

Consider the Wye

Sandy Eustis

President,
Central Railway Museum

Chief Gandy Dancer,
Acadian Coast Eastern (ACE)



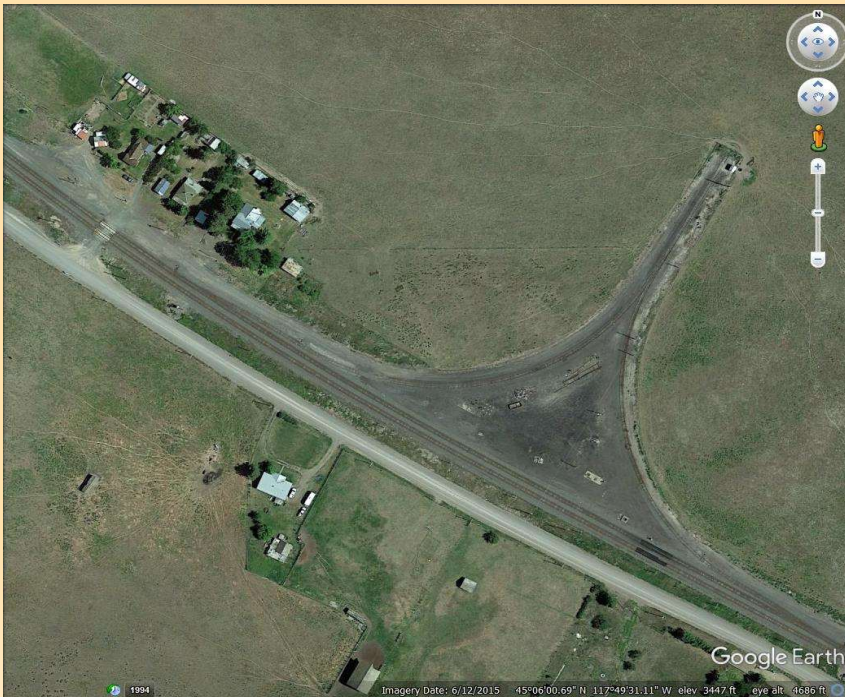
Why the Prototype Wye?

- To turn locomotives around
- To turn entire trains around
- To access a stub ended area
- To enhance efficient routing for three rail routes



Locomotive Turning Wyes

Standard Wye



Star Wye



Turning Passenger Trains

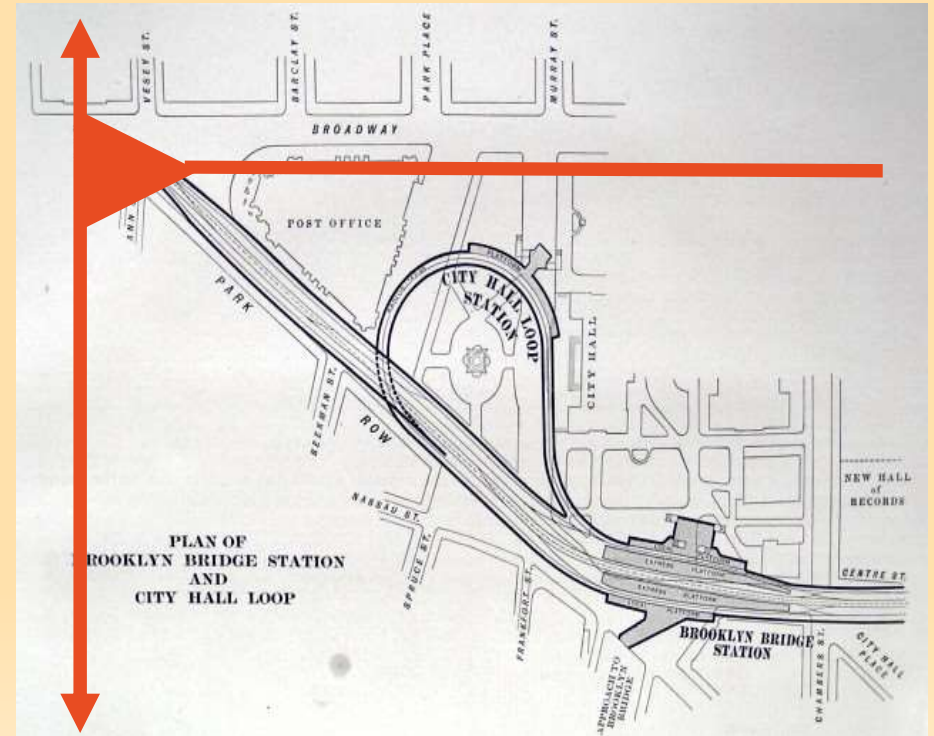
“Balloon” Tracks vs. Turning Wyes

Balloon Advantage:

- Lower Installation Cost (only 1 turnout)
- Lower Maintenance Cost
- Requires fewer tracks at terminal station.

