



The Newsletter

of the National Society for the
Preservation of Covered Bridges, Inc.

Fall 2020



Risen from the Ashes

The new Whites Bridge (MI/22-34-01#2) in Ionia County, Michigan is complete and open to traffic seven years after its predecessor was lost to arson.

Photo by Jim Allen

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The **NSPCB Newsletter** is published quarterly to keep the membership informed of current bridge news and upcoming events.

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Next Newsletter Deadline

The next *Newsletter* is scheduled to be mailed in early **December**, therefore, anyone wishing to submit articles should send them by **November 15, 2020**. Articles and photos can be emailed to nspcb@yahoo.com or mailed to Bill Caswell at the address above.

We appreciate any information sent in even if we cannot ultimately use it in the *Newsletter*.

NSPCB Website

www.coveredbridgesociety.org

Welcome New Members

Thomas Clymer, Berwick, Pennsylvania
Mary Diehl, Auburn, Indiana
Anne Elmlinger, Newark, Delaware
Ed Grosvenor, Rockville, Maryland
Tim and Connie McLaughlin, East Fallowfield, Pennsylvania
El and Corena Sayre, Nicholasville, Kentucky
Henry Schmitt, Covington, Indiana

Welcome New LIFE Member

#199 Fountain County Art Council, Inc. / Historical Committee,
Covington, Indiana

Meet a Member

[Editor's note: At February's Board meeting a suggestion was made to feature articles about some of the people who work behind the scenes to support the Society's mission. For this issue, the spotlight is turned on Carol Colaianni who has prepared the graphics for the past three NSPCB calendars.]

I photographed my first covered bridge in 2011 and it was two years before I photographed another. My cousin, who is a watercolor artist specializing in covered bridges, mentioned to me that he wanted to photograph some covered bridges to eventually paint. I remembered those bridges I had photographed two years before and invited him and his wife to meet me at a local diner near the bridges and I promised to show him six bridges in an afternoon.



It was that short trip that got me hooked on photographing the covered bridges in New Hampshire. I had to find them all. I even contacted Arnold Grāton to see if he had any old wood from his covered bridge work that I could purchase. He and his wife Meg were so gracious to me, gifting me several pieces of timber from old covered bridges to make frames for my photos. I knew these were the kind of people I wanted to be connected to. I joined the Society in August 2013 and because I had experience with Photoshop I offered to help with putting together the Calendar starting in 2019.

President's Message

I hope that this message finds you healthy and well. For those of you who are frontline healthcare workers or first responders, thank you for the work you do putting your health and safety on the line for the rest of us.

Jenn & I had planned to take a vacation to the northern plains states this summer, the last of the 48 continental states that she has not yet visited. We opted to save that trip for another time and spend our vacation with the family closer to home. We had a great time visiting some of New Hampshire's covered bridges along with a number of other outdoor activities.

One of the articles in the issue of *Topics* that was mailed with this *Newsletter* reminds us of the importance of gathering information from people who have done specialized research. In the article on the Two Bayou Bridge which formerly stood near Camden, Arkansas, editor Scott Wagner noted that the article's author, Carolyn Cox, passed away on June 13th at age 76. Ms. Cox was still working on research for the article at the time of her death. We are fortunate that she shared her research with us adding new details to our knowledge of that state's last historic covered bridge.

Although COVID-19 has certainly disrupted many aspects of our lives, it has also forced us to look at things differently than before and provided opportunities to extend our reach. While the technology certainly existed before the pandemic, we had not given much thought to using video conferencing so members living far from the meeting locations could participate. We are a national organization, yet only a small percentage of our members could attend a meeting.

After cancelling the March and June meetings, we tested the waters by using Zoom to meet for the May Board meeting. That worked out well so we did the same for the June member meeting. In July, we were able to arrange for some to gather in person following social distancing guidelines plus provide an option for others to join remotely. Being the first time we had attempted this, we were learning as we went. Once we got the hang of it, the meeting went smoothly. Now that we are getting more comfortable running meetings this way, I would like to continue offering access via Zoom when possible.

As I mentioned last quarter, another positive aspect is the access to information which was not available to us before. In this issue we include another report of a presentation done by one of our members which is available to a much wider audience than if it were only presented in person. In early June I also prepared a presentation for a local library to post online. Talking to a computer in an empty room is very different than having a live audience. While I enjoy the opportunity to "attend" these virtual presentations, it will be nice to be part of a live audience again.

While many areas are struggling with the economic challenges associated with the loss of summer tourism, others are booming. Stephanie Siegel, executive director of the Ashtabula County Convention and Visitors Bureau in northeastern Ohio stated that they are receiving more requests for covered bridge information because the covered bridges naturally lend themselves to social distancing.¹ The fall is a great time to get out and visit our covered bridges. If you are able to get out and visit some bridges, please remember to keep us informed of any issues which need our attention. We need everyone's help watching over our historic covered bridges.

Stay safe. We will chat again soon.

Bill Caswell



Family visit to the Swift River Covered Bridge (NH/29-02-05) in Conway, New Hampshire.

¹ *Ashtabula Star Beacon*, July 24, 2020.

Upcoming NSPCB Meetings & Events

All meetings begin at **1:00 PM** unless otherwise noted. Restrictions on public gatherings due to COVID-19 have altered the schedule for this year. If you plan to attend a meeting, please check the website (www.coveredbridgesociety.org) or contact Bill Caswell at nspcb@yahoo.com a couple days before the event to confirm that it will be taking place.

Sunday, September 27 – Annual picnic hosted by Carmela Sciandra at her home, 201 Russell Farm Road, Lunenburg, Vermont. Lunch at noon, meeting beginning at 1:00. Zoom will not be available for this meeting.

Saturday, October 24 – There will not be a dinner meeting this year. In accordance with the by-laws, a business meeting will be held on this date. Anyone wishing to participate should contact us at nspcb@yahoo.com for a link to the Zoom meeting. Additional details are in a separate article.

June Meeting

The continued impacts of COVID-19 prompted us to hold the June meeting via Zoom on June 28th. Eighteen members and one guest participated in the meeting.

Mike Edgecomb, a children’s book author, discussed his interest in preparing short videos for 8-12 year olds on various aspects of local history. The project is an extension of his book *To Fly on a Cloud: New Hampshire* where 11-year-old Jacob and 12-year-old Max are whisked away on a magical cloud to learn about New Hampshire history.

The group discussed a request for fire retardant for the 1873 Spencerville Bridge (IN/14-17-01) in DeKalb County, Indiana by the Friends of the Spencerville Covered Bridge, a local group raising money to restore the bridge. The bridge is owned by the county and the County Commissioners supported the group’s request. Steve Sass of Crestline Industries worked with them to prepare a quote for the work in the amount of \$1,510. The members approved the request, the material was ordered and delivered on July 8th.



July Meeting

In a slight return towards normal, the July meeting was held live and via Zoom. Since the venue originally scheduled was not available, it was moved to the Horace Chase Masonic Lodge where we had enough space to socially distance plus the technology available to include others via Zoom option for those who preferred to attend that way. Eleven people attended in person and seven more took advantage of the Zoom option. The 2021 calendars were available for sale and the group discussed ways to promote sales knowing that we are not likely to have any public events this year. At the time of the meeting, the Warner Fall Foliage Festival, our primary event for the year, was still on the schedule, but the following week word came that it too was cancelled.



Knowing that the venues for the scheduled August and October gatherings would not be available, adjustments were made to the calendar for the remainder of the year. With the success of the combined live and Zoom meeting, it was decided that the August meeting would follow suit. The discussion of the Annual Dinner and Meeting follows.

Annual Meeting Changes

The regular venue for the Annual Dinner is not available and no other location was likely to be found in time to make arrangements and notify all members. There will be a business meeting in October as stated in the by-laws, but it will not be a dinner meeting. After discussing a number of options for handling the election of officers, the members attending the July meeting decided that, if they are willing to continue, the present slate of officers and nominations will continue in their present positions for another year. All of the elected officers were present at the meeting and indicated that they would be willing to serve for another year. This will be confirmed at a Zoom meeting on October 24th. Email us at nspcb@yahoo.com if you wish to participate in the Zoom meeting.

In Memorium

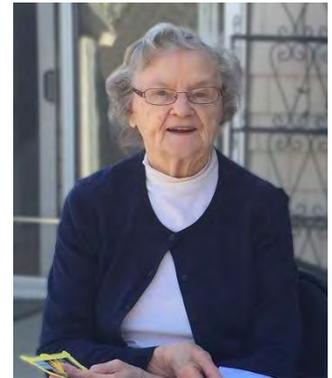
June Roy

Life Member June Helen (McDonough) Roy, age 85, died June 1, 2020 peacefully at her home after a lengthy illness. She was born on July 22, 1934 to the late Helen (Shea) and Joseph McDonough.

June was a lifelong resident of Manchester, New Hampshire attending McDonald School and St. Joseph High School, later working at Manchester Hosiery before becoming a full-time homemaker. She was a devoted wife, mother, grandmother and great grandmother who enjoyed spending time with her family. She was

Memorial donations may be made to the Alzheimer's Association in June's name: NH Alzheimer's Association, 2 Commerce Drive, Suite 210, Bedford, NH 03110.

predeceased in 2017 by her husband of 59 years, Richard (Dick) Roy. June is survived by her daughters Cheryl Hetzel Krumenacker and her husband David Krumenacker of Manchester and Karen Capen of Manchester; two grandchildren and three great-grandchildren.



Walter Daniels

Member Walter Milton Daniels passed away on April 26, 2020 at age 87. He was born in Columbus, Ohio on August 17, 1932 and is survived by his wife of 64 years, Catherine, two daughters, five grandchildren and one great grandson. Catherine shared that Walter had photographed all the covered bridges in Ohio, Indiana and several other states. He even found two in Nebraska. He enjoyed reading the details about the bridges in *Topics*.

Archives Update

On June 27th, Scott Wagner, Carmela Sciandra, Jenn and Bill Caswell picked up more items from Dick Roy's personal collection and material which had been donated to the Society by Evelyn Thomas. Since the Society did not have any place for storing items at the time they were donated, Dick had been keeping them at his home for the past four decades.

