

California Trolley & Railroad Corporation

CTRC, c/o MTI 210 Fourth Street, 4th Floor
San Jose, CA 95112

Restoring Your Transportation Past

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California Trolley & Railroad Corporation
Is a non-profit tax exempt organization
dedicated to the restoration and preserva-
tion of historic transportation equipment.
Membership is open to all. Yearly dues
help finance the Corporation goals. All
donations to the corporation are tax de-
ductible. IRS #23510C(3)

An invitation to join

The CTRC strives to restore, maintain and operate the few surviving
examples of our local rail history for the education and recreational
benefit of current and future generations.

Like yourself, we are individuals with different backgrounds, talents,
and skills who share a common interest in preserving our rail heritage.
Supporters who contribute \$25 or more annually will receive our
monthly announcements and our quarterly newsletter THE CLEAR-
BOARD. Contributions of materials, equipment and skills are also
welcome.



THE CALIFORNIA TROLLEY AND RAILROAD CORPORATION

Yes, I wish to contribute to preserve our railroad heritage in the Santa Clara Valley.

Please accept my tax deductible gift of: \$25 \$50 \$100 \$200 \$500 \$1000 \$_____

Membership: regular \$25, retirees and full time students \$10. \$_____

Name: _____ Total \$_____

Address: _____

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Make checks payable to the California Trolley and Railroad Corporation
CTRC, c/o MTI, 210 Fourth St, 4th Floor, San Jose, CA 95112

THE CLEARBOARD



Rod Diridon, President <http://www.ctrc.org> Larry Murchison, Editor



NEWS FROM THE PRESIDENT FROM ROD DIRIDON

22nd Annual CTRC Volunteer Recognition BBQ: CTRC's remarkable group of hard-
working volunteers and their families will gather for the 22nd annual volunteer recog-
nition BBQ at 3:00 PM on Thursday, August 18, at History San Jose on Phelan Ave-
nue just East of Center Road in San Jose. The BBQ is again being provided by the
Santa Clara County Firefighters Local Union 1165, the Singing Conductors will per-
form, a historic trolley will be running, beverages are again provided by Bottomley
Distribution and the event is being sponsored by HNTB Engineering and Hatch Mott
McDonald Engineers once again. Because of our wonderful sponsors, the BBQ is free
for the volunteers and friends, though a RSVP to help with the planning is required to
408-924-7561 or mccarthy@mti.sjsu.edu. Vice Mayor Cindy Chavez and other digni-
taries will join the CTRC Board in honoring the volunteers who have donated almost
300,000 hours to the trolley project and locomotive 2479 since CTRC's founding in
1982.

A special event for this BBQ will be the presentation of the formal dedication plaque
for the trolley barn and the recently completed trolley inspection pit honoring the de-
signers and contractors who donated their services to build those facilities. The plaque
will also remind us of the time capsule that was imbedded under the trolley barn that is
to be opined in 2034, which is 50 years after the building's construction.

Seems like that happened just yesterday but, during that time, CTRC has rebuilt and
maintained nine historic trolleys, built the barn, constructed over 1/2 mile of electrified
trolley track with another 1/2 mile built and ready to be electrified, and is nearing com-
pletion of the reconstruction of Locomotive 2479—and much more. It's estimated that,
in the past 22 years CTRC has provided over \$20 million in donated capital invest-
ments and free services to our Valley's residents. Congratulation to all, especially the
CTRC volunteers!

Special points of interest:

- How is the pit doing?
- What does a possible future museum site look like?
- Who is working diligently to provide us with a museum site?
- What is a Rauch & Lang?
- Where have all the barn birds gone?
- What is in the water tank near Diridon station? (Trick question)

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The annual CTRC Board of Directors meeting will convene at 3:00 PM just before the
BBQ in the Board Room of the historic Pacific Hotel at History San Jose. That meet-
ing is open to the public and all are welcome.

Trolley Barn Inspection Pit: The Pit is done!! Thanks to Marv Bamberg's donated
design work and the dona-



tion of over \$50,000 in construction by John Albanese of Joseph Albanese Cement Contractors with the wise guidance and strong muscles of Mac Gaddis and many of the CTRC volunteers, the long-sought trolley inspection pit is operational. Never

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CTRC BOARD MEETING MINUTES

Attendance: Marv Bamburg, David Crosson, Rod Diridon, Mac Gaddis, Mike Kotowski, Art Lloyd, Ken Middlebrook, Larry Murchison, Bob Schneider, David Sylva, Brendan McCarthy

Minutes: M/S/P to approve the minutes of 02/17/05.