Wye Advantage:

- Occupies less land: lower real estate cost.
- Can parallel existing highway grid: access.



Wyes to Access Stub Ended Areas

Chattanooga Union Terminal



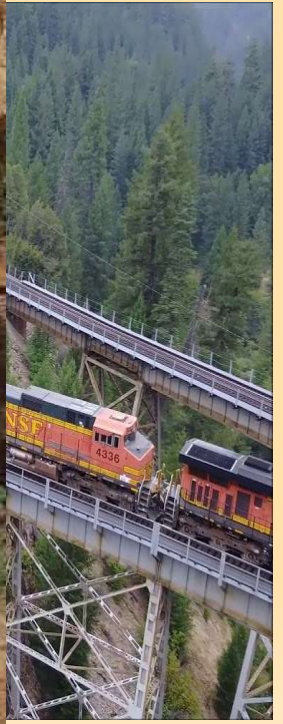
Oil City, Pa.



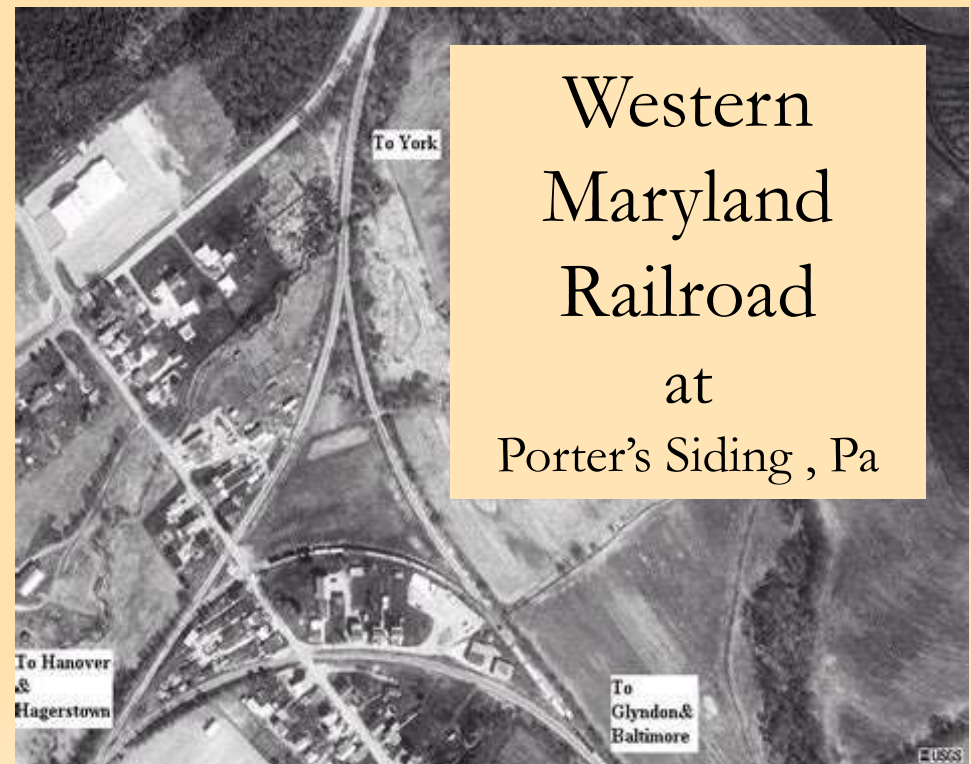
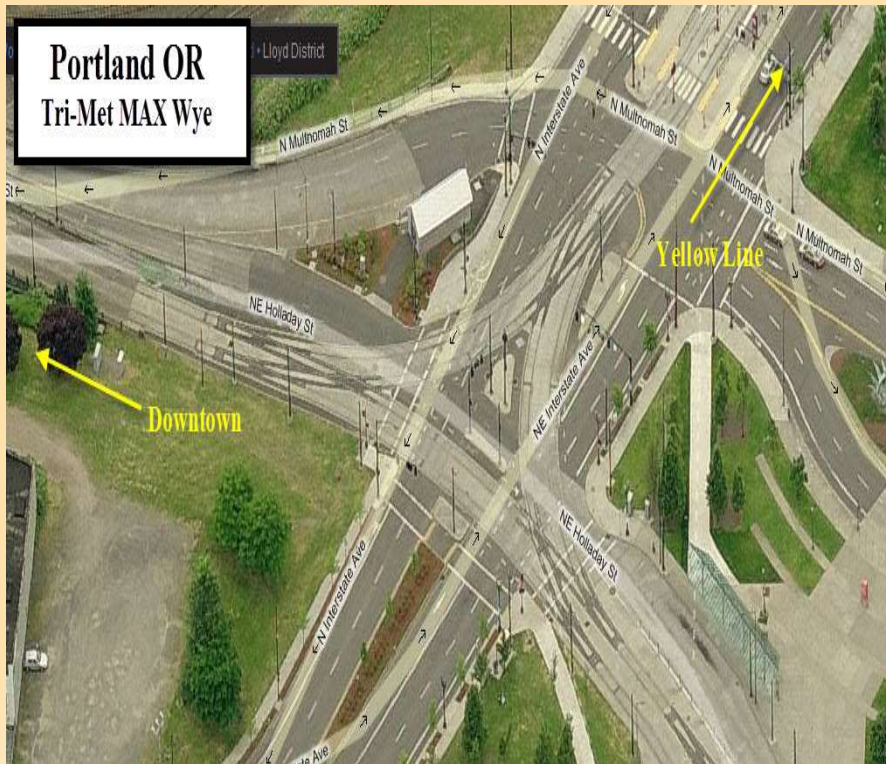
Routing Wyes: The UP's Keddie Wye

