



THE FLIMSY

NMRA Division 2 Newsletter

October 2020

In this issue.

From the editor

October meeting & at home Show-n-tell

Items for sale

The last say

We remain under ~COVID-19~ restrictions.

Message for our Super.

Super's Super Sayings

Well with things relaxing in the COVID-19 world we should now be able to meet at Linton without any troubles. Our meeting room clearly meets the 4m2 rule and it has been a long time since we had twenty at a gathering. At this stage I am not prepared to put other members at risk as most do not have sufficient room to meet the 4m2 rule.

The Div 2 November meeting for SATURDAY 21st, will therefore be at Linton YASS

It has been the tradition for several years now we will have a BBQ in December as the BBQ will be outside, as I understand I am correct in saying at this time, there will not be a limit to the number who can attend so wives and significant other should be able to attend.

Those who attended the October will already know that I shall be standing down as Div 2 Superintendent following the December meeting. I have served three years and feel it is now the time to let another take the reins. I would like the decision as to who will take over made at the November meeting so volunteers please put your hand up now!

The position is not a difficult one and after serving three years you would be eligible for the Official Certificate for the Achievement Program.

Stephe.

Discussion on Radio frequencies for Wi-fi in the Last say

A BLOG spot was requested being added to this issue.

Keep on training.

Robin.

Show-n-tell.

Rob NESBITT:

Rob continues with the 'old school' fabrication for the Wagga Wagga Station using styrene which is proving that measuring and cutting is a challenge for the curvatures over the windows. I have not yet formed both boxes for the front, but these pictures will give you an idea. I am not convinced that the joining wall is correctly proportioned - just seems to separate the 2 front walls a bit too much. Before I commit to cutting anything out, I will have to really check the plans, and if necessary, squash the three arches





Westinghouse Brake gauge. Beaver Creek Model Company Great Northern X337 / X432 standard window, now the property of Robin FOSTER



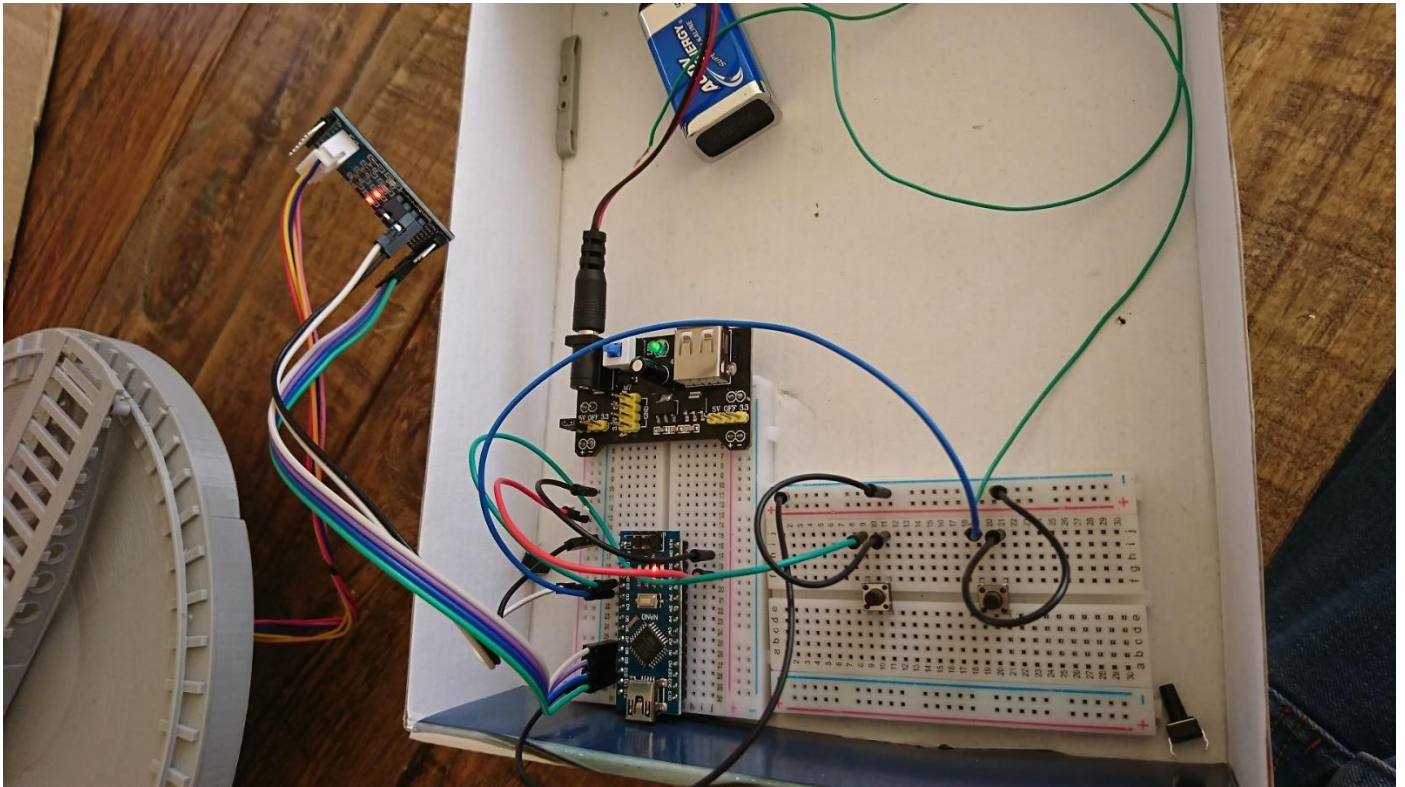
David VIRGO: work steadily continues on the 3D printed HO model of a NSW 60' Sellers turntable.