Chair's Report: President Diridon reported the progress of setting up the museum with the City of San Jose. Diridon has spoken with Council members Chavez and Yeager and they are interested in the idea. Diridon also spoke with SJ Redevelopment Agency Director Harry Mavrogenes, who had been previously unaware of the proposed museum project. He is enthusiastic about the idea, but will need to follow the Council's lead on the issue. All indications are that going public with the proposed museum would be disadvantageous and CTCR will have to put it on hold until guidance is received from Council members Chavez and Yeager. The land is a possible site for a baseball stadium and which the Mayor is working hard to build. CTCR will have to wait until that issue has been resolved. Santa Clara is still a fall back option. There are two sites available in SC but are not optimal.

Financial Report: Diridon (reporting for Treasurer Annette Nellen) reports that the existing cash balance is healthy and will be supplemented pending reimbursements from the county. President Diridon has been in touch with the county several times to attempt to speed up the reimbursement process, but has been, as of yet, unsuccessful. Diridon will continue to be in touch with the county to attempt to get CTCR the reimbursements to which it is entitled.

Dan Moors of Berger Lewis Accountancy is in the process of completing the annual audit and has agreed to donate audits for CTCR each year. All indications are that Berger Lewis will deliver a clean audit soon.

Current Projects:

- A. Trolley Barn/History San Jose – The trolley inspection pit concrete was poured 5 weeks. Thirty seven yards of concrete had to be used instead of 22. Mac Gaddis was able to run car 124 into the Barn. He had to remove some rotten ties and is concerned that there may be more which he'll remove as needed. With regards to questions about the inspection pit, Gaddis indicated that stairways would likely be needed on both ends of the pit and that Gene Martin would come up with a design. Gaddis also reported that the Merryweather was shipped for repairs.

Rod was able to obtain the needed certification stamps for the Happy Hollow Line electrification and the project plans should be approved by the City of San Jose soon.

- B. Locomotive 2479 – Jack Young – Progress is continuing on this project and the current focus is on getting wheels under the Locomotive and

inspecting the shoes and wedges. Robert Franzen from Steam Service of America was able to be on the site for one day in April and was able to give valuable advice regarding the final work on the driving wheels. Jack also reported that there are a significant number of welding projects (10-15) that need to be done on the Locomotive and that John Blaine has been very helpful with the welding. Unfortunately, a certification is required and with only one welder working on it, delays may occur.

- C. SCC Rail Museum – The board again recognized Marv's design work and Larry Murchison's museum model and its effectiveness in getting Cindy Chavez and Ken Yeager excited about the museum.
- D. Happy Hollow Rail Extension – Once the plans have been approved to the City of San Jose, Rod and Mac Gaddis will need to have a meeting with Julie Marks, Deputy Director of Parks. Rod has met with her before and she already gave her OK to the project in concept.
- E. Volunteers Report – Ken Middlebrook reported that the volunteers were working on re-wheeling the locomotive and he hoped that the completion of that project would go a long way towards boosting the group morale. On the Trolley Barn side, Ken recognized the effort made by the volunteers and the enthusiasm they have brought in recent days and months. Next on the agenda for volunteers may be a push forward electrification. Bob Schneider was especially thanked for his leadership.

New Business

- A. Acquisitions – Ken reported that CTCR's Steam Locomotive 1215 in Portola would need to have the asbestos removed soon and a storage site in the San Jose area found. He reported that he will get a contractor to do asbestos abatement and will report on further progress.
- B. Historic Heritage Commission/Grant Applications – Rod Diridon reports that the Historic Heritage Commission will not be doing a cycle this year. We will apply for a grant next year after the 2006 Parks Charter Measure passed creating more funding, hopefully.
- C. Fundraising Efforts – Nothing new to report

Recognition plaques for the pit will need to be made for the designer, contractor, volunteers, and the County. That plaque should be placed where the public can see it, not down in the pit. Brendan will be working to get the plaque completed so it can be unveiled at the August 18 Barbeque. Rod noted that Coast Engraving and Kearney Pattern Works have agreed to donate the pattern and casting.