On July 25th, Bill & Jenn made another trip to complete the acquisition. Bill has started scanning the hundreds of photos picked up between these two trips. There are also a substantial number of older *Topics* issues. If anyone is interested in obtaining older issues, particularly those from the 1970s until around 2000, let Bill know. Once we have a chance to organize the collection and know exactly what we have, we can begin helping people fill voids in their personal collections of *Topics*. Although we have only begun processing this acquisition, we have already filled some voids in the Society's collection of covered bridge society publications.

Covered Bridge Meetings & Events

For more information on these events from other bridge societies, visit their websites.

- Covered Bridges Conservation Association of New Brunswick, Canada (CBCANB)
 www.facebook.com/groups/CoveredBridgesConservationAssociationNB/
- Covered Bridge Society of Oregon (CBSO) www.covered-bridges.org/
- Indiana Covered Bridge Society (ICBS) www.indianacrossings.net/
- New York State Covered Bridge Society (NYSCBS) www.nycoveredbridges.org/
- Ohio Historic Bridge Association (OHBA)..... oldohiobridges.com/new/
- The Theodore Burr Covered Bridge Society of Pennsylvania (TBCBSPA)..... www.tbcbspa.com/
- Vermont Covered Bridge Society (VCBS) www.vermontbridges.org/

Due to the COVID-19 situation, meetings could be cancelled on short notice. If you plan to attend, please confirm that the meeting will actually be taking place with the organization hosting the event.

<u>September</u>	<p>September 10-13 – Roann Covered Bridge Festival, Roann, Indiana. For more information, visit https://roanncoveredbridgefestival.com/ or call 765-833-2136.</p> <p>September 11-13 – 50th Anniversary Cumberland Covered Bridge Festival at the Cumberland Covered Bridge, Matthews, Indiana. For more information, visit http://www.matthewscoveredbridgefestival.com/ or call 765-998-2928.</p> <p>Saturday, September 12 – 10:30 AM, OHBA Fall Bridge Tour and 60th Anniversary Celebration at the Twin City Opera House, 15 W. Main St., McConnelsville, Ohio. For more details, visit the Society’s website listed above.</p> <p>Sunday, September 13 – 1:00 PM, NYSCBS meeting, Grooms Tavern, 290 Sugar Hill Rd, Rexford, New York.</p> <p>Sunday, September 13 – Noon, TBCBSPA Annual Picnic and meeting at Poole Forge Bridge. Everyone bring your own food and utensils.</p> <p>Sunday, September 20 – 1:00 PM, ICBS Fall Business Meeting, Matthews History Museum, 816 S. Washington St., Matthews, Indiana.</p>
<u>October</u>	<p>Sunday, October 4 – 2:00 PM, TBCBSPA Monthly Meeting at St. Paul’s Episcopal Church, Manheim, Pennsylvania. Program: "Our Society's Year in Review" by President Thomas E. Walczak.</p> <p>Saturday, October 17 – 10:00 AM, Vermont Covered Bridge Society Fall Meeting will be hosted by Terry and Jane Shaw in Jeffersonville at the Visions of Vermont Art Gallery.</p>
<u>November</u>	<p>Sunday, November 1 – 2:00 PM, TBCBSPA Monthly Meeting & Bake Sale at St. Paul’s Episcopal Church, Manheim, Pennsylvania. Program: "Covered Bridge Photos from our Society's Founder, Vera Wagner" by Fred Moll.</p> <p>Sunday, November 8 – NYSCBS Annual Dinner and Meeting with Christmas card exchange at the Hamden Community Hall (behind the church) 35806 St. Hwy 10, Hamden, New York. Doors open at 11:00 AM, Turkey Dinner at noon, meeting after.</p> <p>Sunday, November 15 – 1:30 PM, OHBA Annual Business Meeting, Ohio History Connection Auditorium, 800 E. 17th Ave., Exit 111 off of Route 71.</p>
<u>December</u>	<p>Saturday, December 12 – Noon, TBCBSPA Annual Christmas Dinner, Shady Maple Smorgasbord, 129 Toddy Dr., East Earl, Lancaster, County, PA.</p>

Cancelled Fairs and Festivals

The fall is typically the time for a number of covered bridge festivals and related events. It appears that most of them have been cancelled for this year. Here are notes related to some of the larger festivals.

The Ashtabula County Covered Bridge Festival was cancelled due to a ban on fairs and festivals from the state of Ohio. The organizers had previously planned a modified event without a central festival, only small events at bridge locations. "We evidently couldn't pare it down enough for the Health Department to allow us to continue," said Ginger Whitehead, executive director of the Ashtabula County Covered Bridge Festival. Next year's Covered Bridge Festival is scheduled for October 8-9, 2021.²

In Pennsylvania, the Columbia-Montour Visitors Bureau (CMVB) announced the cancellation of the 2020 Covered Bridge and Arts Festival held at Knoebels Amusement Resort each October due to the unpredictability of COVID-19 and state limitations on gathering groups. The festival draws nearly 400 vendors and 150,000 visitors from across the country. "We struggled mightily in making this decision. Having a front-row-seat to the total upheaval within our industry provided us with a unique perspective that assures us we made the difficult, but correct, decision," CMVB Board President Stephanie Severn said. Next year's event is scheduled for October 7-10, 2021, for its 39th anniversary.³

On July 17th, WOI-TV reported that the Madison County (Iowa) Chamber of Commerce Board of Directors decided to cancel the 2020 Madison County Covered Bridge Festival scheduled for October 10 & 11. A post on the chamber's Facebook page stated that "In order to have the Festival this year, while maintaining safe social distances and hygienic practices, many elements that make our event special and unique would have been eliminated, and it would simply not be the same event that residents and visitors know and love." Next year's festival is scheduled for October 9 & 10, 2021.

Organizers of the White Bridge Festival in Greene County, Pennsylvania were hoping that they could keep their event on the calendar while taking steps to keep the event safe for vendors and guests. However, at their meeting on August 4th, the White Covered Bridge Association decided that it was in the best interest of the community to cancel the event. The two-day festival in mid-September is usually part of the Washington and Greene Counties' Covered Bridge Festival.⁴

On August 17th, the Parke County (Indiana) Board of Commissioners voted to cancel this year's covered bridge festival by a 2-0 vote with one member abstaining due to family business interests connected to the festival. Although residents had presented discussion on both sides of the debate, the Commissioners noted that not one had presented a solid reason to continue other than income. They felt that there was no realistic way the county could enforce or hope to achieve anti-COVID measures recommended by the Centers for Disease control or the Indiana State Department of Health.⁵

2022 Calendar

Now that the 2021 calendars are printed and available for sale, it is time to start planning for 2022. As you travel around this fall and winter, watch for opportunities for calendar photos. We are accepting photos until February 28, 2021. In past years, some people have only sent in a single photo while others have submitted many. At the July 2020 meeting, it was decided that each individual can submit up to ten recent photos to be considered for the calendar. There had not previously been a limit.

Photos should be submitted to Bill Caswell in a digital format at a high enough resolution so it still looks good at 8½" x 11". As in the past, the committee will be looking for images from a variety of states and seasons so the calendar presents structures throughout the United States and Canada. Images of bridges which have not yet been featured on one of our calendars will be given preference over those which have already been included. Images showing some of the area surrounding the bridge are preferred over tightly cropped photos. This allows space to insert archival photos or just to appreciate the setting of the structure.

² *Ashtabula Star Beacon, July 21, 2020.*

³ *NorthCentralPA.com, July 23, 2020.*

⁴ *Uniontown Herald-Standard, July 22, 2020 and White Covered Bridge Association Facebook Page.*

⁵ *Terre Haute Tribune Star, August 18, 2020.*

Fires – Covered Bridges and Beyond

Steven M. Sass, President Crestline Industries

FIRE! Just saying that word puts fear in the air, yet you certainly recognize how important ‘controlled fire’ is. Actually, science says that when humans discovered how to cook food over a fire, it allowed our brains to expand in a way that encouraged higher intellect. Today, you may only think of fire in your life as needed for food and warmth, but don’t forget that cars and other machines – even computers – require a fire somewhere in their operation.

Historically, there have been big problems with fire for civilization. Consider:

1. One of the greatest losses of all times was the Great Library at Alexandria. In fact, it burned 4 different times -
 - a. 50 B.C. an accident per a ship fire started by Caesar during a siege
 - b. 272 A.D. during occupation of city
 - c. 391 A.D. per order of Roman Emperor
 - d. 640 A.D. [this was the big one] under orders of the Caliph Umar I whose Islamic army had taken the city. When asked by the General what to do with the library and its manuscripts, he reportedly said: If it is in the Koran we don’t need it—if it is not in the Koran, we do not want it - BURN IT ALL!
2. The Great Fire of London 1666 [interesting year]
3. 1814 - The President’s House, W.D.C. - total destruction by fires ignited by British troops. When rebuilt, the fresh paint changed the name to THE WHITE HOUSE
4. 1904 Great Fire of Baltimore, where fire companies from other cities and states came, and found their hoses did not fit Baltimore hydrants
5. 1911 Triangle Shirtwaist fire many workers not able to escape as exit doors were locked
6. 1938 Reichstag fire -- arranged arson helped Hitler’s power grab
7. 1943 Coconut Grove Nightclub fire where people were not able to exit because revolving door became jammed with those fleeing
8. 1967 - Apollo 1 fire where use of pure oxygen caused fatal calamity while on a ground exercise
9. 1980 MGM Grand Hotel in Las Vegas —even sprinklers were not enough, 87 deaths
10. 1993 Branch Davidian Church, Waco Texas, 80 dead
11. 2019 Notre Dame Church in Paris – indications are of arson; no provision had been made for wood dating to 1200 A.D.- most of structure was luckily saved, but extreme water damage
12. The loss of historic facilities is surprisingly high and common, for example, just in the few days prior to this going to print we had these significant fires on July 22 –
 - a. 1870 home in Laurinburg North Carolina
 - b. 215 yr. old Mission Church, San Gabriel, California
 - c. 4 historic businesses in Gardiner Montana – near Yellowstone Park
 - d. Several churches in Paris France

Covered Bridges

The Covered Bridge Society’s website has an extensive list of bridges lost to fire over the years. A link to it can be found at <http://www.coveredbridgesociety.org/arson.htm>. If you have any additions or corrections to that list you can send them directly to the Society at nspcb@yahoo.com or forward it to me at CRESTLN@EROLS.COM with any modifications to the list blow of treated bridges. There were an estimated 10,000 covered bridges in the U.S. at one time and today there are a bit over 1,000. Many were left to decay or were washed away, BUT arsonists seem to take a great delight in destroying the rurally located covered bridges.

