

O Scale 2016 Progress

We began 2016 with our winter projects with installing the siding section of block 7L (aka block 7 Loop). There are now two tracks, 7L-Main, 7L-Siding. A custom built crossing was needed to allow trains to move between the 7L and block 5&6 tracks. The crossing is fully interlocked to prevent any collisions. These new tracks have greatly added to our operation possibilities and keep more trains running for our guests. Later work will include splitting block the 7L tracks and the 5-Main, 5-Siding tracks with detectors and signals to allow additional storage and traffic control. Signals and detectors are now in place, with panel control for the split tracks remaining to be completed. We also relaid about 20ft of bumpy track leading into the Midway east lead. New Midway building fronts were added and some of the older units renovated and improved.

Five new roundhouse stall tracks have been installed, wired and selectable via the turntable panel control. at theThe Midway Engine terminal. The five stall roundhouse (from Rowe's home layout) was re-enforced to allow easier removal and handling.

The Zenith yard tracks were split so we now have more storage and staging possibilities for the Mountain Division. Most of us worked on Mt. Heller with ground cover and foliage during the year. The lower section visible to the walkway is nearly complete. Coloring and trees have been applied to much of the upper area. A new bridge was installed on Block 12 just before block 13.

The PowerHouse at Churchill yard was rebuilt to better fit the OSCl and TrainCam monitors.

For Pt. Richmond, pavement was added under the corner gas station, so this area is starting to look more finished.

We started work on an IP digital video system to provide better surveillance pictures. The OSscaleLAN was rewired to allow easy connectivity in support of this project. To date, one camera has been installed to monitor the block 5 and 7 midpoint traffic. Our cam train has been outfitted with a new tiny IP 1080P camera with output for the walkway monitor and Arrival panel area.

Electrical work included new cab relay boards for the Arrival, Departure and Midway panels, plus two new power supplies for Departure Panel. These will allow both Main and Local cabs can to operate simultaneously

We sold \$1500 from donations at Craneway in Jan.

Former members **Mike Leahy** and **Dave Goslee** returned to active Senior status this year. Our student member, **Eric Ciscerous**, withdrew from club due to college plans.

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 2016:

- **Jeff Rowe** was voted Trainmaster for 2016.
- Several of us (**Francis, Brown, Heller, Ambrose, Engel, Rowe**) attended the Craneway Great Train show. We sold over \$900 of our Lionel donations.
- We began work on two of our Winter projects:
 - Our other big track project is the block 7L (aka block 7 Loop) addition which will allow the Midway division to loop trains. This over 100ft double track, four turnout addition, linking block 7 to block 5, will greatly add to our operation possibilities and keep more trains running for our guests. This winter we are adding the second leg of 7l, the Siding block. **Mark Francis, Bob Brown, Mike Leahy, Eric Cisneros, Jeff Rowe.**
- we are busy working on the Midway block 7L siding track
 - ~Leahy, Brown, Cisneros, Francis laying track
 - ~ Rowe built and installing turnout and crossing
- Zenith 5 yard tracks being split for additional storage- Rowe
- we sold \$1500 donations at Craneway in Jan- Francis, Brown, Rowe
- Heller continues to work on mt. Heller
- Cisneros finished scenic work on his low income housing track in pt. Richmond
- Josh Carpoff working on IP Video demo.
- Jeff Rowe elected Trainmaster for 2016

O Scale progress for Feb 2016:

- **Dave Goslee returns to Senior member status.**
- **Dave Goslee** started work on installing roundhouse stall tracks at the Midway Engine terminal.
- we are busy working on the Midway block 7L siding track
 - **Leahy**, laying track . **Leahy, Francis** and **Marty Campbell** installed drop wires and connected to track feed wires.
 - **Rowe** finished installing turnout and crossing and did tuneup. Completed wiring of the Midway panel. Three relay boards were built and installed for interlocking the crossing area.
- Finished Zenith 5 yard track splits for additional storage- **Rowe**
- **Heller** and others continue color work on Mt. Heller
- **Mark Francis** finished scenery and bridge work at the block 12,13 boundary.
- **Josh Carpoff** working on IP Video demo.
- The Churchill Powerhouse was rebuilt to better conceal the layout and train cam monitors at Churchill yard- **Rowe**.
- at Pt. Richmond, **John Engel** and Eric Cisneros installed pavement under the corner gas station, so this area is starting to look more finished.
- **Carpoff, Goslee, Leahy, Rowe, John Engle, Mark Francis, Andy Olson** met at **Jeff Heller's** home on the 26th for pizza, slideshows, and a movie. Had a great time

O Scale progress for Mar 2016 EBMES Minutes:

- we have finished the Midway block 7L siding track:
 - **Mike Leahy**, finished the last 12 feet of track,
 - **Rowe** finished interlock wiring for the two 7L-Siding and 7L-Main turnouts and crossing. Installed block and infra red motion detectors for 7L siding. Midway panel indicator lights installed.
 - **Leahy, Marty Campbell** installed new track at the block 7L Big Rock area to remove curve kinks which have caused some large steam engines to lift off the track.
- **Heller, Francis** and others continue color and tree work on Mt. Heller. The mountain is mostly colored now, and trees and vegetation are being added.
- O Scale attending the annual cleanup: Bob Brown, Mark Francis, Dave Goslee, Mike Leahy, John Engel, Andy Olson, Jeff Rowe.
- **Josh Carpoff** working on IP Video demo. Cameras at block 5, Zenith. Main network wiring junction boards in.
- O Scale attending the annual cleanup: **Bob Brown, Mark Francis, Dave Goslee, Mike Leahy, John Engel, Andy Olson, Jeff Rowe.**