Branch (Bieber)

Main (Feather River Route)

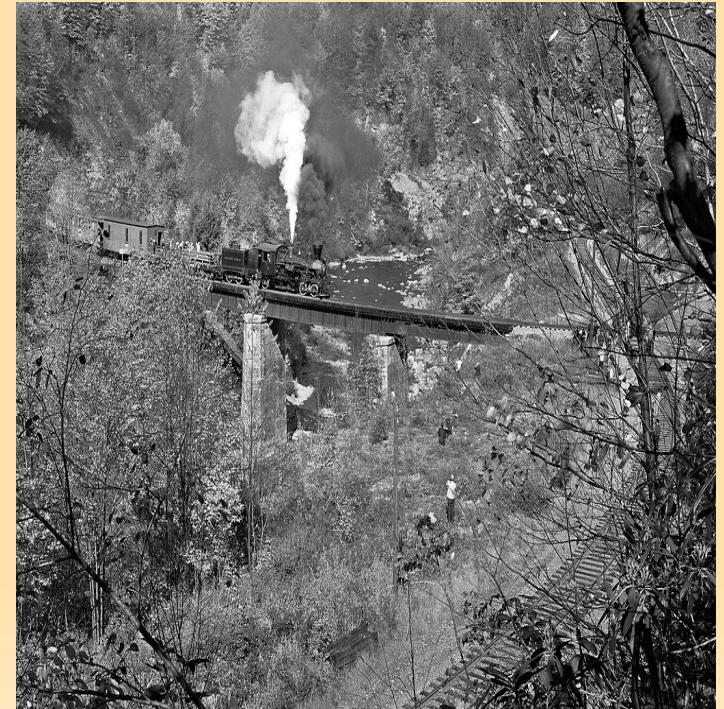
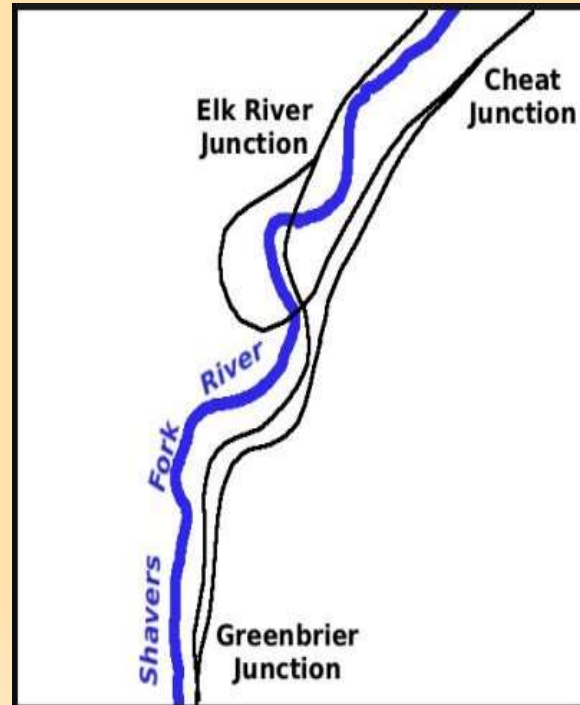
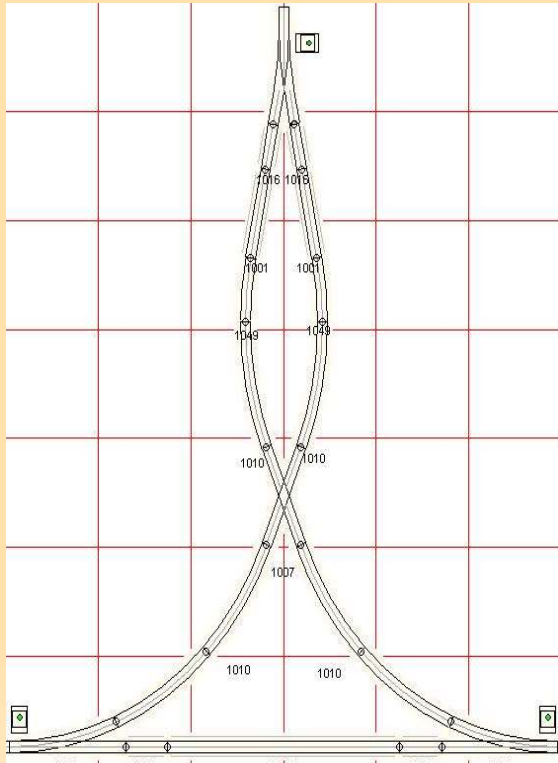


