\$4,208	2029
06-00097	Replacement	12	55.9	230	\$555	\$2,413	2029
06-00087	Replacement	24	64.8	120	\$566	\$4,717	2029
06-00092	Replacement	24	70.6	120	\$608	\$5,067	2030
06-00109	Replacement	24	80.5	120	\$576	\$4,800	2030
06-00116	Replacement	24	80.4	140	\$538	\$3,843	2030
06-00133	Replacement	12	68	120	\$535	\$4,458	2031

Total: \$17,051

IDENTIFY FUNDING SOURCES

Projects for the preventive maintenance and scheduled maintenance of bridges, which were identified and selected, have been programmed and funding will be requested during the annual budgeting process. We also anticipate applying for Community Crossings Matching Grants and Federal Aid Grants as those opportunities arise. The scheduled maintenance and minor repairs will be performed primarily by the agency's in-house maintenance forces and funded through the agency's annual operating budget.

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	Wearing Surface			Deck	Superstructure	Substructure	Channel	Culvert	Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted
					ADT	Rating	Rating											
06-0001	PRAIRIE CREEK	WIND HAVEN LANE	00.01 E I-65	1925	20	5	N	N	N	5	4	Bridge Replacement	\$ 553,000.00	2028	52.5		15	
06-0008	GOLDSBERRY CREEK	CR 875N	01.20 W OF CR 950 W	1984	120	7	7	7	7	6	N	Maintenance	Force Account		91.5	Place Fill in Varmint Hole at SE Corner of Bridge.		
06-0010	GOLDSBERRY CREEK	CR 825N	01.00 W OF CR 950 W	2001	130	7	7	7	8	7	N	None			100.0			
06-0011	SUGAR CREEK	SUGAR CREEK ROAD	00.80 N OF SR 47	1969	1010	7	7	6	7	7	N	Preventative Maintenance			90.2	Remove Logjam Caught on Pier 3.		
06-0012	PRAIRIE CREEK	SUGAR CREEK ROAD	00.77 N OF SR 47	1969	1010	7	7	7	7	7	N	Preventative Maintenance			89.2	Place Fill/Riprap in Varmint Hole Under South End Bent.:		
06-0013	BRUSH CREEK	CR 550W	00.60 N CR 850 N	2015	130	7	7	7	8	8	N	None			94.5	Replace North Joint Seal.		
06-0015	SUGAR CREEK	CR 700N	00.10 E OF CR900 W	1996	120	7	7	8	7	6	N	Scour/ Erosion Mitigation	Force Account		95.0	Remove Logjam Caught on Pier 2.:		
06-0017	SUGAR CREEK	CR 1075W	00.10 N OF SR 47	1977	550	6	6	8	6	6	N	Bridge Deck Overlay	\$ 400,000.00		95.9	Place Designed Riprap Around Pier 2.:		
06-0018	GOLDSBERRY CREEK	CR 950W	00.20 N OF CR 750 N	2009	120	7	7	7	8	7	N	Scour/ Erosion Mitigation	Force Account		94.5	Install Object Marker NE Quadrant.:	Remove Beaver Dam at West Side of Bridge.	
06-0019	GOLDSBERRY CREEK	CR 1075W	00.45 N OF CR 700 N	1980	550	7	6	6	5	6	N	Bridge Deck Overlay	\$ 600,000.00	2026	84.9	Cut Brush and Vegetation at Bridge Corners.		
06-0023	PRAIRIE CREEK	CR 650N	00.75 W OF CR 625 W	1988	640	6	7	5	6	5	N	Bridge Rehabilitation	\$ 44,000.00	2028	80.4	Remove Logjams from Piers.:		
06-0024	PRAIRIE CREEK	CR 650N	00.15 E OF CR 625 W	2000	640	8	N	N	N	6	7	Sign Placement	Force Account		99.9	Place Designed Riprap Around Both Piers.:		
06-0027	REAGON RUN	BLUBAUGH AVE	00.90 W OF CR 200 W	1960	250	5	6	6	6	5	N	Scour/ Erosion Mitigation			92.0	Remove Excessive Asphalt Overlay. Reconstruct Approach Roadway to Match New Deck Elevation.	15	
06-0028	SUGAR CREEK	FRANKFORT AVE	00.40 N OF CR 800 N	1987	550	6	5	5	6	7	N	Bridge Rehabilitation	\$ 260,000.00	2028	83.9	Remove Large Logjam from Pier 2.		
06-0029	SPRING CREEK	CR 550W	00.40 N OF US 52	1960	550	6	6	6	6	6	N	Bridge Cleaning	Force Account		69.9	Remove Debris Trapped Along Curbs.:		
06-0030	SPRING CREEK	CR 650N	00.02 E OF CR 500 W	1965	270	7	6	6	7	6	N	Preventative Maintenance	Force Account		86.9	Replace GRET in North and West Quadrants.		
06-0031	SPRING CREEK	CR 350W	00.10 N OF SR 47	1986	170	7	7	7	7	7	N	Bridge Cleaning	Force Account		96.0	Place Fill in Hole in Shoulder at Northeast Corner of Bridge.		
06-0032	SUGAR CREEK	CR 350W	00.30 S OF CR 850 N	1910	170	6	7	7	7	6	N	Sign Placement	Force Account		59.4	Remove Debris from Expansion Joint Seals.:		
06-0035	BROWN'S WONDER CREEK	CR 50W	00.40 N OF CR 750 N	1984	120	6	7	7	7	6	N	Joint Seal/Repair			87.5	Replace Missing PVC Drain Pipe Extension Span B Southeast Corner.		
06-0037	BROWN'S WONDER CREEK	CR 825N	00.10 E OF SR 39	1975	260	6	6	6	7	6	N	Bridge Rehabilitation	\$ 241,000.00	2028	97.0	Install Object Marker at SE Corner.:	12	
06-0041	SUGAR CREEK	CR 200E	00.01 N OF CR 950 N	1901	170	3	3	4	4	4	N	Bridge Replacement	\$ 1,189,000.00	2022	28.9	Remove Tree Growing Under Bridge at South Corner.		
