

## **O Scale Winter- Spring 2017 Progress**

We began 2017 with our winter projects including tear down and replacement of the Passenger yard lead bridge, lighting upgrade, and major 110vac rewiring. The new bridge is a 'Bascule' type purchased from O Scale West many years ago. The project includes repositioning the lead turnout, adding a harbor area next to the On3 Yreka yard, lowering of the walkway wall to allow better viewing, and new harbor scenery and buildings.

Another big project was new LED lighting for all the lower level yards and walkways, plus 110vac rewiring of the Departure, Arrival, Midway, and Zenith panels to eliminate all plug strips and allow independent control of DC, DCC, Signals, O Scale Computer Interface(OSCI), Video, and other power supplies. Also added were LED lights for Pt. Richmond storage area and a new 24/7 circuit for the trolley layout.

At Midway, the roundhouse stall tracks have been ballasted, wired and selectable via the turntable panel control at the The Midway Engine terminal. A few new high-rise building fronts have been added behind the Midway Union Station.

Most of us worked on Mt. Heller with ground cover and foliage during the year. The lower section visible to the walkway and the area around the Santa Fe bridge are nearly complete. Coloring and trees have been applied to much of the upper area also.

We are also numbering our tunnels starting at Departure in sequence to Midway, Zenith, then Arrival. This will let us ID areas when there are track or train problems to report at tunnel areas.

For Pt. Richmond, new tenement buildings were installed and LED building lighting is underway. All the buildings are prepped for LED light strips and some lighting using structured wiring has been installed. Several lighted emergency vehicles and a fire scene have also been added.

Our cam train has been outfitted with a new tiny1080P WiFi camera with output for the walkway monitor and Arrival panel area.

Electrical work included new 12amp DC power supplies for the Arrival and Departure divisions. These will allow both Main and Local cabs can to operate simultaneously and provide backup power if needed.

We sold \$1250 from donations at Sacramento Great Train Show in Jan. Many O Scalers attended the O Scale West 2017 Show in Sunnyvale where we sold donations for \$480 and in exchange, purchased some nice building fronts, trees, and a brass signal bridge now installed

at the Skyway area. We received a donation of twelve diesel locomotives from Mark Francis and over 200 lightly used 3-rail rolling stock plus 30 locomotives from former member Jim Dox.

Overall, our layout is running very well with few track or electrical problems. Most of our operational problems are occasional equipment related issues such broken couplers, malfunctioning trucks and dirty wheels or tracks.

Month by month progress and members responsible can be viewed at the O Scale Web Site.

## Month by Month

These are sent to the EBMES secretary

### O Scale progress for Jan 2017:

- **Jeff Rowe** was voted Trainmaster for 2017.
- **Dave Goslee, Josh Carpoff, Rowe** attended the Sacramento Great Train show. We sold over \$1250 of our Lionel donations.
- We began work on two of our Winter projects:
  - Planned location of Bascule bridge. Proceeded to remove old bridge and began scenery demolition. **Mark Francis, Jeff Heller, Josh Carpoff, Jeff Rowe. Mark Francis** worked on framing water base and dock area by On3 during the month.
  - **Rowe** worked on Bascule bridge stationary section for track support.
- **Rowe** worked on Departure Power supplies. Two new 10amp supplies built last year are being installed.
- Rowe built a new workbench under Mt Heller.
- **Carpoff, Rowe** worked on train cam.
- **Dave Illich, Francis, Carpoff** worked on replacing the T8 lamps on Arrival with new LED lights.

- **Heller** continues to work on Mt. Heller. We cleaned up and sorted to one place our scenery supplies.
- **Andy Olson** worked on a sticky door at our layout entrance, plus other tasks.

### O Scale progress for Feb 2017:

- We began work on two of our Winter projects:
  - Continued work on Bascule bridge. **Mark Francis, Jeff Heller, Josh Carpoﬀ, Jeff Rowe.**
  - **Rowe** worked on Bascule bridge stationary section for track support.
- **Rowe** working on Departure Power supplies. Two new 10amp supplies built last year are being installed.
- **Dave Illich, Mark Francis,** worked on replacing the T8 lamps on Departure with new LED lights. **Rowe** did prep work for LED lights under Mt. Heller.

