

[BRP 1.2.1.1] Bantrak Preferred module width is eighteen inches (18").

[BRP 1.2.3.1] Bantrak allows for legs to have metal bottoms (such as Eye-Bolts, or Carriage Bolts)

[BRP 1.4.3.1] All fascia, module frames (including ends) and legs will be painted flat black as per BANTRAK standard.

[BRP 1.4.4.1] Skirting will be optional for BANTRAK sponsored events/setup.

[BRP 2.1.1] Atlas Code 55 track is the standard. Micro-Engineering Code 55 track is an acceptable alternative. PECO Code 55 track is not allowed.

[BRP 2.5.1] First 3 inches of roadbed from the end of the module will be 1/8 inch thick basswood, firmly glued to the module endplate.

[RP 2.6.1] Multiple track endplates shall use 1.125" spacing. Other spacing may be used to accommodate prototypical variance with proper coordination within the community, or when a transition to single main or 1.125" spacing is provided.

[BRP 2.6.1.1] Bantrak FreemoN modules are recommended to be double track mainline (which is more prototypical on the east coast). The double track main line should be spaced at 1.125 (1 1/8) inches center of track to center of track, centered on the end of the module.

[BRP 2.7.1] The first 1/2 inch of track will be soldered to pcb ties that are firmly glued to the basswood roadbed.

[BRP 3.1.1] Modules should not implement train detection and or signaling.

[BRP 3.2.1.1] Turnouts should be manually controlled and accessible from either side of the module.

[BRP 3.3.3.1.1] Single Track modules will implement a single track bus consisting of a red/black pair of 30 Amp Anderson Powerpole connectors.

[BRP 3.3.3.1.2] Double Track modules will implement two independent track buses consisting of a red/black pair of 30 Amp Anderson Powerpole connectors on one bus and a yellow/black pair of 30 Amp Anderson Powerpole connectors for the second track bus. The side of the module with the yellow/black track bus must have a marking on the fascia of a yellow dot.

[BRP 3.4.2.1.1] Modules will implement an accessory bus consisting of a brown/black pair of 30 Amp Anderson Powerpole connectors.

[BRP 3.5.2.3] Digitrax UP5 are the preferred jack option for module facia.

[BRP 4.1.1] Ballast – Ballast for the main line will be Scenic Express Blended Ballast #50 (SE0363). Sidings should use either the standard mainline ballast, or ballast appropriate for the industry being serviced

[BRP 4.1.2] Era – The default era is the present. Scenery should be “era neutral” if possible, with signs and billboards appropriate to a wide timeframe and vehicles being removable, to allow maximum flexibility in layout design and operation.

[BRP 4.1.3] Scenery Colors – Foliage and ground cover colors should reflect a “late summer” (August/September) timeframe, featuring colors like light green, yellow grass, burnt grass (Woodland Scenics), and late summer (Scenic Express). Dark and bright green should be avoided, except in specialized areas. Snow is prohibited. The majority of trees should still be green, but a smaller percentage may have changed to fall colors (yellow, red, orange, or brown) to simulate “stressed” trees or early changers.

[BRP 4.1.4] All track will be painted a weathered track color (no shiny rails or plastic sleepers). Rail brown is the preferred color, but other colors are acceptable as long as they blend well.

[BRP 4.1.5] All modules should implement working lights (building lights, street lights, lighting effects) when applicable to support night time running. This also provides visual interest to viewers.