We have made great progress in the protection of covered bridges and the National Society has done a lot to help that along. NoChar Fire Preventer has been used on a good number of bridges since 1992. It has the advantages of not changing the appearance, being inexpensive and for interior areas never needing reapplication. The product has also been used in art projects in the Smithsonian and other museums; historic homes like those of James Madison, Thomas Jefferson, Emily Dickinson; the barn at The Reagan Ranch in California and at two of the homes build by Frank Lloyd Wright. Shopping centers and some churches – especially steeples and attics – and even magicians/showman have found the products useful in their exhibitions. [Had the Norte Dame Church in Paris been treated with a few thousand dollars in product, the damage would have probably been much less.]

Personally, I am disappointed that not a single member of the Covered Bridge Society is known to have added protection to his/her home, barn, stable or business. This even at the same time a major stable built and owned by an Amish group in Pennsylvania did a full treatment of their 70,000 sq. ft. structure!, as well as hundreds of other buildings in many places. By the way, with holidays soon before us, you should find the Fire Towel a great gift for parents, children work associates and neighbors. Any order for the towel or NFP itself, that is received within 6 months of this newsletter AND MENTIONS the COVERED BRIDGE SOCIETY will generate a cash payment to the Society from Crestline.

The meat of this article is to update data on treated bridges. I believe the data below does that as of this date, but I welcome corrections and additions. [CRESTLN@EROLS.COM OR PHONE 410-602-8401.] The chart below is obviously organized by state and then community in the state. In the almost 30 years since the first bridge in Maryland was treated, there have been NO LOSSES nor any loss of any other treated item – although one bridge that was to have been treated did burn, but the contractor never applied the material and has since gone out of business!

Examples of Covered Bridges Treated with Fire Retardant



Elder's Mill Bridge, Georgia.
Steve Wolfhope Photo.



Busching Bridge, Indiana. Indiana Covered Bridge Society Photo.



Buskirk Bridge, New York.
Scott Wagner Photo.

Some of the Covered Bridges Treated as part of the NSPCB's Arson Reduction Incentive

Photos by Trish Kane, Bob Sheldon, Gloria Smedley, Bill & Jenn Caswell



Hyde Hall Bridge, New York



Snyder Brook Bridge, New Hampshire



Goddard Bridge, Kentucky



Teegarden Bridge, Ohio



Poole Forge Bridge, Pennsylvania



Red Bridge, Perry Co., Pennsylvania

List of Covered Bridges Reported to Have Been Treated with Fire Retardant

Name	World Guide #	Location	Date	Contractor or Architect
CALIFORNIA				
Bridgeport	05-29-01	Penn Valley	Aug. 2020	Barns & Bridges T. Andrews
CONNECTICUT				
Comstock	07-04-01-#2	Middlesex	Feb. 2011	Barr Inc.
Gold Mine	07-06-21	New London	Oct. 2015	A. M. Graton
GEORGIA				
Elder's Mill	10-108-01	Watkinsville	1998	Oconee County
Coheelee Creek	10-49-02	Blakely	May 2016	County Personnel
Concord Road	10-33-02	Cobb County	Nov. 2017	Suncoast Restoration
INDIANA				
Busching	14-69-04	Versailles	1998	Indiana Park Service
Guilford	14-15-01#2	Guilford	1998	Dearborn Historic Society
Holton	14-69-02	Ripley Co.	1998	Ripley Historic Society
Moscow	14-70-07#2	Rush County	2002	Larry Sterling
Offutt's Ford	14-70-02	Rush County	May 1996	Larry Sterling
Potter's	14-29-01	Nobelsville	1998	Indiana Transport. Dept.
Smith	14-70-01	Rush County	1996	Larry Sterling
Spencerville	14-17-01	DeKalb County	July 2020	Friends of the Spencerville Br.
KENTUCKY				
Beech Fork/Mt. Zion/Mooresville	17-115-01	Springfield	Oct. 2017	A.M. Graton
Cabin Creek	17-68-03	Lewis County	June 2020	A.M. Graton
Goddard	17-35-06	Fleming County	Oct. 2016	A.M. Graton
MAINE				
Bennett-Bean	19-09-03	Lincoln Plantation	2005	Barns & Bridges Tim Andrews
Trout Brook Pony Truss RR Bridge (Arsoned in 2004, Rebuilt in 2017)	19-08-P6	Alna	Oct. 2017+	Volunteers
Watson Settlement	19-02-01	Littleton	2004	VT Protective Coatings
MARYLAND				
Gilpins Falls	20-07-01	Cecil County	2010	Kinsley Construction and Tim Andrews
Jericho	20-03-02	Baltimore Co.	2002	Brawner Construction
Loys Station	20-10-03#2	Frederick County	Dec. 1993	Fitzgerald's Heavy Timber Const.
Loys Station	20-10-03#2	Frederick County	June 2015	Ionion Painting
Roddy Road	20-10-02	Frederick County	June 1994	Fitzgerald's Heavy Timber Const.
Roddy Road	20-10-02#2	Frederick County	June 2015	Ionion Painting
Utica Mills	20-10-01	Frederick County	March 1998	Fitzgerald's Heavy Timber Const.
Utica Mills	20-10-01	Frederick County	June 2015	Ionion Painting
MASSACHUSETTS				
Arthur Smith	21-06-03#2	Colrain	1994	Phil Sherborne
Conway	21-06-01	Conway	April 1995	F. Keitner/ReastonP
Gilbertville	21-08-04	Gilbertville	Oct. 2014	E.T&L Corporation
Green River	21-06-02#2	Greenfield	April 2014	E.T&L Corporation
Pepperell	21-09-01#3	Pepperell	May 2010	S&R Corporation
Upper Sheffield	21-02-01#2	Sheffield	Oct. 1998	Wright Construction

Name	World Guide #	Location	Date	Contractor or Architect
NEW HAMPSHIRE				
Ashuelot	29-03-02	Winchester	May 1998	Limerick Steeple Jacks
Bath Village	29-05-03	Bath	June 2014	Wright Construction
Blair	29-05-09	Campton	March 2015	A.M. Graton
Blow Me Down	29-10-10	Cornish	2002	Stan Graton 3 G Construction
Bump	29-05-08#2	Campton	2009	Stan Graton 3 G Construction
Carlton	29-03-07	Swanzy	Sept. 1997	Wright Construction
Contocook Railroad	29-07-07#2	Hopkinton	April 1995	NSPCB
Contocook Railroad	29-07-07#2	Hopkinton	April 1998	A.M. Graton / 3 G Construction
Contocook Railroad	29-07-07#2	Hopkinton	Sept. 2016	Stan Graton 3 G Construction
Coombs	29-03-03	Winchester	2002	Stan Graton 3 G Construction
Corbin	29-10-05#2	Newport	April 1995	A.M. Graton
Corbin	29-10-05#2	Newport	Oct. 2016	A.M. Graton
Cornish Windsor	29-10-09#2 45-14-14#2	NH/VT	1995	A.M. Graton / 3 G Construction
Hancock-Greenfield	29-06-02#2	Hancock-Greenfield	2002-03	Stan Graton 3 G Construction
Pier	29-10-03#2	Newport	July 2011	Wright Construction
Saco River	29-02-03#3	Conway	2002-03	Stan Graton 3 G Construction
Slate	29-03-06#2	Swanzy	2000	Wright Construction
Smith	29-05-10#2	Plymouth	2000	Stan Graton 3 G Construction
Snyder Brook	29-04-P02	Randolph	Summer 2015	NH Trails Bureau
Squam	29-05-112	Ashland	2002	Stan Graton 3 G Construction
Stark	29-04-05	Stark	April 2015	Alpine Construction
Swiftwater	29-05-02	Bath	April 1999	Wright Construction
Whittier	29-02-08	Ossipee	Nov. 2015	Stan Graton 3 G Construction
Wright's	29-10-04#2	Newport	May 2010	Wright Construction
NEW YORK				
Ashokan	32-56-05	Olive Bridge	Sept. 2017	A.M. Graton
Blenheim (Destroyed by Hurricane Irene 2011, rebuilt 2017)	32-48-01 #2	Blenheim	June 2018	VT Protective Coatings
Buskirk	32-42-02#2	Buskirk	2005	Alpine / W.W. Paternalde & Sons
Hyde Hall	32-39-01	Glimmerglass State Park	April 2015	NY State Park Staff
Rexleigh	32-58-03#2	Rexleigh	2007	Alpine / W.W. Paternalde & Sons
OHIO				
Black	35-09-03	Oxford	2002	?
Church Hill Road	35-15-08	Elkton	Oct. 2016	Columbiana County
Jim McClellan	35-15-01#2	Center Twp.	Oct. 2016	Columbiana County
Sells or Roller Mill	35-15-01#2	Center Twp.	Oct. 2016	Columbiana County
Teegarden or Centennial	35-15-05	Teegarden	Oct. 2016	Columbiana County
Thomas J. Malone	35-15-96	Middleton	Oct. 2016	Columbiana County
PENNSYLVANIA				
Bedford	?	Hustontown	July 2004	Kee-ta Quay Construction
Bowmansdale	38-21-I / 38-67-J	Messiah College	June 2008	Fitzgerald's Heavy Timber Construction
Cabin Run	38-09-10	Plumstead	Oct. 2019	CertaPro Painters of Central Bucks
Colvin	38-05-24	Schellsburg	June 1997	Lone Pine Construction