The main components are now complete but not painted. A working mechanism has been developed but this is at an early stage of development.

As my layout does not currently have space for this model, my plan is to use it in a working diorama or micro layout.

The model has been developed using Fusion 360 and printed on a Cocoon Create Touch printer purchased from Aldi.

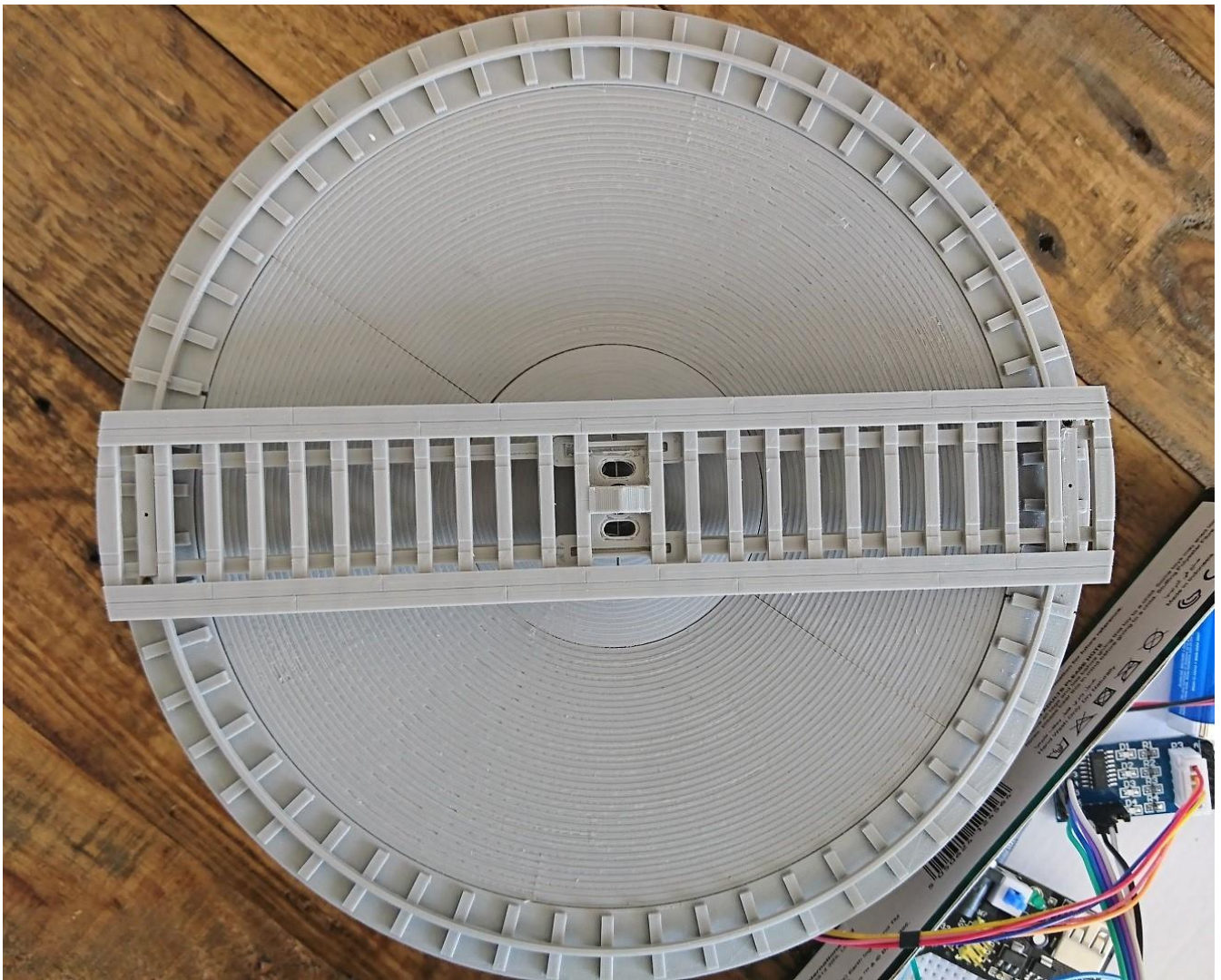
The test setup using an Arduino nano with 2 buttons (CW and CCW) with a 5V stepper motor and driver board



