



CALLBOARD

WINTER 2024

RED Website: <https://www.nmra-red.org/>

WINTER 2024 CALLBOARD

Points of Interest

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In This Issue

Welcome to the Winter 2024 issue of the Callboard. In spite of the weather we had a great turnout for the Winter RED meeting. A full report of the meeting is available in this issue. There are updates for the upcoming PCR and National Conventions.

- **Officers Reports**
 - Superintendent's Report
 - Chief Clerk's Report
 - Membership Report
- RED Member of the Year - Verne Alexander
- Spring RED Meeting Report
 - 21 people attended the meeting
 - 3 Show & Tell participants
 - Dave Croshere - \$75 cash prize winner
 - Kent Hinton - \$25 cash prize winner
 - Free lunch for everyone!
 - 3 Presentations
 - Dan Obermeyer - Rocky Mountain Division Layout
 - Michael Litant - Railroad Videos: Just A Click Away
 - Kent Hinton - 3D Printing for Model Railroads
 - Cliff Baumer - Special door prize - Six unit work train!
- Looking For A New Model Railroading Project?
- A John Huckaby Model
- Redwood Empire Division Facebook Page
- Redwood Empire Division Website
- Clubs in the RED
- Spring Meeting Announcement
- 2024 PCR Convention - *The Tech Line*
- 2024 NMRA National Convention - *Surfliner*
- The Caboose

Past issues of the Callboard are available for viewing on the [RED website](https://www.nmra-red.org/).

RED Website: <https://www.nmra-red.org/>

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Superintendent's Report - Paul Weiss

We've been enjoying our quarterly meets and, while Mother Nature has done her very best to dissuade us from gathering, the faithful have braved the rains and turned out both in November and February. The details of our recent Winter Meet are reported elsewhere in this issue; by May we expect better weather and encourage you to join us.

We have been successfully recruiting excellent keynote speakers who have shared their skills, knowledge, and or layout progress. Unlike all the other forums in which you get modeling related content and enjoyment, this one is special as it is always your friends and neighbors here in the RED doing the presenting. The happy inconsequence, which I have seen happen over and over, is that our members see presentation then can follow up, as in "hey can I come see that?" or "hey can you come to my place and advise or help?". Good interaction and friendships develop, so make it a point to join us in May at Monroe Hall.

Also as reported in this issue, we voted for Member of the Year. I think historically Member of the Year has been decided by the Superintendent BUT I ducked this, thinking you members who made it to the Meet should vote. Verne Alexander was so elected, and a worthy recipient indeed whom I am also proud to claim as a friend. Not likely reported elsewhere is the contribution he has made to our large CVRR layout in Novato (is this the place where I say Verne is not all CRAP?). Verne and Clark Stewart ran our car shop... a thankless task of keeping our fleet of over 700 cars up to standards of appearance and performance. After Clark's last run Verne took up the slack, often working tirelessly and solo. I can attest to his skills and dedication to the hobby.

Also not reported elsewhere are numerous Member of the Year votes also received by runners up Tom Comyns and Gary Pischke. Tom met Verne at a Meet after Verne made a support request of the group... they became friends and when Verne had some health setbacks Tom stepped in as a friend, chauffeur, and news disseminator. Gary responded to a call for help for ideas for our Summer 2023 Meet and graciously set things up with the GGRM. These guys are the best of us.

The rain this last time thinned the ranks of Show and Tell presenters, so this is also a call for presenters in May. We award the first prize of \$75 and \$25 to the runner up, voted on by the attendees. It's not a modeling contest, just tell a story or anecdote and or show off a memento OR a model you own or built...

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News and other calls for help:

In August is our Summer Meet and Picnic. We welcome your ideas for venues and could use your help putting the party together.

Further out in 2026 the RED will host the PCR Convention; we need people and ideas dedicated to making this a great event. Will you join us? Even if you have no idea how this all works, all good. We absolutely can use your ideas and support.

And a reminder: There is a robust opportunity here for RED to help facilitate your local needs and requests. Want to visit layouts? Operate on some? Need help in a general or specific area? Have an announcement? There are over 100 of us right here in the hood. Use the chance to mobilize, just let me know and we will make it happen.

Paul Weiss***Superintendent: Redwood Empire Division***

Chief Clerk's Report - David Grundman

The last bank statement shows a balance of \$6062.03. The raffle received \$63.00 and one DVD sale for 50-cents for a total of \$63.50. We also received \$5.00 donation in the Kitty Car. We do receive an annual support from the PCR based upon our membership level at the rate of 50 -cents per member. Our last support check was \$51.00 received last September.

We do have a large selection of VHS tapes (you will need an old machine to run these) covering subjects from building your model railroad to real railroad tours and some DVDS for modern machines all at 50-cents each. Cliff Baumer won the special door prize (red ticket) of a six-unit work train. Dave Croshere was awarded the \$75.00 Show and Tell prize for his presentation. Kent Hinton took the \$25.00 prize for his presentation on 3D printed samples

Membership Report - Gus Campagna

As of February 2024 the Redwood Empire Division membership stands at 102 members.

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RED Member of the Year Verne Alexander



Verne Alexander is a longtime member of the NMRA / Redwood Empire Division and, for over two decades, a member of a local operating group, the Hi Ballers. Verne also volunteers at the Northwestern Pacific Railroad Historical Society. Ron Kaiser recalls Verne's been a Hi Baller for over two decades. In those early years, we had a lot of fun helping to build and scenic his CRAP layout. At my layout, when there is a work day, I can always count on Verne to be a super carshop worker.

For the RED and PCR, we have all had many opportunities to have Verne's talent in writing clever and humorous stories for us. That, and his captivating storytelling at Show and Tell, will always be something special in my model railroad life.

More about Verne's layout, the CRAP. Here's Verne's description of the layout from the 2022 Convention program. "CRAP is the acronym for my HO scale Colville, Republic, and Palouse RR. The CRAP is a proto-freelance railroad based in Spokane, WA. To the north, it runs up through the Colville Valley and then up over Sherman Pass and down into Republic. This resembles the GN/BNSF Kettle Valley branch. The CRAP runs south out of Spokane, down through Pullman, and then out of the room to Lewiston to interchange with the Camas Prairie. This closely resembles the NP Palouse and Lewiston branch. The time is harvest season of 1944, and the war is still being fought. Business is very good."

Thank you, Verne, for sharing your friendship, modeling experiences, and humor with all of us!

WINTER 2024 MEETING

The rainy weather didn't dampen the spirits of the twenty-one people who attended the Winter 2024 Redwood Empire Division Meeting. Following the opening remarks by Superintendent Paul Weiss and member introductions, the membership voted on the RED Member of the Year. Verne Alexander is this year's RED Member of the Year, and the presentation will occur during the spring meeting.

Moving on, three attendees presented his 3D printed parts and models. Dave Croshere gave a brief history of a hopper car he is constructing for his NMRA Master Model Railroad Certificate. Ben Sochacki discussed his G-scale modeling experience and presented his G-scale video car.

There were three great presentations. Dan Obermeyer showed his plans and in progress building of his impressive layout in Lake County. Michael Litant gave an excellent overview of the many YouTube videos available about all facets of model railroading. Kent Hinton expanded on this 3D Show & Tell presentation with an in-depth description of current 3D printing technology available to model railroaders.

Lunch was served courtesy of the RED. The meeting wrapped up with the raffle and cash presentations to Show & Tell participants.



