

www.svlsrm.org

September 2020

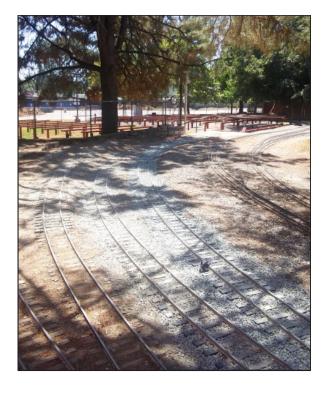


Track Superintendent Report By Dennis Bowie

Another installment of looking down the track...

For those who like to use the transfer table to put their trains

on and off the track. You will be pleased to hear that the Outbound and inbound tracks have been worked on over the past 6 weeks. This involved removing track panels, removing the old road bed, re-grading the under burden (hard packed rock and dirt). The result is a more even climb out from the transfer table and descending down to the table. With the help of Steve Milward, John Bailie, Kevin and Andrew Sach, Tom Nance, Harry Voss, Phil Huntingdale, Craig Griffin and others, we made short work of this. I did say 6 weeks. Most of the work was done on Saturdays and maybe a Sunday. We all practice safe distancing.



President's Report By Andy Berchielli

It's election time! Every year we have elections for board positions. This year there are 5 board member positions are up for reelection. This is a perfect time for members to get more involved. Chris Donhost is leading



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up the election committee. If you are interested in getting more involved and help lead the club into the future feel free to reach out.

Our Hot August Member run definitely lived up to its name with temperatures reaching over 100. A few showed up early to run but didn't stick around too long. Who could blame them. If you came out this past month you may have noticed the two tracks from the transfer table have been replaced with new ties and ballast. A much needed repair. There is also damaged to the small wood bridge between the Y tracks from the steaming bay. Just another item that needs attention. Thanks to the crews that help with these repairs.

This is the time of year we start gearing up for our big events. However the year of 2020 has thrown in wrench in things. First up is our Fall Meet. Currently we are planning to host it. However with all the concerns of COVID19 it will not be a normal meet. Basically it will be a open run event. We are not serving food, but will have a food truck for Saturday dinner. Also no raffle; registration tents and apparel will most likely not be available. We have a COVID19 plan to host the meet that was acceptable by the board so we can move forward with the meet. One thing for certain is everyone would need to preregister - please do this on-line. For one this gives us an idea how many will be here so we can safely follow social distancing guidelines. Preregistering also gives us a list of names of attendees in case contact is needed.

Our next two events are the Pumpkin and Santa Train. With the current conditions in our society these events will most likely be completely different than we would normal handle it. We are looking at ideas on how we could do these events if the COVID19 restrictions still exist at that time. Feel free to reach out with any suggestions.

Please read our meet plan on page 3. Pre-register will start First of October on our website: www.svslrm.org If you have questions send email to meet@svlsrm.org or call a board member.

The Golden Spike

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SVLSRM Calendar

Club future activity will depend on VIRUS GUIDELINES. *Please check on-line about Public activity.*

Sept 5 Public run day - **check on-line** Sept 6 Public run day - **check on-line** Sept 14 Board Meeting at 6:30 PM will be on-line video conference. If you want to participate please contact club President.

Oct 3 Public run day - **check on-line** Oct 4 Public run day - **check on-line** Oct 10 Public run day - **check on-line** Oct 11 Public run day - **check on-line** Oct 12 Board Meeting at 6:30 PM Oct 16-17-18 Fall Meet, Special Guidelines due to Covid-19 - See details newsletter & online

Please volunteer to support the club events. How will you support SVLSRM this month?



Save SVLSRM some money and read the news letters online. Tell Membership that you don't need the mailed copy; we will notify you by E-mail so you can read it on-line.



on-line.

www.svlsrm.org for current information. If you have not looked for a while, then you will have missed news or for sale items that are not in the newsletter.