Name	World Guide #	Location	Date	Contractor or Architect
PENNSYLVANIA (continued)				
Gessner	38-56-08	Somerset	May 1998	Lone Pine Construction
Hall's Mill #6	38-05-15#2	Everett	?	Joseph Lehman Inc.
Herline #42	38-05-11#2	Bedford	?	Joseph Lehman Inc.
Hewitt	38-05-26	Chaneyville	?	Lone Pine Construction
Jackson Mill #16	38-05-25	Breezewood	?	Joseph Lehman Inc.
Knecht	38-09-02	Rieglesville	April 2020	CertaPro Painters of Central Bucks
Longdon	38-63-22	Washington	2004	Longdon Constructin
Martins Mill	38-28-01	Greencastle	July 2015	Lycoming Supply
Moods	38-09-07#2	Perkasie	Fall 2020	CertaPro Painters of Central Bucks
New Baltimore	38-56-09#2	Somerset	1998	Gregori Construction
Pine Valley	38-09-12	New Britain	Fall 2020	CertaPro Painters of Central Bucks
Poole Forge	38-36-01	Narvon	June 2019	Historic Poole Forge
Red Bridge	38-50-06	Liverpool	Oct. 2019	Perry County Historical Society
Ryot	38-05-17#2	Ryot / Dunnings Creek	March 1996	Upon this Rock Construction
Sawhill	38-63-34	Taylorstown	2005	Lone Pine Construction
Schellsburg	38-05-24?	Schellsburg	June 1997	Lone Pine Construction
Snooks #9	38-05-23	Fishtertown	2011	Kee-ta Quay Construction
Uhlerstown	38-09-08	Tinicum	June 2020	CertaPro Painters of Central Bucks
Van Sant	38-09-03	New Hope	May 2020	CertaPro Painters of Central Bucks
VERMONT				
Bartonsville	45-13-11#2	Rockingham	April 2013	VT Protective Coatings
Brown	45-11-09	Shrewsbury	Sept. 2015	VT Protective Coatings
Charlotte		Shelburne	Oct. 2013	VT Protective Coatings
Chisleville	45-02-05	Sunderland	Oct. 2014	VT Protective Coatings
Cooley	45-11-07	Pittsford	2003	VT Protective Coatings
Creamery	45-13-01	Brattleboro	2007	Catamount Environmental
Creamery	45-06-09	Montgomery	2009	Alpine / VT Protective Coatings
Gifford	45-09-03	Randolph	2008	VT Protective Coatings
Green River	45-13-04	Guilford	Sept. 2016	VT Protective Coatings
Hutchins	45-06-07	Montgomery	2009	Alpine / VT Protective Coatings
Longley	45-06-08#2	Montgomery	Aug. 2017	Alpine Construction L.L.C.
Poland	45-08-02	Cambridge	2004	Alpine / VT Protective Coatings
Pulp Mill	45-01-04#2	Weybridge	July 2012	Alpine Construction L.L.C.
Quinlan	45-04-03	Charlotte	2013	VT Protective Coatings
Salisbury- Cornwall (burned 9/10/16)	45-01-01	Cornwall	2008	Alpine / VT Protective Coatings
Sayres	45-09-06	Thetford	2007	Alpine / VT Protective Coatings
Stoughton	45-14-04	Weathersfield	2008	VT Protective Coatings
Taftsville	45-14-12	Woodstock	July 2013	Alpine / VT Protective Coatings
Scott Bridge	45-13-13	Townsend	Oct. 1998	Renaud Brothers-Mike Stan Graton 2016 ??
Union Village	45-09-05	Thetford	2002	VT Protective Coatings
West Dummerston	45-13-02#2	West Dummerston	1997	?
Willard	45-14-02	Hartland	2009	VT Protective Coatings
Williamsville	45-13-05#2	Newfane	June 2010	Alpine / W.W. Patenalde & Sons
Worrall	45-13-10	Rockingham	May 2013	VT Protective Coatings

Unofficial data as of August 2020.

Please send updates and corrections to CRESTLINE INDUSTRIES INC. crestln@erols.com

Irishman’s Covered Bridge update

Story and photos by Andy Rebman

I was able to make my way down to Fowler Park south of Terre Haute in Vigo County on Sunday, June 14th to see progress on the Irishman’s Covered Bridge. This covered bridge is a modified Queen Post bridge built by C.W. Bishop. It was moved to Fowler Park in 1971 and it became part of the Pioneer Village located there. The bridge needed rehabbing as there was a lot of wood rot damage and the floor was warped. I am happy to report that the rehab is almost done, and the bridge looks fantastic! The floor joists have been replaced. The flooring is also new, and it is no longer warped.



All new siding and paint complete the visual of the bridge. There are new abutments as well of poured concrete with stones covering it so that it looks more natural. I know this is not authentic, but it will provide solid support for this bridge for years to come. There is still clean up that is needed at the site. The rotted timbers and old siding are piled up at the site and needs to be removed. One of the abutments still needs the stones attached. Path repair will need to be addressed. The Parks Director is hoping to have a dedication in July and when we know the date, we will share it.



This bridge holds a special place in my heart as it was the first bridge that I encountered growing up. I was born and raised in Terre Haute. For those not familiar with Fowler Park, there is a pioneer village along with the covered bridge. There are several log cabins, a small grist mill and an active blacksmith shop. Growing up and attending elementary school in Vigo County, in the fall I would get on a bus and go down to the village for a lesson on ‘Pioneers’. The park also hosts an annual ‘Pioneer Days’ in September where there would be a



living museum at the log cabins that compose the village. I even remember my 5th grade art teacher giving a presentation in the barn at the village about how pottery was made and used by the pioneers. Who knew that years later I would become President of the Indiana Covered Bridge Society and return to see this bridge being restored by friend Dan Collom? I am happy that the bridge will continue to stand for many years to come and maybe the next President of the Society is walking through it soon.

[Editor’s note: On July 27th, we received an update from Park Superintendent Adam Grossman. The finishing touches are being done on the project, a little stone work and working on the approaches. A dedication ceremony was planned but has not yet been scheduled.]

Indiana Tour Postponed

Your tour organizers are anxiously awaiting the return to a healthier America so we can set a new date for the covered bridge tour of western Indiana. Much of the route planning is complete. Once it is safe to proceed, we will work on securing lodging, transportation and restaurants. Whether you are a frequent visitor to the area or have never been there, plan to join us to enjoy touring the bridges with others who share your passion for our historic covered bridges.

Working to Keep Our Historic Covered Bridges Intact



Parke County, Indiana faces a dilemma common throughout the country, oversized vehicles damaging their historic bridges. In early June an overheight box truck from Oklahoma damaged roof braces of the 1861 Jackson Bridge (IN/14-61-28) over Sugar Creek in the northwestern part of the county causing the bridge to be closed.

On Saturday, June 6th – two days after the incident – five county highway workers gave up their day off to repair the nine broken overhead braces so the historic span could be reopened.

The bridge has seen a significant increase in traffic from vehicles using it to avoid the highway closure two miles north of State Road 47. The interior height is deceiving because, at the time, the portal opening was 12' high, but the roof braces are only 10'-6" above the floor near the walls of the bridge.

In hopes of reducing future incidents, a strip of wood has been added to the portal at the 11'-0" level in an attempt to discourage higher vehicles. It was set at that height so the local school bus can still pass through.

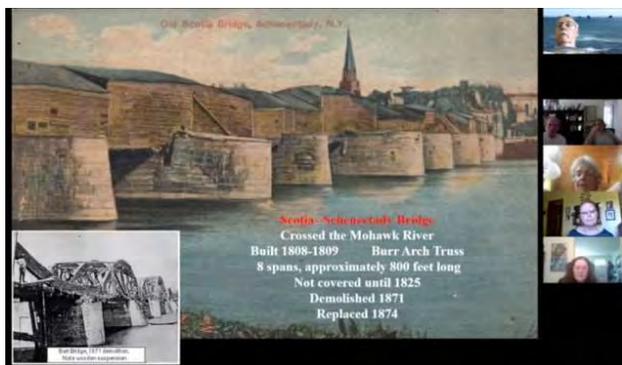
The NSPCB thanks Parke County Highway Department workers Buck Vandivier, Mike Wood, Jacob Cole, Wesley Garrett and foreman Scott McMaster for their efforts.

We initially learned of this story from an article in the Crawfordsville Journal Review of June 9, 2020. Additional information was provided by Jim Meece, one of Parke County's Commissioners. Jim also provided all the photos in this article.



Parke County employees Buck Vandivier and Matt Smith added the new 11'-0" clearance boards to the Jackson Bridge in late June.

Hudson Valley's Great Covered Bridges



On June 12th, member Ron Knapp offered a presentation via Zoom on the past and present covered bridges of New York's Mid-Hudson Valley for the Time and the Valleys Museum in Grahamsville, New York. Over the course of an hour and a half, Ron shared images and stories of the bridges. His discussion primarily focused on Sullivan and Ulster counties.

Ron is well-known for his extensive research on the covered bridges of China and as a co-author of *America's Covered Bridges* which he prepared with Terry Miller.

Bridge Rescue in Kentucky

Stabilizing the Grange City Bridge (KY/17-35-05) in Fleming County

There has been concern for the future of this bridge for years. Heavy rain in May caused Fox Creek to rise causing additional damage to the already fragile abutments. The further degradation of the southern abutment resulted in a corner of the bridge dropping about four feet causing severe twisting of the structure. At this point it would only be a matter of time before the truss joints failed and the structure collapsed.

After numerous calls and emails from concerned citizens, including a letter from the NSPCB, the Kentucky Transportation Cabinet (KYTC) invited Arnold Gräton to visit the site and offer his recommendations on how it can be saved. The 80-foot, single span, Multiple Kingpost truss bridge was built around 1865 and bypassed in 1968. The bridge is listed on the National Register of Historic Places.