John Engle, Josh Carpoﬀ working on Pt. Richmond building lights.

### O Scale progress for March 2017:

- We continued work on two of our Winter projects:
  - Continued work on Bascule bridge project. **Mark Francis** has been busy doing the waterfront scenery and dock area work. A barge has been built and installed. A great job Mark! **Heller and Carpoﬀ** purchased and delivered the plastic walkway panel. **Rowe** completed the bridge mounting and alignment. Wiring is also ready. **Mike Leahy** removed the steel rails on the bridge and prepared new nickel silver rails.
- **Rowe** completed 110vac rewire of the Departure panel area. Several new outlet boxes available and all the video power controls now on a single switch. A total of five plug strips were removed.
- **Mike Leahy, Dave Goslee and John Engel** , worked on replacing the T8 lamps on Departure with LED lights. **Rowe** finished prep work for LED lights under Mt. Heller and **John Engel** installed the lamps and cover plates. Still need to run a conduit with source power to light switch.

**John Engle, Josh Carpoﬀ** working on Pt. Richmond building lights.

**O Scale progress for April 2017:**

We had a good opening day. No major electrical or track problems. We all worked on cleaning the layout areas and tracks.

- We continued work on our Winter projects:
  - Continued work on Bascule bridge. **Mark Francis** has been busy doing the waterfront scenery and dock area work. A barge has been built and installed. **Rowe** completed track wiring and signals. **Mike Leahy** removed the steel rails on the bridge and prepared new nickel silver rails.
- **Rowe** completed 110vac rewire of the Arrival panel area. Several new outlet boxes available and switches for DC, DCC, Signals, PC+OSCI installed.. A total of five plug strips were removed. **Mike Leahy** has been assisting.
- **Dave Goslee** placed ballast on all the Midway Roundhouse tracks.

**John Engle, Josh Carpoﬀ** working on Pt. Richmond building lights.

**O Scale progress for May 2017:**

- **Rowe** began 110vac rewire of the Midway panel area. Several new outlet boxes will be available and switches for DC, DCC, Signals, PC+OSCI installed. A total of five plug strips were removed.
- Mike Leahy and Rowe worked on the new Mt Heller LED lights. Five new lamps installed. Mike did ridged conduit, Rowe flex conduit. John Engel worked on lamp fixtures.
- **Dave Goslee** continued ballast on all the Midway Roundhouse tracks. Dave has also been repairing cars on the RIP tracks.
- **John Engel** started work on preparing and placing tunnel number signs at our tunnels. The tunnels will be numbers starting at Departure in sequence to Midway, Zenith, then Arrival. This will let us ID areas when there are track or train problems to report at tunnel areas.

**John Engle, Josh Carpoiff** working on Pt. Richmond building lights.

**Mark Francis, Jeff Heller, Mike Leahy, Dave Goslee, Jeff Rowe** were at OSW 2017. We sold \$478 and bought some nice buildings and trees for the layout. Also purchased a nice signal bridge and a DCC command station.

### **O Scale progress for July 2017:**

**Operations** continue well. Very few electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Rowe** continued 110vac rewire of the Midway panel area. **Mike Leahy** is also helping. Several new outlet boxes will be available and switches for DC, DCC, and Video.

- **Rowe** is moving the signal power supply and circuit breakers to Arrival for easier access and maintenance.
- The main OSCI computer power supply failed. A new one was installed and works fine. (**Rowe**). The July scale meeting has approved purchase of a new PC.
- **Dave Goslee** continued ballast on all the Midway Roundhouse tracks. Dave has also been repairing cars on the RIP tracks.
- **Jeff Heller** installed new building fronts from OSW2017 at Midway and also continues on scenic work at Mt. Heller.
- **Josh Carpoiff** purchased new "Ham" type radios for O Scale. They work great and all the older radios have been sent to recycle.
- **Mark Francis** added some barges and a tug board to the Bascule bridge harbor.
- **John Engel** added a nice crane scene at the Hotel Mac in Pt. Richmond.
- **Heller, Leahy, Rowe** worked on the east 7L lead curved turnout which is in a difficult place with one side super-elevated, the other flat.
- **John Engle, Josh Carpoiff** working on Pt. Richmond building lights.