The Sacramento Valley Live Steamers Railroad Museum, Inc. is organized and operated exclusively for public benefit charitable purposes within the meaning of Section 501 (C.) (3) of the Internal Revenue Code.

Donors may deduct contributions to The Sacramento Valley Live Steamers Railroad Museum, Inc. to the fullest extent allowed by law as provided in Section 170 of the Internal Revenue Code.

The Golden Spike is the published monthly by the Sacramento Valley Live Steamers Railroad Museum, Inc., P.O. Box 273, Rancho Cordova, CA 95741. The SVLSRM track is located in Hagan Community Park, Chase Drive, Rancho Cordova, CA.

Articles & Pictures may be submitted to: editor@svlsrm.org.

The news letter deadline is 24th of each month. Member articles wanted.

MEMBERSHIP

by Barbara Rohrs

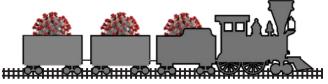


Welcome New Members

Leonard & Sandra Cassieri, Lincoln

Ralph & Peggy Merrill, Sacramento

For the latest info on our public runs and activity Please check on-line. www.svlsrm.org



Board of Directors

(##) Ending year of term President: Andy Berchelli (916) 752-6697 (21) E-mail: president@svlsrm.org Vice President: Dennis Gramith (916) 988-7884 (20) E-mail: vicepresident@svlsrm.org Secretary: Stephanie Huntingdale (916) 580-7377 (21) E-mail: secretary@svlsrm.org Treasurer: Alison Berry (916) 983-9712 (20) E-mail: treasurer@svlsrm.org Track Superintendent: Dennis Bowie (916) 337-9492 (20) E-mail: tracksuper@svlsrm.org Yardmaster: Richard Lutrel (925) 876-0375 (20) E-mail: vardmaster@svlsrm.org Trainmaster: Peter Welch (916) 838 4998 (21) E-mail: trainmaster@svlsrm.org Director1: Bill Yoder (916) 652-7113 (20) E-mail: director bill@svlsrm.org Director2: Steve Milward (530) 559-2472 (21) E-mail: director steve@svlsrm.org **Committee Chairpersons** Membership Chairperson: Barbara Rohrs (916) 730-1415 E-mail: membership@svlsrm.org Safety Chairperson: --- OPEN ---E-mail: Caboose Chairperson: Barbara Moser (916) 645-3425 E-mail: caboose@svlsrm.org Birthday & Company Event Chairperson: Phone: (916) 572-7857 E-mail: Events@svlsrm.org Newsletter & Web Editor: Bill Yoder (916) 652-7113 E-mail: editor@svlsrm.org

Reminder - No phone calls after 8:59 PM

The Golden Spike

COVID-19 plans for Fall Meet 2020

Event Host: Andy Berchielli SAFETY

In accordance with state guidance social distancing of 6' is required by all attendees.

In confined spaces where social distancing is not practical a mask must be worn. The confined spaces on our property are the round house, WP caboose, WP boxcar and all storage containers. If in these areas with anyone not in your household wear a mask to prevent spread. Frequent hand washing and/ or hand sanitizing is a good practice to prevent the spread after coming in contact with frequently touched surfaces. Public access will be discouraged

HEALTH SCREENING

It is important to make sure you are not sick before arriving at the club. If one is experiencing one of these symptoms please stay home. Symptoms of COVID19 can Include cough, shortness of breath or difficulty breathing; fever or chills; muscle body aches; vomiting and loss of taste or smell. Older adults and people with underlying medical conditions like heart or lung disease or diabetes seem to be at higher risk for developing more serious complications. If you were exposed to someone with symptoms of COVID19 within the last 14 days please take all precautions to protect yourself and others.

RESERVATIONS

All Attendees with be required to make a reservation before the meet including name, phone number and equipment. The easiest way is to use the link via our website, svlsrm.org No early arrivals for this Fall Meet 2020. The event is open Friday, Saturday and Sunday October 16-18, 2020. You can also pay for the Saturday night dinner at this time.