Show & Tell

Kent Hinton - 3D Printing

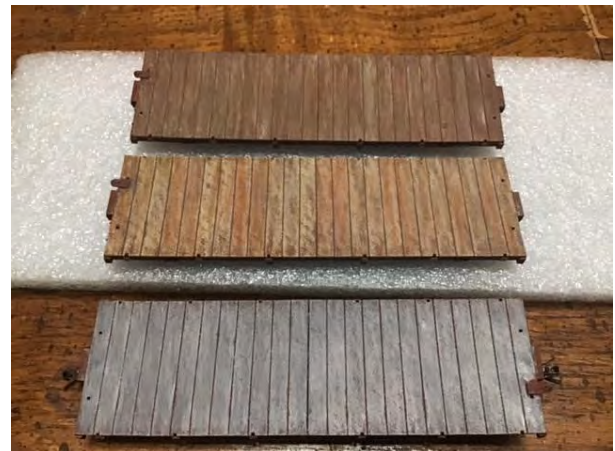
Kent showed a variety of his 3D-printed parts and models. This talk was a great introduction to his full presentation on the latest 3D printing technology. In particular, Kent focused on the SP 73-SC-1 semi-cylindrical tender and the NWP Harriman car (only the end of the model, but he is modeling the full car). Persons interested in the tender and related Bachmann 2-8-0 conversion parts by Owl Mountain Models may want to join the discussion at SP280HO+subscribe@groups.io. Kent anticipates the tender will be available for sale in late spring or early summer. There is no ETA yet on the Harriman cars.



3D printed models



3D printed diesel truck (on the right)

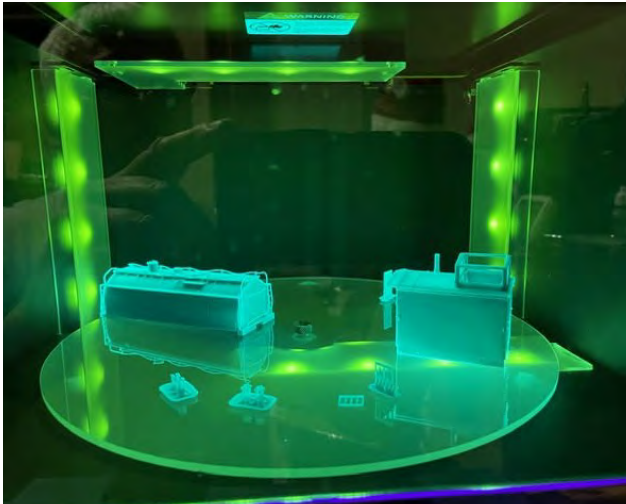


3D printed flat car decks then painted with Tamiya Fine Surface Primer Oxide Red then colored the decks with Pentel color pencils.

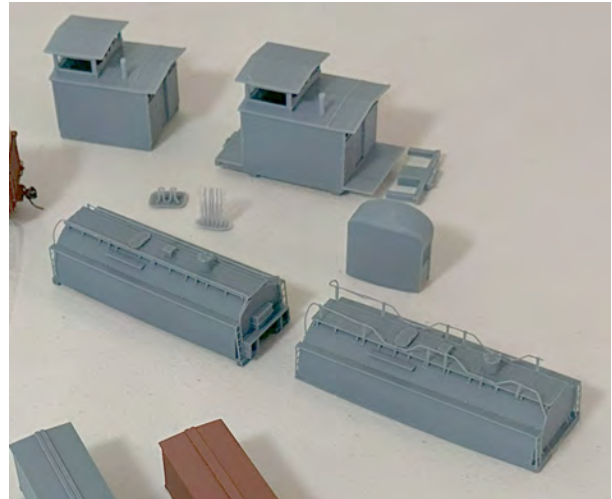
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Show & Tell

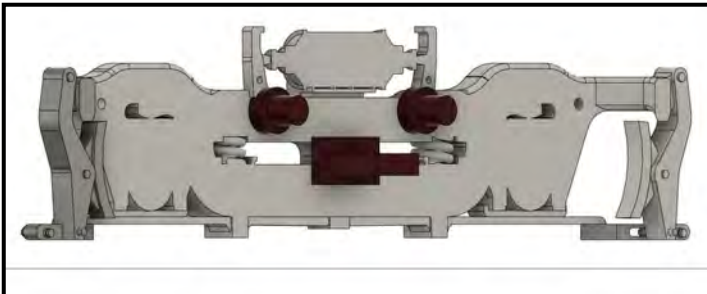
Kent Hinton - 3D Printing



3D printer with parts



3D printed parts



3D printed part CAD image.



3D printed part



3D printed component housing (white part).

Show & Tell

Dave Croshere - The HL Saga

My dad had a book on model trains called the "Model Railroad Cyclopedia" (circa 1947). As a kid I loved the book. I still have it. Now I look at it, mostly remembering how I liked to page through the various plans and pictures.

Maybe twelve fifteen years ago, I started to scratch build a Norfolk and Western hopper car. I didn't know too much about it, but the plans and a picture of that hopper came from dad's book.

I put together the basic hopper car, with sides, ends, slope sheets, coal hopper chutes and lower frame. The plans were very basic and much of my hopper car's construction was done from a few dimensions, angles and with proportional dividers. As this was going on, I started formulating plans for a layout. When the layout started, the hopper car project went into a serious shut down. I had thought the hopper car series I was building started in 1940s. My layout is circa 1936, so it was not appropriate for my layout. Hence, there was no real reason to finish the model with so many other items of a higher priority.

As the layout came together I started looking at possible ops sessions. Any kind of ops session needs many cars to shuffle around. I had very few. So, I put trucks and couplers on the hopper to supplement my limited inventory of cars. The hopper was nowhere near finished. It was just a styrene shell and when I added lead to the hopper chutes, it did just fine. It had no decals, ladders, grab bars, etc. It was just not anywhere near finished. The ops crew got on me because it didn't have a number to designate it on waybills. I said just assume it's number zero. I ultimately listed it that way.

Closer to the present, I got to the point in the achievement program where I needed to complete the "cars section." The car's section requires eight cars, four of which are to be scratch built cars. Could I resurrect the hopper car started twelve or so years ago? It has been in service on my layout for ten years and showing some wear. Bringing the car up to standards



Continued on next page

Show & Tell

Dave Croshere - The HL Saga

has been a fun endeavor. Since my hopper project was started, I have acquired more books on the subject and better plans for hoppers. I now know it is a Norfolk and Western HL series hopper. The first HL was marked as being weighed in June 1936. So, the research and the rebuild made it appropriate as a new un-weathered car correct for my layout. N & W went on to build 13000 of the HL series.

The last one was built in 1940. Some were still registered in use in 1928. I feel a certain nostalgia toward my HL hopper.



A John Huckaby Model

Elvis has left the building.



Show & Tell

Ben Sochacki - G Scale Camera Car

Ben is a docent at the Mendocino Coast Model Railroad and Historical Society located across from the Skunk Train depot in Fort Bragg. The society has a large G-scale "dead rail" layout that runs inside and out of the society's building. He traveled from Mendocino County to show his G-scale camera car and provided a video of the layout from the engineer's point of view. The link below provides a video tour of the layout at the MCMR&HS from the engineer's seat.



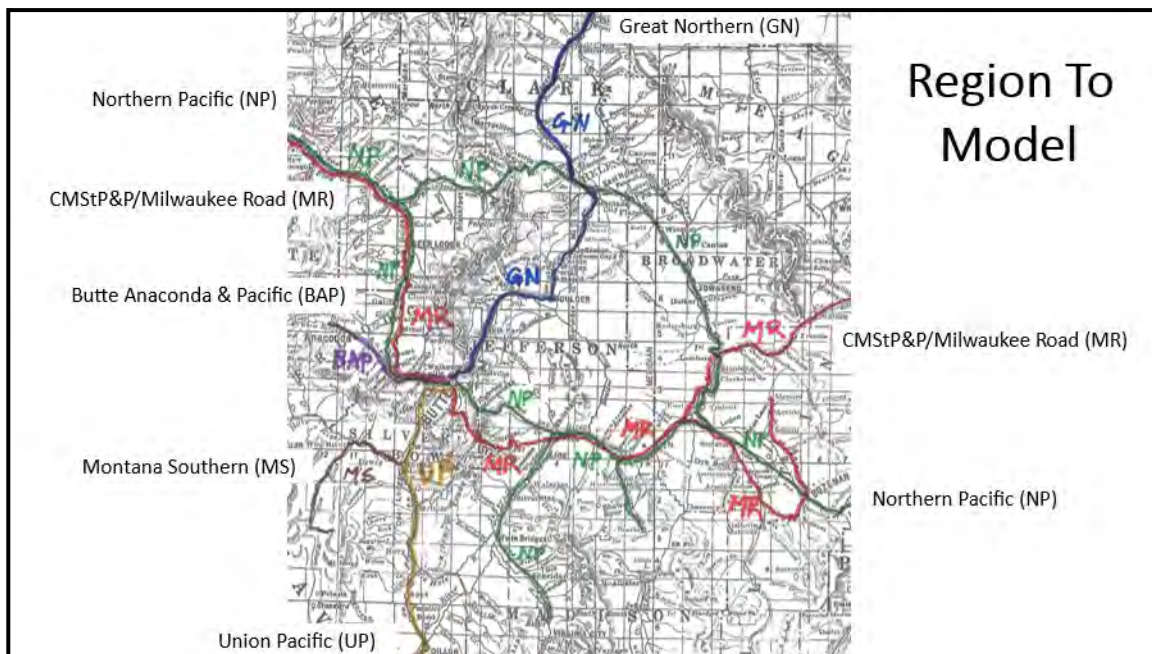
Click here for:

[Ben's Video Tour of the MCMR&HS G Scale Layout](#)

Presentation - Rocky Mountain Division Layout

Dan Obermeyer

My journey with the Rocky Mountain segments of Northern Pacific (NP), Chicago Milwaukee Saint Paul and Pacific also known as the Milwaukee Road (CMStP&P), Great Northern (GN), and Union Pacific (UP) toward building my dream layout has turned into an experiment in techniques, technology, tenaciousness, and trains. In a 27' by 31' layout room trying to capture the Butte and Helena area of Montana where six railroads met in the fall of mid 1940's, with urban running, high mountain passes, war time traffic, and the fall rush of grain, fruit, lumber, and cattle. It also includes the regional railroad – Butte Anaconda & Pacific (BAP) and the last narrow gauge railroad built in the US the Montana Southern (MS), that got all its equipment from the bankrupt Florence and Cripple Creek.



The design parameters for the layout include the following Givens (have to have's) and the Druthers (would like to have).

Operations is my end goal, and I want to have the opportunity to work a job on several great layouts in our region. I view operations as a role-playing game with the choreographer (dispatcher), wings (staging), actors (crews, agent/operators), and extras (trainmaster, yardmaster, car foreman, roadmaster). The design is planned to allow 6 to 36 people to run it by adjusting the number of railroads running.

The train room is on the second floor and was purpose-built for the layout space. The room is accessible with ramps to enter the house and a stair chair to get up the stairs (for my old age body – someday

Continued on next page

Presentation - Rocky Mountain Division Layout

GIVENS

- Rocky Mountain Divisions of Milwaukee Road and Northern Pacific with UP and GN into Butte. Fall of mid 1940's with wartime traffic
- Montana Southern as the last major narrow gauge railroad built in US. (Fudge on abandonment dates to allow operation into the 1940's – wartime revival for metals)
- Lots of staging. UP (Pocatello), GN (Great Falls), NP (Livingston-east & Missoula-west), CMStP&P (Harlowton-east & Avery-west)
- Major Iconic scenes – Uptown Butte, Skyview trestle, Eagles Nest trestle and tunnel, Lombard crossing, Sappington crossing and tower, MS trestle and tunnel, Miles Crossing, etc.
- DCC (Digitrax) with sound
- TT/TO operations with 6 to 36 operators
- Uses landing as crew lounge and dispatcher station(s)
- Minimize the need to reach into the layout because of catenary and semaphores. Use magnets for all uncoupling. Bullet proof track. Manual turnout controls on fascia

DRUTHERS

- Allow for addition of signals (semaphores and three light)
- String catenary wires
- Allow for remote crews (video)
- Modular sections for construction and maintenance
- Ability to have each station that OS trains to allow agent to see trains (video)
- Place agent/operators in the aisles. Suitcase style box for each operator with all necessary forms, tools, clock, phones, and electronics. Plug and Play
- JMRI?
- Some streetcar activity in Helena and Butte (include cable car)

So far, construction has been a solo project, so progress has been slow, with the first deck largely operational. Mockups help finalize design and construction questions. The aisles will have 8" risers to bring the Butte level to below my eye level with moveable step stools for shorter persons. The top deck only has four stations requiring a 16" step stool for operators.

Design

- Room – 27' by 31' with 9' ceilings, accessibility (ramps and stair chair)
- 30" radius on main, 24" on branch lines, eased curves, Fastrack #6 turnouts, ME flex track (code 83, 70, 55, and 40)
- Signature structures and Iconic scenes – see photos for each deck
- Construction materials – foam, 1x2's, steel brackets for thin decks
- Rebuild/rethink – better to rebuild than make do
- Smiles – maximizing distances while maintaining proportional separation between towns
- Mockups – drawing, lists, spreadsheets, full scale
- Design/Build approach

Continued on next page

Presentation - Rocky Mountain Division Layout

CONSTRUCTION

The 1x2 wood frame was laid out using picture frame clamps to keep it aligned and square. The crossing members have been pre-drilled with holes to run and hold up the wiring. Then, the section is mounted on the wall with the metal



Construction Sequence

1x1 brackets added for strength. Using ¼" plywood for rigidity, sound deadening, and as a mounting surface for turnout mechanisms. Two layers of 1" foam were added but not yet glued in place.

MAKING THE TOPOGRAPHY

This approach only requires two sheets of 1" blue foam boards to achieve topographic forms in all but the steepest areas where one or two sheets are used.

The roadbed is 1" wide strips of foam cut ¼" thick and glued with latex chalking. For the mains, I added a 1/8" thick strip of black foam used for sound deadening on flooring to give the main extra height. Flex track is glued down using latex chalking.

FOAM BOARD TOPOGRAPHY



Mark out benchwork members, track plan, major structures, and water features.

Mark up even contour lines in one color (blue)

Mark up the odd contour lines in another color (red)

Cut on the contour lines with a hot knife or a steak knife

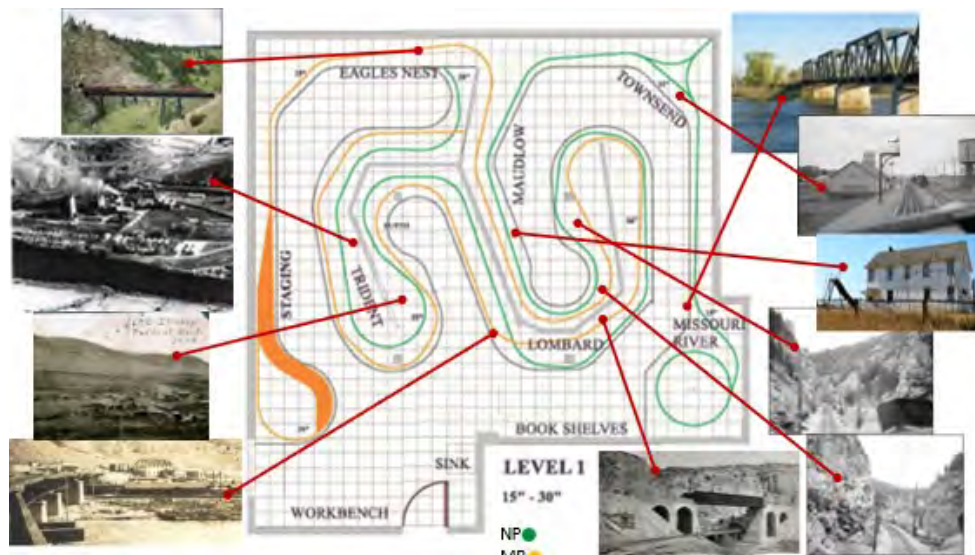
Stack and glue the foam boards creating the topography

