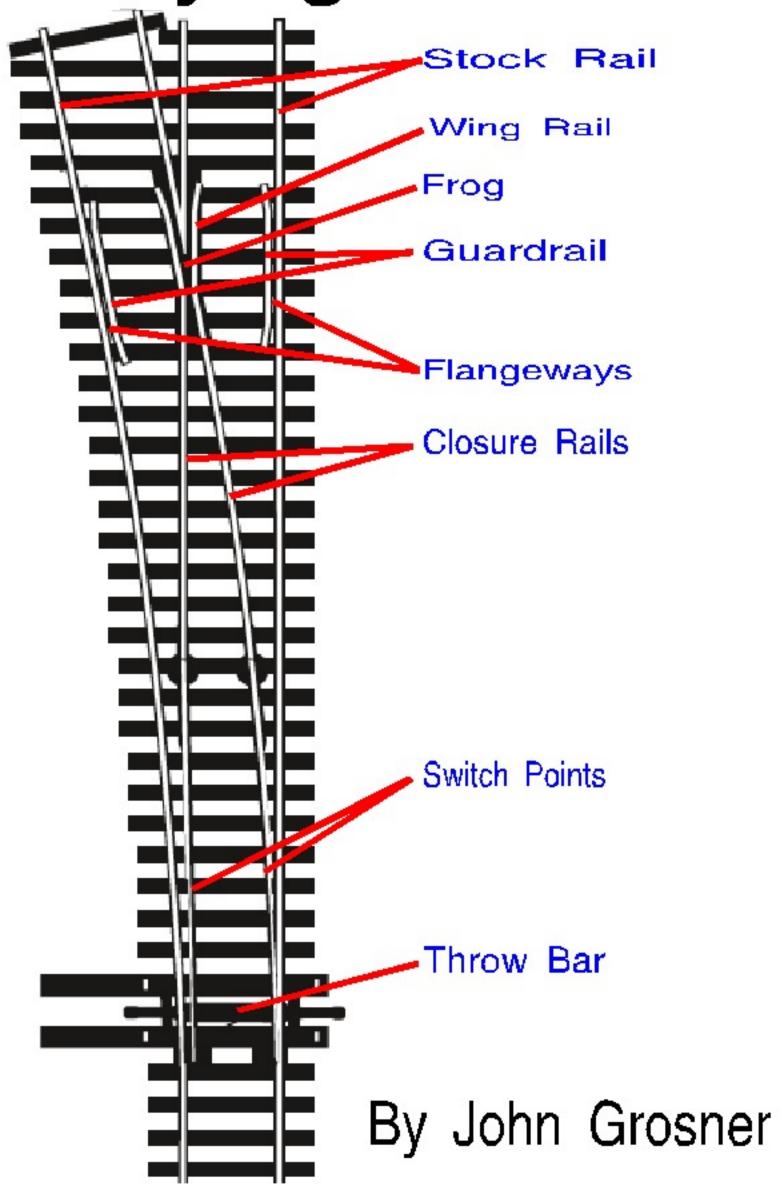
Handlaying Turnouts







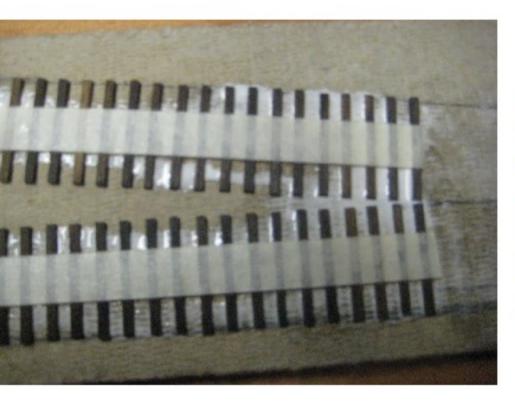
1/2" plywood w 1/2 homsote Taped ties from Rmax jig