Upon arrival check in with event host or check reservation list located in the air host lift to see your assignment. Public access will be discouraged due to the safety of our guests. The normal tent setup for registration and membership is not available. You can still pay for next year membership dues at this meet. Forms will be available. Hand to event host. Or renew through the website.

STEAMING BAYS, YARDS and RVs

We will first start reserving every other steaming bay to encourage social distancing. This process allows for 16 steam engines. Adjoining bays may be use after the 16 bays are filled. Those with additional equipment may request to use an additional bay next to them. All yards will be filled as normal for use of diesels, electrics and rolling stock. RVs will be reserved for out of town member first. We can accommodate up to 20 RVs with light power usages. Any high power usage must use a generator. Camping will be allowed as normal practice.

MEALS

Due to the concerns of preparing and serving food due to the current conditions; all meals will be your responsibility. The normal practice of providing breakfast, lunch and dinner by the club will not occur for this meet.

The picnic tables under the covered area by Oasis will be scattered throughout the area to encourage social distancing. The Saturday Night Dinner will occur and be hosted by SacTaco. They will offer food from 5:30-7pm Saturday night. This way not everyone is required show up when dinner is served. You will be allowed to get food anytime between 5:30 and 7pm. If you did not prepay for Saturday dinner, contact event host. Our normal tent setup for drinks and snacks will not occur for this meet. For drinks contact event host. All drinks are \$1.

RESTROOMS

Restrooms will be cleaned on a regular basis to ensure a clean environment for our guest. A whiteboard outside the restrooms will display the last time it was cleaned and sanitized. Restrooms will be cleaned between 8am and 8pm.

CLUB EQUIPMENT

Club equipment will be available as normal. Equipment will be stored in boxcar. Young engineers must have a current adult member on the train at all times. Borrowed equipment must be returned to the boxcar after finishing with use. Club locomotives controls must be cleaned between members use. Cleaning supplies will be located in boxcar. The 1 gallon spray pump has a germicide in it used to clean controls and bench seats.

TRACK USAGE

The inner and outer loop will be available for use all weekend. The diamond is fully signaled from all directions. If red you must stop and proceed only when yellow light appears. All powered switches are active. Proceed only when signal has changed. Green is main and red/yellow is always yard. Although our track crew stays on top the track conditions, always check to make sure points are fully closed before proceeding.

Switch throws and power buttons on the track do not get cleaned regularly.

The Golden Spike

Secretary Board Report

By Stephanie Huntingdale

August 2020 Board summary:

The Board will continue to meet by ZOOM. Members are always encouraged to attend. The next meeting is September 14th, 6:30 p.m. If you would like to attend, contact Andy Berchielli, (916) 752-6697, for how to connect to ZOOM or Stephanie Huntingdale (916) 580-7377 for an Agenda.

- FCR 2020-03 Replacing lights in the Steaming Bay. Work will start when weather cools down some.
- The Pacific Steam Engine is still being worked on. The Injector on the side is newly plumbed. Work continues on the oil burner.
- Repair to the front end of the UP is almost done. Kevin Sach will paint.
- Two conductor cars have been built with parts scrounged up around the park. A third will also be built.
- Flashing Cross Buck with Bell will be installed at Tin Man.
- Harvest Express will replace the October Pumpkin Run. To be held on two weekends, October 3 & 4, October 10 & 11. Volunteers needed to help decorate the park with Halloween/Fall decorations.

Fall Meet October 16, 17, 18. – After checking with other clubs on how they are handling meets it was decided we would go ahead with the Fall Meet. Some Covid restrictions apply. We'll only have one food event on Saturday evening. You must bring your own essentials. You MUST Pre-register to attend. Details in this newsletter.

Considering other options for our Santa Run in December. If you have any ideas please submit your suggestions to a Board Member.

Always check the website for current information as these events may be canceled.



Have a neighbor or friend who has an interest in Live Steam / Trains? Bring them out, show them our fun, give them a ride and invite them to join.

