



The FIREBOX



Official Newsletter of the

Carillon Park Rail & Steam Society

Sep 7, 2023

1000 Carillon Blvd, Dayton, Ohio 45409

www.CPRSS.org

Upcoming Events:

1) CPRSS meeting Saturday, **September 9, 10 AM** at the track under the shelter.

The CPRSS meeting starts at → 10 AM ← Plan to be early so you're not late.

2) Work Days are Tuesdays & Saturdays starting about 10 AM at the track in good weather.

3) Next public train run is **Sunday**, Sept 17 during **Concours d'Elegance** from 11 AM to 4 PM.

Sep 9: CPR&SS meeting topics: **Election of new officers for the 2024-2025 term**, track restoration planning, track work days, latest park construction plans, train runs, etc.

Members: Club memberships **EXPIRE on March 31**. You **MUST** be a member to run **ANY** equipment at the track. For memberships, sign up at the track or send an email to: Larry Wassell, Reilmann6240@att.net or postal mail to 2824 Vale Dr., Kettering OH 45420. For info also see the Membership page at: www.CPRSS.org

CPR & SS 2022/23 Officers(*) and others:

***President:** Jim Eaton 812-603-6275

Jim.Eaton@CPRSS.org

***Vice President:** Norm Gibson

937-510-6142 NormGibson2015@gmail.com

***Treasurer:** Bob Schwenke 937-572-3411

RBSchwenke50@AOL.com

***Secretary:** Ken Hemmelgarn 937-275-9589

Ken.Hemmelgarn@sbcglobal.net

Membership, Engine Maintenance,

& Special Runs: Lawrence Wassell

937-293-3615 Reilmann6240@att.net

Safety Committee: Ken Hemmelgarn

Boiler Inspections: Ken Hemmelgarn

937-275-9589

Ken.Hemmelgarn@sbcglobal.net

Newsletter, Website, Volunteer Hours:

John Laugle (937) 269-4654

jwlaugle@yahoo.com



Above is the track work crew on the Aug 29 work day. L-R are Ken H, Bob H, Bob S, Thom P, John L, and Jim H. Other workers this day but not shown are Larry W, Howard W, and Rick C. This picture was taken because this track has just been completed from the east side of the big tunnel all the way back to the west gate of Carillon Park (shown at the upper left). There were many other CPR&SS club members who have worked restoring the tracks.

Below left is Ken H using an angle grinder with a cutoff blade to cut a piece of track to proper length. At below right is Ken drilling holes in the rails to be connected with joint bars. Ken made the drill guide and also made the lever device that provides extra force on the drill to speed the drilling.



Below left is Bob S pressure washing the bridge by the loading area. By days end, Bob had removed all of the paint from the top surface of the bridge as seen at Bob's feet in this picture.



Above right is the thermometer reading measuring the rail temperature on the Aug 22 work day. It was 88 F air temperature and the thermometer, which was taped to a rail's shady side, got up to 124 F a few times. The Sun was out and there was a slight breeze. The rails were 36 F degrees above air temperature. The measurement was taken to assess the temperature swings the rails may experience from highest to lowest. Dayton has seen -26 F at least one winter so the temp swing can be $124 + 26 = 150$ F degrees. The thermal coefficient of expansion (α) of steel is 6.3×10^{-6} in/in Deg F. The equation for rail expansion is:

$L_{\max} - L_{\min} = \alpha * L * (T_{\max} - T_{\min})$ where "L" is the length of the rail in inches. So a 22 foot rail could expand and contract about 0.25 inch if these temperature extremes are used. We have added slots to our joint bars to accommodate this change in length. Track movement can also absorb rail expansion and can be seen on curves where the track moves in and out radially. On straight sections, some rails have popped up above the ground due to thermal expansion.



At left is Ken H attaching the drill guide on the last piece of track that connects track #2 through the big tunnel. Helping are Thom P and Jim H (red shirt). Many other workers helped restore this and other tracks on this day and many other days. At the other end of the tunnel is Bob S leveling the track.

At right is Bob S on the Sept 5 work day digging to extend the stone block wall a few more feet. The blocks are cleaned then glued in place. They have a hook in back to also lock in place on the block below which provides a slight step-back as the wall gets built higher.



Election of CPR&SS Officers for the 2024/2025 term:

This year is election year for the CPR&SS Officers. The election will take place at the November 11, 2023 club meeting by those members present at the meeting. The club meeting starts promptly at 10 AM at the shelter at the track at Carillon Park, Dayton, Ohio or, if the weather is bad, the meeting will be in a room in the Carillon Park main building. Only ballots cast at the November meeting will be counted. NO email, snail mail, or other forms of absentee ballots will be accepted. Each member in good standing in attendance may cast one vote for each officer position.

The current slate of officers is:

PRESIDENT:	Jim Eaton	(Does NOT want to run; nominees needed)
VICE PRESIDENT:	Norm Gibson	(Does NOT want to run; nominees needed)
SECRETARY:	Ken Hemmelgarn	(Does NOT want to run; nominees needed)
TREASURER:	Robert Schwenke	(Wants to run for the Treasurers position)

Nominations for ALL positions are open up to voting time at the November CPR&SS meeting. If you would like to run for office or to nominate someone else (they also need to accept the nomination) to an officer position, contact Jim Eaton with your nomination.

Contact Jim Eaton at: e-mail: Jim.Eaton@CPRSS.org Phone: (812) 603-6275

Below are (L-R) Thom P, Ken H (blue jeans), and Larry W connecting the two sections of track at the far west end of Carillon Park on the Sept 5 work day. There are three tracks here and each had two 15 foot sections of track removed to give access across this area to the construction workers building the three foot railroad. The connections are being made with bolted joint bars so these sections of track can be removed if needed in the future. The generator is on a flat car and is moved to the work area on rails and powers the angle grinder and drill. New gravel is shoveled into the buckets and also moved by flat car to where it's needed.



Miscellaneous links: **Check each website for the most recent updates and additional details.**

[Mill Creek Central](#): See website for all 2023 meets and work days. The next meets are Sept 15 – 17 and Oct 12 - 15. Safety chains between RR cars are mandatory now. See the website for the latest details.

[WhiteCreekRR.com](#) Card Order meet is Sept 4 through 9. Pre registration is necessary. Drawbars or safety chains are mandatory. See website.

[FortWayneRailRoad.org](#) Excursions are ongoing. See website.

[Cincinnati Cinder Sniffers](#) [Indiana Live Steamers](#)

[Train Mountain](#) Next Triennial is probably 2025. See website.

[Lebanon Railroad](#)

[Age Of Steam Roundhouse](#) **Special Event: "Steam to Victory 2023" Sept 8 & 9.** See website.

Roundhouse Tours: Thu, Fri, & Sat. Last 3 Ferroequinologist 3 hour tours: Sep 30, Oct 7, & Nov 11, 2023.

[UP.com/heritage/steam/](#) 4014 Home Run Express – recently completed. See website for next event.

[LiveSteam.Net](#) Live Steam & Outdoor Railroading magazine – Articles, vendors, other clubs and schedules.

[DiscoverLiveSteam.com/](#) Live steam and diesel model RR – Locos & items for sale, vendors, articles, etc.