Arnold & Meg Gräton traveled to Kentucky to meet with representatives from KYTC and the Parks Division, which owns the bridge, on June 8th to begin planning the short-term stabilization and a longer-term restoration project. Arnold prepared a report and sketches outlining a plan to stabilize it until funding for repairs is available. KYTC immediately started preparations to implement this plan.

On June 23rd, Governor Andy Beshear announced that the Buffalo Trace Covered Wooden Bridge Authority, in cooperation with KYTC and the Buffalo Trace Area Development District, contracted the stabilization work to Arnold M. Gräton Associates Inc. The governor stated that "It will be a difficult and delicate project, but the Grange City Covered Bridge is an historic structure treasured by the people of Fleming County and the entire Buffalo Trace area, and we intend to do all we can to save it." The project will cost \$330,000.00.



On July 1st, a steel beam was placed under the south end to prevent it from dropping any more. The beam is being held in place by a large concrete anchor. This photo shows the I-beam being moved into place by a large crane on the bridge which bypassed the covered bridge.

The Gräton's will return with their crew in late fall for 4-6 weeks to work on shoring and lifting the bridge into a more stable condition and to relieve the twisting. This will be a very labor intensive and difficult project. Some bracing may need to be removed as the bridge is lifted into place and the joinery will be watched carefully. To accomplish this, a steel structure will be constructed along both exterior sides of the bridge. Additional steel will pass under the bridge from one side to the other. The project will require approximately 100,000 pounds of steel. Once in place, the steel beams under the bridge can be slowly jacked up to return the span to its proper position.

Hopefully, this effort will keep the structure stable until money is available for a complete restoration. The abutments will need to be repaired so it can be placed back on a stable foundation. The lower chord is fractured at the northern end and other work is likely needed.

Photos Courtesy Kentucky Transportation Cabinet District 9, Lori Ulrich and Gräton Associates.

Covered Bridge News California

Honey Run Bridge, Butte County – CA/05-04-01



Fundraising to replace the Honey Run Bridge lost on November 8, 2018 during the devastating Camp Fire in Butte County received a huge boost on July 17th. On that date the Rebuild the Honey Run Covered Bridge group accepted a \$225,000 donation from the contractors who cleaned up the ridge after the fire. Sukut Construction, Pacific States Environmental Contractors and Goodfellow Brothers cleared up and hauled away most of the debris after the Camp Fire. So far, they have raised about \$1 million and estimate that they will need another \$1.8 million. Action News Now of Chico announced that the Honeyrun Covered Bridge Association signed a contract with Q and D Construction on August 12 to start

phase one of rebuilding. The groundbreaking of the bridge is expected to be by the end of August. This phase will include building a foundation, pillars and abutments for the new bridge and is expected to be completed by mid-October. They hope to have it finished by the end of summer in 2022. *KRCR-TV, July 17, 2020. Photo by Bill & Jenn Caswell.*

We have confirmed that the website address listed in previous Newsletters matches what is on their Facebook page. However, since it does not work, we are no longer including it with news of the bridge.

Checks and inquiries regarding donations may be sent to:
Honey Run Covered Bridge Association,
P.O. Box 5201, Chico, CA 95927.

Bridgeport Bridge, Nevada County – CA/05-29-01

Update from John Field: “The month of June consisted mainly of disassembling parts of the bottom chords and reassembling them with new timber only where needed. Even the original ‘stitch bolts’ and ‘square nails’ were reused where possible. Some of the original hardware was heated on an old forge using coal and straightened on a handmade anvil right on site...Yes, keeping with history and tradition as much as possible! Meanwhile, both the North and South end portal’s abutments were excavated in preparation for the new abutments to support the bridge at its new height. An old abutment wall on each end was preserved and smoothed, ‘lean-mix’ slurry was poured into forms (taking the place of fill dirt), ‘Micropyles’ were drilled and sunken into place.” For more updates and photos, visit <http://southubariverstatepark.org/>. *Photos by Will Truax and John Field.*



Removing Bottom Chord planks to be replaced. June 4, 2020.



Bridgewright Tim Andrews hand chisels precision channels for truss shoes to fit into a repaired section of the lower chord. June 16, 2020.



West side reconstructed chords with stitch bolts installed. June 18, 2020.

Georgia

Concord Road Bridge, Cobb County – GA/10-33-02

The Friends of the Concord Covered Bridge Historic District announced the release of an Historic District Audio Tour App. This Self-Guided Walking Audio Tour explores numerous historical sites and other prominent landmarks within and adjoining the Historic District with narration and visual content. The tour can begin at one of three locations and the app will guide you to each successive location. The audio track automatically triggers as you approach each site and concludes with directions to the next location. The app is available for Apple and Android devices. Once installed, the app does not require cell service or wi-fi to function. The developers welcome feedback to improve the tour.

Indiana

Houck Bridge, Putnam County – IN/14-67-11

In early April, wind tore off a significant portion of the metal roof that was installed when the bridge was rehabilitated in 2014. No structural damage was reported. Ron Branson visited the site on June 24th and provided this photo of the repairs in progress. *Photo by Ron Branson.*



Spencerville Bridge, DeKalb County – IN/14-17-01

The address for donations to this project listed in the Summer *Newsletter* was incorrectly placed with the Cades Mill Bridge article. Donation checks can be sent to Eastside Area Community Foundation, P.O. Box 395, Butler, IN 46721. Member Mary Diehl informed us that a June 13 fundraiser plus sales of t-shirts up to that date raised \$9,763. A Fish Fry & Auction on August 1st netted an additional \$15,000. On August 4th, *The Star* reported that the Friends of the Spencerville Covered Bridge surpassed their \$50,000 goal.



A request for fire retardant was approved at the June 28th meeting and the product was delivered on July 8th. On July 27th, it was announced that the county was awarded a \$50,000 grant from the state's Division of Historic Preservation to help with the repair costs. Replacing the rotting support timbers and the wooden floor is estimated to cost \$220,000. Replacing only the timbers would cost \$162,000. *News from Mary Diehl with additional details from The Star on July 27 and August 4, 2020. Photo by Greg McDuffee.*

Cades Mill Bridge, Fountain County – IN/14-23-02

The address for donations to this project listed in the Summer Newsletter actually belonged to the Spencerville Bridge project. Our apologies for the error. The correct address for donations to this project



is Western Indiana Community Foundation, P.O. Box 175, Covington IN 47932. The NSPCB has pledged \$10,000 towards this project. The Fountain County Historical Committee (FCHC) is heading up the project and is currently seeking a contractor for the work. The model of the bridge in the left photo was built by Terry Bodine and is at a scale of 5/8"=1'. The model



took over 600 hours to construct and will be placed in an historical display at the court house. The side boards were left off one side of the model so the truss work is visible. There is also a covered bridge donation box for contributions towards the project. *Information from Carol Freese, Fountain County Historian. Additional Information and Photos from Nancy J. Wagner, FCHC Treasurer.*

Indiana (continued)

Medora Bridge, Medora, Jackson County – IN/14-36-04

A security system has been added to the 1875 bridge. It includes six night-vision security cameras that can be viewed remotely, and four LED lights to provide light at night. Brad Nolan, owner of B & C Electric of Crothersville shared details of the work at a meeting of the Friends of the Medora Covered Bridge and Area. The cameras operate 24 hours



a day, seven days a week. They are able to see the entire bridge, the parking lot and out to the entrance. Electricity costs are about \$40 per month. Earlier this year, the 10th annual "Dinner on the Bridge" was canceled due to concerns related to the COVID-19 pandemic. The dinner and other fundraisers helped pay for the new security system. The three-span Burr truss bridge was built by J.J. Daniels. *Seymour Tribune, July 1, 2020. Photos by Andy Rebman.*



Darlington Bridge, Darlington, Montgomery County – IN/14-54-01

In an update to our previous report, the Summer issue of the Indiana Covered Bridge Society's newsletter stated that repairs and upgrades here are complete and the bridge is open to pedestrian traffic again. A pair of new windows were added to the northern end to match those previously existing on the southern end. The bridge has received a new metal roof and white siding.

Kentucky

Cabin Creek Bridge, Lewis County, Kentucky – KY/17-68-03

For the past couple years, there have been controversy and disagreements between local residents and a property owner on one end of the bridge. In late fall 2019 the matter went to the County's Fiscal Court to define the boundaries between the bridge and private property. Tensions escalated again in early June after the abutter had the interior pressure washed to remove graffiti prior to a wedding being held in the bridge. While she had good intentions, the pressure of the water damaged some of the historic timbers and compromised the fire retardant donated by Grāton Associates and applied during their restoration of the bridge a few years ago. Communication with Grāton Associates, County Judge-Executive Todd Ruckel, Buffalo Trace Area Development District Executive Director Amy Kennedy and Transportation Cabinet officials resulted in the Transportation Cabinet acquiring NoChar which the Grāton's applied to the bridge on June 28th. *Photo by Lori Ulrich.*



Dover Bridge, Mason County, Kentucky – KY/17-81-01

Kentucky's oldest covered bridge was damaged during torrential rains and flash flooding in July 2017. It was stabilized by Grāton Associates until complete repairs could be undertaken. Local residents have noted that no work has occurred in the past three years. Mason County Judge-Executive Joe Pfeffer said that there is little chance under the state's current economic conditions that repairs will be funded any time soon. He expects the repairs to cost about \$1 million. The bridge was built about 1835. The large steel beams which washed away were added in the late 1980s. *News and photo from the Maysville Ledger Independent, June 12, 2020.*



Maine

Trout Brook Bridge, Alna, Lincoln County – ME/19-08-P06

On August 7 & 8, the Wiscasset, Waterville & Farmington Railway Museum of Alna, Maine is planning excursions to milepost 8 on their line, stopping just short of the pony truss bridge. This is the first public excursion to the bridge which was constructed by Barns & Bridges of New England with grant money received by the National Society for the Preservation of Covered Bridges from the National Park Service. WW&F volunteers moved the bridge from the construction area to its permanent location over Trout Brook. A crossing of the bridge and dedication ceremony is being planned for some time in 2021. *Lincoln County News, July 13, 2020. Photos by WW&F Railway Museum.*



Massachusetts

Arthur Smith Bridge, Colrain, Franklin County – MA/21-06-03#2

Colrain's Town Meeting on June 20th included a warrant article which would have allowed the town Selectboard to open the bridge to traffic in whatever manner they see fit. That could be for one-way traffic, two-way traffic, or simply allowing traffic on special occasions. The warrant was submitted by citizen's petition and would also authorize measures — such as speed bumps or additional signs — to ensure vehicles abide by the rules. Currently, the bridge is open to pedestrians, bicycles and snowmobiles. After about 30 minutes of discussion for and against opening the bridge, the article was tabled pending more research. Proponents state that it was intended to be opened to traffic when it was constructed. Those opposed include the Town's Highway Superintendent and other local officials. Voters did, however, approve to designate the area west of the bridge as a town park.