Director - Steve Milward

Hello, I hope that all are in good health and staying safe. I'm not sure about the rest of you, but between Covid-19, wildfires, heat waves, power outages, perhaps we could have 2020 declared a do-over! Since that probably won't happen, we can try to make the best of what we've got.



Due to the extreme heat, the Hot August Night run became a daytime event. A handful of hearty members braved the elements to head out to the park to see friends and ride trains.

Track work continues in the boxcar yard. The two leads from the transfer table have been rebuilt as was the turnout connecting those tracks. Next up is the lead from the turntable. If you wish to help or learn the basics of track renewal, please contact Dennis Bowie. One member has offered to perform maintenance on the 1" gauge trackage. Be assured that all help on and around the track is most appreciated.

Looking forward, most of our upcoming events will have a different feel. We won't be operating the traditional Pumpkin Trains this year, instead we will operate Halloween themed trains on the first two weekends of October. These trains will not stop along the way and no pumpkins will be sold. Of course we're going to need lots of help setting up, decorating, and running trains! Will you come out to help?

Next is the Fall Meet. This will take place on a smaller scale than in past meets. There will be no auction or meals aside from Saturday evening. Please register on line to reserve your space. We hope you'll join us!

One last item – The last few months we've been sailing through uncharted waters. Rules and regulations change continuously. Our treasury has taken a hit, as it's difficult to schedule events. Through all of this, Andy Berchielli has done an amazing job keeping everybody focused and moving forward. Thank you and a tip of the hat! So, until later, stay healthy and we hope we'll see you at the track at one our upcoming events!



Another view of leads

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Scale

TRACK UPDATE By Phil Huntingdale G gauge railroaders had several days of

great operations. We meet on Tuesday mornings. Steve

Arragotti ran his Aristo Craft Mikado which ran flawlessly. New member Leonard Cassieri was out with his Ruby. Colton Snell was out with his engines. Earl Martin was running his Bagnall, and his Fairymead, both 7/8". Rich Nelson ran his two and three cylinder Shays. Dave Frediani ran his Shay steam and a gas/electric project engine, so much fun to watch. Stephanie Huntingdale ran Millie. Bill Bivings and Richard Van Slyke ran various steam locomotives.

Thanks to Bob Dean for getting the electric track wired up. Bob, Butch and Bill Floyd, Gordon Moser, were running electric locomotives. Battery powered runners included Gordon Dunham with his UP SD70 and Harry Voss with his Black Widow F7A and B, and Phil Huntingdale with his Daylight.

Steam in the Garden published a second article regarding the G Gauge table in their September/October issue. This was a follow-up to the article in March/April 2020. Stephanie Huntingdale wrote both articles. This kind of publicity for the SVLSM is great for the club. The favorable words about the club go a long way to building membership and recognition in the hobby. I wish to thank Scott McDonald, Editor of *Steam in the Garden* for his interest in our club.

The SVLSM this month picked up a new G gauge member in Ralph Merrill. Ralph is the owner of Fall Creek Railroad Structures, a business of working on G gauge equipment, generally by adding sound, battery, and radio control to locomotives. Ralph is a great addition to the Club.

If you have an interest in steam, electric, or battery locomotives, come out and run. Please plan on social distancing and wearing a mask. See you about!

Benjamin Shell - Garden Railway Open House

Hi friends, it's bittersweet news to share with you all that we are in the process of moving to acreage in rural Missouri near Kansas City! We have loved being part of such a great group of railroaders, and will really miss the club. But for many other reasons, it's the right time for this transition. But we can't sell our home and leave town without a final open house for our G-scale garden railway!

Trains will be running on **September 12th** from **5pm-dark**. (Passenger cars will be lit-up at night.) If you can't make it, let me know if there's another time that works; I'd love to share the railroad with everyone who would like to see it.