Shave the rough areas to achieve the shapes needed

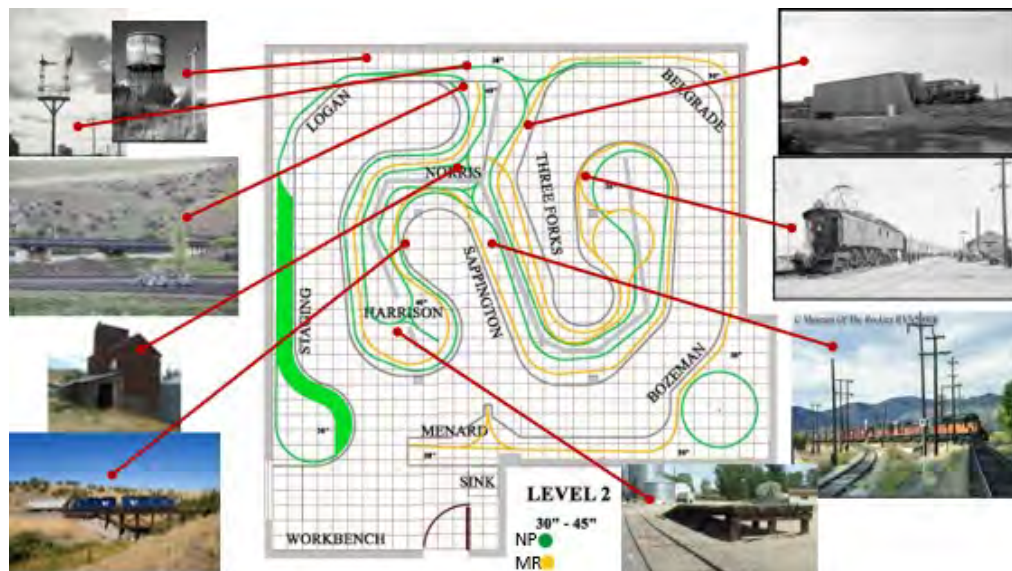
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LEVEL 1

The helixes will be herniated with sections bumped out to expose the track and allow operators to see their trains as they travel the helix.



This level includes the NP east staging at Livingston, the Red Bluff NP Branch line, and Milwaukee Road's Gallatin Valley branch. Scenes include the grade crossing with the tower at Sappington, Jefferson Canyon, and several river crossings.

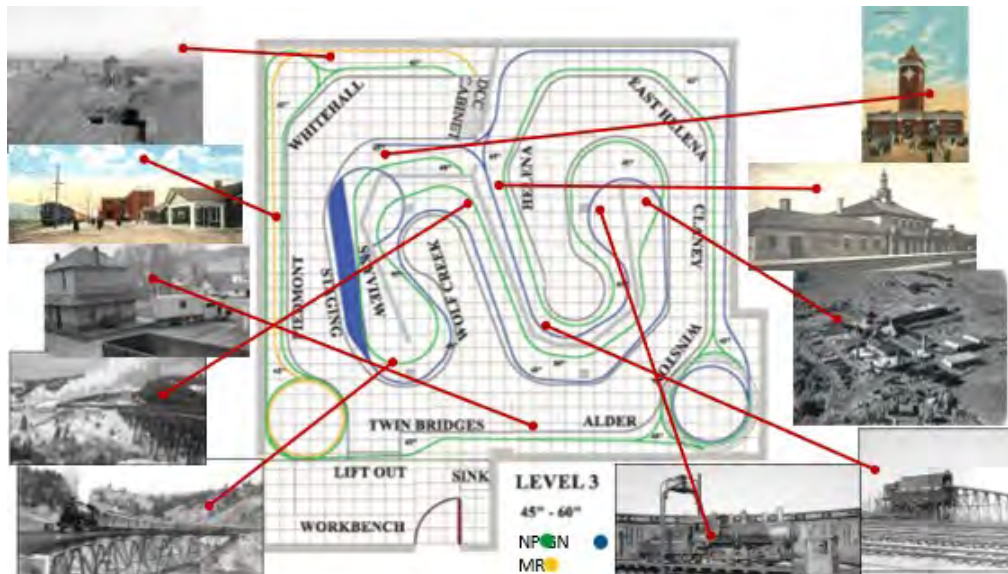


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Presentation - Rocky Mountain Division Layout

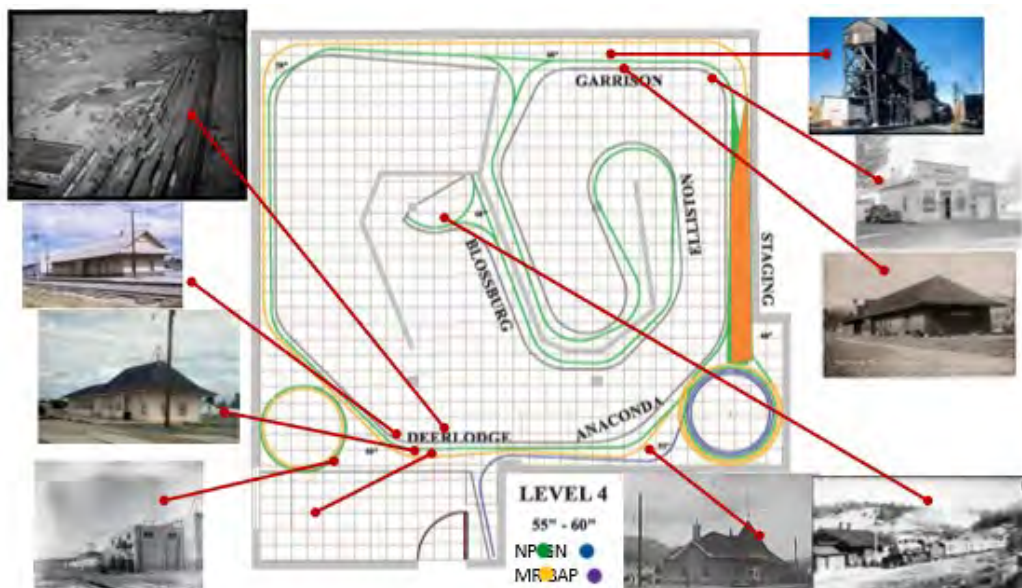
LEVEL 3

Helena is represented on this level with its coaling station and several iconic stations. The east side of Mullen Pass, with its several steel trestles, is included. The GN north-end staging is here, representing Great Falls. From Whitehall, the Ruby Valley NP Branch line crosses an aisle with a lift-out bridge.



LEVEL 4

This is the west end of the region, with two stacked staging yards representing Missoula (NP) and Avery (Milwaukee Road). It also represents the west side of Mullen Pass with Blossburg at the summit where helpers turned. Garrison also has a ramped coaling station.

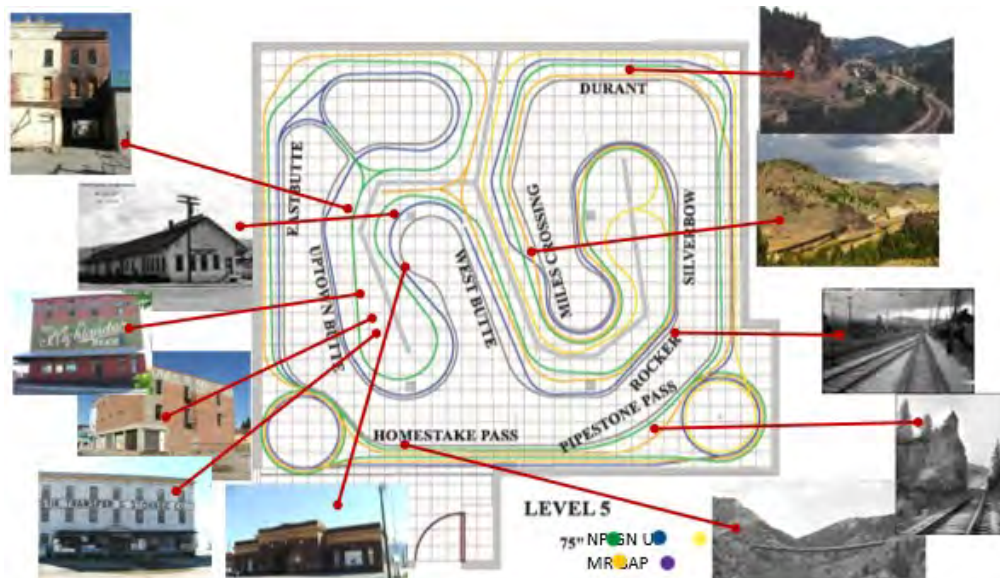


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Presentation - Rocky Mountain Division Layout