06-0043	MUD CREEK	CR 850N	00.60 W OF CR 300 E	1900	290	6	7	7	5	5	N	Scour/ Erosion Mitigation	Force Account		72.9	Seal Transverse Joints Between Beams Over Piers.		
06-0044	MUD CREEK	CR 400E	00.40 N OF CR 750 N	1980	120	4	5	5	7	5	N	Bridge Rehabilitation	\$ 250,000.00	2024	76.5	Place Class 1 Riprap Around Piers.	10	
06-0045	MUD CREEK	CR 675N	00.01 E OF CR 500 E	1991	140	6	6	6	7	7	N	Bridge Rehabilitation	\$ 247,000.00	2031	96.0	Place Riprap Along East Abutment and SE Wing.		
06-0046	MUD CREEK	CR 750N	00.05 E OF CR 500 E	1986	120	6	6	6	7	6	N	None			87.5			
06-0047	MUD CREEK	CR 500E	00.10 N OF CR 750 N	1930	120	6	6	6	6	4	N	Joint Seal/Repair			91.5	Seal Transverse Joints Between Beams Over Piers.:		
06-0048	CARROLL DITCH	CR 550E	00.05 S OF PUMPKIN VINE RD.	1930	200	7	6	6	6	5	N	Cut Brush/Apply Herbicide	Force Account		87.5	Remove Logjam & Timber Bridge/Walkway from Pier 2.		
06-0049	BROWN'S WONDER CREEK	CALDWELL ROAD	00.30 N OF SR 47	1893	120	6	7	7	5	6	N	None			77.5	Remove Logjam Caught on Livestock Fence Attached to East Side of Bridge.		
06-0051	BRANCH OF BIG EAGLE CR.	CR 1200E	00.20 N OF SR 47	1994	720	7	7	6	7	7	N	Cut Brush/Apply Herbicide	Force Account		82.9	Cut & Remove Trees Growing Under Bridge on North Slope.		
06-0052	BIG EAGLE CREEK	CR 1200E	00.67 S OF SR 47	2000	660	8	N	N	N	8	8	Scour/ Erosion Mitigation	Force Account		92.9	Place Riprap at Culvert Outlet.		
06-0053	STOKER DITCH	CR 900E	00.01 N OF CR 900 N	2003	260	8	7	7	8	7	N	Scour/ Erosion Mitigation	Force Account		96.0	Remove Riprap/Timber Dam in Channel Under Bridge.		
06-0054	STOKER DITCH	CR 950E	00.50 S OF SR 38	2004	120	6	7	7	8	8	N	Cut Brush/Apply Herbicide	Force Account		99.0	Cut & Remove Brush Around Approach Guardrail and Under Bridge South Slope.:		
06-0055	FINLEY CREEK	CR 1200E	00.50 N OF CR 100 N	1992	610	6	6	6	7	6	N	Sign Placement	Force Account		85.9	Mill & Overlay South Approach Roadway.		
06-0056	KREAGER DITCH	CR 1200E	02.80 S OF SR 47	2000	660	7	N	N	N	7	7	Guardrail Replacement			92.9	Install Object Markers at Guardrail Ends.:	Repair/Replace Guardrail & GRET West Side of Bridge.	

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	Wearing Surface							Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted
					ADT	Rating	Deck	Superstructure	Substructure	Channel	Culvert						
06-00057	BIG EAGLE CREEK	CR 300N	00.30 W OF CR 1000 E	1930	350	7	7	7	5	6	N	Channel Clearing	Force Account		72.9	Remove Logjam Caught on Livestock Fence Attached to South Side of Bridge.	15
06-00058	BIG EAGLE CREEK	CR 1100E	00.01 N of CR 500 N	2012	170	7	7	7	7	8	N	Sign Placement	Force Account		100.0		
06-00059	KREAGER DITCH	CR 1100E	00.10 N OF CR 100 N	1986	170	6	7	7	6	5	N	Sign Placement	Force Account		87.5	Install Object Markers at NW & NE Corners of Guardrail.: Place Riprap Along Both End Bents/Mudwalls. Install Nut, Tighten Tie-Rod, & Grout Pockets.: Place Riprap Along Both Abutments.	
06-00060	FINLEY CREEK	CR 1100E	00.02 N OF SR 32	1930	230	5	6	6	5	5	N	Preventative Maintenance			82.0		
06-00061	BIG EAGLE CREEK	CR 1000E	00.40 N OF SR 32	1925	300	7	6	6	4	6	N	Bridge Replacement	\$ 1,071,000.00	2027	57.9	Install Object Marker at SE Corner. Repair Bridge Rail South Side of Bridge.: Remove Trash from Channel.	
06-00062	BIG EAGLE CREEK	CR 500N	00.10 W of CR 1100 E	2012	110	6	7	7	7	7	N	None			100.0		
06-00063	BIG EAGLE CREEK	CR 400N	00.40 W of CR 1100 E	1980	120	6	6	6	5	6	N	Sign Placement	Force Account		77.5	Tighten Bolts on Bottom of Spreader Beam.	
06-00064	KREAGER DITCH	CR 200N	00.50 W OF CR 100 E	1986	180	8	6	6	6	6	N	None			87.5		
06-00066	BIG EAGLE CREEK	CR 200N	00.60 W OF CR 1100 E	1950	120	8	6	6	6	6	N	None			87.5	Remove Debris from Deck Drains South End of Bridge.	
