

## TECHNICAL Supplement – Part 2

By Harry

Part. 1 took us to the stage where the main parts are cut out with stonework scribed into a thin skin of no-nails (or pollyfilla). It now requires a design decision - are the 5 recesses going to have the rear stonework faces set right back at a uniform depth, or alternatively have them flush with the front stonework at the bottom and angled inwards towards the upper top arch. I have decided to make this one angled - this would also be the way to construct a dam face with sloping spillways if you needed such a thing.

Photo 1: Cut paper strips for the arch sides and try for size, then glue in place.



Photo 2: Prop top of archway stonework to the chosen angle and glue in place.



Photo 3: When all arches are complete, trim paper sides and bodge any gaps with filler.



Photo 4: Turn over & tidy the front with a light touch using a small half round file.



Photo 5: Finally paint and then fit to the layout.



Painting - I normally use an aerosol can of grey car primer followed by weathering if needed.

However I had run out of spray paint and the only grey was some dregs of grey wood primer found in the garage. Underneath a few things! I still had some white spray primer so ended up using a thin coat of that followed by an application of very fine light dabs of nearly dry grey. A slow process - when we eventually get back to the clubroom I will be able to compare it with the stonework on the Metcalfe 12 arch viaduct - if it doesn't match I will buy an aerosol grey and re-paint it.

The attraction of this method is that throwing an unacceptable item away and starting again is not expensive -this abutment cost about 50p or ten shillings in real money.

Do give it a try, it is very creative and enjoyable.

Harry