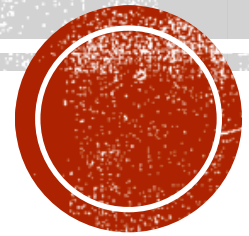


SEGMENTED STAVE STICK CONSTRUCTION

A versatile project starter.

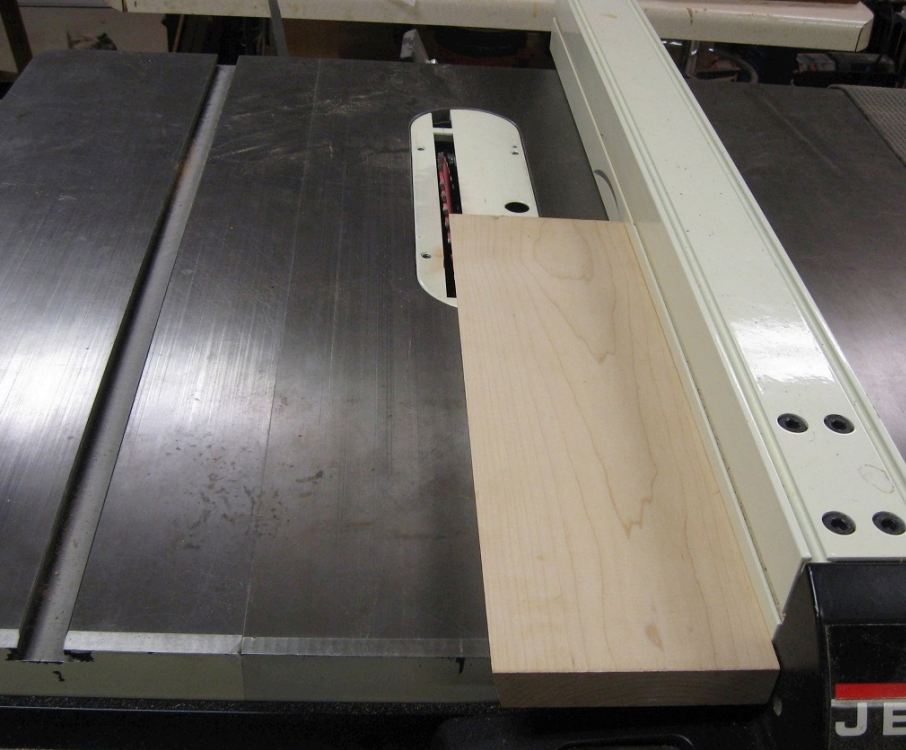


PRE-CONSTRUCTION PLANNING

- Determine your wood species
- Dimensionalize the lumber
- Make sure:
 - the tools are sharp
 - supplies are fresh
 - space is clean and free of debris
 - all safety concerns are met