More Routing Wyes



The “Scissors” Wye

The Greenbrier, Cheat, and Elk joins the WM



Why the Model Railroad Wye

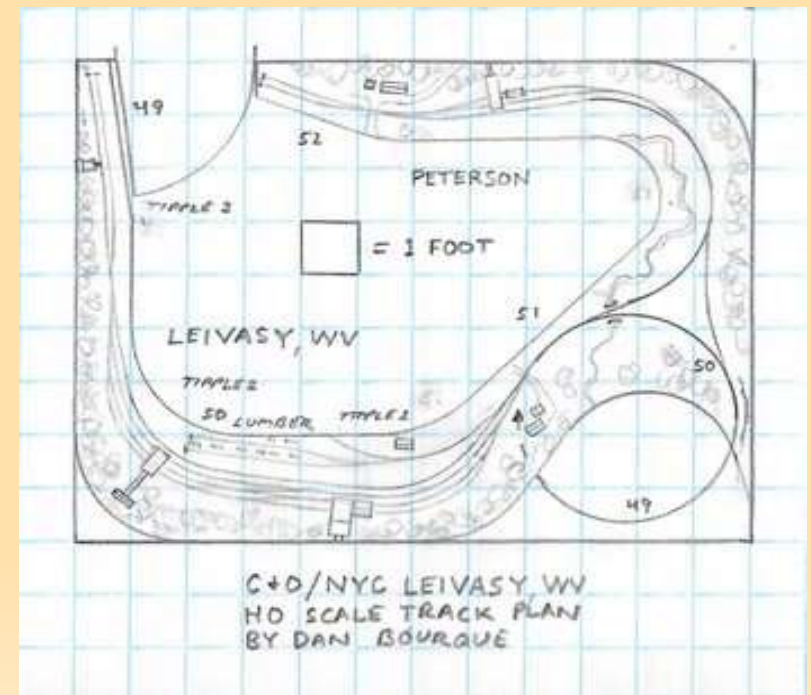
- Turning locomotives
- Efficient Routing
- Modeling the Prototype
- To create a switching puzzle