Greenfield Recorder, June 21, 2020. Photo by Bill Caswell.

Michigan

Whites Bridge, Ionia County – MI/22-34-01#2

Comments on the Rebuild Whites Bridge Facebook page noted that the new bridge was opened to traffic in early June. A formal ribbon cutting ceremony is planned once it is safe to gather again. This bridge was built as a slightly modified replica of its predecessor which was lost to arson on July 7, 2013. It is unusual in that it was rebuilt using the Brown truss design of the original bridge. Only one 19th century covered bridge using that truss remains, the Fallsburg Bridge in Kent County, Michigan, *World Guide* number MI/22-41-02. *Photo by Jim Allen.*



New Hampshire

Packard Hill Bridge, Lebanon, Grafton County – NH/29-05-50#2

The Packard Hill Bridge received an overhaul from the Grāton Associates. The roof and floor were replaced. The steel rods of the Howe truss and floor system were inspected and replaced as necessary. They were wire brushed to remove the surface rust, epoxy coated to protect from moisture and oiled before being put back into place. The project was completed in early June. *Photos by Bill Caswell.*



Bement Bridge, Bradford, Merrimack County – NH/29-07-03

On May 27th, bids were opened for a project to repair and raise this bridge. They were somewhat higher than what engineers at Hoyle, Tanner & Associates had estimated, an increase of approximately \$41,000 to the costs planned by the Town. The low bid from Neil H. Daniels, Inc. of Ascutney, Vermont was \$1,244,450.00. Work is underway and expected to be completed by late fall 2020. The bridge will be moved to a temporary location so the north abutment can be replaced with a dry laid stone abutment and the south abutment’s wing walls rehabilitated. The deck will be replaced along with select floor beams and the entire lower chord to support a 6-ton live load. Also, truss member repairs and replacements as necessary, installing new knee braces to better brace the upper chord and raising the bridge by approximately 6 inches. *Photos by Bill Caswell.*



Newport Railroad Bridges, Sullivan County

Previously, we reported that interpretive panels were prepared for the Pier or Chandler Station Bridge (NH/29-10-03#2) [left] and Wright’s Bridge (NH/29-10-04#2) [right]. The two bridges formerly served the Boston & Maine Railroad and now carry the Sugar River Recreational Rail Trail. The New Hampshire Division of Historical Resources awarded Newport a grant to pay for documentary and picture research, leading to the design and layout of interpretive panels for each bridge. The Town of Newport appropriated funds for the actual production of the outdoor signs and their stands. Some of the photos are from the NSPCB archives. The Newport Historical Society and the Boston & Maine Railroad Historical Society provided guidance through the process and Dr. James Garvin contributed his knowledge and expertise towards preparing the content of the panels. *Photos by Bill Caswell.*

Pier or Chandler Station Bridge



New York

Hamden Bridge, Hamden, Delaware County – NY/32-13-03

Delaware County Sheriff’s officials are looking for vandals who spray painted graffiti on the bridge. A resident reported the incident early in the morning of May 21st. The names “Jake” and “Dylan” could be seen scrawled on the hand-hewn beams in orange and black paint. Delaware County Department of Public Works employees have scrubbed paint from road signage at the bridge and began the arduous task of trying to remove the spray paint from the rough-cut lumber inside the span. The 128-foot, single-lane wooden bridge over the West Branch of the Delaware River was constructed in 1859 and placed on the National Register of Historic Places in 1999. *WNBF Radio, May 21, 2020.*

New Kiosks Celebrate Washington County Bridges

In the early 1800’s, the Northern Turnpike was constructed in eastern Washington County. Today, that road is state Route 22, which runs from New York City all the way to Canada. In early August, two new kiosks were installed on a little turn-off along Route 22 near the town line of Salem and Jackson. One explains the history of the Northern Turnpike and the other tells the story of the three covered bridges in the area — the Shushan Bridge (NY/32-58-02), Rexleigh Bridge (NY/32-58-03#2) and the Buskirk Bridge (NY/32-58-04#2). The Northern Turnpike Co. constructed the Buskirk Bridge as well as the Red Bridge (NY/32-58-19x), which is no longer standing. All the covered bridges span the Batten Kill. The kiosks were designed and supplied by Lakes to Locks Passage. The historical information and photos for the kiosks came from former Salem Historian Al Cormier. *Glen Falls Post-Star, August 17, 2020.*

Possible New Covered Bridge in Wyoming County

Jim Crouse shared an email conversation he had with Wyoming County Highway Superintendent Todd Gadd. The County is planning to replace a metal Pratt truss bridge over Cayuga Creek on Schoellkopf Road southeast of Cowelsville. At this time, they are looking at replacing it with a Pratt truss covered timber bridge. The metal bridge is to be moved to a county park. We will share more information as it becomes available. The metal bridge replaced this covered bridge known as the Mosier Bridge around 1933. This photo is from the Richard Sanders Allen Collection of the NSPCB archives.



Ohio

Knowlton or Long Bridge, Monroe County – OH/35-56-18

Last year we reported on the collapse of this bridge on July 5, 2019. Plans to repair the structure along with a grant for \$950,000 were in the works at the time of the collapse. On June 24th, County Commissioners spoke with Ron Mattox of Woolpert, Inc., an engineering firm hired to design repairs to the bridge. A draft of the revised bridge design is expected in early July. They have not yet inspected the pieces of the collapsed span to see what timbers might be usable in the reconstruction. The three-span 192 foot-long structure over the Little Muskingum River was built in 1887. *(Martins Ferry Times Leader, June 30, 2020. Standing Photo by Jim Smedley, Collapsed Photos by John Diehl.)*



Pennsylvania

Dreibelbis Station Bridge, Berks County – PA/38-06-07

On Monday, June 1st, more than two dozen spectators watched a 350-ton crane place one of the reconstructed trusses in place on a steel span installed five weeks earlier, before PennDOT halted all construction projects in the state to mitigate the spread of the virus. Contractors planned to install the northern truss the following day. The spectators included about a half-dozen members of the Theodore Burr Covered Bridge Society of Pennsylvania. Gloria Smedley provided these photos of the event. The restoration of the 171-foot long span is expected to be complete this summer. Joe McCarthy, founder and partner of Lancaster Timber Frames of York, Pennsylvania, said each truss weighs 40,000 pounds. The \$4.3 million restoration project was funded through the National Historic Covered Bridge Preservation Program. The bridge was moved to the riverbank last September, disassembled and transported to Lancaster Timber Frames for restoration. Karl Young provided the



interior photo from his visit on July 2nd. Fred Moll's photo from July 13th shows the progress up to that point. Since then the siding has been added and painted. The bridge was completed by August 14th and workers were finishing the landscaping around the bridge. A press release from the



County Commissioners indicated that they were planning to host a ribbon cutting ceremony on Friday, August 21 at 10 a.m. The event was to be streamed live on the county's Facebook page. *News from Jim & Gloria Smedley supplemented with notes from the Reading Eagle, June 1, 2020.*

Pine Valley Bridge, Bucks County – PA/38-09-12



The Winter 2019/2020 and Spring 2020 Newsletters reported details of the \$2.5 million project for maintenance and repair of seven covered bridges in Bucks County. Gloria Smedley shared these photos of the work underway at this bridge when she and Jim visited the site on August 5th.



Fowlersville Bridge, Columbia County – PA/38-19-05

On June 24th, we learned that plans are forming to move this bridge from its location in Briar Creek Township about seven miles to a park in North Centre Township. The bridge was originally built in North Centre Township and transported to its present location in 1986. *Information from Tom Clymer, chairman of the North Centre Township Park Committee. Mr. Clymer was directed to us by Jim Crouse. Photo by Jim Smedley.*

Pennsylvania (continued)

South Perkasio Bridge, Bucks County – PA/38-09-05

On June 22nd, the Perkasio Borough Council unanimously approved posting a request for proposals to restore its historic 1832 covered bridge (one of the nation’s oldest covered bridges) in Lenape Park. For the past year, the Borough worked with the Perkasio Historical Society and the Bucks County Covered Bridge Society to raise more than \$100,000 in private funds to pay for part of the project. The Borough had been waiting for a grant from the state’s Keystone Fund to pay for up to \$100,000 in costs. But after conversations with Harrisburg indicated state funding may not be available in the current budget environment, the Borough Council decided to issue the RFP to better estimate costs. As of August 5th, it had not yet been issued and a decision on the Keystone Fund grants is expected on September 2nd. *Photo by Jim Smedley.*



On August 4th, flood waters associated with tropical storm Isaiás were above the floor level and likely did some damage to the deck. After proposals are received for the bridge’s timber restoration, the Borough will determine how to fund and complete the project. According to NSPCB member and chair of the Borough’s Historical Committee, Scott Bomboy, “We will still need private funds to complement Borough or other funds, especially for a project to turn the bridge into an outdoor museum with kiosks and a web app that tell the history of all Bucks County’s covered bridges.” A project time frame will be established once project bids are received. Those interested in contributing to the Save the Bridge project can get information at <https://savethebridge.com>. The group would like to do the site planning this fall and start the rehabilitation in March 2021. *Thanks to Scott Bomboy for the updates and flood photos.*



Uhlerstown Bridge, Bucks County – PA/38-09-08

The Winter 2019/2020 and Spring 2020 Newsletters reported details of the \$2.5 million project for maintenance and repair of seven covered bridges in Bucks County. The work is being paid for entirely by proceeds from a \$5 county fee imposed on new and renewed vehicle registrations. Gloria Smedley shared these photos of the work underway at the Uhlerstown Bridge (left) and site after completion (center & right).