- Note that all guards were removed for photo clarity

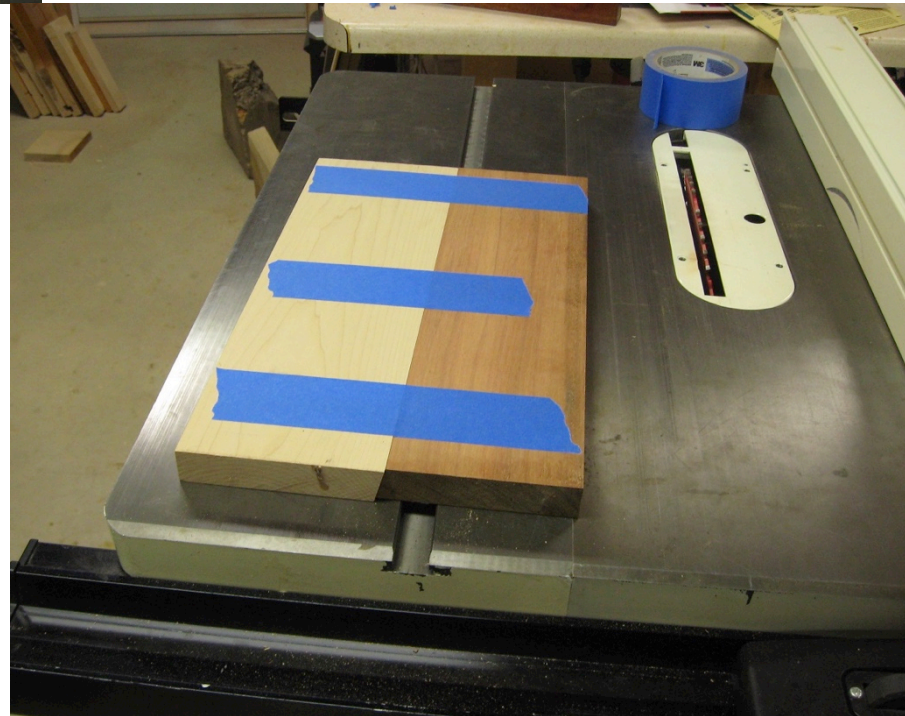
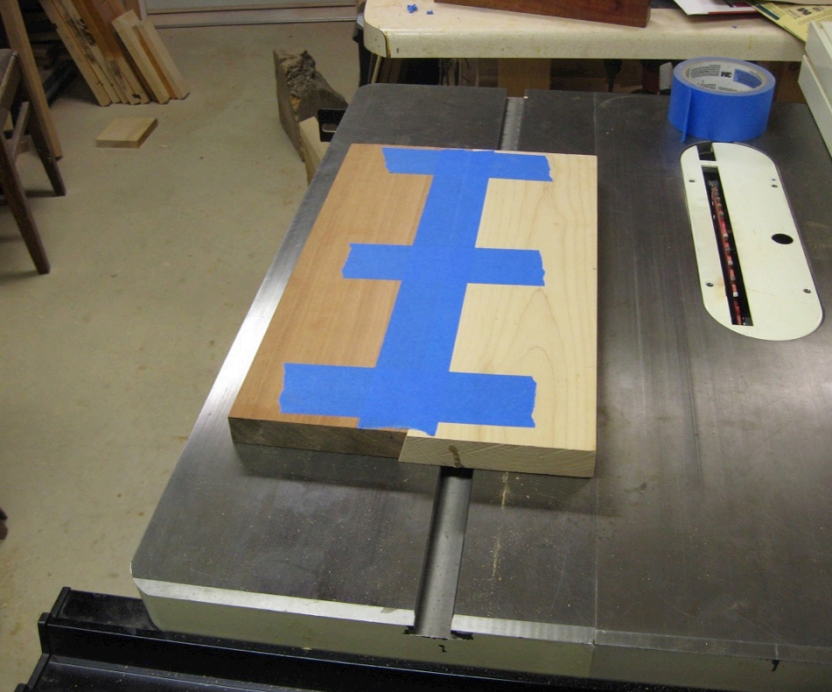




PUSH BLOCK

Create a push block by tilting the table saw blade to a 15 (75) degree angle. This will yield a 12 stave stick. Rip the edges of the push block and the stave material.