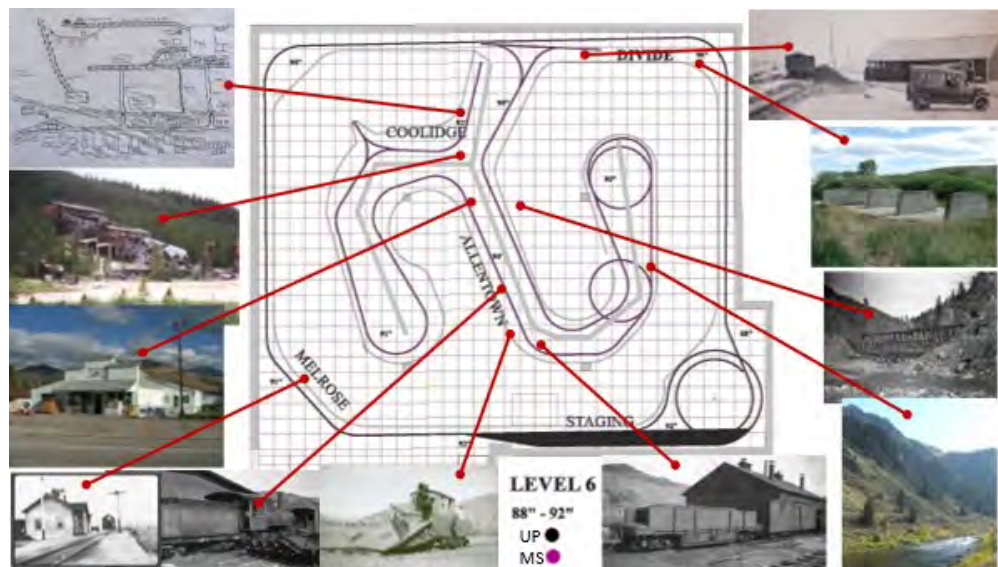
LEVEL 5

Butte dominates this level with its mines, stations, engine terminals, and historic downtown (known as Uptown). The descent from the Continental Divide is represented by the helixes and the south wall level with its trestles and mountainous terrain.



LEVEL 6

The uppermost deck represents UP's staging in Pocatello and the Montana Southern narrow gauge line that interchanged at Divide with the UP and ran up to the silver mine at Coolidge. One of the unique features of the narrow gauge track was that they used standard gauge ties and set the rails so they could one day move one rail to make it standard gauge. That day never came.



Continued on next page

Presentation - Rocky Mountain Division Layout

WANT TO JOIN THIS EXPERIMENT?

I am looking forward to establishing a crew that would be willing to carpool up to Lake County occasionally to give me a hand during construction and operations. If you are interested in coming up, contact me, and I will include you in the next work session.



Contact:

Dan Obermeyer

danobermeyer@mchsi.com

707-489-6342

PO Box 639

9430 Glenhaven Drive

Glenhaven CA 95443

LOOKING FOR A NEW MODEL RAILROADING PROJECT?



This LEGO Big Boy is literally big - 1/7th scale, 20" long, 30,000 pieces, moving driver wheels, operating hatches, operating lights, 7 Years to build by Mark Staffa.

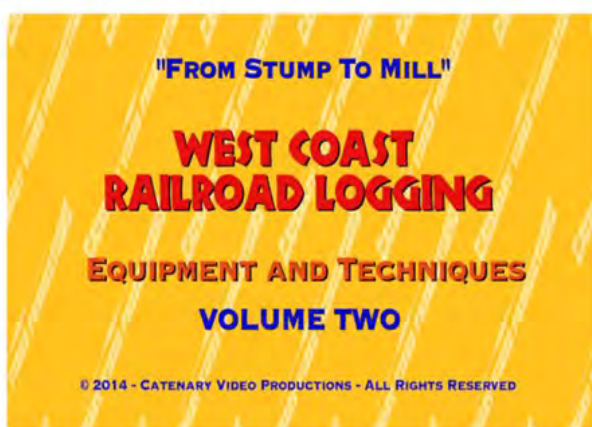
Staffa Lego Big Boy Video

<https://youtu.be/1yS6AwH4Rt4?si=hXmLGaCdGAWw9qqS>

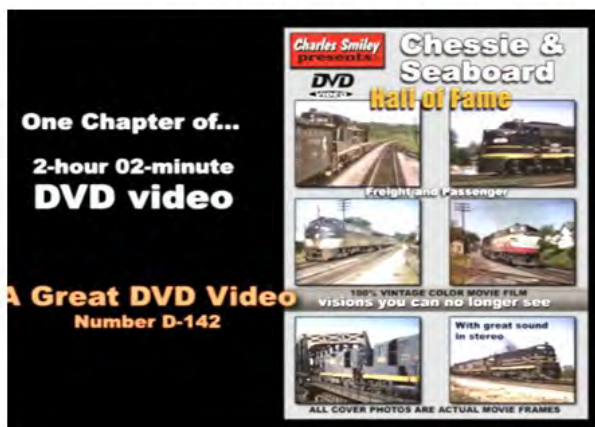
Presentation - Railroad Videos: Just A Click Away!

Michael Litant

Return to those thrilling railroad days of yesteryear—or recent times—through the variety of railroad-themed railroad-produced films and videos on YouTube. For modelers or fans, you can see a favorite railroad in different time periods through safety films, public relations and educational films, railroad-themed serials and shorts, and information on using YouTube's speed and size settings. A PDF of links to videos will be available through email.



Previews of Railroad Videos



All videos available on YouTube!

Continued on next page

Presentation - Railroad Videos: Just A Click Away!



Odds 'n Ends



Union Pacific



Southern Pacific/SJ State College



Railroad Safety Films

Great Northern



Pennsylvania Railroad



All videos available on YouTube!

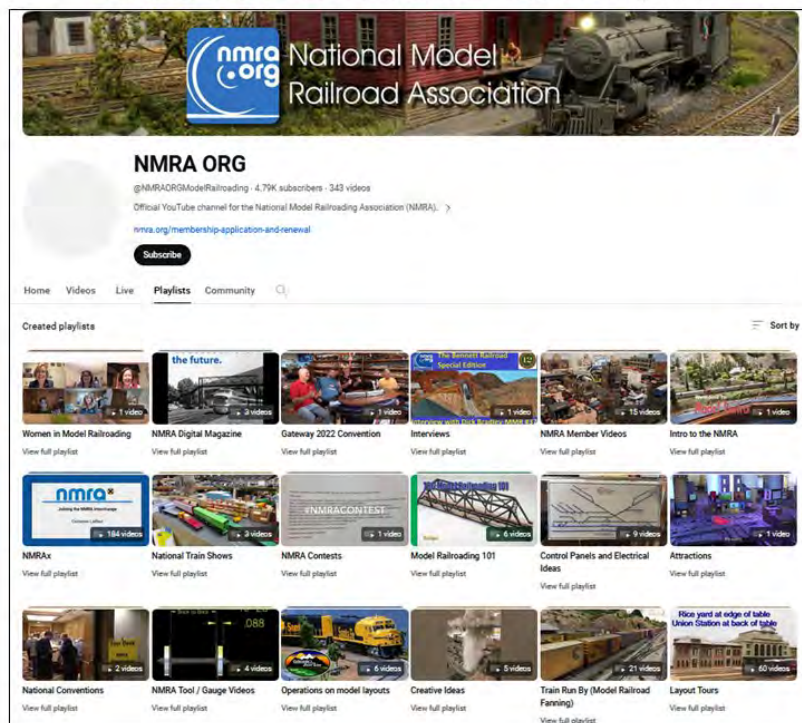
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Presentation - Railroad Videos: Just A Click Away!

