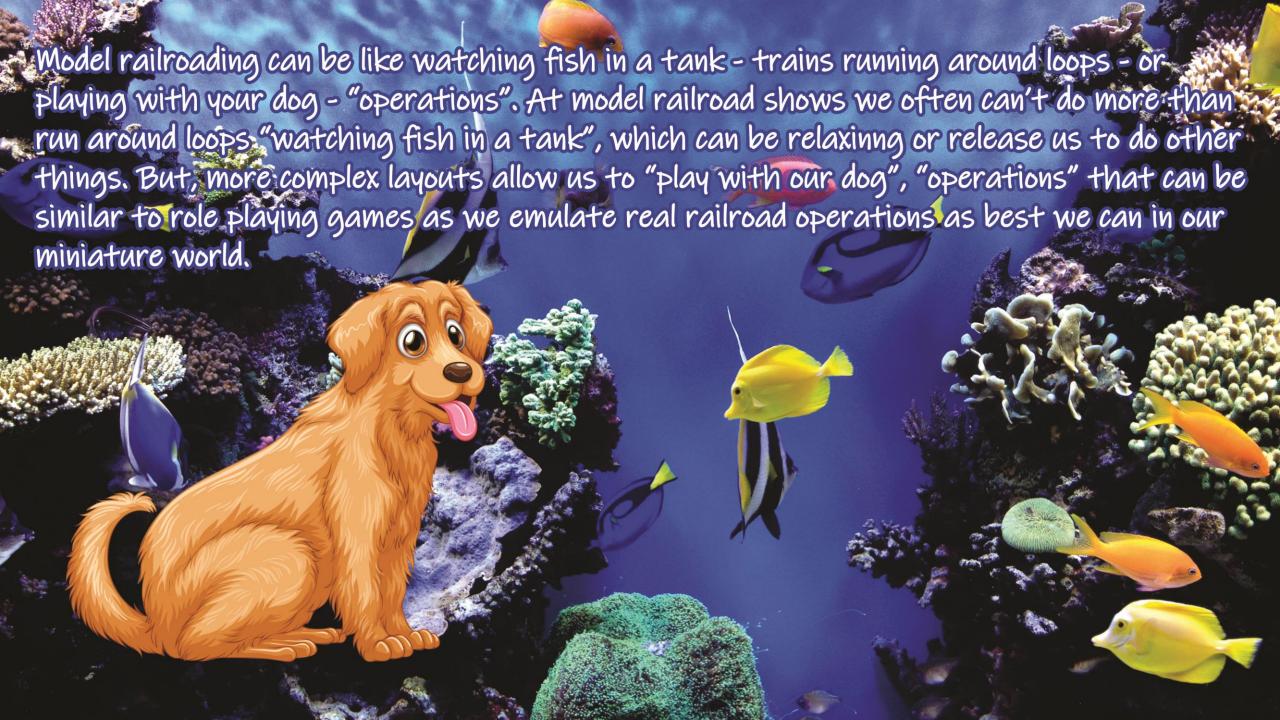
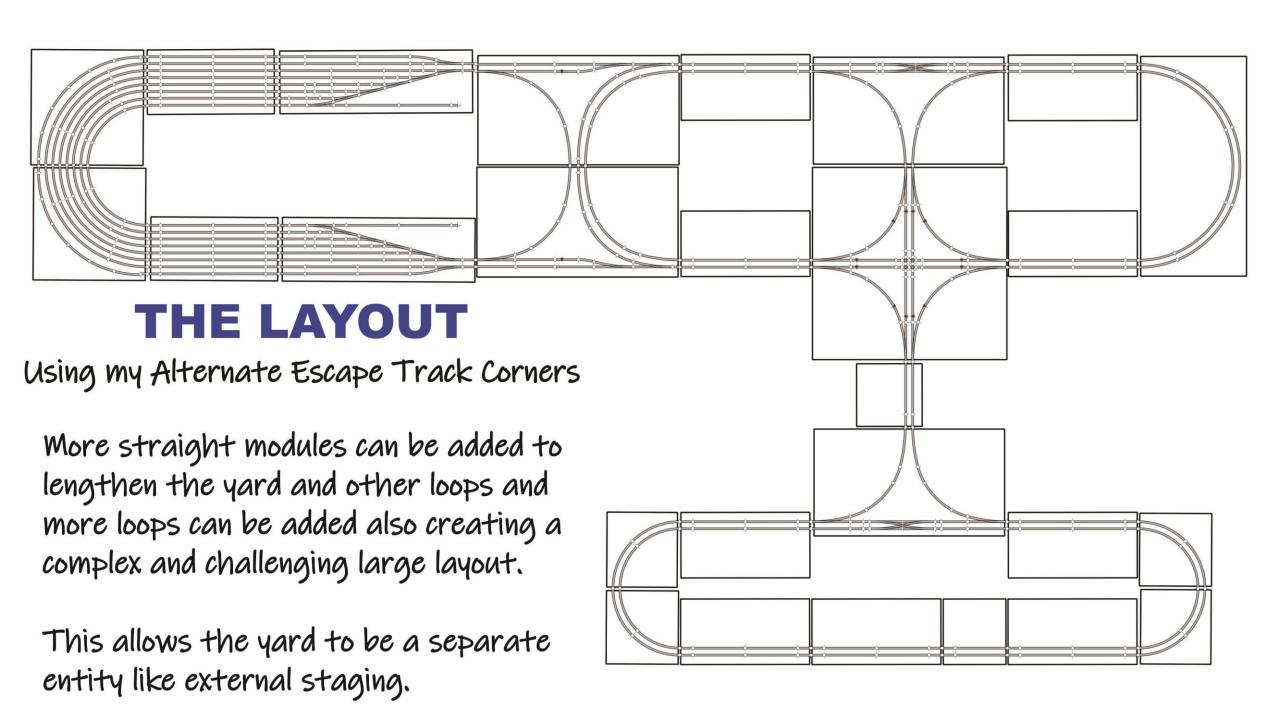