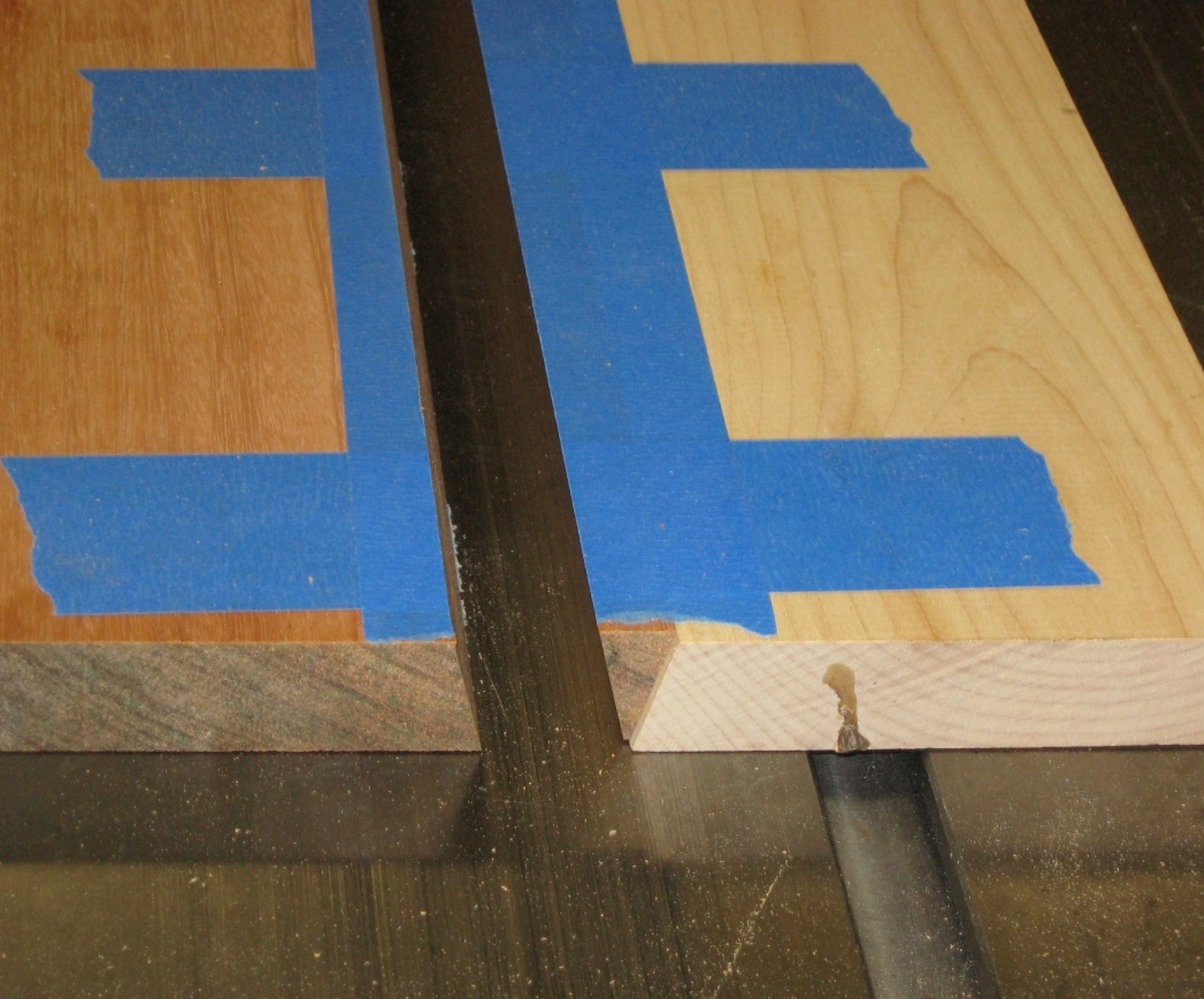




TAPE

Tape the two pieces together. Make sure that the tape goes all the way across the underside of the rip blank. I used blue painter masking tape. Also make sure that the tilt of the saw is opposite the tilt of the two halves (as in the top photo).





LET'ER RIP

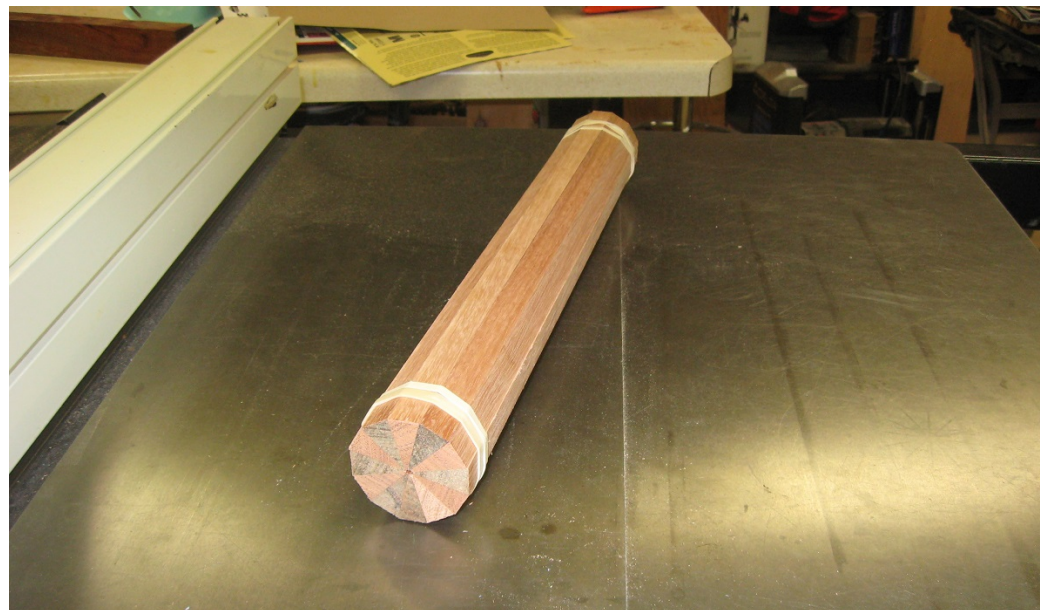
Rip the push block/stave material through the saw. Here you can see the stave still taped to the push block. Remove the stave and all the tape, turn the stave material board over retape and do it again.





12 PERFECT STAVES

12 perfect staves ready for glue-up.



This technique is a variation of how Malcolm Tibbitts does his thin splines.



THE PROJECT

A double taper French style rolling pin
with veneer accents.