Our address is: 7719 Woodchuck Way Citrus Heights, CA 95610 (916) 832-4689 **2020** has been a tough year in many ways. We have lost members, cut back on club activities and had to cancel many of the clubs most profitable special runs. There was one very bright spot and that was Marty Carapiet's donation of LEVI, an Allen Models Ten Wheeler. Marty's intent with his generous donation was for the locomotive to become a locomotive for the members. This means it is available for use to all members once they demonstrate and understand all there is in the care and feeding of LEVI. At first, two members were chosen by Marty to start things off. They are Ben Shell and Craig Griffin. Their job is to learn how to operate and care for LEVI and, while doing this, prepare a manual and videos so members know exactly what is expected when they want to operate LEVI. There is also a video so members can hear from Marty himself his goals for LEVI and the club.

I am happy to report that LEVI has been run twice since the donation and Marty's passing. There were a few minor learning episodes that further re-enforced the reasoning behind the slow and careful process we are following. Craig and Ben are gaining the knowledge and experience so when the time comes they can share this with any member interested in

joining the LEVI experience.

We already have one member that has shown he is willing to put in the effort required to be part of the LEVI experience. I hope he volunteers to join Craig and Ben. Ben has also advised us that he will soon be leaving California as he and his family are moving to Missouri. Ben is still willing to continue his work on the necessary documentation and we are grateful for his efforts.



I am hoping that by this fall all the necessary documentation and procedures will be worked out to the point where interested members can join in and be part the LEVI experience. That would truly make Marty happy and I will not have to worry about him smiting me from heaven.

Currently LEVI is stored in the boxcar protected with its own special lock. One of Marty's biggest concerns, when considering the donation, was that it would not receive the security needed to protect it. So this was one of his most stringent requirements, only people who have demonstrated how to take care of the Locomotive and car would be allowed unfettered access. Our club is filled with good people and I expect as members step forward to enjoy LEVI the list of key holders will expand as well.

Let us all prove to Marty his faith in the club and its members was well deserved.

Donald Yungling

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10 Years ago: We hope to make a final decision on the location of the new caboose soon. We have already received many donation pledges and it appears we are nearing our goal of having all the money raised for its relocation and set up. What a remarkable addition it will be to our railroad and what a tribute to the donors who put forth the funds for its procurement.

Speaking of tributes, member Chris Donhost has facilitated the Memorial Project in a spectacular fashion. Installation will occur this winter with the dedication at the Spring Meet. Yardmaster Andy Berchielli is bringing forward plans for a Memorial Garden to enhance what will be a moving remembrance of departed friends who built our railroad.

It's been a great summer of railroading in Hagan Park. Our unusually cool summer weather has allowed the vegetation to flourish and our railroad looks outstanding. If you have not been down for awhile, it's a great time to make the trip.

20 Years ago: Time must Pass. As we enjoy Sacramento Valley Live Steamers, we also think it will last forever. Will it? Or will time pass by the need of SVLS also? I know that every member has the true desire to see SVLS last forever for all to enjoy for generations and generations. But the question is: Are our members willing to expend the energy along with the desire to see this happen?

30 Years ago: "A Psalm Of Steam" : The steam locomotive is my treasure: I shall not want diesels. It maketh me to lie down in green pastures with my camera: It leadeth me beside the still water towers. It restoreth my soul: it leads me along the dirt roads to scrap yards, wretched food and poverty for its preservation's sake. Yes, though I walk through the terminal of the shadow of diesel, I will fear no secret police for my photo permit is with me; thy side rods and thy stack-talk they comfort me. Thou preparest a turntable before me in the presence of the diesel salesman: thou anointeth my head with cinders, my tender runneth over. Surely low, three-quarter sunlight and thick smoke will follow me all the days of my life: and I will dweil in the roundhouse of the rails forever. - Anonymous

40 Years ago: Finally, A club Building. The parts for the 21-ft. dia x 12 foot high ex-grain storage building recycled from up Glenn, CA, way with the help of Keith Kirstein are at last safely in the SVLS yards. On Sat 23 Aug (1980) Al Shelley, Keith, Dick and Erich Quiring, Karl Lewis, Andy Anderson, Darrel McWhirk, Ed Yungling, Bob Lyons and the ever present De Freitas Duo disassembled and loaded it on a truck obtained by the Lewis's. On Sun, pretty much the same crew plus

Tom Anderson and Chuck Corothers unloaded the proposed maintenance equip and rolling stock "Roundhouse".