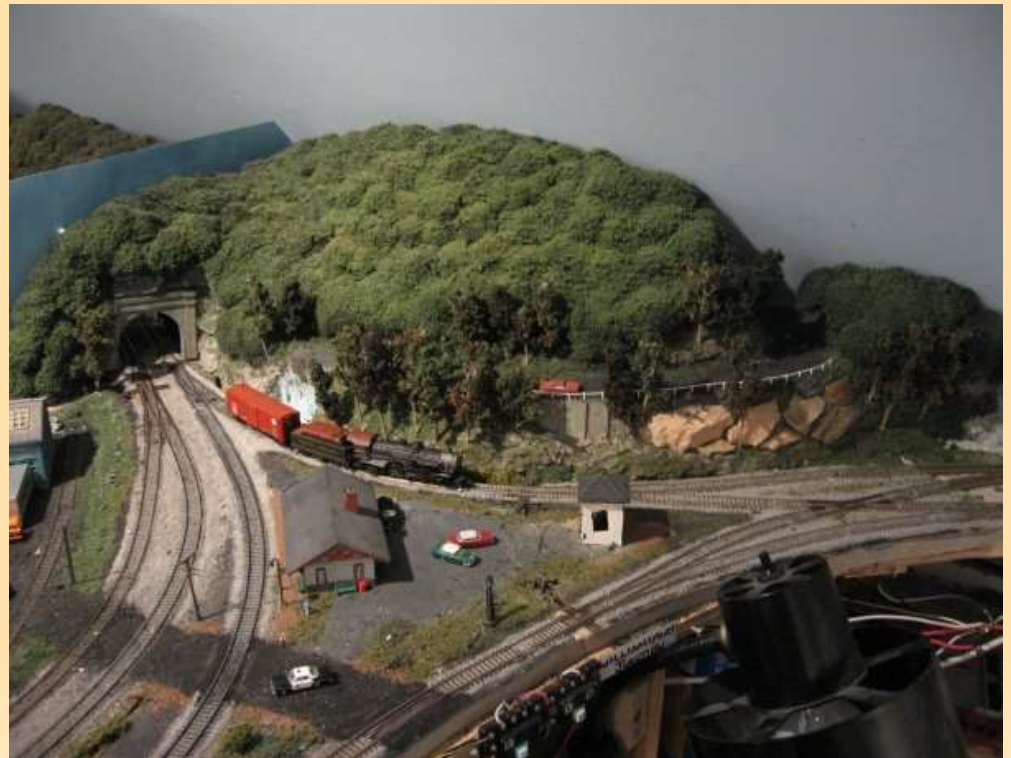
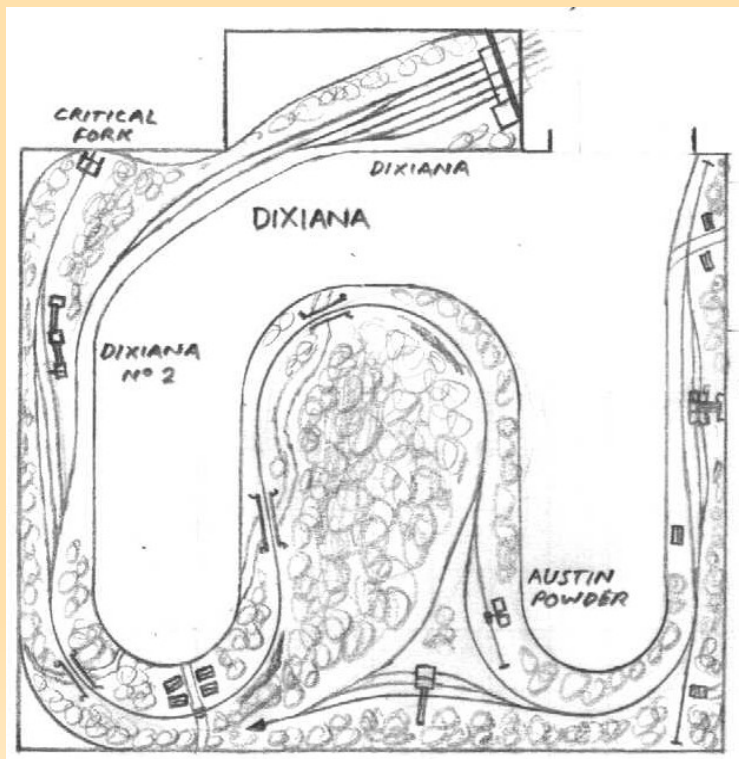
Corner Locations