Next Meeting – The annual Board meeting will be held on August 18th at History San Jose at 3:00pm immediately preceding the Volunteer Recognition Barbeque. County Fired District Local 1165 will do the BBQ, Bottomley Distributing the beverages and HNTB and Match Mott

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Information

Membership Meetings: First Monday of each month at 7:00pm at the Santa Clara Train Depot.

Work Schedule: Saturday and Wednesday after work of each week.

CTRC Office: 1600 Senter Road, San Jose, CA 95112.

Mailing Address: CTCR, c/o MTI, 210 Fourth Street, 4th Floor, San Jose, CA 95112

Membership: \$25.00 regular, \$10.00 Seniors. All memberships expire December 31 yearly. To join please send dues, name, address, phone number, and e-mail address if available to the mailing address above.

The CTCR is a California 501(c)(3) not for profit educational corporation established in 1982. The organization is the official support group for the Trolley Barn at History San Jose and the Santa Clara County Railroad Museum currently in the early stages of development.

MISSION STATEMENT

The mission of the California Trolley and Railroad Corporation (CTCR) is to restore, preserve and interpret railroad, trolley, and related equipment as it was used to serve the people in Santa Clara Valley, California.

CTCR BOARD OF DIRECTORS

Rod Diridon, President; Fred Bennett, David Crosson, Jack Ybarra, Marvin Bamburg, Peter Cipolla, Mac Gaddis, and Charlie Wynn, are the Executive Committee; Dick Campisi, Carl Cookson, Sr., Brenda Davis, Mignon Gibson, Robert Kieve, Mike Kotowski, Kit Menkin, Greg Mitchell, David Niederauer, David Sylva, Chuck Toeniskoetter, Larry Pederson, Beth Wyman, Tim Starbird, Tom Collins, John Davis, Jerry Estruth, Rick Kitson, Art Lloyd, Ken Middlebrook, John Neece, Gary Ross, Steve Tedesco, Leigh Weimers, Glen Simpson, Pat Restuccia, and Jack Young are the Board Members.



CTCR Staff:

President: Rod Diridon <diridon@mti.sjsu.edu>
 Vice President: Ken Middlebrook <kamiddle@rockwellcollins.com>
 Motive Power: Jack Young <jyoung99@pacbell.net>
 Electrical: Bob Paddleford <bobpadd@pacbell.net>
 Site Maint: Denis Murchison <dmurch@charter.net>
 Technical Assistance: Art Randall <arandall@earthlink.net>
 Historian: Larry Murchison <larrymurchison@comcast.net>
 Editor: Larry Murchison <larrymurchison@comcast.net>
 Treasurer: Annette Nellen
 Membership: Gene Martin <trains4@attglobal.net>
 Time Keeper: Hugh Crawford <hugh@hughcrawford.net>
 Trolley Barn: 408/293-BARN (2276)
 Acquisitions: Mac Gaddis <macgiddis@peoplepc.com>
 Public Relations: Ken Middlebrook <kamiddle@rockwellcollins.com>
 Web Site: Karl Auerback <karl@cavebear.com>

COMING EVENTS

► Remember the Saturday workdays and the Wednesday work evenings. Check with John Ezovski at SLBTrainer@aol.com. All very important events. See you there.

► The first Monday of the month 7:00pm CTCR meeting at the Santa Clara train depot **except** this coming September, Labor Day.

► The next CTCR board meeting will be August 18th, 2005 at 3:00pm at the History San Jose Pacific Hotel first floor conference room. Following the board meeting will be CTCR's annual volunteer recognition BBQ at 5:30pm.



Do you want to view this lovely newsletter in color? Why of course you do! I don't know of anyone who wouldn't. You can even zoom in on the images to see them better? Isn't technology wonderful?

On your computer go to:
www.ctrc.org/newsletter.html

FRED PARKIN

Born in San Francisco Fred passed away on June 27,2005, in Santa Clara at the age of 86. Loved by all who knew him, he is survived by his devoted son Alan, "daughter" in-law Glenda, grandchildren Jennifer and Alan II (AJ), nephew Lyle Wetherford, and wife of 9 years, Jean.