06-00067	FINLEY CREEK	CR 100N	00.20 W OF CR 1200 E	2011	120	7	8	8	8	8	N	Preventative Maintenance			96.0		
06-00068	BIG EAGLE CREEK	CR 100N	00.75 W OF CR 1100 E	1997	120	7	7	8	7	7	N	Bridge Cleaning	Force Account		90.5		
06-00069	MOUNTS RUN	CR 600E	00.60 N OF CR 100 N	1935	260	7	6	6	5	8	N	None			76.0		
06-00070	MOUNTS RUN	CR 600E	00.30 N OF CR 200 N	1930	260	7	5	4	4	7	N	Bridge Replacement	\$ 728,000.00	2026	50.8		15
06-00071	MOUNTS RUN	CR 700E	00.75 N OF SR 32	1990	120	6	7	7	7	7	N	None			87.5		
06-00072	HEATH & LANE DITCH	CR 100N	00.25 W OF CR 500 E	2018	600	8	N	N	N	8	7	None			99.9	Repair Bridge Rail at NW Corner.: Patch Spalls in Beam 1 with Concrete.	
06-00082	BROWN'S WONDER CREEK	CR 450N	00.30 W OF CR 250 E	1987	120	6	6	6	6	6	N	Preventative Maintenance			91.5		
06-00083	BROWN'S WONDER CREEK	CR 250E	00.15 S OF SR 47	1930	120	5	7	7	5	5	N	Scour/ Erosion Mitigation	Force Account		79.1	Place Riprap Along Both Abutments & SE Wing.	
06-00084	HEATH & LANE DITCH	CR 400E	00.70 N OF CR 100 N	1940	120	5	6	4	5	7	N	Bridge Replacement	\$ 563,000.00	2024	49.8		13
06-00085	BROWN'S WONDER CREEK	CR 350N	00.10 E OF CR 300 E	1920	120	6	6	6	6	7	N	Cut Brush/Apply Herbicide	Force Account		87.5	Remove Tree Growing Under Bridge at SE Corner.: Repair Damaged SW GRET.	
06-00086	HEATH & LANE DITCH	CR 250E	00.30 N OF CR 200 N	1940	120	6	6	6	5	6	N	Bridge Replacement	\$ 797,000.00	2027	50.6		12
06-00087	HEATH & LANE DITCH	CR 200N	00.50 W OF CR 400 E	1940	120	5	5	5	5	7	N	Bridge Replacement	\$ 566,000.00	2029	64.8		15
06-00088	HEATH & LANE DITCH	CR 300E	00.20 N OF CR 200 N	1940	120	5	6	6	5	6	N	Cut Brush/Apply Herbicide	Force Account		67.0	Remove Tree Growing Under Bridge on North Slope.	
06-00089	BROWN'S WONDER CREEK	ELIZAVILLE ROAD	00.45 N OF CR 350 N	1994	610	7	7	7	7	7	N	Preventative Maintenance			95.9	Repair Bridge Rail Post at SW Corner.: Remove Tree Growing Under Bridge on South Slope.	
06-00091	BROWN'S WONDER CREEK	ELIZAVILLE AVE	00.15 W OF CR 250 E	1965	640	7	6	6	5	6	N	Preventative Maintenance			74.9	Underpin Both End Bents with Concrete & Place Riprap Along Both End Bents.: Remove Tree Growing Under Bridge on West Slope.	
06-00092	SANITARY DITCH	MOUNT ZION ROAD	00.30 E OF CR200 W	1930	120	7	6	6	6	7	N	Bridge Replacement	\$ 608,000.00	2030	70.6		12
06-00093	SANITARY DITCH	MOUNT ZION ROAD	00.01 E of CR200 E	1997	120	5	6	6	6	7	N	Bridge Rehabilitation	\$ 114,000.00	2029	99.0		
06-00094	SANITARY DITCH	ENTERPRISE BLVD	00.50 S OF SR 32	2000	290	7	N	N	N	6	7	None			96.0		
06-00095	PRAIRIE CREEK	SAM RALSTON ROAD	00.50 N OF SR 32	2006	430	7	7	8	7	7	N	Preventative Maintenance			99.9	Repair Drop-offs in Sidewalks at Northwest and Northeast Corners.	
06-00096	PRAIRIE CREEK	DEAD END AVENUE	01.10 E OF CR 250 W	1910	0	6	7	6	6	5	N	Cut Brush/Apply Herbicide	Force Account		73.0	Cut and Remove Trees Growing Under Bridge West Slope.	
06-00097	DEER CREEK	HAZELRIGG ROAD	01.10 W OF CR 350 W	1935	230	6	5	5	4	5	N	Bridge Replacement	\$ 555,000.00	2029	55.9	Place Riprap Along East Abutment.	
06-00099	DEER CREEK	CR 400N	00.40 W OF CR 500 W	1992	120	6	7	7	7	6	N	Cut Brush/Apply Herbicide	Force Account		87.5	Cut and Remove Brush Along Guardrail.	
06-00100	PRAIRIE CREEK	CR 450N	00.10 W OF CR 275 W	1900	120	5	7	7	5	6	N	Preventative Maintenance	\$ 200,000.00	2032	80.5	Replace Timber Piles at NE Corner Abutment: Remove Logjam & Tree Debris at SW Corner.: Place Fill in Hole in Approach Shoulder NE Corner.: Add Posts to Guardrail at SE Corner of Bridge.	
06-00102	SPRING CREEK	CR 150W	00.05 S OF CR 500 N	1975	260	7	N	N	N	5	6	Scour/ Erosion Mitigation	Force Account		93.0	Place Riprap at Pipe Inlets. Remove Logjam from Pipe Inlets.	15
06-00103	SPRING CREEK	CR 500N	00.10 E OF CR150 W	1992	120	6	6	6	7	5	N	None			87.5		
06-00105	SPRING CREEK	CR 275W	00.25 S OF SR 47	1992	120	6	7	7	7	6	N	Cut Brush/Apply Herbicide	Force Account		87.5	Place Fill Along NE Shoulder.: Remove Trees Growing Under Bridge on Both Slopes. Install Object Markers at Guardrail Ends.: Patch Spalls in Beams with Concrete.: Clean & Seal Joints Over Piers.	