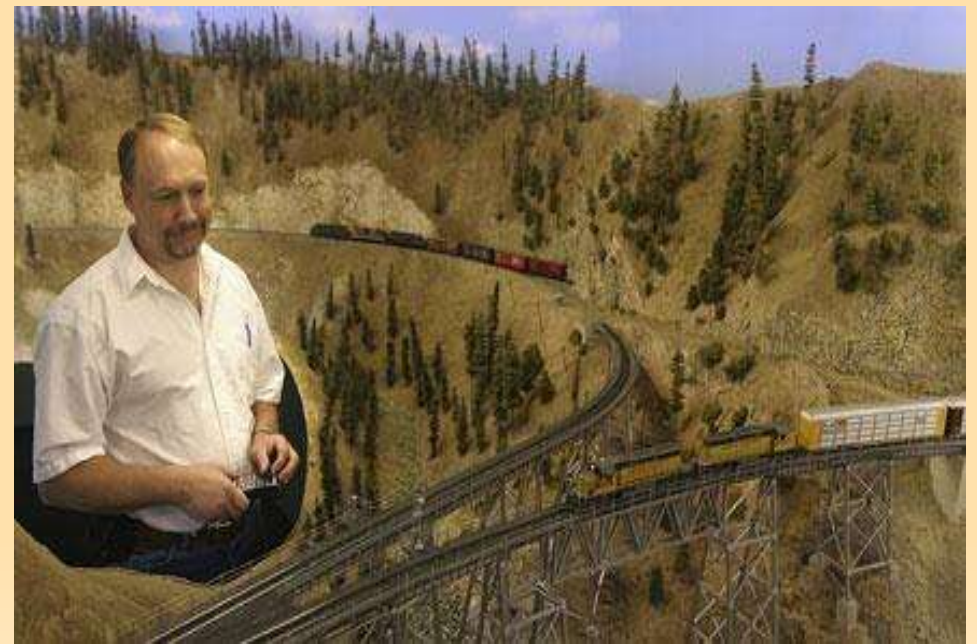
To Enter a Helix



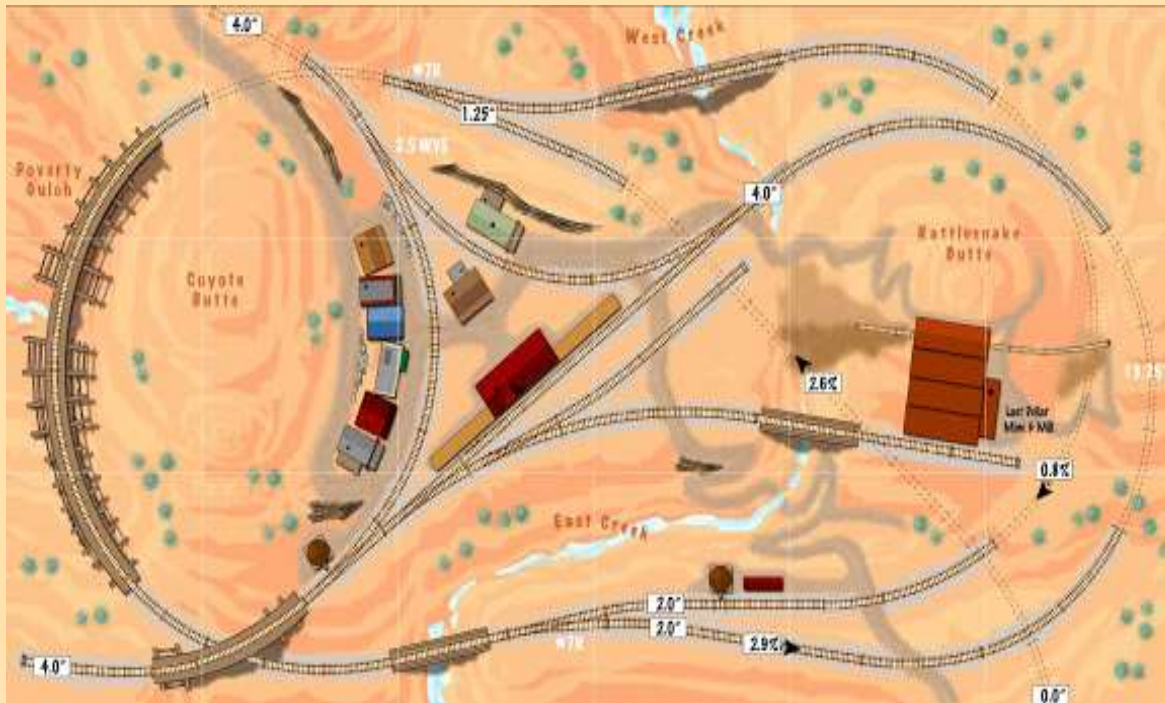
Base of Peninsula Locations



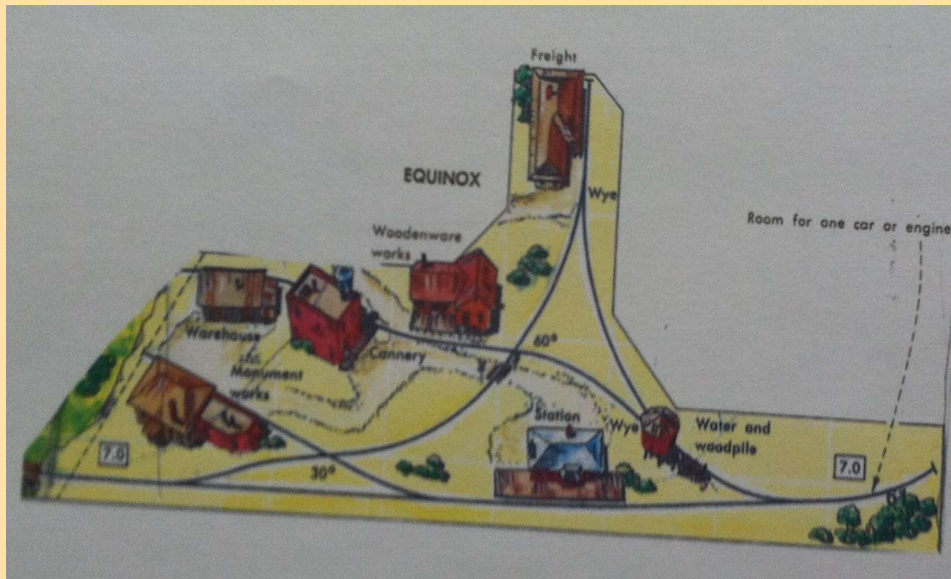
Modeling a Prototype Wye



A Simple Switching Puzzle Wye