Serials — The Hazards of Helen



NMRA has a YouTube Channel, too



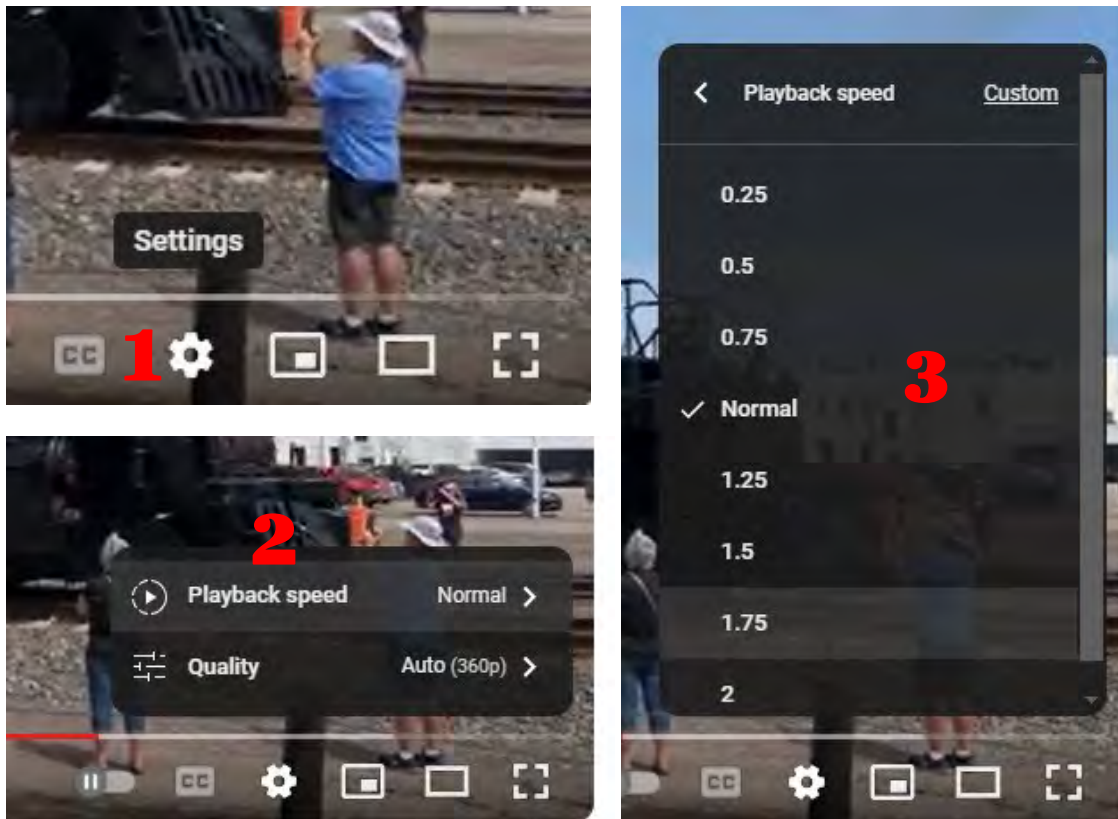
All videos available on YouTube!

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Presentation - Railroad Videos: Just A Click Away!

Time Out - Film Video Speed

You can adjust the speed of the video you are viewing as follows.



1. Click on the Settings icon in the lower right hand corner of the screen
2. Select Playback speed
3. Select the desired playback speed

Links to all of the videos are available on the next five pages.

Continued on next page

Presentation - Railroad Videos: Just A Click Away!

So Many Videos, So Little Time - RED Meeting 2-17-24
Films and Videos referenced in the presentation by Michael Litant

Railroad-Produced Films

Once Upon the Wabash

<https://www.youtube.com/watch?v=RtuR1XhaCiQ>

A Railroad at Work (The Milwaukee Road, 1946)

https://www.youtube.com/watch?v=4D_pXV9tJtY

The Freight Yard (New York Central) [Sound cuts in and out]

<https://www.youtube.com/watch?v=x7x5JKhLlss>

Fast Freight Rolling (Western Maryland)

<https://www.youtube.com/watch?v=OLESBC95iF0>

Last of the Giants (Union Pacific)

<https://www.youtube.com/watch?v=fXcD6ZdPR9k>

Fresh for Health (Santa Fe) — oranges and potatoes go to market

https://www.youtube.com/watch?v=OcXUD_44iHc

A Great Railroad at Work (New Haven)

<https://www.youtube.com/watch?v=Zk8htfb2-h0>

Rolling the Freight (Chicago & North Western)

<https://www.youtube.com/watch?v=Ws4OUAYiP7Y>

Industry-Produced Films

On the Track

<https://www.youtube.com/watch?v=VoBSIKa4BQM&list=PLqqqqZrD37h5oAg232adoJ-Gv5LJq39YQ>

Life-Line of the Nation

<https://www.youtube.com/watch?v=QHDuVfeTMtI>

You and your Railroads

<https://www.youtube.com/watch?v=EyljVzpDMKU>

225,000 Mile Proving Ground

<https://www.youtube.com/watch?v=ATB-U8cwMYE>

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Presentation - Railroad Videos: Just A Click Away!

So Many Videos, So Little Time - RED Meeting 2-17-24
Films and Videos referenced in the presentation by Michael Litant

Educational Films

The Passenger Train, 1940 (Erpi Classroom Films Inc./Columbia University)

<https://www.youtube.com/watch?v=Dlswb0QOml0>

Streamlined (RKO-Pathe)

<https://www.youtube.com/watch?v=XWxOta5n1lw>

Men and Mail in Transit (United States Post Office Dept.)

<https://www.youtube.com/watch?v=Tlo3BAJEgYw>

The Freight Train (Encyclopedia Britannica)

<https://www.youtube.com/watch?v=Dtm7SQfNppM>

Railroad Safety Films

Getting Off on the Right Foot (Union Pacific)

<https://www.youtube.com/watch?v=4Rx57jVGfso>

Dangerous Playground (Southern Pacific and SJ State College)

<https://www.youtube.com/watch?v=fSJCdPQX2Y0>

Why Risk Your Life? (Great Northern)

<https://www.youtube.com/watch?v=BqpayZ2JqlU>

<https://www.youtube.com/watch?v=bTdxq-tRMiU>

What in BLAZES (Pennsylvania Railroad)

<https://www.youtube.com/watch?v=UGasliRFLWs>

Fan and Amateur Films and Videos

Columbus, Ohio, 50s and 60s

https://www.youtube.com/watch?v=ME3GPya_7kM

Arkansas & Missouri Alco T6s (Alcos & Rarities)

<https://www.youtube.com/watch?v=MLCWC8NiaE4>

Retailing a Steam Locomotive

<https://www.youtube.com/watch?v=AzaI84GCFYk>

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Presentation - Railroad Videos: Just A Click Away!

So Many Videos, So Little Time - RED Meeting 2-17-24
Films and Videos referenced in the presentation by Michael Litant

Roseville, California Rail Yard (A drone video by "California Phantom")

<https://www.youtube.com/watch?v=2u-TlflOJeQ>

Preview of Railroad Videos

West Coast Railroad Logging, Equipment, and Techniques, Vol. 2, Catenary Video Productions

<https://www.youtube.com/watch?v=djAw9feEoGA>

Southern Pacific, San Francisco Peninsula route Circa 1954, Vol. 5, Catenary Video Productions

<https://www.youtube.com/watch?v=FDJMfi4Q0js>

Chessie & Seaboard Hall of Fame, Charles Smalley Presentation

<https://www.youtube.com/watch?v=xPtwGmzcWHI>

Chicago Odyssey, Vol. 4, 1990s, Greenfrog Videos

<https://www.youtube.com/watch?v=4JviYJpLdSY>

Greenfrog Videos YouTube Channel (assortment of videos)

<https://www.youtube.com/@GreenFrogVideos/videos>

Periscope Film YouTube Channel (assortment of videos)

<https://www.youtube.com/@PeriscopeFilm/videos>

Model Railroad Tours and Operation

NMRA YouTube Channel (assortment of videos)

<https://www.youtube.com/@NMRAORGModelRailroading/videos>

Model Railroad Operations YouTube Channel (assortment of videos)

<https://www.youtube.com/@modelrailroadoperations2023/videos>

Operating the State Belt w/Bill Kaufman

https://www.youtube.com/watch?v=AfdP_s8xWmk

Operating the NWP w/Ed Merrin

<https://www.youtube.com/watch?v=tgJme8ql5Sk>

Operating the Cal-P w/Tom Swearingen

<https://www.youtube.com/watch?v=nHcJolfAUvI>

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Operating the SP Santa Rosalia Branch w/Tony Thompson