06-00106	PRAIRIE CREEK	CR 350W	00.20 N OF CR 450 N	1994	120	5	5	5	7	7	N	Sign Placement	Force Account		85.0	Remove Debris from Channel Span B.: Place Fill/Riprap in Varmint Hole Near South End Bent.	
06-00107	PRAIRIE CREEK	CR 500W	00.01 N OF CR 450 N	1972	350	6	6	6	7	6	N	Channel Clearing	Force Account		92.9		
06-00108	WOLF CREEK	CR 500W	00.50 S OF SR 32	1965	400	6	5	5	7	5	N	None			76.4		
06-00109	WOLF CREEK	CR 600W	00.80 N OF CR 200 N	1920	120	7	6	6	5	6	N	Bridge Rehabilitation	\$ 174,000.00	2030	80.5		15

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	Wearing Surface			Deck	Superstructure	Substructure	Channel	Culvert	Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted
					ADT	Rating	Rating											
06-00110	DEER CREEK	CR 450N	00.75 W OF CR 500 W	1990	120	7	6	6	7	6	N	Preventative Maintenance			91.5	Remove Rebar Sticking Up at Toe of Both Slopes		
06-00111	WOLF CREEK	CR 400W	00.50 S OF CR 50 S	1920	120	6	7	7	6	8	N	None			84.5			
06-00112	WOLF CREEK	CR 200N	00.40 W OF CR 500 W	1984	120	7	7	7	7	6	N	Scour/ Erosion Mitigation	Force Account		87.5	Place Riprap Along West Abutment.		
06-00113	LITTLE SUGAR CREEK	CR 700W	00.25 N OF SR 32	1920	120	7	7	7	5	6	N	Bridge Rehabilitation	\$ 163,000.00	2027	77.5			
06-00114	WOLF CREEK	CR 675W	01.25 N OF CR 200N	1990	120	6	6	6	7	6	N	Scour/ Erosion Mitigation	Force Account		87.5	Place Designed Riprap on Both Slopes and Remove Livestock Fence from West Side of Bridge.:		
06-00115	WOLF CREEK	CR 350N	00.01 W OF CR 700 W	1981	120	7	6	6	7	6	N	Channel Clearing	Force Account		97.0	Cut and Remove Weeds and Brush Covering Guardrail.		
06-00116	WILEY CREEK	CR 350N	00.30 W OF SR 75	1930	140	5	5	5	5	6	N	Bridge Replacement	\$ 538,000.00	2030	80.4		15	
06-00117	LITTLE SUGAR CREEK	CR 1000W	01.00 N OF SR 32	1920	120	6	6	6	6	6	N	Preventative Maintenance			87.5	Tighten Tie-Rod.:		
06-00124	WALNUT FORK OF SUGAR CR	CR 1175W	00.35 N OF CR 200 S	1930	120	7	6	6	5	5	N	Scour/ Erosion Mitigation	Force Account		77.5	Place Designed Riprap Along Abutments and Pier.:		
06-00125	WALNUT FORK	CR 1100W	00.50 N OF CR 200 S	1910	120	6	6	6	5	6	N	Preventative Maintenance			70.5	Remove Logjam on Upstream End.:		
06-00126	WALNUT FORK OF SUGAR CR	CR 1050W	00.80 N OF CR 200 S	1977	120	5	6	6	7	6	N	Guardrail Replacement	\$ 5,000.00	2027	97.0	Remove Debris from Joint Over Pier 2 and Install Joint Seal.		
06-00127	WALNUT FORK OF SUGAR CR	CR 950W	00.55 N OF CR 100 S	1960	120	7	N	N	N	5	5	Sign Placement			83.0	Patch Spalls and Hole at Southwest Corner Abutment with Concrete.		
06-00130	DIXON CREEK	CR 1000W	00.01 N OF CR 550 N	1920	120	6	7	7	5	5	N	Scour/ Erosion Mitigation	Force Account		77.5	Replace Bridge Rail, Posts, and Anchors at Southeast and Northeast Corners.		
06-00131	LITTLE SUGAR CREEK	CR 1175W	00.02 N OF CR 200 N	1960	120	7	N	N	N	5	6	Sign Placement	Force Account		89.0	Install Correct Height Object Markers in Northwest, Southwest, and Southeast Quadrants.:		
06-00132	LITTLE SUGAR CREEK	CR 200N	01.00 W OF CR 1050 W	1960	120	7	N	N	N	5	6	Sign Placement	Force Account		96.0	Remove Debris/Logjam at Inlet End of Pipes.		
06-00133	LITTLE SUGAR CREEK	CR 900W	00.75 N OF SR 32	1960	120	7	N	N	N	5	4	Bridge Replacement	\$ 535,000.00	2031	68.0	Install Object Markers at All 4 Corners of Pipe Opening.:		
06-00134	WOLF CREEK	CR 900W	00.10 S OF CR 500 N	1966	170	7	N	N	N	5	7	Sign Placement	Force Account		93.0	Remove Logjam from Inlet End of Pipes.		
06-00135	WOLF CREEK	CR 550N	00.70 W OF CR 900 W	1920	120	6	7	7	5	6	N	Bridge Rehabilitation	\$ 234,000.00	2029	80.5	Install Object Markers at All 4 Corners of Pipe Opening.:		
06-00136	DIXON CREEK	CR 550N	00.01 W OF CR 1000 W	1978	120	6	7	7	7	6	N	Preventative Maintenance			83.5	Place Riprap at Inlet End of Pipes.		
06-00137	WOLF CREEK	CR 400N	00.45 W OF CR 700 W	1988	120	5	7	7	7	6	N	Cut Brush/Apply	Force Account		87.5	Install Tie-Rod and Grout Tie-Rod Pockets.		
