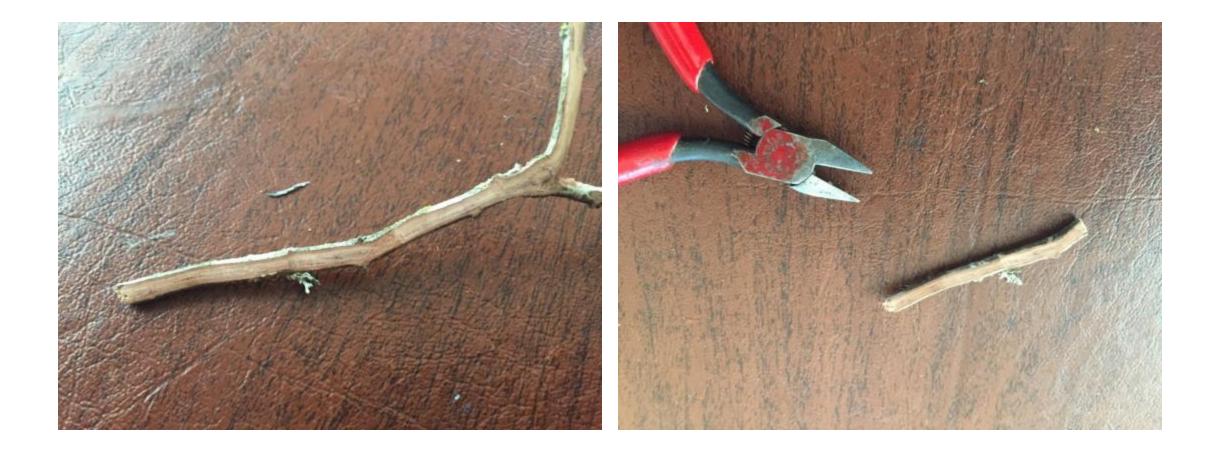


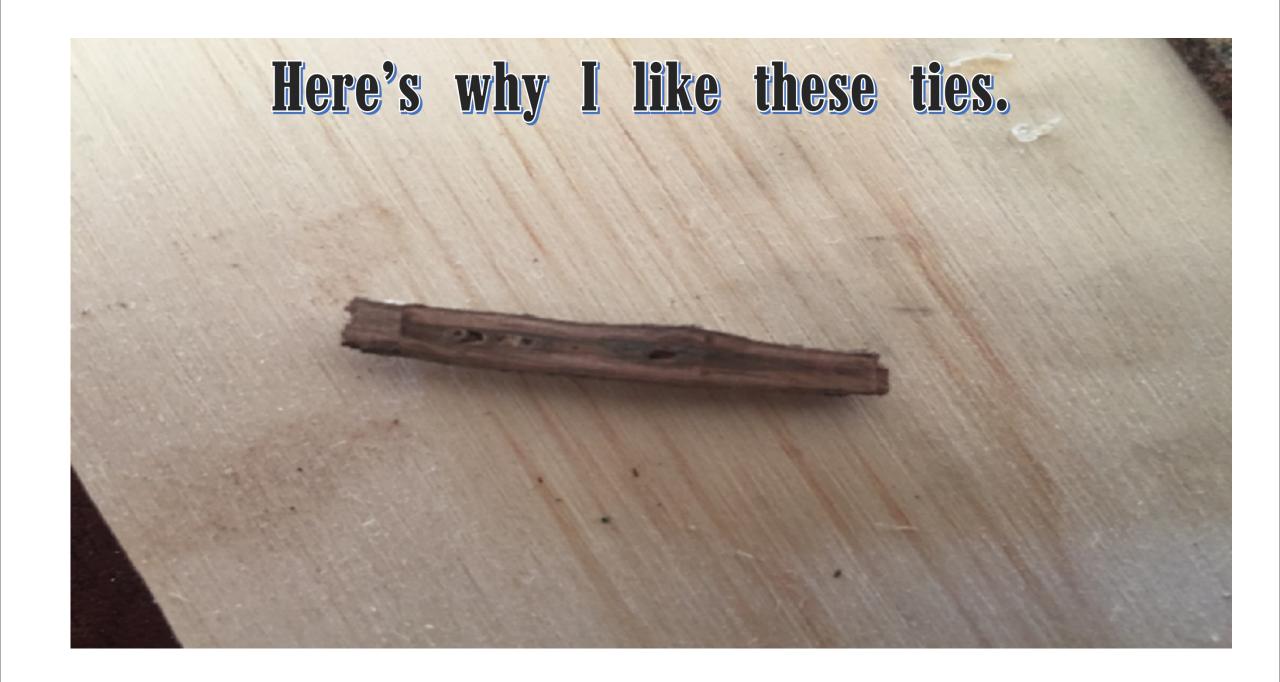


# Making the Ties



#### Flatten and Cut







# Laying the Ties













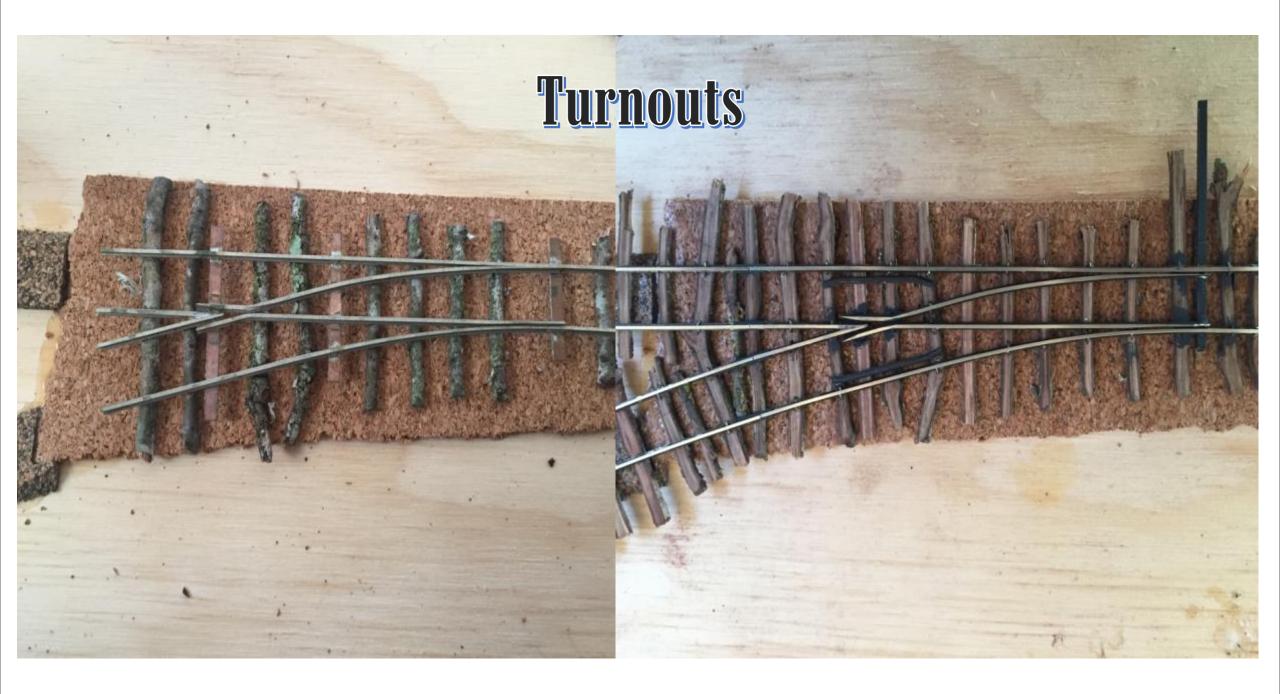


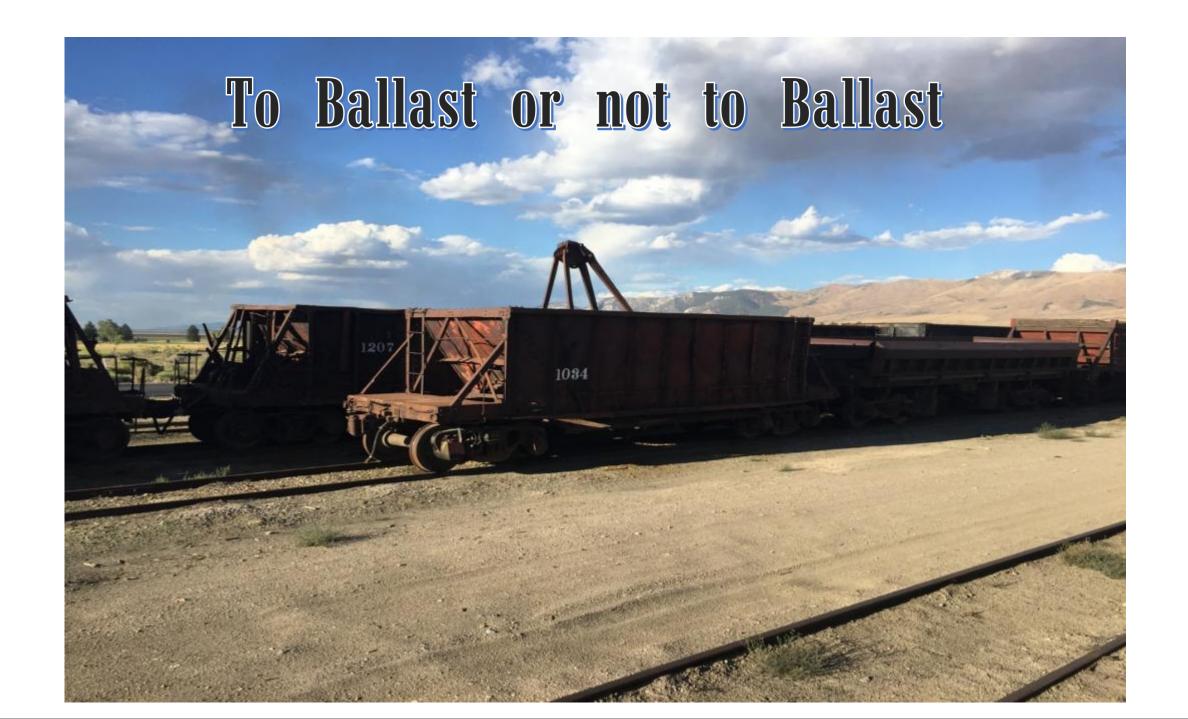




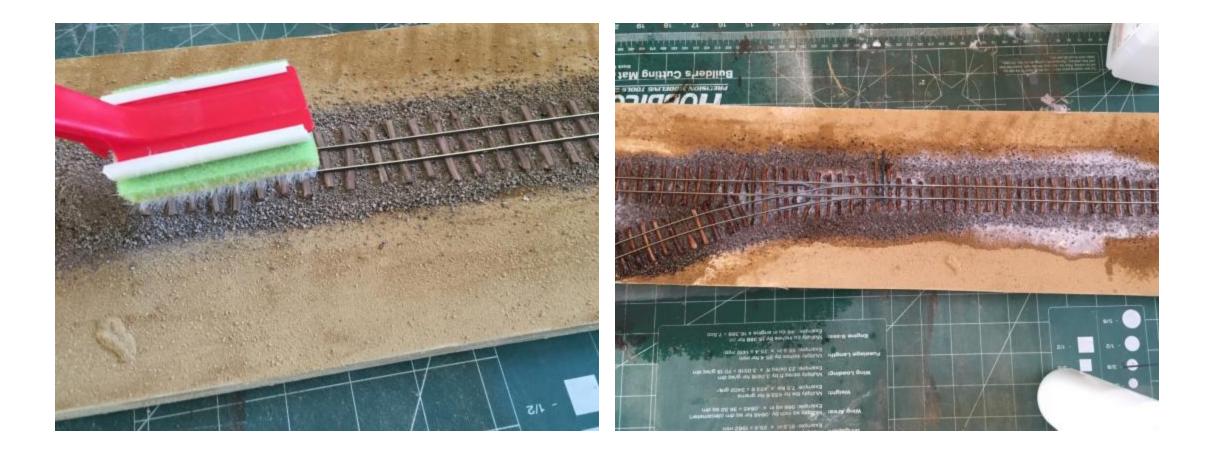


























### Tool List

Pruning Shears **Side-cut Pliers** • Belt Sander 12" Sanding Block w/ 120 grit paper Needle Nose Pliers with side cutter **Xuron Rail Nippers (DO NOT USE ON SPIKE Xuron Spiking Pliers Track Gauges** Soldering Iron Paint Brushes

HEILE

Tweezers

# Materials List

- Twigs from a hardwood tree, I like scrub oak.
- .015" piano wire for spikes
- Micro Engineering code 55 rail
- Atlas code 55 rail joiners
- 1/8" cork for roadbed
- Gorilla brand wood glue
- Rustolium Camoflauge spray paint (Earth Brown)
- Aim Products weathering powders
- Alcohol based ink
- Isopropol Alcohol
- White glue / Matte medium