Fred's life is notable for having worked as a machinist in three jobs: all related to travel. His first career was 23 1/2 years as a machinist for the Southern Pacific Railroad. When duty called in WWII, he joined the Navy and served proudly as a machinist on board the destroyer, USS Stickel, on convoy duty with the Atlantic fleet. After the war, he returned to the railroad, married, and settled in South San Francisco to raise a family. He resigned from the railroad in 1962. During retirement, Fred and his wife of 45 years, Dorothy, traveled to explore many foreign countries, until Dorothy's death in 1995. In 1996, he remarried, bought a motor home and he and his wife, Jean, continued to travel by train, plane, boat, and motor home.

Most Saturday's Fred could be found working at the Santa Clara County Fairgrounds on the California Trolley and Railroad Corporation museum project. Near and dear to his heart was the restoration of the 4-6-2 steam locomotive Southern Pacific #2479. He had worked on this locomotive when it was part of the Southern Pacific line and gladly volunteered 1000's of hours toward its restoration for future generations to enjoy.

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I meet with Jerry Lane an old volunteer of SCVRRRA & CTCRC today I gave him a tour of the locomotive restoration site. He was impressed by the progress to date. A couple of years ago we had discussed funding a small project on the Locomotive specifically the restoration of the gages for the cab. Today (6/2/2005) Jerry presented me with a check made out to CTCRC for \$5K from the Karl Richard Lane Educational Foundation.

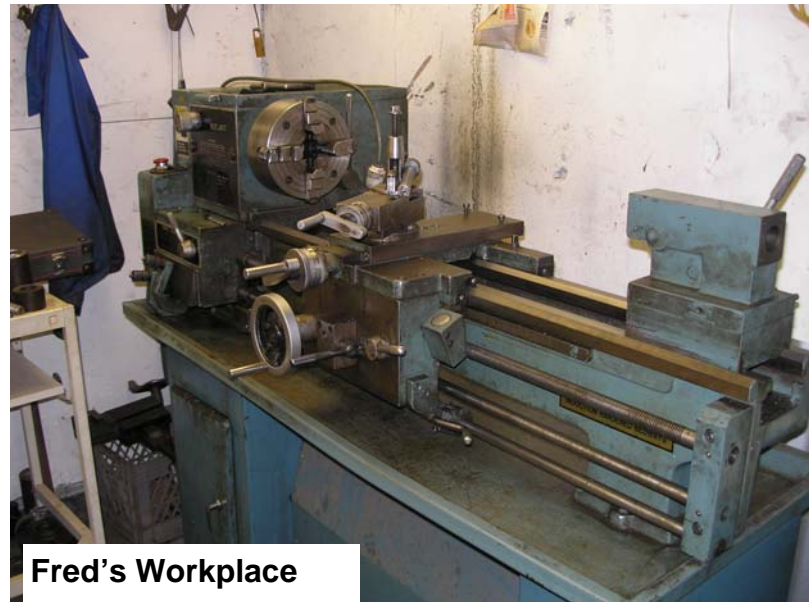


Utilizing his professional experience, Fred custom machined over 200 threaded studs for locomotive #2479 on the small lathe.



John Ezovski summed our mutual feelings toward Fred: "He was a wonderful teacher. I spent many hours with him next to me guiding me in the creation of pins, bushings and other objects on his trusty lathe. It will be very difficult standing next to the Rutland knowing he is no longer amongst us."

His machining has been vital to the progress made to date on the restoration and we will be forever indebted to his contribution. Thank you, Fred.