06-00138	DIXON CREEK	CR 450N	00.25 W OF CR 1050 W	1990	120	7	6	6	7	7	N	Herbicide			87.5	Install "Narrow Bridge" Signs North and South of Bridge.	12	
06-00139	WALNUT FORK OF SUGAR CR	CR 875W	00.90 N OF CR 100 S	1925	120	5	4	4	4	5	N	Preventative Maintenance	\$ 479,000.00	2026	42.7	Place Fill in Varmint Hole at Southeast Corner End Bent.		
06-00140	WALNUT FORK OF SUGAR CR	CR 100S	00.80 W OF CR 950 W	1977	200	7	7	7	7	7	N	None	Force Account		93.0			
06-00142	WELLS DITCH	CR 500S	00.25 E OF SR 75	1960	520	N	N	N	N	6	7	Preventative Maintenance			92.9	Install Standard Bridge and Approach Rail.:		
06-00143	BIG RACCOON CREEK	CR 500S	01.00 W OF CR 1050 W	1960	230	6	6	6	7	6	N	None			93.5	Mill and Overlay Deck. Wedge and Level Approaches. Install Deck Drain Downspouts.		
06-00144	BIG RACCOON CREEK	CR 900W	00.50 N OF CR 500 S	1999	120	7	7	7	8	7	N	None			96.0			
06-00147	BIG RACCOON CREEK	CR 300S	00.30 W OF CR 600 W	2007	350	8	7	7	8	7	N	None			96.0			
06-00148	BIG RACCOON CREEK	CR 600W	00.50 N OF CR 300 S	1930	120	5	5	5	5	4	N	Bridge Replacement	\$ 540,000.00	2023	46.4	Install Standard Bridge and Approach Rail.	8	
06-00149	COOK DITCH	CR 700W	00.25 N OF CR 425 S	1920	120	6	6	6	5	5	N	Guardrail Replacement			73.5	Install Standard Bridge and Approach Rail.		
06-00150	BIG RACCOON CREEK	CR 700W	00.35 N OF CR 425 S	1930	120	5	5	5	5	5	N	Bridge Replacement	\$ 598,000.00	2022	60.8	Install Standard Bridge and Approach Rail.	12	
06-00154 B	N FORK BIG WALNUT CREEK	CR 500W	00.20 S OF CR 550 S	2021	554	9	9	9	9	8	N	None			94.4			
06-00155	EDLIN DITCH	CR 425W	00.10 N OF CR 625 S	1980	120	6	6	6	6	6	N	Guardrail Replacement			87.5	Install Standard Bridge and Approach Rail.		
06-00158	SMITH DITCH	CR 25W	00.20 N OF CR 450 S	1930	810	7	5	5	5	5	N	Bridge Replacement	\$ 640,000.00	2027	64.5	Install posting signs at nearest intersections (W 450 S from south approach, S 50 E from north approach)	15	
06-00159 B	SMITH DITCH	CR 400 S	00.10 E OF CR50 E	2017	260	N	N	N	N	7	7	None			90.0			
06-00160	WILEY THOMPSON DITCH	CR 700S	00.30 W OF CR 200 E	1930	120	5	5	5	5	7	N	Guardrail Replacement			66.0	Install Standard Bridge and Approach Rail with Bridge End Markers.		
06-00161 B	GRASSY BRANCH	CR 600S	00.15 E OF SR 39	2020	400	8	8	8	8	8	N	None			94.5			
06-00162	BETT DITCH	CR 500S	00.19 W OF CR 100 E	1930	120	6	5	5	6	6	N	Bridge Replacement	\$ 545,000.00	2025	70.6	Clear Vegetation from Bridge.:	11	
																Add Riprap to Abutments.		

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	Wearing Surface				Channel	Culvert	Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted	
					ADT	Rating	Deck	Superstructure									Substructure
06-00164	N FORK BIG WALNUT CREEK	CR 550S	00.25 E OF CR500 W	1937	670	6	6	6	6	6	N	Guardrail Replacement		80.0	Install Standard Bridge and Approach Rail.	15	
06-00165	EDLIN DITCH	CR 550S	00.50 W OF SR 39	1980	670	6	5	5	6	7	N	Guardrail Replacement		70.9	Install Standard Bridge and Approach Rail.		
06-00166	CUNNINGHAM DITCH	MDL JAMESTOWN RD	00.30 N OF CR 400 S	1930	120	6	4	4	4	6	N	Bridge Replacement	\$ 505,000.00	2029	44.6		12
06-00168	EDLIN DITCH	ELDIN ROAD	00.15 S OF CR 400 S	1940	120	7	7	7	5	5	N	Scour/ Erosion Mitigation	Force Account		77.5	Install Riprap at SE Abutment.: Install Standard Bridge and Approach Rail with Bridge End Markers.	
06-00174	SMITH DITCH	CR 125E	00.60 N OF CR 400 S	1930	120	5	5	5	5	5	N	Bridge Replacement	\$ 522,000.00	2021	48.4		8
06-00175	SMITH DITCH	CR 350S	00.10 W OF CR 125 E	1930	120	5	5	5	5	5	N	Bridge Replacement	\$ 532,000.00	2021	61.9		10
06-00177	WHITE LICK CREEK	CR 300E	00.45 N OF CR 550S	1996	120	7	8	7	8	6	N	None			96.0		
06-00178	PRAIRIE CREEK	CR 100S	01.30 W CR 300 E	1920	850	6	6	6	4	5	N	Bridge Rehabilitation	\$ 294,000.00	2025	50.6		
06-00179	FISHBACK CREEK	CR 575E	00.40 N OF CR 450 S	1987	110	7	7	7	7	7	N	Sign Placement	Force Account		87.5	Install Object Markers at Ends of GRET.: Remove Trees Growing Under Bridge on South Slope.	
06-00180	FISHBACK CREEK	CR 500E	00.90 N OF CR 450 S	1988	110	7	5	5	6	7	N	Preventative Maintenance	Force Account		77.5	Clean and Paint Piling.: Remove Tree Growing Under Bridge on North Slope.	