### **O Scale progress for Aug 2017:**

**Operations** continue well. Very few electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Rowe** continued 110vac rewire of the Midway panel area. **Mike Leahy** is also helping. Several new outlet boxes will be available and switches for DC, DCC, and Video.

**Mike Leahy, Dave Goslee and Jeff Rowe** worked on a new 3/4" conduit from main panel to Arrival.

- **Mark Francis** added some barges and a tug board to the Bascule bridge harbor.
- **Rowe & Mike Leahy** worked on Bascule bridge alignment.
- **Mark Francis, John Engel** at club for NMRA visit on 19Aug.
- **John Engle, Josh Carpoiff** working on Pt. Richmond building lights.

### **O Scale progress for Sept 2017:**

A relatively slow month with many of us away on work or travel.

**Operations** continue well. Very few electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Rowe** has prepared a draft O Scale review article for O Scale Trains magazine. **Jeff Heller** will be doing pictures.

Also busy making a 1 inch = 1ft. overall layout drawing for article and other uses.

**Mike Leahy, Jeff Rowe** continued work on a new 3/4" conduit from main panel to Arrival. Also, running a 1/2" conduit from last Departure outlet box to the north end workbench and the On3 workbench areas so their plug strips can be removed.

**Dave Illich** is preparing a new and larger main 110v electrical breaker panel for O Scale. It will also have a surge protector and main on/off switch.

**John Engel** received a picture from Kaiser Hospital of Lionel layout he take care of. Picture show a child enjoying the train action.

**John Engel** also busy of preparing Lionel donations for sale.

**Mark Francis** custom built a large ore handling building for Eureka Bay.

**Josh Carpoiff** added lights to the Eureka Bay ore building.

### **O Scale progress for Oct 2017:**

A relatively slow month with many of us away on work or travel.

**Operations** continue well. Very few electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Mike Leahy, Jeff Rowe** continued work on a new ¾” conduit from main panel to Arrival. Also, running a ½” conduit from last Departure outlet box to the north end workbench and the On3 workbench areas so their plug strips can be removed.

### O Scale progress for Nov 2017:

A relatively slow month with many of us away on work or travel.

**Operations** continue well. No electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Dave Goslee, John Engel Mike Leahy, Jeff Rowe** continued work a ½” conduit from last Departure outlet box to the north end workbench and the On3 workbench areas so their plug strips can be removed.

**Bob Brown, Jeff Rowe** worked on installing new outlets and LED lights under Pt. Richmond. A new control switch box installed to turn on layout and building lights, and underneath lights.

**Mike Leahy** and **Jeff Rowe** working to clean up tangled wires and neaten wire cabling in some areas.

**Mark Francis, Don Flores and Jeff Rowe** worked on O Scale overhead LED lights.

**Jim Ambrose** made a batch of trees for Mt. Heller.

### O Scale progress for Dec 2017:

We had our end of year meeting. **Jeff Rowe** elected 2018 Trainmaster. We made plans for our winter activities. Minutes can be found at [http://www.gsmrm.org/members/o\\_scale/OSDocuments/OScale\\_Business/Previous/Dec2017-minutes.pdf](http://www.gsmrm.org/members/o_scale/OSDocuments/OScale_Business/Previous/Dec2017-minutes.pdf)

**Operations** continue well. No electrical or track problems. The main op issues are equipment problems such as broken couplers or other malfunctions.

**Mike Leahy** and **Jeff Rowe** working on Zenith 110vac panel outlets and switches, also on pulling a new 24/7 circuit to Pt. Richmond.

**Josh Carpoff** is investigating new HAM type radios for group.

**Dave Goslee** repaired some of our RIP track cars.

**John Engel** checking and pricing our 3-rail donations for the Sac Train Show in Jan.

**Marty Campbell** is refurbishing the City of Milwaukee passenger train and locomotives. All new trucks for the coaches.