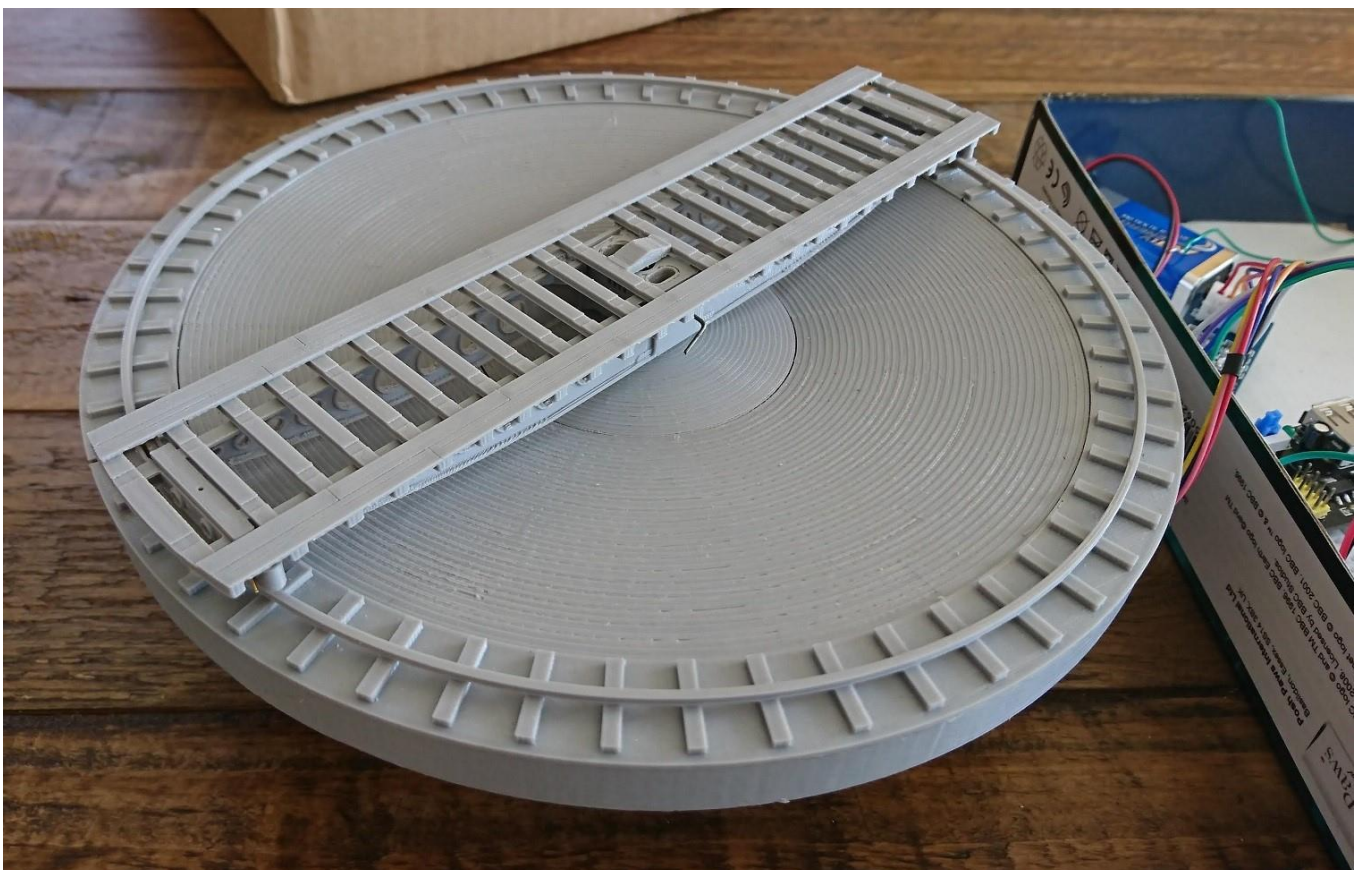
The girt box and wheels. The wheels are 3D printed and are "mostly" round.



Plan view of the pit and turntable deck. There are pin holes located on each girt box to assist with centring during assembly.



A view showing the layering in the print of the pit. This will be smoothed with a primer/filler before painting.



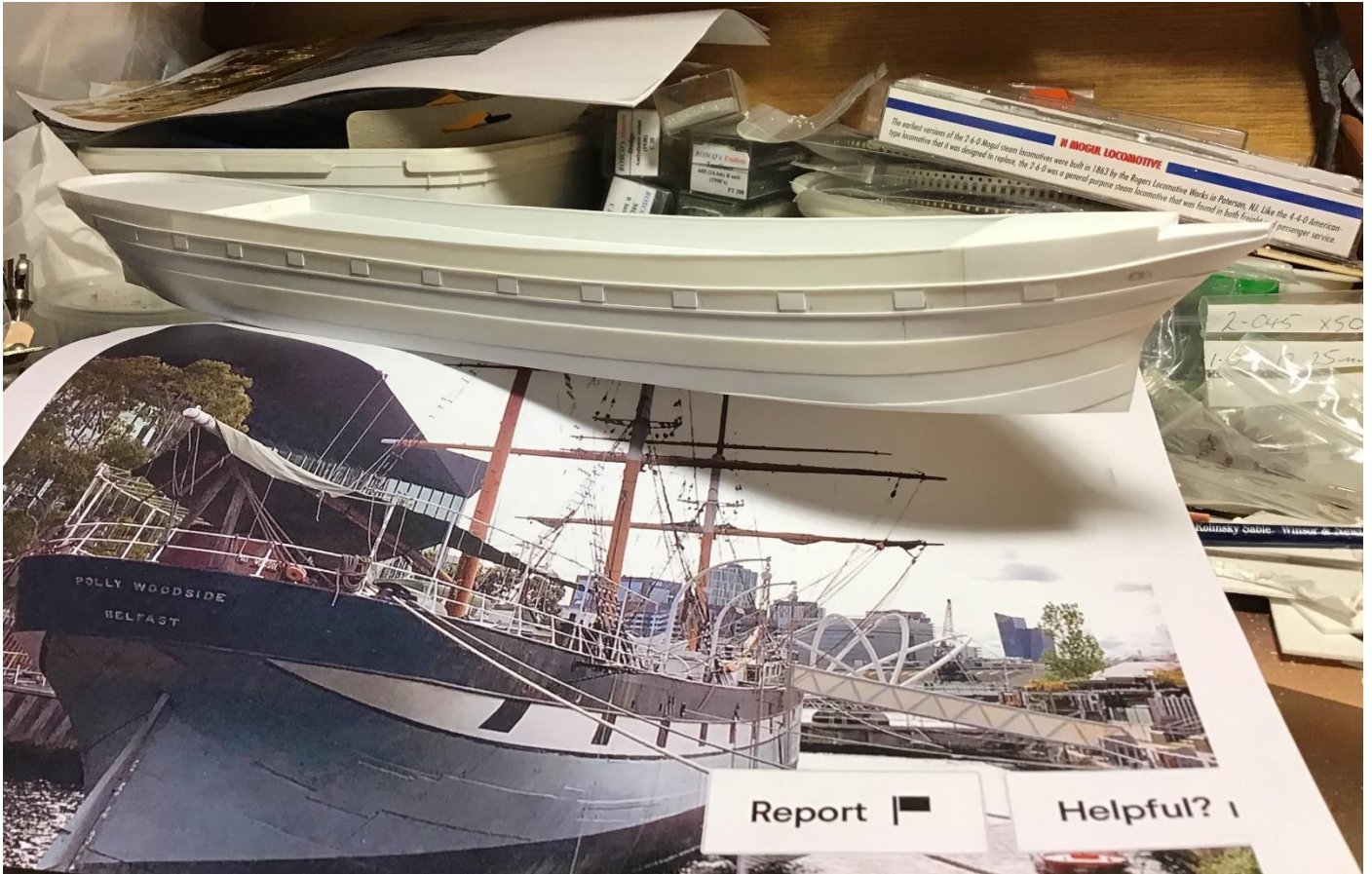
Ross BALDERSON:

This series of photos showing in step how the sailing ship hull of Victoria's "Polly Woodside" was created. Using templates drawn from scaled plans, layers of 3mm thick styrene were cut out and glued together forming the basic shape of the hull. The hull was further shaped using a cutting disc in a Dremel drill and several rasping files.

The following pictures were slightly cropped / resized, not to just show the model under construction, but the work area in all its glory of controlled organisation use of space on Rosco's workbench.



Strips of styrene were then cut out and applied to represent the iron plating on the hull.



Top view of the deck: the pencilled circles for the masts



Anchors and chain



A 3/4 view of the deck detail



The 2 photos of my latest scratch built N scale NSW six-wheel bracket van. It was drawn using Corel Draw then etched in brass. The window duckers were hand made from brass then caste in Polly urethane resin. The decals were also produced using Corel Draw then printed onto decal film.

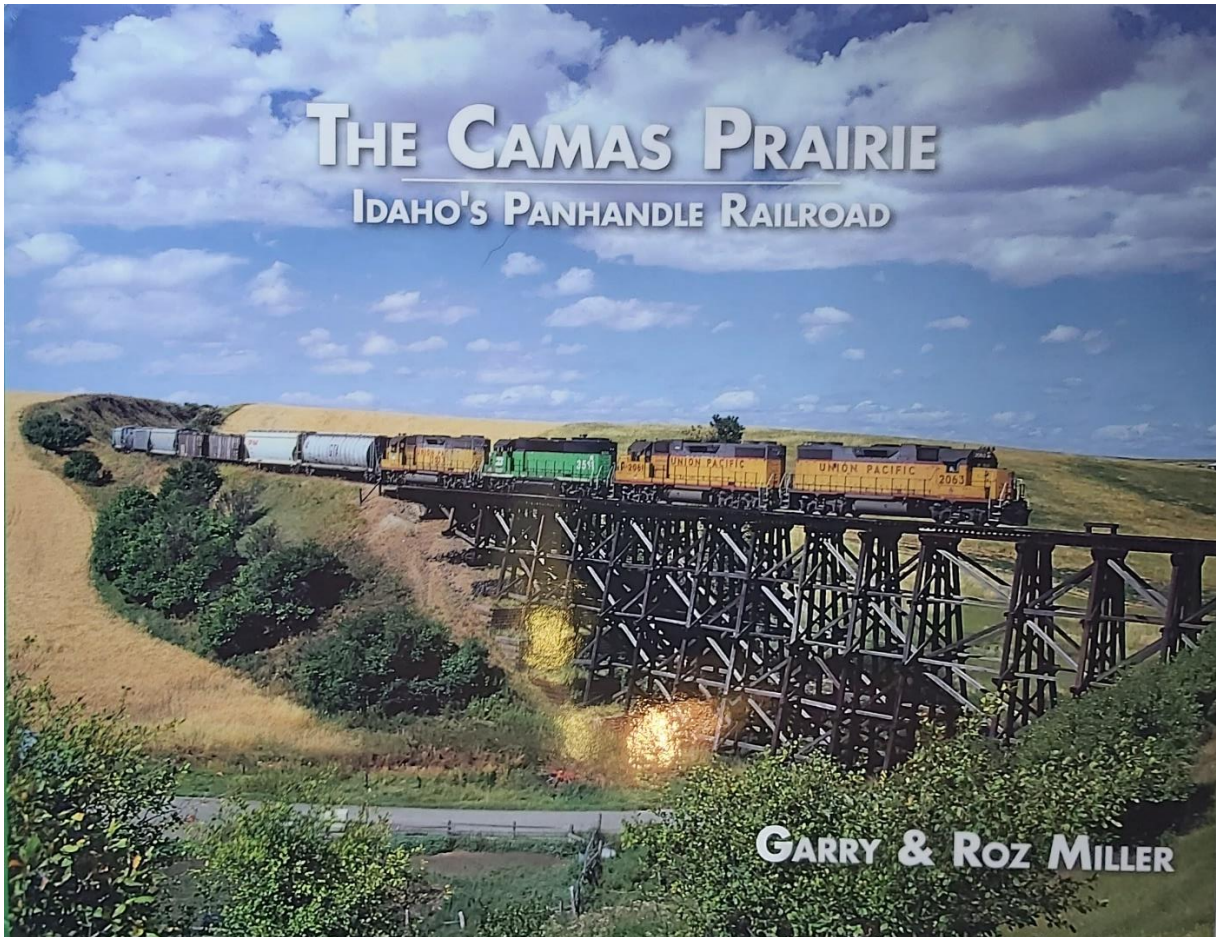


These N scale models show the scale against those Vallejo paint bottles



John GILLIES:

Formed out of the intense competition between the Northern Pacific Railway and the Union Pacific Railroad in 1909, the Camas Prairie operated joint trackage between Riparia, Washington, and Lewiston, Idaho, with branches extending to Headquarters, Stites, and Grangeville, Idaho. The railroad became known for its many spectacular timber bridges, including the famous Halfmoon bridge in Lapwai Canyon.