06-00181	FISHBACK CREEK	CR 400S	00.30 W CR 575 E	2015	6820	7	7	7	8	7	N	Preventative Maintenance			97.0	Remove Debris from Deck. Cut Exposed Timber Piles from Formwork to Grade.	
06-00182	FISHBACK CREEK	CR 650E	00.20 N OF CR 550 S	1965	2320	6	6	6	7	6	N	Preventative Maintenance			79.8	Patch Holes in Asphalt Overlay.: Install Object Marker at End of Guardrail NE Corner.: Repair Bridge Rail West Side of Bridge Span B and NE Corner.	
06-00184	FISHBACK CREEK	CR 450E	00.25 N OF CR 400 S	1995	110	6	6	6	7	7	N	Sign Placement	Force Account		96.0	Install Object Markers at Ends of GRET.: Cut and Remove Vegetation and Debris Around Bridge.: Remove Debris from Deck. Cut Vegetation from Bridge and Object Markers.: Place Fill Behind Wings.: Patch Spalls in Bottom and Face of Slab with Concrete.: Reduce Aggregate Overlay to Maximum 3".	
06-00185	BRANCH OF FISHBACK CREEK	CR 450E	00.70 N OF CR 400 S	1930	110	5	6	6	6	6	N	Cut Brush/Apply	Force Account		78.0		
06-00186	FISHBACK CREEK	CR 500S	00.10 W OF CR 650 E	1998	110	7	7	7	7	7	N	None			96.0		
06-00189	BIG EAGLE CREEK	CR 300S	00.75 W OF SR 421	1983	4520	7	7	7	7	6	N	Preventative Maintenance	Force Account		75.2	Remove Debris from Expansion Joints.: Remove Logjam Caught on Pier 2.: Place Fill/Riprap in Scour/Varmint Hole Under East End Bent. Regrade Riprap East Slope.	
06-00190	JACKSON RUN	400 S/300 S CONNEC	0.20 S CR E 300 S	2018	360	8	N	N	N	8	7	None			100.0		
06-00192	JACKSON RUN	CR 300S	00.65 W OF CR 875 E	1940	2023	7	4	3	4	4	N	Bridge Replacement	\$ 725,000.00	2024	28.5	Install Object Marker at End of Guardrail Northwest Quadrant: Place Riprap Along East Abutment.	11
06-00193	JACKSON RUN	CR 300S	00.30 W OF CR 700 E	1950	1480	7	N	N	N	7	6	Bridge Replacement	\$ 612,000.00	2028	92.8		15
06-00194	BRANCH OF FISHBACK CREEK	CR 300S	00.25 W OF CR 450 E	1995	1410	6	7	7	7	7	N	Sign Placement	Force Account		94.8	Install Object Markers at Ends of GRET NW and SE Corners.	
06-00195	LENNOX DITCH	CR 200S	00.70 W OF CR 900 E	1900	710	6	7	7	5	5	N	Sign Placement	Force Account		63.8	Reduce Asphalt Overlay Thickness.: Raise Bridge and Approach Guardrail. Remove Debris from Expansion Joints and Gutters.: Cut and Remove Tree Growing Under Bridge at Northwest Corner.: Patch Spalls in Reinforced Concrete Bridge Approaches and Deck with Concrete.	
06-00196	BIG EAGLE CREEK	CR 200S	00.80 W OF SR 421	1990	1030	6	7	7	7	7	N	Bridge Cleaning	Force Account		87.3	Install Object Markers at End of Bridge Rail NE & SE Quadrants.: Install Object Markers at End of Bridge Rail NE & SE Quadrants.: Place Designed Riprap Around Pier 2.	
06-00198	MOUNTS RUN	CR 900E	00.01 N OF CR 150 S	1970	1230	6	6	6	7	4	N	Sign Placement	Force Account		79.8	Install Tie-Rod and Grout Pockets.: Install Object Marker at End of Guardrail SE Quadrant.	
06-00199	MOUNTS RUN	CR 800E	00.30 N OF CR 100 S	1980	110	6	5	5	6	5	N	Sign Placement	Force Account		76.5		
06-00200	IRISHMAN RUN	OAK STREET	02.98 W US 421	2009	14000	N	N	N	N	6	7	Cut Brush/Apply Herbicide	Force Account		98.0	Remove brush and tree growth at bridge.	
06-00201	FISHBACK CREEK	OAK ROAD	01.83 W I-65	1960	14819	7	6	7	7	7	N	Preventative Maintenance			91.8	Patch Spalls at Expansion Joints, East RCBA, & Beam 6 Span B with Concrete. Reseal Expansion Joints.: Repair Guardrail and GRET in NW, NE & SW Quadrants.	
06-00202	EAGLE CREEK AND TRAIL	SYCAMORE STREET	00.81 W OF US 421	1955	13150	8	8	8	7	8	N	None			94.2		
06-00203	BIG EAGLE CREEK	CR 1100E	00.05 S OF CR 550 S	1965	2210	6	6	6	7	5	N	Bridge Rehabilitation	\$ 366,000.00	2029	78.6		
06-00204	MOUNTS RUN	CR 950E	00.80 S OF CR 100 S	1893	110	6	6	6	5	5	N	Guardrail Replacement			63.5	Repair Guardrail/GRET in Southwest & Southeast Quadrants. Reverse Guardrail Splice at Southwest Corner. Repair Northeast Wing & Guardrail Post Connection.	
06-00205	BIG EAGLE CREEK	CR 100S	00.30 W OF US 421	1986	110	5	5	5	6	6	N	Bridge Rehabilitation	\$ 628,000.00	2026	76.5		
06-00208	FISHBACK CREEK	CR 700E	00.24 N OF CR 550 S	1980	510	7	N	N	N	6	6	Sign Placement	Force Account		92.9	Install Object Markers/Delineators at All 4 Corners of Pipe Opening.	15
06-00210	FISHBACK CREEK	CR 550S	00.45 W OF CR 800 E	1965	2010	8	5	5	6	7	N	Cut Brush/Apply Herbicide	Force Account		65.6	Cut and Remove Vegetation Growing Around Bridge.: Remove Logjam Caught on Pier 2.	