Tie lines drawn White glue application

Regular ties in place





Closeup

Add weight





Switch ties in place Ties ready for ballast

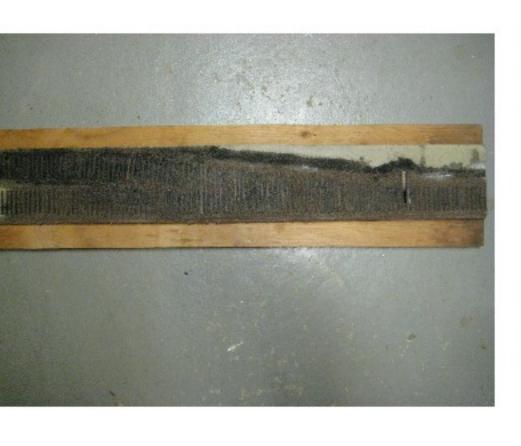


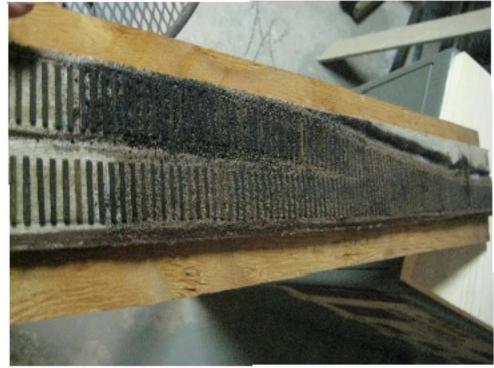


Drill & elongate throw bar hole

Bottom view

11





Ballasted

Mainline vs siding ballast





Another view

15

Rail sander





Stock rail w web removed Diverging rail spiked

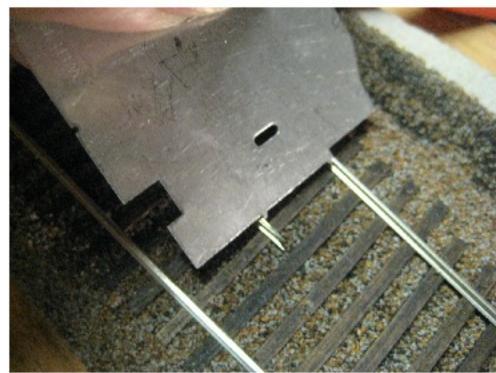




Through rail spiked Close-up of point area

20





Frog rail spiked w Rmax gauge

Determining end point of frog





Checking other side w NMRA guage

Frog complete





Temp closure rails spiked

Bend wing rail





Cut point the length & sand base off Install diverging closure & point rail





Drill hole for frog wire Drill holes for closure rails





Closure rail wiring

Frog wiring





Bottom view

Solder frog





File rail head even if needed

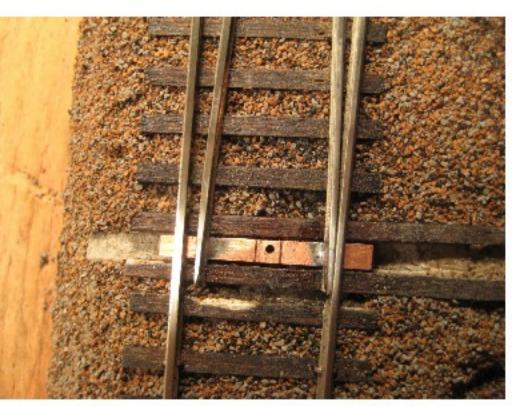
Cut flangeways w broken 4" piece of hacksaw blade 32 TPI

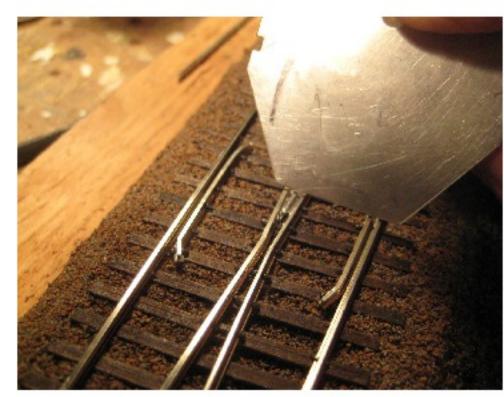




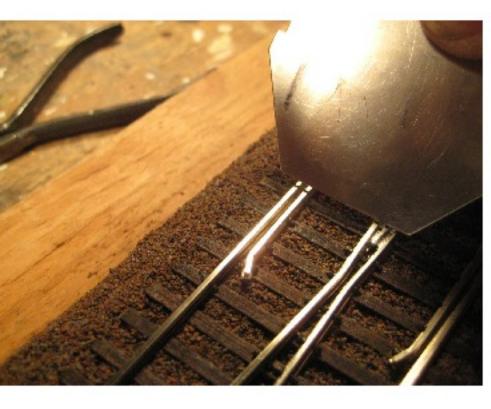
Finished frog

Prepare throwbar for soldering





Throw bar soldered to points Guard rail placement





More placement

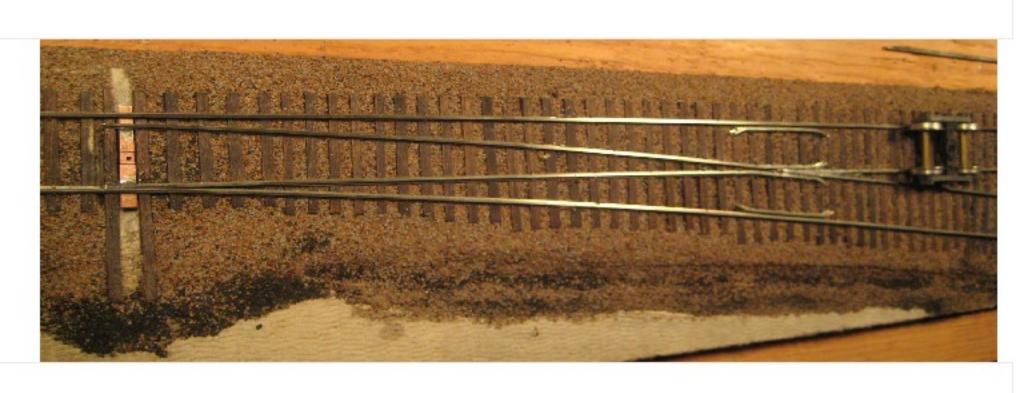
Guard rails spiked in place





Frog done

Points done



Finished, Turnout