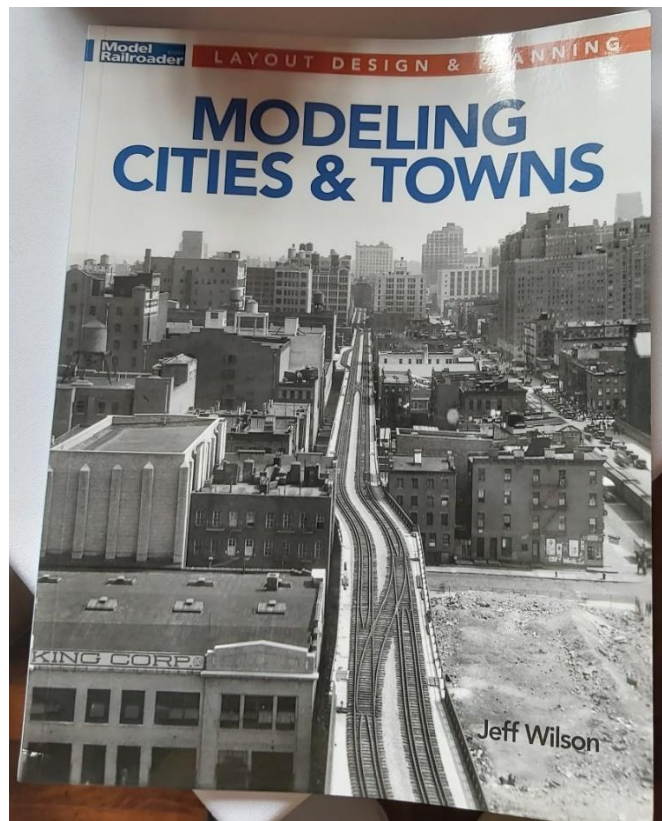
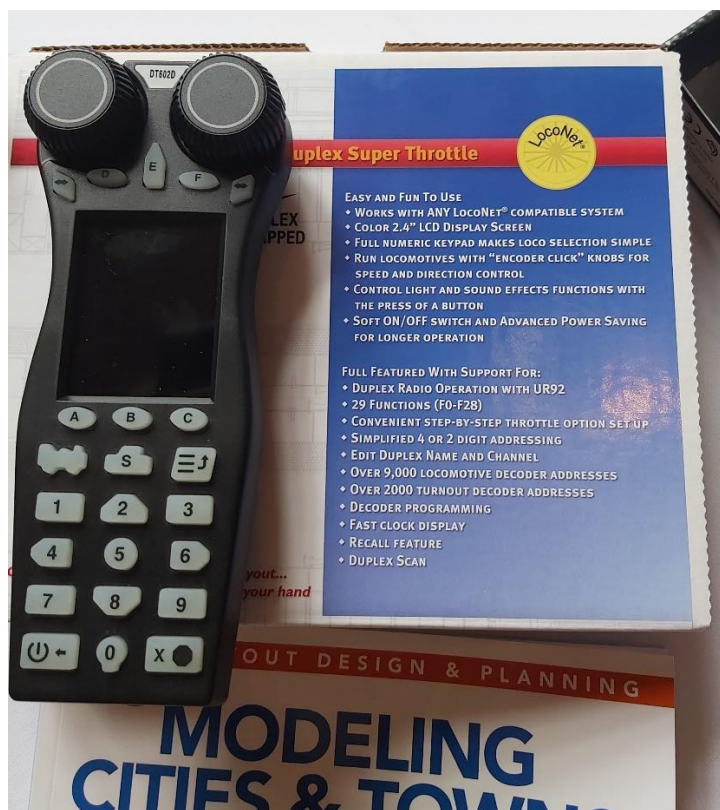


One of the many clear & informative photographs POTLATCH #85 switcher.



Mal RISBY:

Below left: Digitrax DT602D ~ Duplex Wireless Super Throttle ~ Dual Control



Above right: Model Railroader: Modeling cities & Towns

Warren BACKHOUSE:

Ray Pilgrim Signal Branch HO brass post & timber post signal with brass ladder.



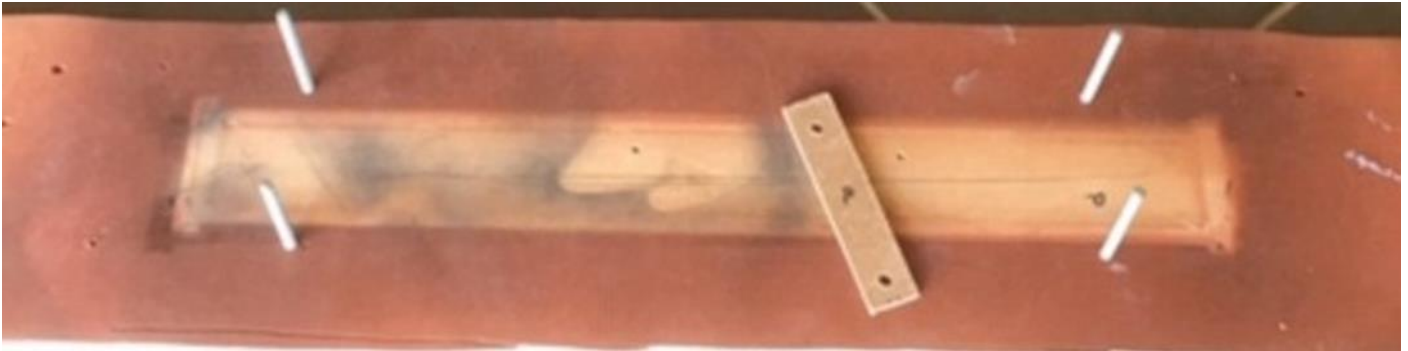
Jack CHILD:

Photos of my nearly completed bridge - still missing the track and the walkway.

We have tried to replicate the Whitton lattice girder bridge on the MacDonald River at Woolbrook, NSW.

The bridge was assembled from a kit produced by Uneek Models (Anton's Trains), the kit is etched brass and was one of the most challenging projects I have attempted owing to the thinness of the etches.

The lattice girders were assembled first, then aligned and secured in place using a purpose-built jig.



The jig proved an essential tool for an accurately aligned finished bridge!



Solder was used for the girder and under-frame construction, where solder and epoxy were used for the arches.



The abutments were made from styrene and MDF then covered with Noch brick paper.

Thanks to Rob, Warren and Stephe for support and assistance on this project.

the 'at home' activities:

Robin FOSTER:

Difficult to have an 'on site' show & tell where many aspects to this project being a long as time consuming process requiring time to set up as focus on the various sub-assemblies.

Projects continue with the various Athearn SW 7 and Varney 1500 switchers this is a time consuming as slow to work out the ways to re-motor from the ATHEARN grey motor to the AR Kits motor.

The VARNEY, being a heavy metal shell also posed some issues for lighting, as the light apertures for the front were 2 x 1 mm diameter where after a lot of procrastination as delays the 'cast' lights were drill out using a number of drill bits where it being a slow process to ensure the centre for the hole then increasing

size to suit the final diameter. The Front was easy as there was plenty of 'meat' on the cowl to just allow for the hole to enter the inside of the shell, the rear more problematic as the depth of the cast required some real thought to angle the aperture to the rear cast lights.

The method for lights was a search the electronics box where fibre optics surfaced, the price sticker as where I purchased tells me decades ago, well it was one of those 'one day I will use it purchase'.

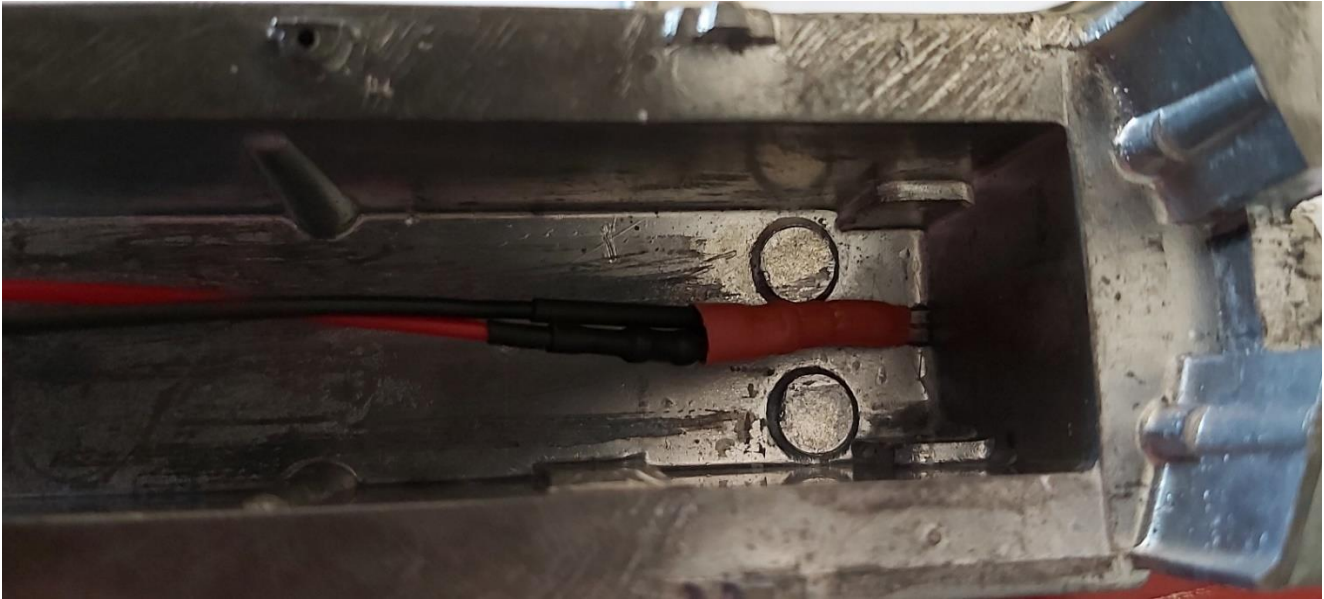


Some lengths of the fibre optic were cut and nestled against the face of the 3mm White LED with 2mm heat shrink then another 2mm heat shrink over the afore to provide a more secure fitting followed with 4mm heat shrink to secure it all together. Test fitting to the front area showed a neat fit. The 3mm LED come prewired with a 1.3 Ohm resistor.



The optics will be cut to length on final fitting.