06-00211	FISHBACK CREEK	KISSEL ROAD	00.15 S OF HUNT CLUB ROAD	1970	750	N	N	N	N	4	6	Scour/ Erosion Mitigation	Force Account		92.9	Place Riprap at Inlet.	

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	ADT	Wearing Surface						Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted
						Rating	Deck	Superstructure	Substructure	Channel	Culvert						
06-00212	FISHBACK CREEK	KISSEL ROAD	00.30 N OF HUNT CLUB ROAD	1960	740	6	6	6	6	4	N	None			77.4		
06-00215	IRISHMAN RUN	HUNT CLUB ROAD	00.55 W OF CR 1000 E	1995	970	8	7	7	7	5	N	None			90.4		
06-00216	FISHBACK CREEK	HUNT CLUB ROAD	00.65 W OF CR 850 E	1970	680	7	6	6	6	5	N	Preventative Maintenance			91.9	Patch Spalls with Concrete.: Install Standard Bridge and Approach Rail with Bridge End Markers.	
06-00217	LITTLE EAGLE CREEK	TEMPLIN ROAD	00.30 W OF US 421	1970	1300	5	4	4	6	6	N	Bridge Replacement	\$ 1,298,000.00	2022	49.6		
06-00219	EAGLE CREEK	ZIONSVILLE ROAD	00.15 S OF OAK STREET	1995	8600	7	7	8	7	7	N	Channel Clearing	Force Account		75.3	Remove Logjam Caught on Pier 2.	
06-00220 B	EAGLE CREEK	FORD ROAD	00.50 S I-865	2015	7760	8	8	8	8	6	N	None			77.3		
06-00221	ETTER DITCH	CR 750S	01.10 W OF CR 600 E	1992	620	8	5	6	7	7	N	None			90.9		
06-00222	WHITE LICK CREEK	CR 750S	00.25 W OF CR 475 E	1964	620	7	6	6	7	7	N	Guardrail Replacement			77.4	Install Standard Bridge and Approach Rail with Bridge End Markers.	
06-00225	BIG RACCOON CREEK W FORK BIG WALNUT CREEK	CR 1050W	00.40 N OF CR 500 S	1983	110	7	7	7	7	7	N	Guardrail Replacement			97.0	Install Standard Bridge and Approach Rail.	
06-00227	EDLIN DITCH	CR 800S	00.75 W OF CR 675 W	1965	340	6	7	7	7	6	N	None			86.9		
06-00228	EDLIN DITCH	CR 600W	00.30 N OF CR 750 S	1965	110	6	7	7	7	7	N	None			96.0		
06-00229	W FORK BIG WALNUT CREEK	CR 600W	00.90 N OF CR 750 S	1980	200	6	6	6	4	5	N	Bridge Replacement	\$ 580,000.00	2029	62.5	Install Standard Bridge and Approach Rail.	
06-00230	W FORK BIG WALNUT CREEK	CR 675W	00.20 N OF CR 800 S	1988	10	6	6	5	6	6	N	Guardrail Replacement			77.9	Install Standard Bridge and Approach Rail.	
06-00231	LITTLE SUGAR CREEK WILEY THOMPSON DITCH	CR 1050W	00.85 N OF SR 32	1960	170	7	N	N	N	5	6	Scour/ Erosion Mitigation	Force Account		96.0	Place Riprap at Inlet End of Pipes.: Install Object Markers/Delineators at All 4 Corners of Pipe Opening.	
06-00239	ZIONSVILLE TRAIL/DITCH	CR 200E	00.30 N OF CR 800 S	2005	420	7	7	8	7	8	N	None			94.9		
06-00257	BLOOD LANE	BLOOD LANE	00.10 E FORD ROAD	1920	1870	6	6	6	5	5	N	Preventative Maintenance			65.6	Patch Abutments, Pier Caps, and Pier Columns with Concrete.: Install Object Markers at Ends of Guardrail All 4 Corners.	
06-00268 B	ROSS DITCH	CR 750S	00.15 W OF CR 75 W	2012	110	N	N	N	N	7	8	None			100.0		
06-00273	EDLIN DITCH	CR 500W	00.75 N OF CR 750 S	1955	370	6	6	6	6	7	N	None			88.9		
06-00278	PRAIRIE CREEK	PERRY-WORTH ROAD	00.25 S OF CR 100 S	1965	740	6	5	5	5	5	N	Sign Placement	Force Account		73.7	Install Object Markers at Ends of Bridge Rail.	
06-00283	PRAIRIE CREEK	INDIANAPOLIS AVE.	00.01 SW I-65	1965	1390	6	5	6	5	5	N	Cut Brush/Apply Herbicide	Force Account		76.2	Cut & Remove Tree Growing at NE Corner of Bridge.	
06-00284	PRAIRIE CREEK BRANCH OF WALNUT FORK	INDIANAPOLIS AVE.	00.01 SW I-65	1965	1390	7	N	N	N	6	6	Guardrail Replacement			96.8	Install Bridge Rail/Guardrail and GRET all 4 Quadrants.	
06-00285	PRAIRIE CREEK	CR 200S	00.40 W OF CR 1100 W	1940	110	5	5	5	6	6	N	Bridge Replacement	\$ 493,000.00	2028	67.4	Install Object Markers/Delineators at All 4 Corners of Bridge Opening.: Patch Pothole in Asphalt Overlay.: Cut and Remove Trees and Vegetation Around Bridge.	15
06-00287	PRAIRIE CREEK	PERRY-WORTH ROAD	00.01 NE I-65	1965	740	6	7	7	7	6	N	Sign Placement	Force Account		96.8		
06-00300	PRAIRIE CREEK	PATTERSON STREET	00.40 N OF SR 32	1995	710	7	7	7	7	8	N	Preventative Maintenance	Force Account		88.9	Place Fill in 12" Deep Hole in Asphalt Along Sidewalk at Southwest Corner.	