O Scale progress for April 2016 EBMES Minutes:

- We have had a good beginning to the run season. Layout is running well. The new Midway loop 7L loop tracks also working as intended.
- Signals added to the two 7L-Siding and 7L-Main turnouts and crossing - **Rowe**.
- **Heller** and others continue adding trees and vegetation to Mt. Heller.
- **Josh Carpoff, Rowe** working on IP Video demo. Cameras at block 5, Zenith. Main network wiring junction boards in. Access points now on main network, aka OscaleLAN.

O Scale progress for May 2016 EBMES Minutes:

- Last signals added at the 7L-Siding and 7L-Main midway block division. - **Rowe**.
- **Heller** and others continue adding trees and vegetation to Mt. Heller. **Heller** also installed some backdrop building fronts behind Midway.
- The five stall Midway roundhouse was reinforced to improve the rigidity of the building so it can be lifted for track cleaning and maintenance.-**Rowe**
- **Dave Goslee** finished work on the five stall tracks for the Midway Engine terminal roundhouse. **Rowe** began wiring the tracks to the panel selector switch and relays.
- **Josh Carpoiff, Rowe** installed a roof access for new wi-fi antenna for downstairs internet access.
- Tested DCC on the Departure division. Ran the SP Black Widow reefer train well, using iPhone and OSCI for train control. Train was using only about 1.2 amps of DCC power at max. The DCC audio alarm for shorts was also demonstrated at one time when the engines ran a turnout not set for route. Will continue with multi-train testing in June.
- Our trial member **Eric Ciscerous** has decided to withdraw from club due to college plans.

O Scale progress for June 2016 EBMES Minutes:

- **Rowe** continued wiring the new Midway roundhouse stall tracks to the panel selector switch and relays.
- **Rob Fassano** added analog camera to at Departure to cover blocks 5 and 7L for Midway operators.
- **Heller** and others continue adding trees and vegetation to Mt. Heller. **Heller** also installed some backdrop building fronts behind-
- One IP camera now working on the demo digital video system for Midway block 5 and 7 tracks. . Output shows on PC, iPad or smartphones. - **Carpoiff**

O Scale progress for July 2016 EBMES Minutes:

- **Rowe** continued wiring the new Midway roundhouse stall tracks to the panel selector switch and relays.
- **Rob Fassano** continued work on analog cameras.
- **Heller** continued work on Midway backdrop.
- **Josh Carpoiff** continues work on the digital camera system.

- **Rowe, Carpoﬀ** worked on the roof WiFi antenna for register and general internet access.

O Scale progress for Aug 2016 EBMEs Minutes:

- **Rowe** worked on tune up of the block 5-7 turnouts and crossing. Also rebuilt the Midway Main cab power selector relay board with removable relays.
- Wired the new Midway roundhouse stall tracks to the panel selector switch and relays (**Rowe**).
- **Heller** and others continue adding trees and vegetation to Mt. Heller. **Heller** also installed some backdrop building fronts behind-
- **Josh Carpoﬀ** continues work on the digital camera system.

O Scale progress for Sep 2016 EBMEs Minutes:

- **Rowe** completed building two new power supplies for Departure- each outputs 22v at 10amp. These will be used to replaced current power supply and add an additional supply so both Main and Local cabs can operate simultaneously.
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- **Heller** continues work on the Midway city building backdrops.
- **Josh Carpoﬀ** continues work on the digital camera system.

O Scale progress for Oct 2016 EBMEs Minutes:

- **Rowe** completed building another Cab Relay board with 10amp removable relays. This was installed in the Arrival Main Cab which just happened to have a relay failure on Oct 2. This and two other boards have now been replaced after three of the cab relay boards built in 2002-2003 have failed after nearly continuous Sunday operations over those 14 years. The new style boards have much higher current ratings and are easy to replace if needed.
- **Rowe** upgrading our on board train came with a 1080 Wi-Fi camera.
- **Heller** continues work on the Mt Heller.
- **Josh Carpoﬀ** continues work on the digital camera system. We are in process of adding a new camera at the block 5-7 crossing area.
- **Bob Brown** worked on some troublesome Midway west lead turnouts.

O Scale progress for Nov 2016 EBMES Minutes:

- **Rowe** upgrading our on board train came with a 1080 Wi-Fi camera.
- **Heller** added a new NMRA coupler height test track.
- Tune up work on the 5-7 crossing area. Filled crossing frogs. **Rowe**
- **Dave Goslee** worked on Midway roundhouse stall tracks to better align with turntable.

O Scale progress for Dec 2016 EBMES Minutes:

- **Rowe** testing our on board train came with a 1080 Wi-Fi camera.
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