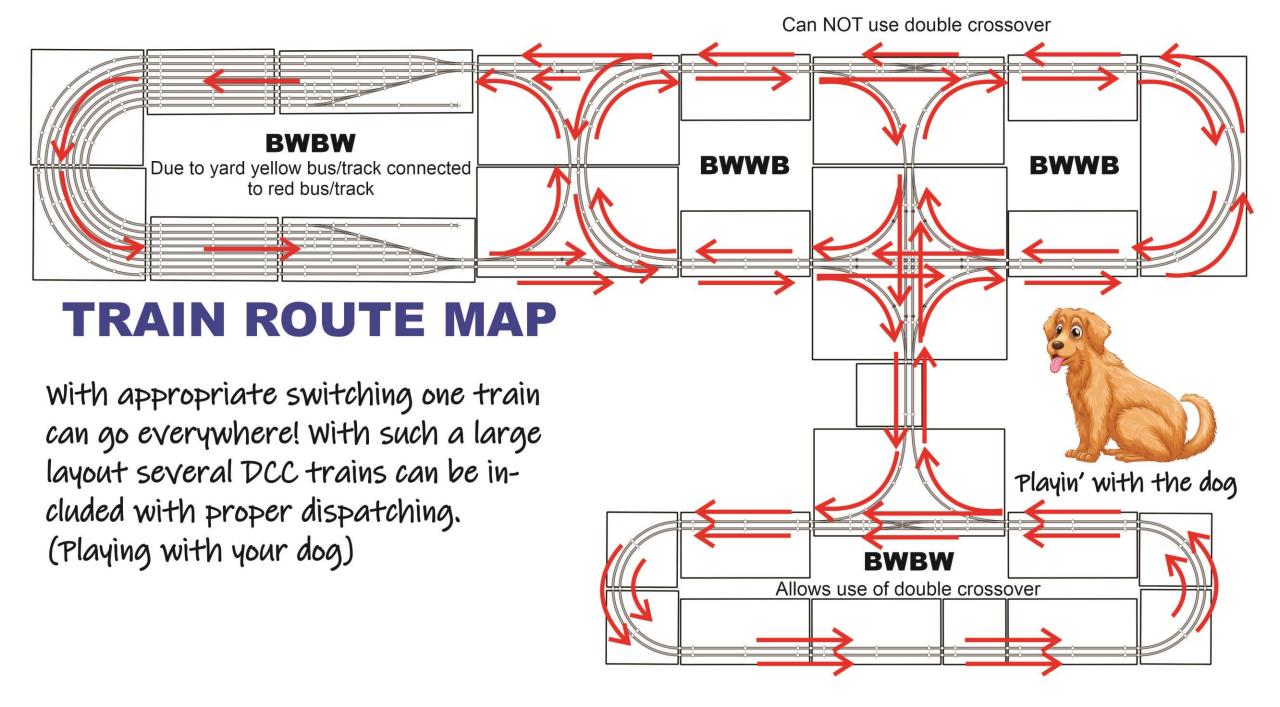