Fred's Workplace

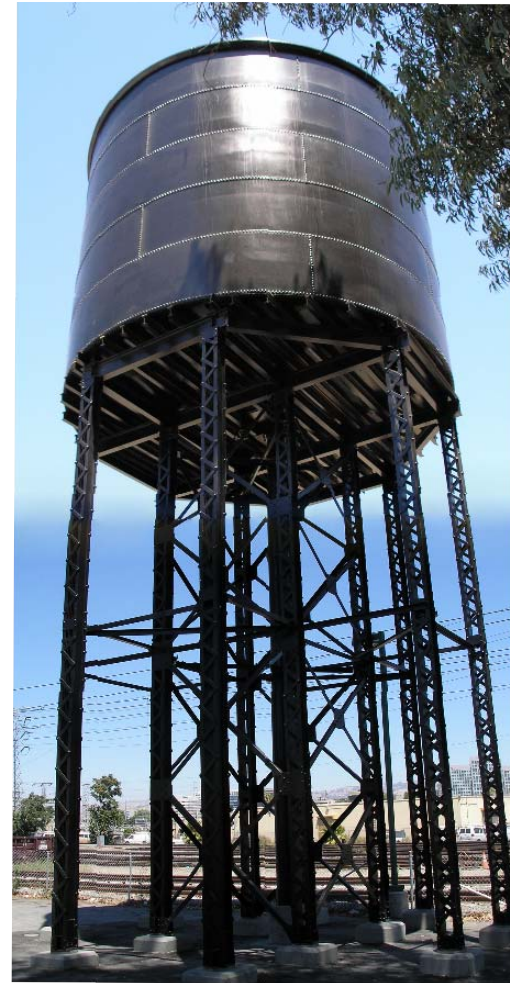
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McDonald are covering all costs so the event is free volunteers and families. RSVP to 408-924-7561 or mccarthy@mti.sjsu.edu.

Meeting was adjourned at 8:34am

Respectfully Submitted: Brendan J. McCarthy

WATER TOWER INFORMATION



In early July 2005, the large steel water tank located at the Diridon depot in San Jose, California was reinstalled after a two year cosmetic restoration funded by the Valley Transportation Agency's Vasona Light Rail Project. The tank's new location, adjacent to the Park Avenue under crossing, is approximately 1/4 mile south of its 1935 site. Currently serving nearly 100 passenger trains everyday, the depot and several complementing structures, including the water tank, are listed on the National Register of Historic Places.

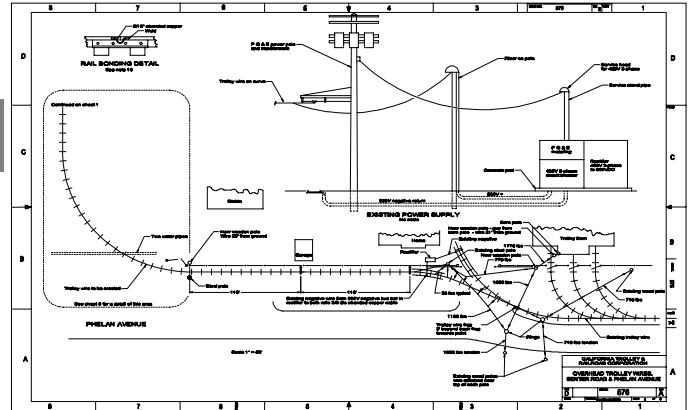
Construction of a the 7 mile light rail extension required the removal of the water tank. After receiving several bids toward the tank's restoration which were nearly double the original \$250,000 estimate, the transportation agency held public hearings on the potential disposition of this historic structure. Due to the overwhelming interest from local residents and the preservation community, the agency agreed to move forward with the tank's restoration. The tank was dismantled and subsequently stored in a nearby maintenance yard for the past two years.

Photo research indicates the water tank may have been originally used at Southern Pacific's Market Street depot in downtown San Jose and, as a result, would predate the 1935 Diridon depot by several decades. While no longer a functional storage tank, the 55,000 gallon and 48 ft high structure will continue to stand as a visible reminder of when steam locomotives such as Southern Pacific's Daylight class served the San Jose community.

(Continued from page 1)

has a \$40,000 grant purchased so much, thanks to the volunteers' ability to stretch a buck. Special thanks to Bob Schneider who guided the project through to completion.

Happy Hollow Trolley Line Electrification: The detailed plans for the installation of the overhead conducting wire for



the Happy Hollow Trolley line are finally complete, signed by a separate certified electrical and structural engineering firms and delved to the San Jose Public Works Department for approval. Contact has been made with PG&E to schedule the installation of the line as soon as the City permits are issued. We all wait impatiently for the trolley to make the run between History San Jose and Happy Hollow along Senter Road. Thanks to Tony Notaro of Biggs Cardoza and Sammy Fernandez of American Consulting Engineers for reviewing and certifying the plans.