Please stay safe and follow State guidelines to do your part in preventing the spread of this Covid-19 virus.



The following SVLS members were seen working on track or train equipment, mowing lawns, or just enjoying running their G-Gage trains on July 21st, 25th, 28th.

Earl Martin, Bruce Runner, Rich Nelson,

Gordon Dunham, Steve Arigotti, Bill, Butch Floyd, Bob & Mary Dean, Leonard Cassieri, Ralph Merrill, Dave Fredeani, Colton Snell, Harry Voss, Phil & Stephanie Huntingdale, Dennis Bowie, Steve Milward, Kevin & Andrew Sach, Glen Wilson

August 1st,2nd - Public Run Day Helpers Dennis Bowie, Tom Nance, Gordon & Barbara Moser, Chris Klevesahl, Steve, Ian, Anna Milward & new baby, Colton Snell, Glen Wilson, Austin Unruh, Dennis Gramith, Peter Welch/Victoria, Andy Berchielli, Harry Voss, Phil Huntingdale, Augie & Judy Berchielli/ Cousin, Austin Unruh

August 4th, 9th & 11th Steve Milward, Dennis Bowie, John Bailie, Phil & Stephanie Huntingdale, Bob & Mary Dean, Dave Federani, Bill Bivens, Earl Martin, Leonard Casseri, Ralph Merrill, Dennis Gramith, Gordon Dunham, Harry Voss, Bill, Butch Floyd, Steve Arigotti, Gordon & Barbara Moser

Hot August Days/Nights -

The following people showed up in the early afternoon to help the Carapiet Family remember Marty Carapiet and ride behind his Steam Engine The Carapiet Family, Ben Shell, Craig Griffin, Dennis Gramith, Stephanie & Phil Huntingdale, Gordon & Barbara Moser, Chris Klevesahl

Last months mystery photo winner was Kevin Sach, who had the correct answer in first. The location of the track was meadow curve, where there was a siding in the early days of SVLS, it was later taken out.

2nd place: Chris Donhost, 3rd place: Bob Silva



The Golden Spike

A brief history of the SVLS Boxcar and Caboose move in September 1986.

HERE AT LAST!

For those who missed the September meting and run days, our Box car and Caboose are at last in their final resting spot on permanent display in the park adjacent our picnic shelter. The box car was moved into place on Thursday, September 11 and the Caboose on Friday, September 12.

Approximately 20 people helped each day including a few who were just passing by and pitched in because they liked railroads or perhaps because the project just looked interesting. The Box car move on Thursday was by far the most difficult. Before the Box car could be loaded on to the trailer, the crew had to build about 50' of ramp and also lay track on the trailer. After the Box car was loaded this ramp was disassembled and loaded on the trailer beside the Box car. The ramp was again assembled at the park to unload the Box car. The same process was repeated Friday for the Caboose except that the ramp was mercifully shorter (read lighter). The Box car move required approximately 10 hours and the Caboose took about 5 or 6 hours. The reasons the Caboose was moved much faster include, the experienced gained on Thursday in ramp building and also the fact that the Caboose weighed 49,900 pounds, while the Box car weighed 78,000 pounds.

Those who worked so hard on this project will certainly attest to the fact that railroading in 12" scale is heavy, heavy work. The placement of the two cars at our track site is the end of a 3 year project. I would like to five special thanks to Barry Garland. His knowledge of the "system" and his contacts through the Railroad Museum provided the guidance and direction which led us to the right person at the union Pacific Railroad. He also did the ground work and made the initial contacts for the actual move.