Pennsylvania (continued)

Gudgeonville Bridge, Erie County – PA/38-25-03x

On November 8, 2008, the 1868 Gudgeonville bridge over Elk Creek was lost to arson. After the fire, Girard Township leaders put the salvageable pieces into storage. One thought was possibly to build a small replica of the bridge out of the remains. However, that never came to pass and the township decided to share the pieces with local residents. On Wednesday, July 22nd, people made appointments to visit the lot to claim their souvenir of the bridge. In one day the large collection was reduced to a small pile of wood which was likely gone soon after. “The response was phenomenal, overwhelming and it just goes to show how important this bridge was to a lot of people around here,” said Clay Brocious, Girard Township Supervisor. *YourErie.com, July 22, 2020. Photo by Bill Caswell, July 2007.*



Waterford Bridge, Erie County – PA/38-25-04

After design, environmental, historical and funding issues delayed repairs to the bridge originally expected to be completed in 2015 and later in 2018, the project looks like it is on track again. State funding for construction was secured this spring, and repairs are expected in 2021. The bridge was closed in May 2011 because its deck and substructure were deteriorating. Though it is not on a state-owned road, repair costs are PennDOT’s responsibility because of the bridge’s historical significance. The department will pay the 15% state share and 5% local share of the estimated \$2.5 million to \$3 million cost. Federal dollars will pay the rest. The Department worked with the State Historic Preservation Office on plans to strengthen the structure while preserving its historical integrity. An early proposal to replace the wooden bridge deck with concrete was rejected and plans changed in favor of a new wooden deck with steel supports. The work will likely include security light and camera installation. The bridge was built in 1875 by Charles and James Phelps and is on the National Register of Historic Places. *GoErie.com, July 21, 2020. Photo by Bill & Jenn Caswell.*



Millmont or Red Bridge, Union County - PA/38-60-01#2

On July 7th, Union County Commissioners voted to contract with Larson Design Group to design repairs for this bridge estimated at \$163,231. The bridge was rebuilt by Lycoming Supply Inc. of Williamsport, Pennsylvania in 2010. More than 50% of the bridge’s truss system was replaced at that time. On March 18, 2016, PennDOT and Union County engineers closed the bridge deeming it unsafe for vehicle traffic. They had been watching the bridge for the previous year due to concerns for structural problems. *The Sunbury Daily Item, July 7, 2020 and Pennsylvania Crossings, Summer 2016, page 8. Photo Courtesy Theodore Burr Covered Bridge Society of Pennsylvania.*



Pennsylvania (continued)

Bell’s Mills Bridge, Westmoreland County – PA/38-65-01



The Hutchinson Volunteer Fire Department received a call reporting smoke near the 1850 bridge around 7 a.m. on July 31st. In the past, reports of smoke inside the structure have come from people “burning rubber” on the wooden floor. Upon arrival, they found a slight haze of smoke inside the bridge and what seemed to be a softball-sized hole in the decking. No flames, just hot embers possibly from a carelessly discarded cigarette. The bridge was reopened in mid-August after the damaged deck boards were replaced. The repair cost was minimal; the county keeps the timber pieces on hand that are used in the decking. *Linda Burns shared this story reported by TribLive.com on July 31, 2020. A follow-up story appeared on August 18, 2020. Photo by Jim Smedley.*

Vermont

Miller’s Run/Bradley Bridge, Lyndon, Caledonia County - #45-03-06#2

New signs designed to protect this bridge have been installed. The signs, noting the height restrictions on the bridge, have flashing lights and are located north and south of the bridge. You may recall that after previous damage from oversize vehicles, four-year-old Dela Stoddard-McGrath of Wheelock, Vermont made a colorful sign to warn drivers of the bridge’s limitations which Selectmen allowed to be posted at the bridge. *Caledonian Record, August 18, 2020. Photo by Todd Clark.*



Morgan Bridge, Belvidere, Lamoille County – VT/45-08-07



In mid-June, the Vermont Covered Bridge Society was notified that this bridge was closed. VCBS President Joe Nelson contacted Belvidere’s Road Commissioner Randy Cayenne for additional details. Water running down the road and onto the bridge caused many of the deck boards to deteriorate prompting the closure. They also suspect that the bed timbers under the floor may be compromised. Peter Cosgrove visited the site at a later date and found the floor repaired and the bridge open to traffic. The bridge was built in 1887 across the North Branch of the Lamoille River. Unlike other bridges in the area which are supported by steel beams,



the 65 foot long Queenpost structure still supports itself as it did when it was first constructed. It was added to the National Register of Historical Places in 1974. November 19, 1974. *Photos by Steve Miyamoto.*

Scribner Bridge, Johnson, Lamoille County – VT/45-08-09

Last October, heavy rains washed away part of the road approaching this bridge and caused some scouring around the abutments. Ever since then, the town of Johnson has been waiting for FEMA to evaluate the bridge and determine when and how much money will be available for repairs. Comments in the minutes of the Selectmen’s meeting of July 20th indicated that part of the delay was due to FEMA staff not being able to attend on-site visits for a few months. As one might expect, there is some frustration at the local level regarding the length of time it is taking to repair the road and get it back open to traffic. *Thanks to Peter Cosgrove for this information.*

Canada - New Brunswick

Love Your Covered Bridges Day

Association Heritage New Brunswick sponsored its 3rd annual *Love Your Covered Bridges Day* photo contest during the New Brunswick Day weekend, August 1-3. The event encourages residents and visitors to visit the province's remaining historic covered bridges and submit photographs. A variety of prizes are offered for the best images.



Milkish Inlet #1 or Bayswater Bridge, Kings County – NB/55-06-15



The delays starting this project have continued. On August 9th we received word that all the permits were in order and the work was to begin shortly. The New Brunswick Department of Transportation and Infrastructure has consulted with Timber Restoration Services to raise the weight capacity to 30 tons. The outcome of this project will help determine how they move forward with other weight restricted covered bridges that are vital connections to the local road network. *Photo by Bill & Jenn Caswell.*

Québec

We are grateful to Pascal Conner whose *Blogue sur les ponts couverts* (pontscouverts.com/blogue/) provides most of the Québec news each quarter. Unless otherwise noted, all Québec articles were derived from that website.

Pont de la Frontière, Cantons de l'Est – QC/61-11-03

In mid-June, Gérald Arbour visited the bridge near Mansonville and provided this photo. It has been closed to all access since 2014. He reported that an abutment is starting to collapse. The bridge is one of Québec's oldest having been built in 1896 using the Town lattice design common in the area. It is about ½ mile north of the US border.



Pont Galipeault, Gaspésie Region – QC/61-23-01

On June 30th, Minister of Culture Nathalie Roy announced that this covered bridge in Grande-Vallée has just been classified as a heritage structure by the Ministry of Culture. It has been officially in the Cultural Heritage Register since June 18. The bridge, built in 1923, is the oldest covered bridge in the Gaspé Peninsula. It uses a variation of the Town truss common throughout Québec. This classification recognizes a structure's historic, architectural and technological values. The bridge is named for Antonin Galipeault (1879–1971), a Québec politician who, among other duties, served as the Minister of Public Works from 1916 to 1919. The 44-meter-long bridge was restored in 2016 by the Department of Transport at a cost of \$585,000. *Radio Gaspésie, June 30, 2020*



Québec (continued)

Additional News on Gaspésie Region Bridges

On July 14th, Radio-Canada reported that fifteen years after the government adopted a plan aimed at their preservation, the regional directorate of Transports Québec finally asked for external expertise to validate the heritage value of some of its structures. The plan required the Ministère des Transports (MTQ) to carry out this evaluation during 2006. The assessment will give a rating of the structure's heritage value as low, moderate or high. In 2005, the number of heritage bridges in Quebec was estimated at around 350, 83 of which were owned by the MTQ. A consultant from Montreal will visit seventeen structures in the Gaspésie region to assess their architectural value. Seven of those are covered bridges. They are:

- *Métis-sur-Mer*: covered bridge over the Tartigou river (QC/61-42-04)
- *Saint-René*: the two covered bridges (QC/61-42-01 & QC/61-42-06)
- *Saint-Ulric*: covered bridge over the Blanche river (QC/61-42-05)
- *Routhierville*: covered bridge (QC/61-43-04)
- *Amqui*: covered bridge of L'Anse-Saint-Jean (QC/61-43-05)
- *Rimouski (Mont-Lebel)*: covered bridge (QC/61-58-04)



Pont Pierre-Carrier
(QC/61-42-05)



Pont de Routhierville
(QC/61-43-04)
Photos by Gérald Arbour.

Source: Quebec Ministry of Transport, Bas-Saint-Laurent-Gaspésie-Îles-de-la-Madeleine regional office.