06-00301	PRAIRIE CREEK	LAFAYETTE AVENUE	00.30 N OF SR 32	1997	740	7	7	8	7	6	N	Bridge Cleaning	Force Account		92.9	Remove Debris from Expansion Joints.: Place Riprap on North Slope.	
06-00302	PRAIRIE CREEK	CHICAGO STREET	00.01 W OF JAMESON ST.	1955	400	7	7	7	7	6	N	Preventative Maintenance			96.0	Raise Approach Sidewalks at NE, SW, & SE Corners to Match Bridge Sidewalk.	
06-00304	PRAIRIE CREEK	W BUSBY STREET	00.02 E OF JAMESON ST.	1910	400	5	5	6	5	6	N	Preventative Maintenance			69.4	Raise Approach Sidewalk NE Corner to Match Bridge Sidewalk.: Patch Delamination and Spalls in Top of Deck with Concrete.	
06-00305	PRAIRIE CREEK	N WEST STREET	00.10 S OF ROYAL ST.	2003	310	7	N	N	N	7	7	None			100.0		
06-00306	PRAIRIE CREEK	ROYAL STREET	00.01 W OF SR 39	2000	400	7	N	N	N	7	7	None			100.0		
06-00307	PRAIRIE CREEK	N MERIDIAN STREET	00.10 N OF ROYAL STREET	2002	420	7	N	N	N	7	6	None			100.0		
06-00308	PRAIRIE CREEK	N EAST STREET	00.10 N OF ROYAL ST.	2000	1190	7	7	7	7	7	N	Bridge Cleaning	Force Account		99.9	Remove Debris from Deck Drains.	
06-00309	PRAIRIE CREEK	E FORDICE STREET	00.01 W OF PARK STREET	2008	790	6	N	N	N	8	6	None			99.9		
06-00310	PRAIRIE CREEK	PARK STREET	00.02 S OF FORDICE STREET	1935	480	6	6	6	6	5	N	Bridge Replacement	\$ 903,000.00	2029	83.1		13
06-00311	PRAIRIE CREEK	WILLIAMS STREET	00.25 E OF PARK STREET	1972	790	8	8	8	7	8	N	None			78.9		
06-00312	PRAIRIE CREEK	GRANT STREET	00.10 N OF WASHINGTON ST.	1968	810	7	7	7	7	7	N	Channel Clearing	Force Account		79.9	Remove Logjam Caught on Utility Line Piers West Side of Bridge.	
06-00313	PRAIRIE CREEK	E WASHINGTON ST.	00.10 E OF GRANT ST.	1990	570	6	6	6	6	7	N	Sign Placement	Force Account		91.9	Install Object Markers/Delineator Posts at All 4 Bridge Rail Corners.	
06-00314 B	PRAIRIE CREEK	MAIN STREET	00.15 E OF GRANT ST.	2016	110	7	8	8	8	8	N	Sign Placement	Force Account		95.0	Install Object Markers/Delineator Posts at All 4 Bridge Rail Corners.	
06-00315	SMALL REYNOLDS DITCH	GARFIELD STREET	00.01 N OF FAIRLANE DR.	2003	590	7	7	7	7	7	N	Preventative Maintenance			98.9	Raise Sidewalks at NW & NE Corners to Match Bridge Sidewalk.	
06-00400	BROWN'S WONDER CREEK	CR 750N	00.90 E OF CR50 W	2009	170	6	8	8	8	8	N	Preventative Maintenance			96.0	Seal Cracks in Asphalt Overlay and Approaches.	
06-00401	JACKSON RUN	CR 300S	00.60 W OF CR 975 E	1950	2410	7	N	N	N	4	5	Scour/ Erosion Mitigation	Force Account		85.6	Place Riprap at Inlet and Outlet Ends of Pipes.: Remove Logjam Caught on Inlet End.	
06-00402	LITTLE EAGLE CREEK	WILLOW ROAD	00.50 E OF US 421	1995	1300	6	6	6	7	6	N	Channel Clearing	Force Account		92.3	Remove Logjams/Debris Caught on Piers 5 and 6.: Remove Tree Growing Under Bridge on East Slope.	
06-00403	IRISHMANS RUN	IRISHMANS RUN LANE	00.90 W OF FORD ROAD	1995	140	6	7	7	7	6	N	None			89.6		

Appendix A

Asset Name	Feature Intersected	Facility Carried by Structure	Location	Year Built	Wearing Surface				Channel	Culvert	Type of Work	Total Project Cost	Year of Improvement Cost Estimate	Sufficiency Rating	Maintenance Comments	Tons Posted
					ADT	Rating	Deck	Superstructure								
06-00404	LONG BRANCH CREEK	MAYFIELD LANE	00.15 S OF SYCAMORE STREET	1985	50	7	7	7	4	N	Sign Placement	Force Account	86.5	Install Object Markers at All 4 Corners of Bridge Rail.		
06-00405	UNAMED DITCH	ROCK BRIDGE DRIVE	00.01 N OF CR 400 S	2008	170	7	N	N	7	8	None		100.0			
06-00594	BRANCH OF MOUNTS RUN	CR 700E	00.15 S OF SR 32	1980	110	7	N	N	5	6	Channel Clearing	Force Account	93.0	Remove Logjam/Debris from Inlet End.:		
06-00595	WHITELICK DITCH	PERFORMANCE WAY	00.30 E OF SR 267	2007	1	N	N	N	7	7	None		95.0	Install Object Markers/Delineators at All 4 Corners of Pipe Opening.		