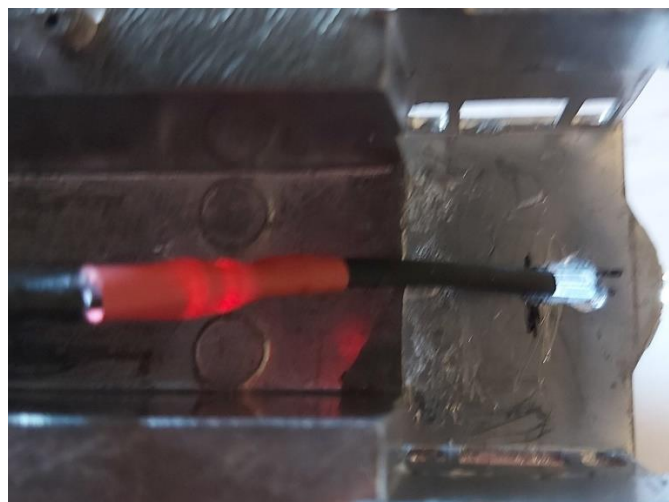
Optics secured for temporary fit at the front those thick red & black thick wires will be cut / shortened for the attachment of the thinner decoder wires.



The rear lights, this really tests one's measurements where measuring / marking out following the drilling of the rear lights with much more 'meat' then drilling a vertical pilot hole to find the horizontal entries with the pin vice with the fingers to 'feel' for the 'break through' to the horizontal cavity. Then the fun starts in opening a cavity to allow the fibre optics to enter. Again, with the use of increasing the bit sizes in increments and then a dentist burr in the Dremel to clean out those rough shards from the bits the job was successful after several passes for a smoother surface.



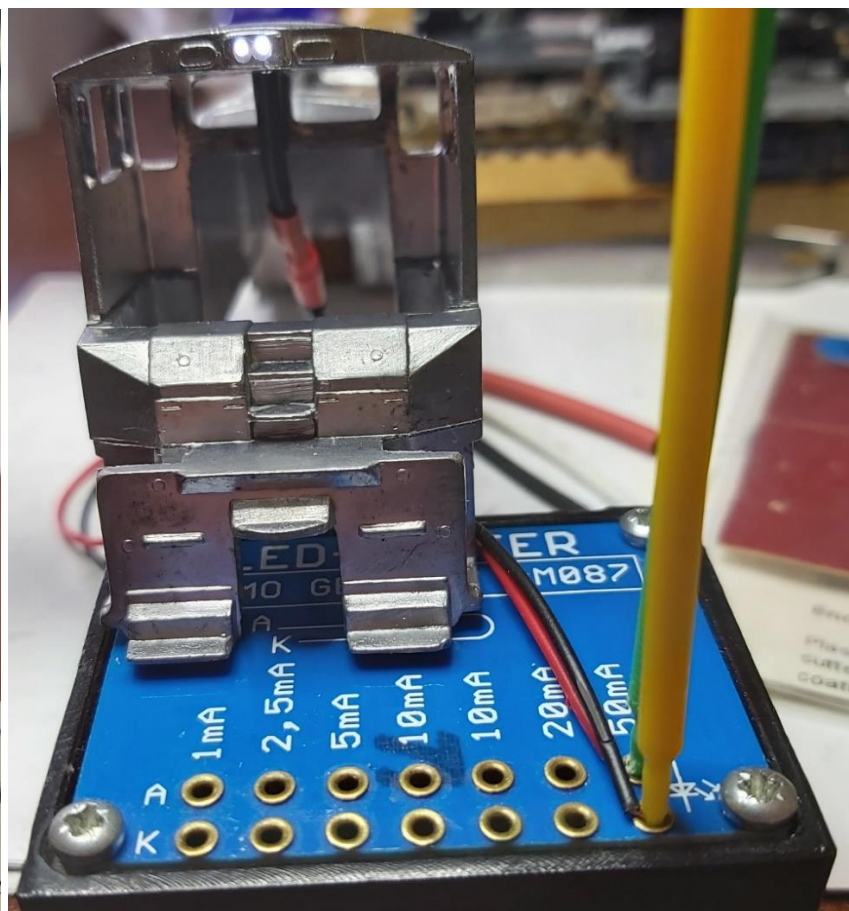
Fitting & testing, as can be viewed the angle for the tight optics fit works showing the 'excess' light through the heat shrink which will be addressed corrected with an extra black sheath of heat shrink. The optics will be cut off when fully deployed.



Centre punch and the various drill bits. I have found that each bit should have its own pin vice and duly marked for ease of identification. Works for me.