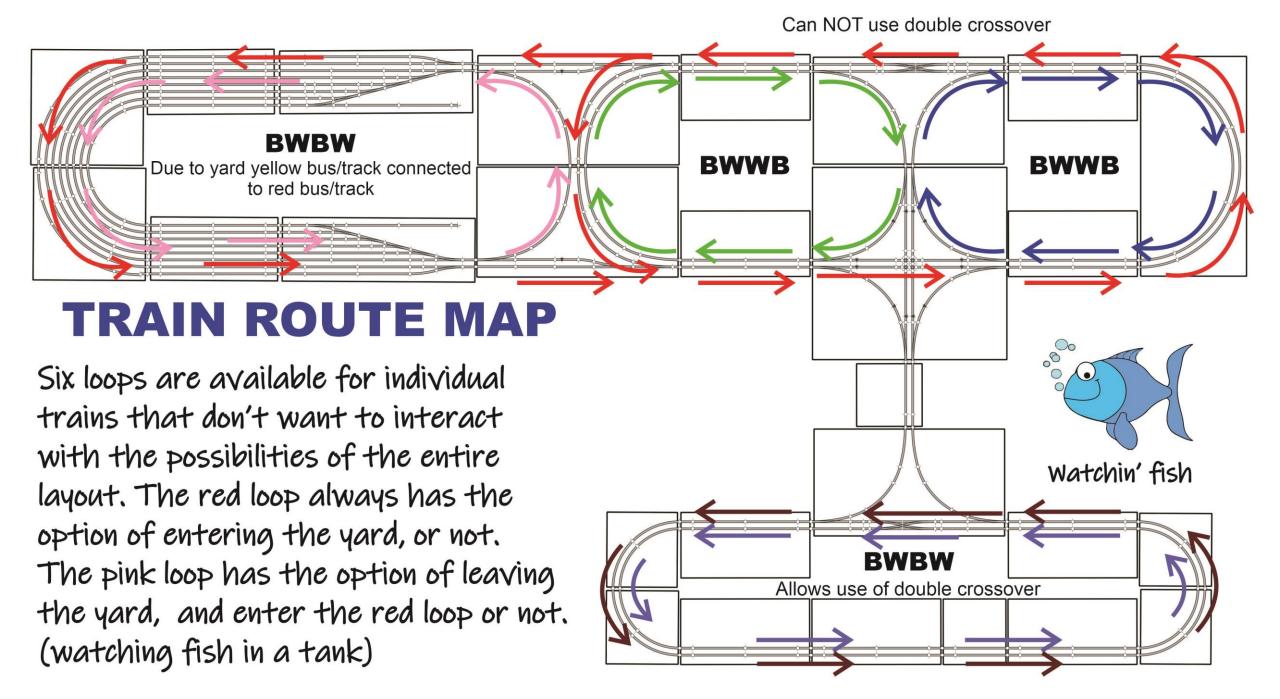
The crossing is controlled by two four pole double throw center "off" toggle switches on opposite corners for accessability. The indicating lights are powered by track power indicating which through route is "off". (These can be replaced with more prototypical signal lights at a later time if desired - but they might not be so easy to see!). The removable board is a "foot" allowing the module to stand on end without protruding track end damage.