<https://www.youtube.com/watch?v=L1vIr50Htrw>

Operating the Oregon I-5 w/Bill Horstmeyer

https://www.youtube.com/watch?v=RLutedL_cGE

Operating Ernie Simard's Western Pacific

<https://www.youtube.com/watch?v=PK5QpT6yYhw>

Operating Ron Kaiser's Western Pacific

<https://www.youtube.com/watch?v=2I6NoFS3J4s>

Operating Steve Hayes' WP

<https://www.youtube.com/watch?v=iYgXhKGmV0w>

Operations on the Nicasio Northern w/Jon Schmidt

https://www.youtube.com/watch?v=-_WGX9t2nrw

Operating the Santa Cruz Northern, Part 1 w/Jim Providenza

<https://www.youtube.com/watch?v=aC6kgF2C7ok>

Serials and Films

Hazards of Helen—The Escape on the Fast Freight

<https://www.youtube.com/watch?v=vZsldQs74Dw>

Hazards of Helen—The Wrong Train Order

<https://www.youtube.com/watch?v=l267EluGL3I>

Hazards of Helen—The Pay Train

<https://www.youtube.com/watch?v=xaLqZqF4wqw>

Hazards of Helen—The Leap from the Water Tower

<https://www.youtube.com/watch?v=3FqrG7FSFJU>

Little Rascals—The Sun Down Limited

<https://www.youtube.com/watch?v=KhUUbragssA>

Little Rascals—Railroadin'

<https://www.youtube.com/watch?v=z9lx82v0CAc>

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Odds 'n Ends

Troop Train (Office of War Information/Bureau of Motion Pictures)

<https://www.youtube.com/watch?v=EROK3kAF3Uk>

Electroliners to Liberty Liners

<https://www.youtube.com/watch?v=kujmelc-MEw>

Warner Sand & Gravel, Van Sciver Plant, Tullytown, PA

<https://www.youtube.com/watch?v=iYUe-uKToday>

Railfanning the Upper Midwest 1950s-1960s

<https://www.youtube.com/watch?v=E0eN5KPBvPs>

fmmut YouTube Channel (assortment of videos)

<https://www.youtube.com/@fmmut/videos>

Street Running on the South Shore

https://www.youtube.com/watch?v=TgdPchFo_gg

Kennecott Copper Electric Trains Bingham Canyon to Magna

<https://www.youtube.com/watch?v=y54Uqg3EovA>

The Rock Island in Film 1940s-1970s

<https://www.youtube.com/watch?v=FmUfLeTESEs>

Model Railroad (O Scale, outside 3rd rail)

This one is actually on archive.org, but I had never seen outside third rail operation before

https://archive.org/details/6114_Model_Railroad_00_38_04_23



Presentation - 3D Printing Technology

Kent Hinton

Kent Hinton has been working with 3D print technology for quite a while. He gave a presentation to the RED a few years ago. Like all technology, 3D printing has made amazing progress in printers, variety of materials, and print quality. Kent gave an overview of model railroad 3D printed parts during his Show & Tell presentation. Why has Kent pursued 3D printing? 1. Produce models not available commercially. 2. Repeatability. 3. Enjoy learning new skills and techniques.

Kent's Current Printers

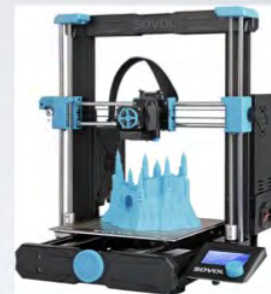
PRINT IT YOURSELF 2024

- **Sovol**

SV06 <= \$250

Build volume = 220*220*250mm

Resolution >= 40um



- **Phrozen**

Mini 8k <= \$450

Build volume = 165*72*80mm

Resolution = 22um



[SOVOL SV06 3D Printer](#)

[Phrozen Mini-8k 3D Printer](#)

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Presentation - 3D Printing Technology

Popular 3d drawing tools, included several which are free to use for non-commercial purposes

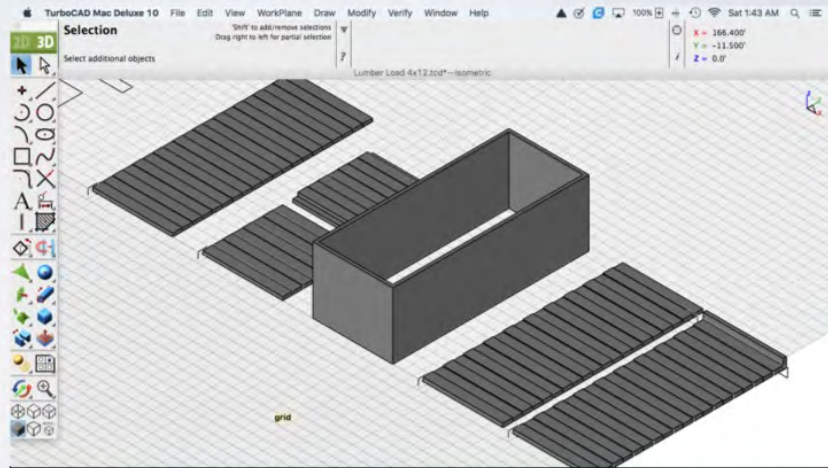
3D DRAWING TOOLS

- **Pay to use**

- AutoCAD
- TurboCAD

- **Freeware**

- Tinkercad
- Fusion360
- SketchUp
- blender



[AutoCad 3D Software](#)

[TurboCAD 3D Software](#)

[Tinkercad 3D Software](#)

[Fusion 360 3D Software](#)

[SketchUp 3D Software](#)

[blender](#)

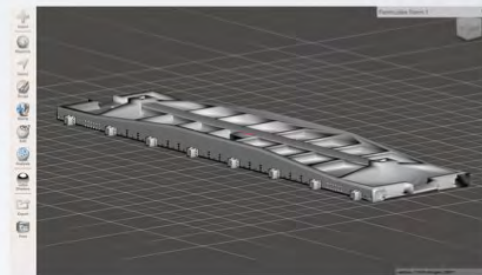
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Presentation - 3D Printing Technology

Free software for fixing STL files (STL files sent from CAD or other 3d modeling software to the printing software often contain errors which the printer cannot resolve)

FREE TOOLS FOR FIXING STL FILES!

- **Mesh Mixer**
- **Netfabb**
- **MS 3d Builder**
- **MeshLab**



[Meshmixer](#)

[Nettfab](#)

[MS 3D Builder](#)

[MeshLab](#)

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Presentation - 3D Printing Technology

UVTools, free software that is very helpful in tweaking print files for greatest likely hood of success

UVTOOLS

- Tools to change slicing parameters



[UVtools](https://www.nmra-red.org/)

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Presentation - 3D Printing Technology

**MakeHuman plugin for Blender,
free 3d tools for developing your own figures**

MAKE HUMAN PLUGIN FOR BLENDER

- **Easily create and modify humanoid figures in Blender.**
- **Editable attributes include gender, ethnicity, weight, clothing, poses, etc.**



[MakeHuman Plug-In For Blender](#)

Continued on next page

Lunch Courtesy of the RED

The Redwood Empire Division provided a delicious free lunch to everyone at the meeting, A big "Thank You!" to Mary-Moore Campagna and Paul Weiss for organizing this meetings lunch.



Raffle & Door Prizes

The meeting closed with the raffle and door prizes. Every person attending the meeting received a door prize, with the first four raffle prize winners getting the first choice. As you can see from the picture, there was much to choose from. Thank you to Dave Grundman for managing all the models, books, videos, etc., for each meeting. Dave said he would like more model railroad train equipment (engines, rolling stock, kits, etc.) to round out the offerings.

- Cliff Baumer won the special door prize (red ticket) of a six-unit work train.
- Dave Croshere was awarded the \$75.00 Show and Tell prize for his presentation.
- Kent Hinton took the \$25.00 prize for his presentation on 3D printed samples



Redwood Empire Division Facebook Page

Please check out the RED Facebook page. For more information about the RED Facebook Page, please contact Bill Kaufman (bill@statebelt.org).