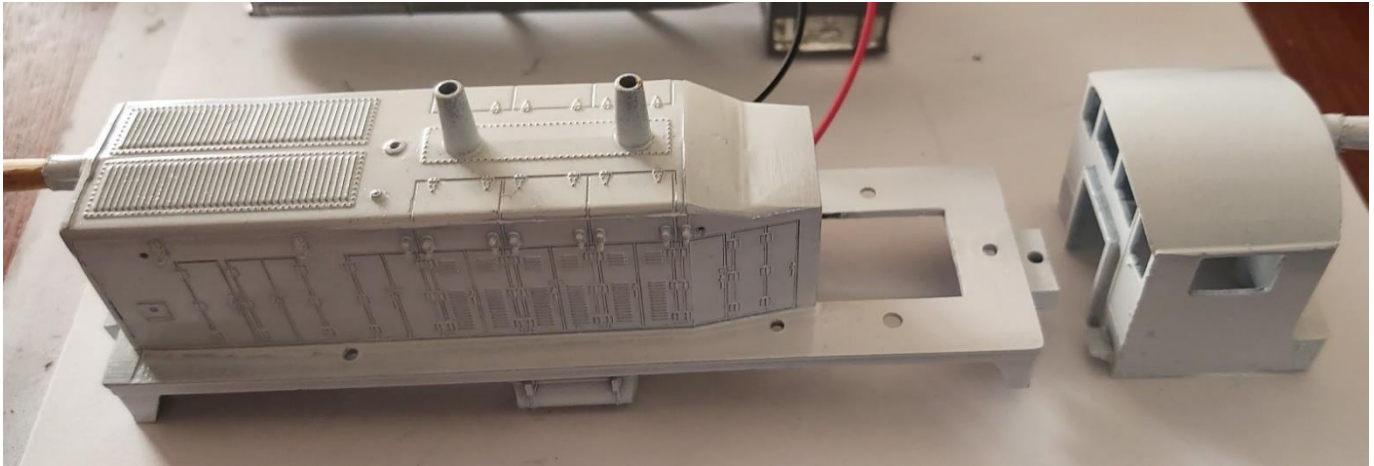
Lower left: Front lights (would have been nice to Open up those numbers boards for lights)



Upper right: Rear lights under test using a KEMO Germany #M087 LED-TESTER very handy to test intensity before during & after instillation, those plastic sticks, ideal for holding the LED wires, are recycled micro brush eye liner applicators with the used swabs removed (from cleaning out areas of excess oil / grease or the application / removal of oil / grease) these come in various colours & sizes 1 to 2.5 mm

A primer test on another project, being a Varney metal shell with Rust-oleum 2X gloss white paint from a spray can, the weather conditions have to be right, recommend to use outside as the vapours are also overpowering with no wind, recommended 25 to 40 cm but I found 50 cm better as this paint is thin and exits the nozzle at an alarming rate so distance as movement along the body for an even as possible coverage, Chop sticks through the light cowls ideal for holding as turning over. 20 minutes touch dry depending on conditions apply second coat within 1 hour or after 48 hours, pays to read those instructions.

First coat covered very well, second coat far better.



There is always a learning curve, where a test spray on a plastic caboose also worked ok.

More to follow as time allows

BLOG SPOTS:

Brad HINTON: Armchair Modeller Down Under <https://armchairmodellerdownunder.blogspot.com/>

George SAISANIS : **G train 79** Flickr Page <https://www.flickr.com/photos/81747760@N05>

YouTube Channel <https://www.youtube.com/channel/UCOVIQSPaJU9S4QQTq-XY6AA>

David LOW: <https://35scalemodellersdownunder.blogspot.com/> is mainly about 1:35 scale modelling however the main stories right now are about German railway locomotives and wagons.

Rob NESBITT: <http://buildingwagga.blogspot.com/>

Martin CANTEROS Paz : <https://www.youtube.com/watch?v=fvsQAh156ms&feature=share>

The name of the channel is Union Pacific Snowy Valleys Division also have videos of n scale and ho scale models.

David VIRGO: YouTube video of the moving model: <https://youtu.be/sqF25rYiNCo>

FOR SALE, WANTED & FREEBIES

Stephe JITTS:

WALTHERS Cornerstone HO Vintage Motor Hotel with Office & Restaurant new in wrapper \$125.00 or offer



FREEBIES.

VHS USA cab rides, Robin FOSTER. Narrow gauge & Short line gazettes Rob NESBITT



The last say.

Austerity Frugal & Recycle.

Remember and adhere to those ~COVID-19~ restrictions.

The Radio spectrum frequency: There will always be some debate to the allocations of frequencies for various users, Industrial, Scientific & Medical (ISM). Frequencies are agreed to and allocated to specific areas for the Northern & Southern hemispheres where items manufactured may not always be 'compliant' for what they are intended, in short OK for one area not for the other. Going back to my early days of 27 MHz CB radio there was rules as to the allocation of frequencies for 23 channels (latter reduced to 18) where the US CB's were 'imported' having 40 channel frequency for Upper Side band & Lower Side band (USB /LSB). Amateur Radio was also having changes to their frequency allocations where 'harmonics' were interfering with other services (ISM). There was a change to Commercial Radio Stations in the 1970's having to 'offset' by a few Kc owing to the earths magnetism shift. So, what is all this fuss on frequencies, the usage of Wi-Fi in the 21st century for the increase of spectrum usage for Mobile phones.

Hobbies such as Radio-controlled Planes Trains Automobiles & now Drones being affected to limits to type of frequency, wattage & line of sight for safety & operating, so it is there-fore a matter for one's concern to, act within the law & apply common sense at this stage.

It may seem like 'a storm in a teacup' but the ramifications can be quiet devastating if nothing is done to address & to have correct legislation for legitimate use of the spectrum for our use for Wi-Fi.

For those presenting Show-n-tell articles at meetings, I would request some assistance, if so requested, for any photographs & a quick description by email and for those who cannot attend are always welcome so continue to 'BLING' my inbox especially on those 'home' projects

There are many Achievement Awards in the Region to be gained, details are set out on the NRMA site <https://www.nmra.org.au/awards/awards.html>, go for them.

There is a Div 2 Meeting is on Saturday 21 November starting 1300 at Old LINTON YASS looking forward to seeing you there so bring along those show-n-tells or a talk presentation.

Keep on training.

Robin.

There is a Division 2 Hosted meeting 21 NOVEMBER 2020 at Stephe's residence Old LINTON YASS NSW start 1300 please advise if attending or apology.

To comply with current COVID-19 rules the meeting will be limited to 20 members.

2021: a year yet to be determined for scheduled events.

The FLIMSY contact robinfooster@iinet.net.au