The cars were transported by Rushway with tow truck service donated by Ralph's Towing of Rancho Cordova to pull the Box car on and off the trailer. The cost of moving the cars in place was just under \$1,400.00, with several hundred more spent on site preparation, including ties, ballast, retaining wall, etc.

In addition to those listed below who helped on Thursday and Fridays, Sept 11 and 12, special recognition must also to to the wives who prepared and donated sandwiches, cookies, donuts, fruits and desserts for the hard working crews both days. The club provided the drinks.

The future benefit to the club from the acquisition of these cars is immense and I would like to personally thank all of those who helped complete this very major project. the next step is to cut and secure doors in the North end of the Box car for track access. This project is in the capable hands of Earl McKenzie, Ed Yungling, and Mike O'Connor.

These SVLS members were there to help: Dick and Lori Esselbach, Ed and Louise Yungling, Bill and Kay Fisher, Warren and Robbie Sharratt, Mike Dreiling, Howard Shrader, Ed Spall, Lee Smoak, Earl McKenzie, Henry and Rose Stefani, Scott Trimell, Dick and Frances Quiring, Mike and Gretchen O'Connor, Ken, Terry and Nadene Willies, Barry Garland, Warren Wagner, Dan Woolverton, Amandus Drowse, Lou McCall, Stan Hindsley, Dennis and Judy Gramith.

From article written by Dennis Gramith (9-1986)



SAFETY RULES FOR THE MONTH

1.06 Loading and unloading All passengers will be loaded and unloaded only at designated passenger stations, or as directed by the crew.

2.07 Emergency Shutdown

Steam boilers shall have the facility to shut off heat immediately in case of emergency. Oil fired (diesel, heating oil, kerosene, etc.) and LPG (liquidized petroleum gas) gas fired boilers shall have a valve or other means to stop the flow of fuel to the burner. Solid fuel (coal, charcoal, nutshells, fruit pits, etc.) fired boilers shall have a means of dumping the fire out of the fire box or smothering the fire with steam, water, carbon dioxide, etc.

3.04 Unloading/loading

Locomotives and equipment shall be unloaded and loaded only at the facilities provided at the steaming bays. All vehicles shall be removed from the loading area as soon as possible after loading and unloading. Small equipment may be unloaded/loaded at any siding.

4.03 Length of Train

Trains carrying the general public shall not exceed 100 feet in length over all, exclusive of locomotive and tender or other motive power. The Golden Spike

FOR SALE

Menards Mill/Drill Machine & Accessories \$1250

		0
Quantity	Brand	Description Model KDS-25-4559 Mill/Drill
1	Menard	Machine on Stand
1	Serug	Type 150 Power Feed X-axis
3	Phase II	Collets 1/4 - 3/8 - 1/2
2 1	QA	Collets 5/8 - 3/4 End MIII 1 1/2" - R8 Collet - 3 Tooth - Indexable
-		Indexable
1		End Mill 1" Indexable End Mill 3" - R8 Collet - 4 Tooth -
2		Indexable
1		Magnetic lamp
1		Mill Table Clamp Set Plain Tooth Side Milling cutter 3 1/2 X
2		1/4 X 1 HS
1		R8 End Mill Tool Holder
1		R8 Jacobs Chuck 1/2"
1		R8 to MT3 Taper Adapter Single Angle Mill Cutter 3 X 1/2 X 1 -
1		60° Single Angle Mill Cutter 4 X 1/2 X 1 -
2		60°
1	FRU	Stub Milling Machine Arbor R8
5		End Mill Cutters



Mike Dreiling – (916) 201-0888 – Citrus Heights, CA

10" Logan with quick change gearbox, back gear, and powered cross slide, let me know. Asking \$1000 firm, including tooling (quick change tool post, 3-jaw and 4-year chucks, etc). Note that there are a couple electrical issues but it still runs well.



Contact Ben Shell (916) 832-4689