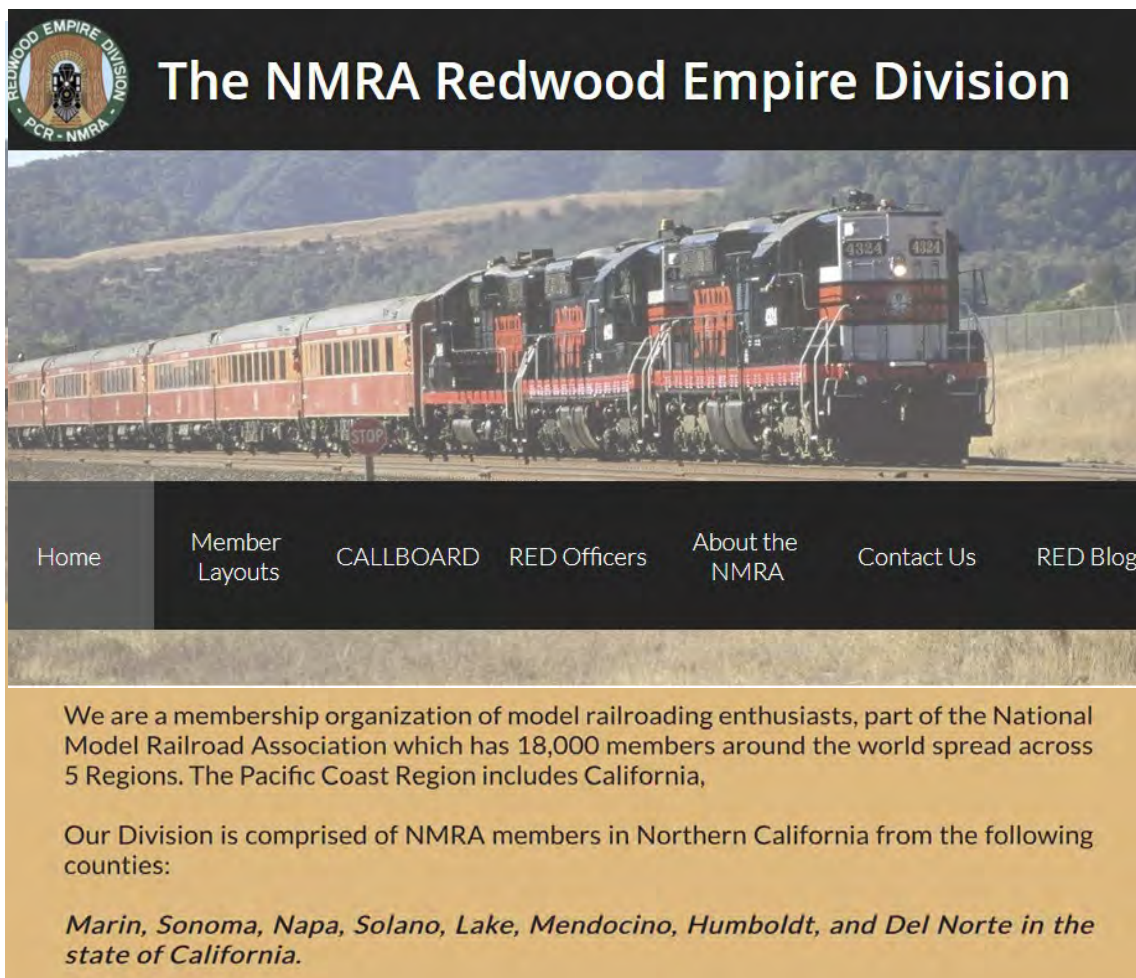
[Redwood Empire Division Facebook Page](#)



Photos by Ed Merrin

Redwood Empire Division Website

[Redwood Empire Division Website](https://www.nmra-red.org/)



Webpage Contents

- List of RED clubs, member's layouts, and nearby attractions
- Access to past issues of the Callboard
- RED Officers and Staff
- About the NMRA
- Contact Us [Redwood Empire Division Website](https://www.nmra-red.org/)

[Get Past Callboard Issues Here!](https://www.nmra-red.org/)

Clubs in the RED

Coastal Valley Lines Modular Railroad

The Coastal Valley Lines Model Railroad Club of Sonoma County, LTD (CVL) is an association of novice-to-expert model railroaders from around the Sonoma County, California area. We operate our HO modular railroad at public and private events and gather for clinics, work sessions, and regular monthly meetings. Visit the website for additional information. [Coastal Valley Lines Modular Railroad](#)

Eel River Valley Model Railroaders

It is the purpose of the Eel River Valley Model Railroaders to preserve the rich history of the Northwestern Pacific Railroad and the history of the North Coast of California. The club has a series of modules depicting several areas of the Northwestern Pacific Railroad between Schellville and Eureka, California.

The Humboldt Bay and Eureka Model Railroad Club

The Humboldt Bay and Eureka Model Railroad Club is the largest, most active model railroad club in Humboldt County. It has existed in the same location for about 40 years. The large layout is freelanced but with many scenes based on NWP locations. The club typically meets each Saturday at 7:30 pm. Visitors are welcome. Open house occurs during Veteran's Day and Rhododendron Days Weekends. The club is located at 7th and A Streets in Eureka, CA.

[The Humboldt Bay and Eureka Model Railroad Club](#)

Mendocino Coast Model Railroad and Navigation Company

See logging history brought to life at this walk-around large G-Scale layout representing a history of logging and the railroads located in the Redwood Empire. Over 1300ft of track - equivalent to 6 miles - with views of a mill, logging camp, town, pier, bridges, and trestles.

Hours: 10:30 - 2:30 pm: every day except Tuesdays and Thursdays.

[Mendocino Coast Model Railroad and Navigation Company](#)

North Coast Historical Model Railroad Society (NCHMRS)

The club operates an HO scale layout based on the Northwestern Pacific Railroad as it ran in the 1950s through Sonoma County to Ukiah. The club is building the layout as a display for the Depot Museum and will be located in the historic Healdsburg Freight Depot. Stop by on the 3rd Saturday of each month as we open the doors to the depot. [North Coast Historical Model Railroad Society](#)

Redwood Empire Live Steamers Interactive Museum

The Redwood Empire Live Steamers is a non-profit organization dedicated to preserving Sonoma County's Railroad history through re-creation, railroad equipment, and historic landmarks in miniature.

[Redwood Empire Live Steamers Interactive Museum](#)

The Redwood Empire Garden Railway Society

The REGRS is a loosely knit club of garden railroad enthusiasts from areas north of the famous San Francisco Golden Gate Bridge who share an interest in model trains. Our members are primarily located in Sonoma County and Marin County. Contact the club for public tours and shows.

[The Redwood Empire Model Railway Society](#)

Continued on next page.



RED Spring Meeting

**Saturday, May 18, 2024, Santa Rosa CA
Monroe Hall - 1400 West College Avenue
Doors open 10:30am - Meeting starts at 11:00am**



RED Summer Meeting

We are looking for locations for our annual summer picnic meeting held in August. We typically look for a location that is railroad themed. If you have suggestions, please contact Paul Weiss at paulbweiss@mac.com.

2024 PCR Convention



THE TECH LINE

The 2024 PCR Convention - Silicon Valley, California

April 24 - April 28, 2024

Sonesta Hotel, Milpitas, California

Over 35 Layout Tours, 75 Clinic Slots, Operating Sessions,
Contests, Excursions, Swap Meet, Vendor Tables

Convention Website

<https://www.pcrnmra.net/conv2024/>

Registration

<https://pcrnmra.regfox.com/pcr-2024-convention>

Virtual PCR 2024 Registration

<https://www.pcrnmra.net/conv2024/join-the-on-line-virtual-convention/>



2024 NMRA Convention



Welcome to the 2024 SurfLiner

**Long Beach, California
August 4 - 11, 2024**

<https://surfliner2024.org/>

Convention Location

The Westin Long Beach in downtown Long Beach

333 East Ocean Blvd.

Long Beach, CA, USA, 90802

Online registration

<https://www.eventsquid.com/event.cfm?id=21164>

Printable registration form

<https://surfliner2024.org/images/documents/2024%20registration%20form%20rev.%201-11-2024.pdf>



The Caboose!

