

# **CONTRARIUS PASSING**

**Contrarius Passing is designed to give an impression of large scale American Railroading. Passenger trains are broadly representative of the original in terms of length. Freight trains are less than half the length of the prototype.**

**In technology terms, the layout is Digitrax based using radio throttles. The command station is a DCS100 with 2 DB150 boosters to provide three power districts (2 for track, 1 for accessories) all protected by DCC Specialities PSX circuit breakers. Point control is undertaken using MERG and Lenz LS150 decoders driving PECO point motors. The signals are managed using CML Electronics SIGM20s and Digitrax DB4 block occupancy detectors. Tam Valley Frog Juicers are used to manage frog polarity in some places with micro-switches elsewhere. A start is being made to use Railroad & Co to help automate routing and locomotive management. Currently this is achieved with Decoder Pro.**

**The track is all PECO, Code 55 at the front and Code 80 in the staging area.**

**The motive power is primarily KATO or ATLAS plus Athearn, Bachmann and InterMountain. The passenger cars are almost entirely KATO. Just about every manufacturer is represented in the goods stock, the vast majority of which have been retro-fitted with Micro-Trains trucks.**

**The buildings are a mix of Walthers, DPM and Atlas kits.**