Pont Brabant Philippe, Outaouais Region – QC/61-25-c#3

Outdoor enthusiasts can once again use the Brabant-Philippe covered bridge, which was rebuilt on a trail within Rivière Blanche River Park after twice being lost to arson. The first covered bridge at this location was completed in 2007 and lost to arson on December 30, 2011. Four youths were found guilty of that incident. The second structure was inaugurated on June 14, 2015 and burned on June 21, 2016. No arrests have been made in connection with the second arson. On November 21, 2019, the City of Gatineau awarded a contract of \$1,107,254.09 to Construction FGK for the reconstruction. The contract included the installation of a security system so the bridge can be monitored in real time. The trail includes 14 kilometers of bicycle and walking paths with two other covered bridges. *Radio-Canada, June 1, 2020.*

Pont Lambert, Centre du Québec – QC/61-44-08

The 1948 structure is closed to all traffic while repairs are underway. According to the Québec511 site, the work began on June 29 and will continue until September 18. Details of the work were not available at press time although photos of the area seem to indicate work on at least one abutment and the bridge's interior. *Photo by Gérald Arbour, October 2019.*



Pont Freeport, Cantons de l'Est – QC/61-45-02



The bridge was closed on May 26th after being damaged by an oversized truck. The delivery truck entered the bridge despite the signage warning of the 2.7 meter height restriction of the 1870 structure. The truck damaged part of the roof structure. Provincial police are investigating. Gérald Arbour visited the site the following week and provided this photo. He noticed that only one roof brace was broken. Workers from the Quebec Ministry of Transport were already on site to carry out the work, which means that the bridge was probably opened again a few days later. *La Voix de l'Est, May 28, 2020.*

Québec (continued)

Pont de la Chute-Neigette, Bas-St-Laurent Region – QC/61-58-03



Last quarter we reported that a path along the river between the 1933 covered bridge and the Chute Neigette waterfall. Additional work has been done during the summer. On August 14th, a day after a structure near the parking lot was completed, it was vandalized. The culprits also added graffiti to the interior of the covered bridge. Québec police are investigating. *Journal le Soir, August 16 & 17, 2020. Photo by Gérald Arbour.*

Pont Narrows, Cantons-de-l'Est – QC/61-69-03

In the previous issue, we noted that this 1881 bridge was to be immortalized on a mural in the heart of Fitch Bay. On July 22nd, *Le Reflet du Lac* reported that artist Gretchen Hatfield of Georgeville had completed the 80-foot-long by eight-foot-high mural on the east facade of the Fitch Bay Hardware Store. The project was funded by various government, municipal and private contributions. This photo was posted on Gilles Bélanger's Facebook page on July 16, 2020. Mr. Bélanger (far right) is the Member of Parliament representing that area. The photo also includes Francine Caron Markwell, Mayor of Stanstead; Michèle Turcotte president of the Cultural Committee of the MRC of Memphrémagog; Réjean and Lucie Frenière, owners of the hardware store holding flowers planted near the mural.



China

On July 13th, the *Global Times*, a Chinese national newspaper, reported that a covered bridge commonly referred to as the Rainbow Bridge was damaged by floodwaters on July 8th. The 140-meter-long covered pedestrian bridge in the town of Qinghua in Wuyuan County in East China's Jiangxi Province, was damaged by flooding which submerged the walkway under more than one meter of water. The county cultural heritage administration posted a notice online seeking the missing pieces, which later went viral on social media. Si Wei, an employee of the Jiangxi



Wuyuan Tourism Company, told the paper that more than 10 wooden pieces of the bridge that were washed away by the flood have been found with the help of local villagers. It is not unusual for Chinese bridges to be rebuilt many times after flood damage. They expect this structure to be repaired under the guidance of professional experts after flood waters recede. The bridge was reportedly built during the ancient Southern Song Dynasty (1127-1279). According to historical records, the bridge was built with financial aid provided by a monk who had earned the money through begging. Construction took ten years to complete. According to local legend, a rainbow appeared in the west right upon its completion, leading people to believe that crossing the bridge would bring good luck to them. The bridge later earned the name the Rainbow Bridge. Thanks to Terry Miller and Ron Knapp for sharing this news. *Photos by Ron Knapp.*



During the 1970s and 1980s, Joseph Cohen often included a puzzle with a covered bridge theme headed by this graphic while he was editor of *Covered Bridge Topics*. Knowing that some of you have a little extra time on your hands with many events being cancelled, we have reprinted **four** of those puzzles for your enjoyment. Answers to the letter substitution puzzles will be included with the *Winter Newsletter*.

Find the Bridges from Delaware, Maryland and Virginia

Locate the hidden bridges in this puzzle by going up, down, forward or back or diagonally. This puzzle was originally published in *Covered Bridge Topics*, Winter 1977, page 7.

- ASHLAND
- UTICA MILLS
- WOODDALE
- RODDY ROAD
- JERICO
- OWENS CREEK
- GILPINS
- FAIR HILL
- OLD HUMPBACK
- CRAIG
- GLADYS
- BOB WHITE
- SINKING CREEK
- JACK'S CREEK
- LINK FARM
- BIEDLER FARM

O	M	R	A	F	K	N	I	L	C	R	E	E	K
W	L	W	O	J	A	C	K	S	C	R	E	E	K
E	S	D	O	D	E	I	R	R	Y	D	U	M	E
N	F	N	H	O	D	R	R	E	D	D	O	S	E
S	L	A	I	U	D	Y	I	H	E	T	A	L	R
C	I	L	W	P	M	D	R	C	T	K	O	L	C
R	E	H	I	E	L	P	A	O	H	I	T	I	G
E	T	S	T	H	N	I	B	L	A	O	T	M	N
E	I	A	E	O	R	S	G	A	E	D	O	A	I
K	H	A	R	P	M	I	I	C	C	I	B	C	K
N	W	G	E	E	P	R	A	M	I	K	S	I	N
I	B	I	E	D	L	E	R	F	A	R	M	T	I
L	O	M	K	E	E	R	C	R	E	K	E	U	S
L	B	I	I	D	M	E	W	F	H	R	M	J	U

Cryptoquiz: Bridges that end in "Creek"

This puzzle was originally published in the Summer 1986 *Topics* on page 15. Note that some of these bridges may no longer exist. To solve, substitute a different letter for each letter in the word, but the same substitution must be used throughout the puzzle.

- | | | | |
|---------------|-------------|--------------|--------------|
| 1. DRYPFWXP | 8. IWVM | 15. CWMJB | 22. HGMS |
| 2. DGISGCXZPP | 9. SWHMP | 16. RPFMVR | 23. MDCM |
| 3. JPRM | 10. QRUQDR | 17. XDMM | 24. MDRUB |
| 4. JQFFQP | 11. ADIZM | 18. HDCX | 25. MQRZQRT |
| 5. IDNQYY | 12. AWSRMWR | 19. HQISFDRU | 26. KPSDUZPP |
| 6. IDRWBWR | 13. FWIGMY | 20. HQYRPH | 27. KQFFM |
| 7. IWDF | 14. FWMY | 21. HWDU | |

Word Search - Ashtabula County Covered Bridges

To solve this puzzle, find the words on the list. You can go up, down, sideways, or on a diagonal. This puzzle was originally published in the Spring 1986 *Topics*.

BENETKA
CREEK
DOYLE
EAGLEVILLE
GRAHAM
HARPERSFIELD
MECHANICSVILLE
MIDDLE
OLIN / DEWEY
RIVERDALE
ROOT
SOUTH DENMARK
WAMER HOLLOW

L	I	O	N	E	V	E	R	I	V	E	R	S	U	M
E	W	E	Y	E	W	E	D	N	I	L	O	U	V	Y
M	I	R	G	O	A	L	E	A	E	U	O	P	I	C
I	E	P	R	O	T	A	X	V	T	A	T	R	O	R
D	A	C	A	B	I	D	I	H	T	O	W	T	I	E
D	T	C	H	E	A	R	D	A	O	O	A	U	V	E
L	B	R	A	A	R	E	D	R	D	C	R	E	E	K
E	E	N	M	V	N	V	I	P	A	R	N	E	A	T
C	N	K	O	M	W	I	S	E	T	E	E	U	G	T
A	E	B	A	L	P	R	C	R	S	E	R	T	L	U
E	T	R	T	O	A	B	L	S	O	K	H	U	E	D
F	K	O	R	O	R	U	O	F	V	I	O	E	V	A
G	A	O	I	D	K	C	A	I	B	I	L	L	I	H
M	L	K	P	N	A	B	L	E	F	Y	L	O	L	G
D	R	L	S	W	O	R	S	L	O	T	O	L	L	B
A	S	E	T	V	S	C	B	D	F	G	W	E	E	T

CryptoGram: Wooden Trusses

The following puzzle consists of the types of wooden trusses used in covered bridges. To solve, substitute a different letter for each letter in the word, but the same substitution must be used throughout the puzzle. This puzzle was originally published in the Winter 1986 *Topics* on page 5.

- | | | |
|--------------|-----------|-----------------|
| 1. OPZTAFRV | 7. AULVV | 13. NFQJ |
| 2. RGPVN | 8. XNPEIR | 14. GXXLEEHG |
| 3. ALUVUPITJ | 9. LUXN | 15. ALIIEJYYFUI |
| 4. VFQZ | 10. DUFQZ | 16. NLHAV |
| 5. DHUU | 11. EFZT | 17. QLUUJZ |
| 6. BHJJZAFRV | 12. AFRV | |

Solutions to Letter Substitution Puzzles in the Summer 2020 Newsletter

CryptoQuote

I was convinced at that time that to preserve the work of these honest and true carpenters of one hundred years ago was the duty of every good citizen who would save for posterity that which can never again be reproduced.

It is my firm belief that the person who can, but will not bother to do anything to preserve these priceless pieces of Americana is as guilty of their destruction as he who actually destroys.

Milton S. Graton

CryptoGram: Pennsylvania Counties with Covered Bridges

- | | | | | |
|-----------------|-----------------|------------------|----------------|--------------------|
| 1. Adams | 9. Union | 17. Sullivan | 25. Columbia | 33. Luzerne |
| 2. Bucks | 10. Snyder | 18. Greene | 26. Clearfield | 34. Chester |
| 3. Clinton | 11. Northampton | 19. Berks | 27. Lawrence | 35. Perry |
| 4. Erie | 12. Lycoming | 20. Westmoreland | 28. Bradford | 36. Northumberland |
| 5. Juniata | 13. Lancaster | 21. Beaver | 29. Delaware | 37. Somerset |
| 6. Lehigh | 14. Dauphin | 22. Washington | 30. Cumberland | |
| 7. Mercer | 15. Franklin | 23. Indiana | 31. Montour | |
| 8. Philadelphia | 16. Bedford | 24. Carbon | 32. Schuylkill | |