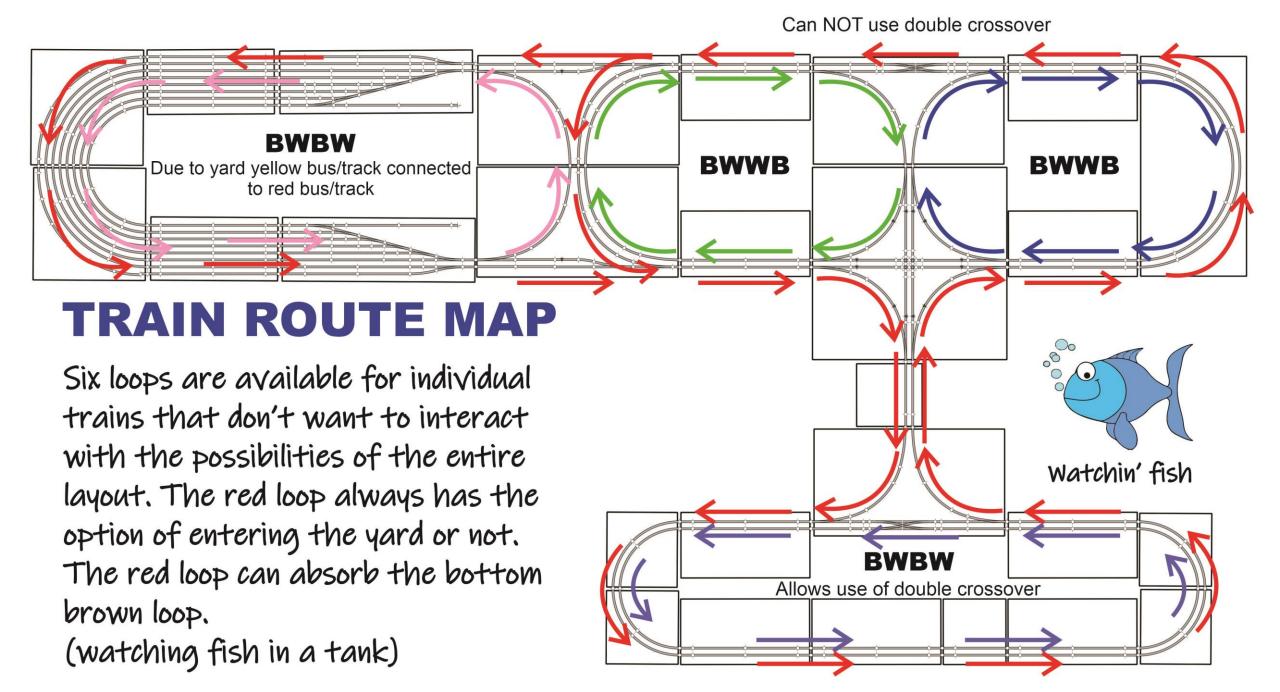


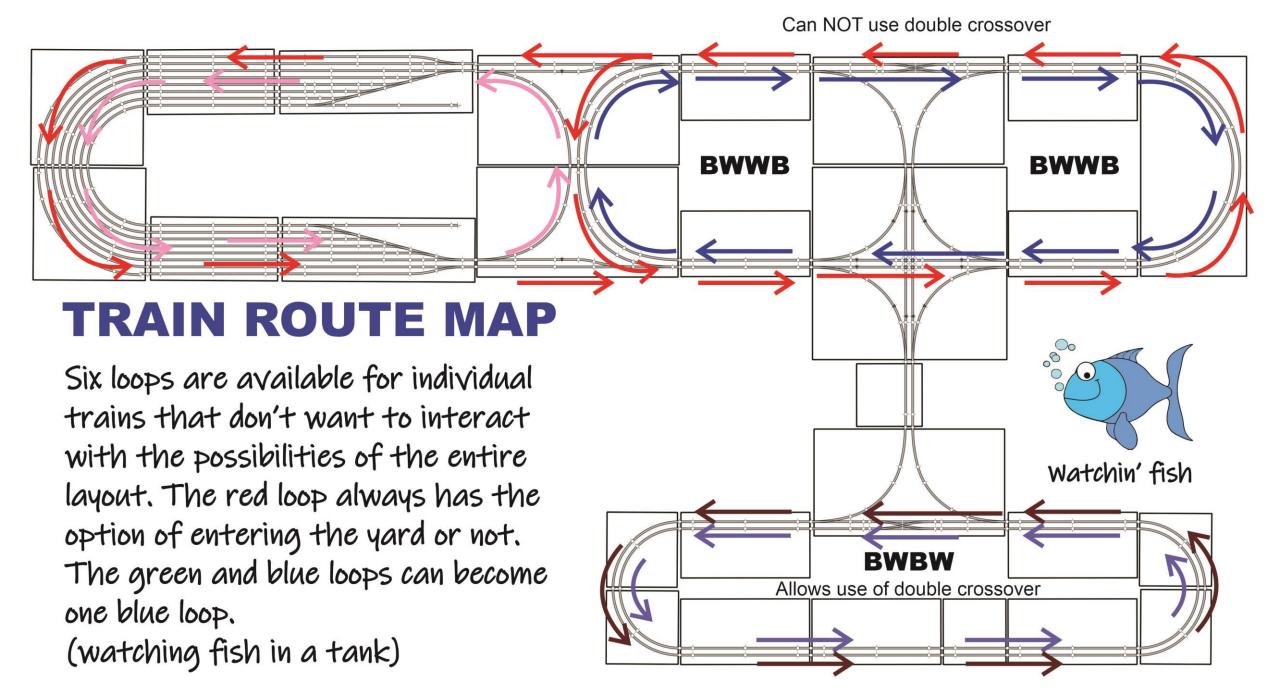


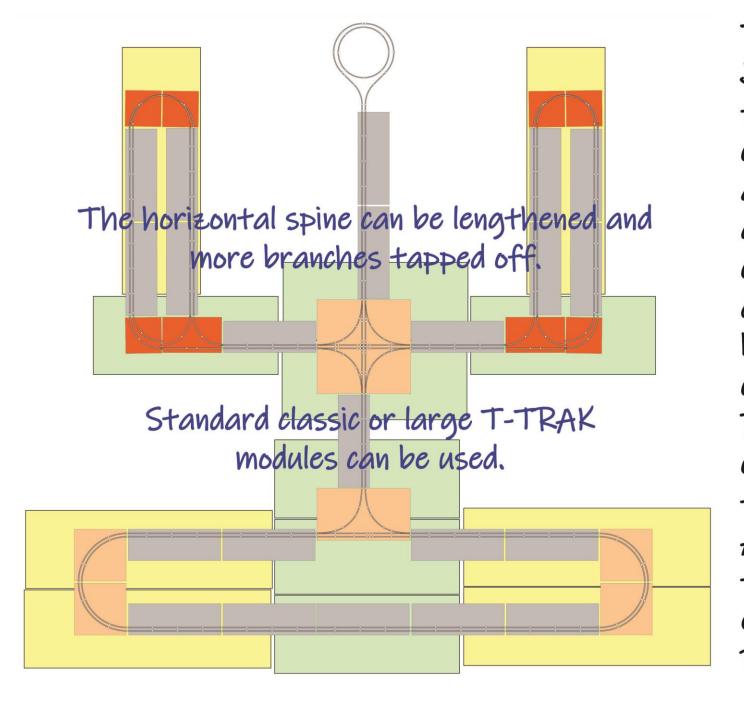








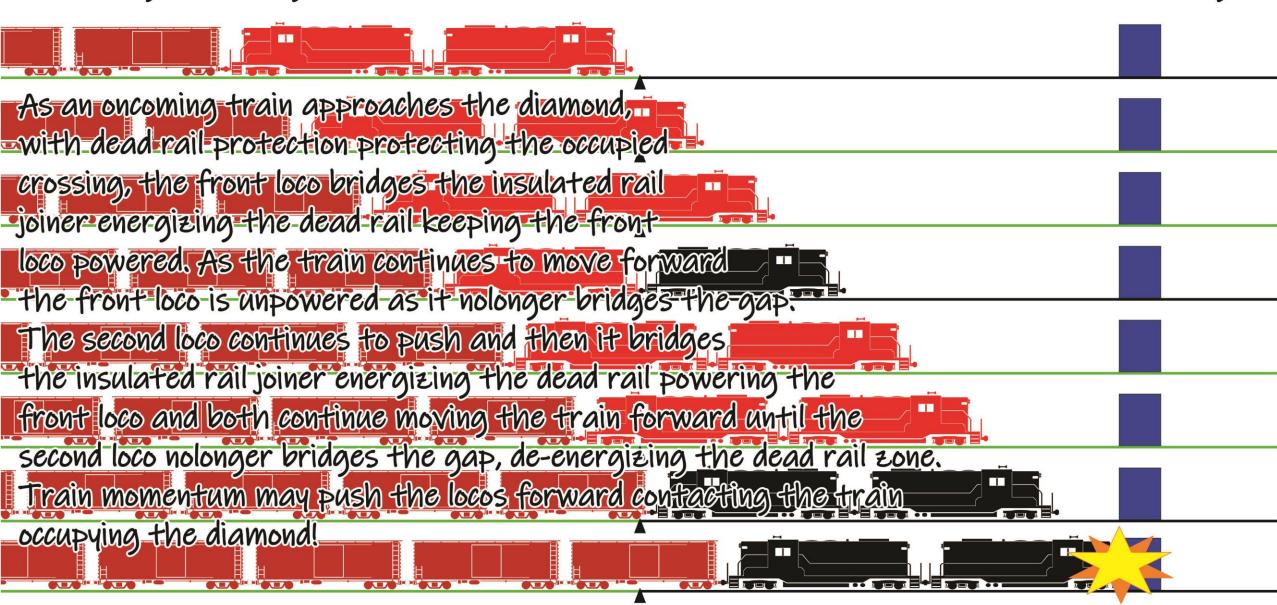




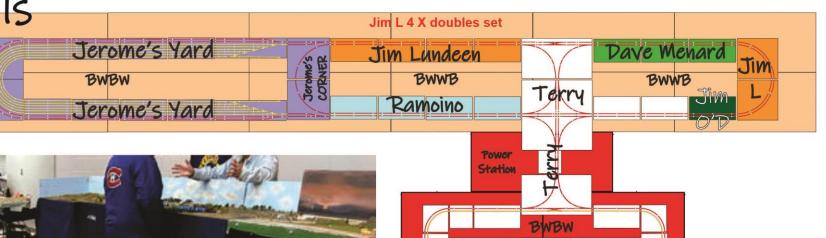
This is the reason for the Diamond Junction concept: to create an interface between 4 separate layouts of 4 independent displayers to allow them to showcase their own group or club and have the option of operating trains on their home display or travel the world provided by their fellow T-TRAKers. The outer loops of all branches, the Diamond Junction and the single rows of modules of the spines that join them all are supplied by the red bus. All branch inner loops would be on their own yellow bus and use the electrical supply of choice. (DC, DCC, BWWB or supply reversed BWBW)

## **Dead Rail Protection May Not Prevent Crashes!**

Depending on the length of the dead rail zone automatic or manual protection may not be enough!



The Thunder on Rails
T-TRAK layout





The Diamond Junction prototype in action. All we did was watch the fish but I did steal a train from the right loop to the left loop leaving a friend wondering where his train went! Now that the concept and build have been proven it's time for scenery!

erry



NRail's VP Andy Zimmerman couldn't wait for concept proofing so he built his own Diamond Junction. At over 3 X 3 feet he had plenty of scenic space shown nearing completion here.