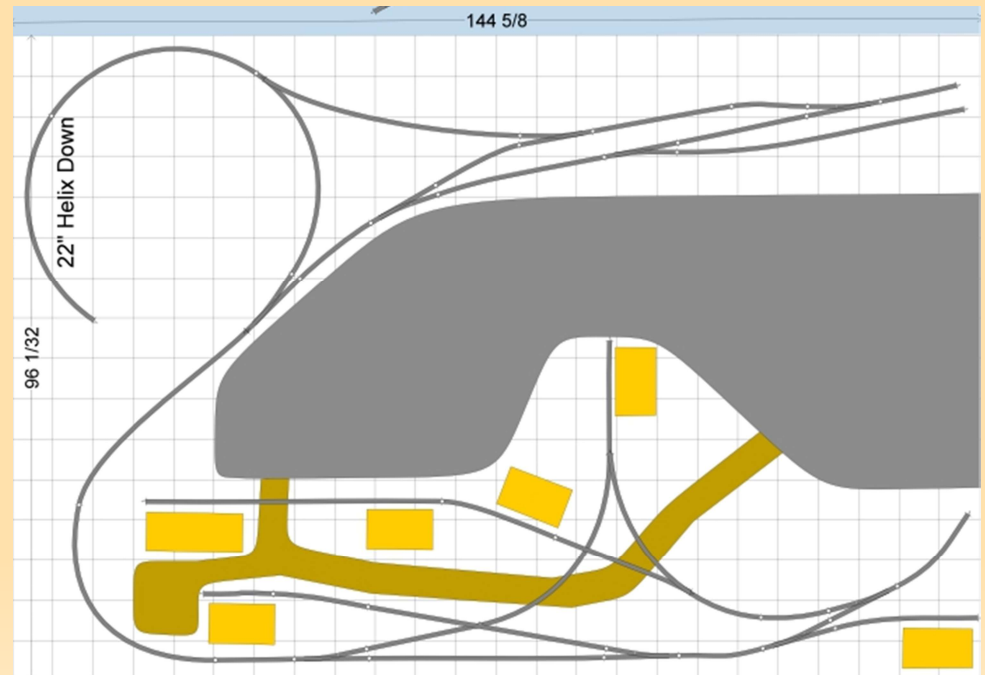


A Very Difficult Puzzle Wye

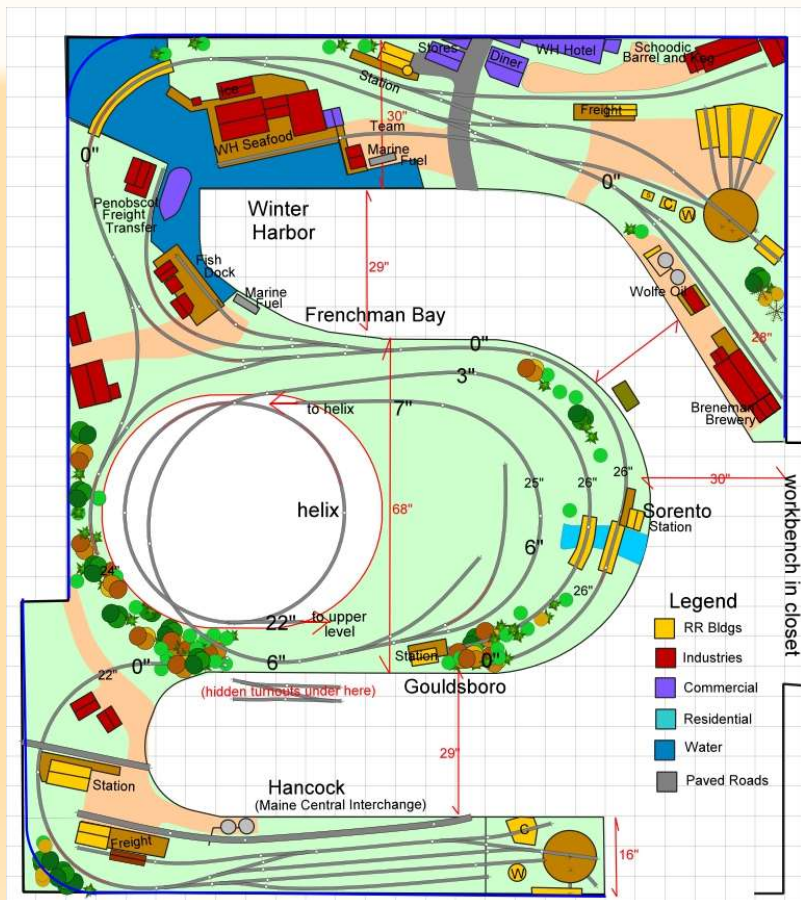


“Equinox”, on the Sagatuckett River RR plan by Robert Silas, Model Railroader, 1970s?

Adapting Equinox for On30 in 12' x 8'