Steam Railroad Museum Site: Our great champions with the City of San Jose, Vice mayor Cindy Chavez and Council member Ken Yeager, continue to work diligently to provide a site for CTCRC's San Jose Steam Railroad Museum. Two prime sites near the Diridon Station are under consideration with a decision to be made this Fall. Special thank to these two fine friends of historic preservation.



Proposed Railroad Museum Site

LOCOMOTIVE NEWS

As submitted by Jack Young.

With summer upon us the work crews are somewhat smaller from Saturday to Saturday but we continue to make progress in the following areas.

Boiler - The form 4 work is continuing we now have extensive documentation on the boiler which includes a drawing of the boiler, table with actual measurements of the boiler thickness, and new calculation on the boiler structure. This is all due to the hard work of John Ezovski, Tom Anderson, and Art Randall.

Brake Rigging- This is one area that keeps the machine



John Zielinski & Brake Parts

shop busy week in and week out Lee W and Doug D have done a wonderful job moving this project forward. They usually have the Lath and the Mill working all day making new bushing and boring the different link, reach rods, or brake hangers.

Running gear – Art Randall has been making more meas-



urements of the frame shoes and wedges to determine the final machining need. This is requiring Art to make some

home grown measurement tools. We have also been laboring in breaking the connection between the cross head and the piston rod. Several attempts have failed. Gene Martin is in the process of mak-



John Ezovski pounding on the crosshead

ing a grease press to fit into the cross head to help press the piston rod out of the cross head. We are all keeping our fingers crossed.

Power reverse – The power reverse is in the final stages of assembly. The power reverse was waiting for a new piston. If you remember way back 10 years ago we had the power reverse bored out to a larger size at Oakland machine work this was due to excessive pitting.

Site Maintenance - Larry Murchison, Denis Murchison, Phil Ruhle



Who is this masked killer of weeds?

and John Zielinski have been keeping the grass cut to a manageable state and the site clean of garbage. This year seemed to be long growing season for the grass.

(Continued on page 6)

TROLLEY BARN NEWS

Submitted by Robert Schneider



Pit: All of the floorboards (2x12 lumber) have been stained and installed. The stairs have also been installed. Marv Bamburg, our engineer, gave his final approval on 7/14 and will be forwarding his report to the City. It has been a pleasure to work with Marv on this project. Volunteer effort on the Pit was forecast at 500 hours, but as of July 1st a total of 1009 hours have been put forth. The Pit will be dedicated 8/18 during the CTRC Picnic.

Merryweather: The unit has been reassembled. Technical review of the boiler will be done later. Several piping details also need to be resolved. It was returned to the San Jose Fire Department Muster Team's museum for display during the Independence Day weekend. Estimated hours of work so far is 406.

Cadillac: The Cadillac was also on display at the Muster Team's museum during the Independence Day weekend. It was driven over. It is now back in the Restoration Shop for further "tuning". Total hours to date from our start of work (June 2002) to July 1st was 8491 hours over 37 months.



Rauch & Lang: Striping of the body paint continues. New wood floors for the battery compartments on each end have been installed. Reassembly of the battery charger is



moving right along. Volunteer hours from the start (12/1/04) to July 1st is 600.

Birds in the Barn: This year there have been no nesting birds in the Trolley Barn! We've done nothing to cause this change. One theory is that Fred is no longer there. Who knows.



Misc: Ernie Lindley helped us sell our tired old scissor lift on the internet. The funds were sent to CTRC as this is one of CTRC's assets. Thanks Ernie.

Gas Station: Bonnie Bamburg tells me that Rotten Robbie will be sponsoring the Associated Station for one year. Sponsorship will include maintenance work on the building and support of the Collections people so that they can redo the displays and provide added care for materials already in the collection. More details later. Thanks, Bonnie.

Ridership/Barn Visitors: Our Motormen and Host programs continue as strong as ever. Ridership this calendar year was 4690 for the first quarter and 7176 for the second quarter. Trolley Barn visitors were 1720 for the first quarter and 2679 for the second quarter. Some of our Motormen participate in the HSJ's Historic Transportation Experience, a class given to visiting grade school groups.

Trolley Air Compressor: Our spare air compressor was taken to Sparks Electric in Sparks Nevada to have the armature and field windings replaced. All of them were bad. A Grant received last year is covering a portion of the costs and CTRC the remainder.