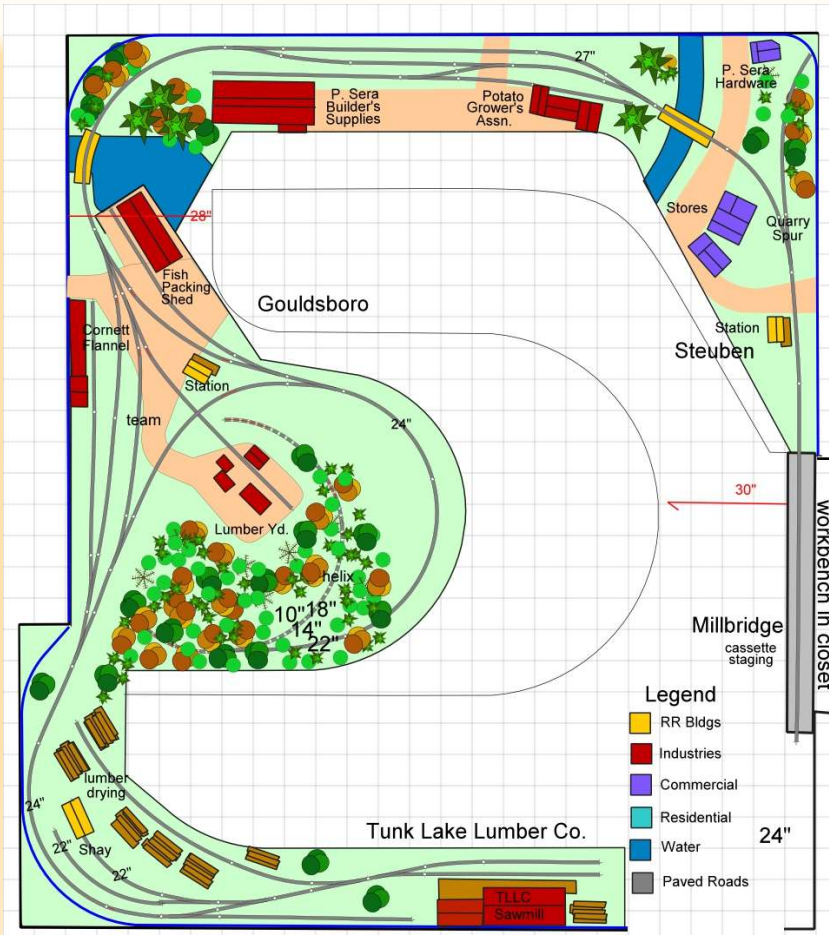
The Acadian Coast Eastern Wye(s)



More Lower Level ACE Pics



Upper Level Plan for the ACE



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Therefore.....

Please...

Consider the Wye!