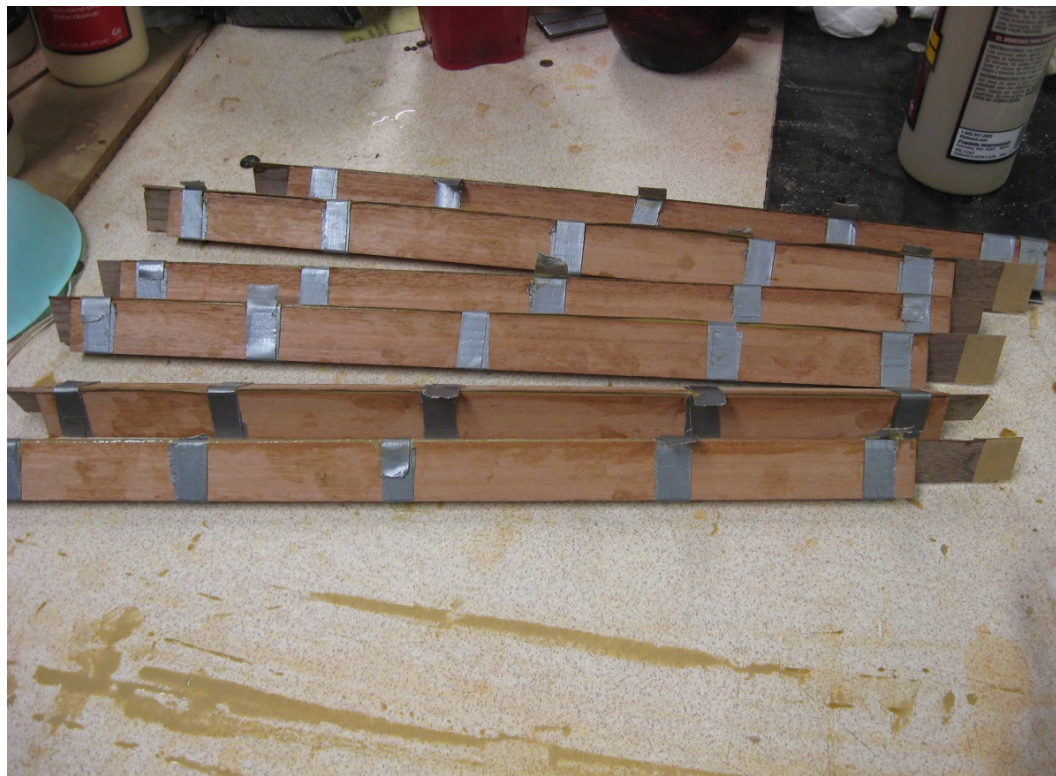




ACCENT

Cutting walnut veneer into strips to fit in between the staves.



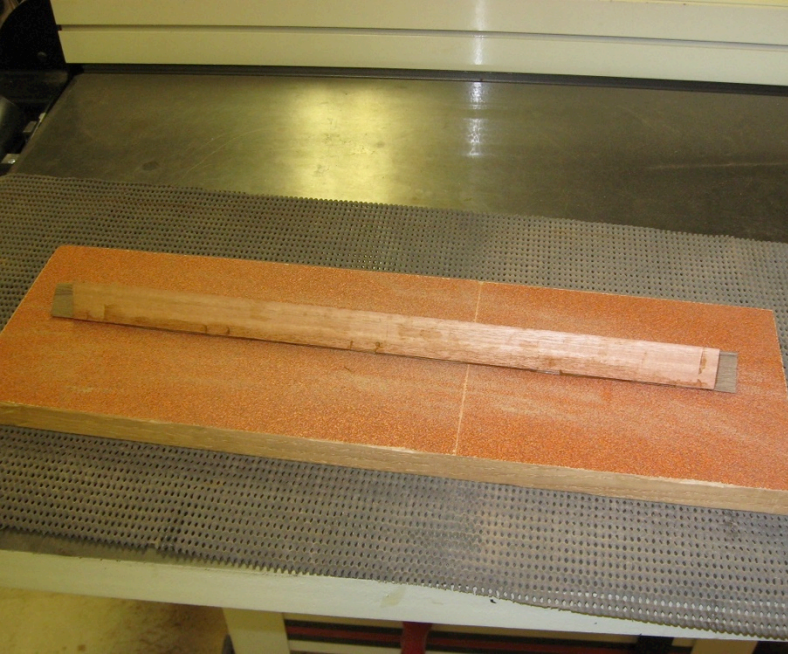


CLAMPING?

Duct tape makes a great clamp.

Oh, did I mention...
this is really messy.





SANDING

A light sanding to remove any glue contamination. This is not aggressive wood removal. Continue gluing the elements together until the two halves are remaining. Sand and join the halves together.





LOOSE ENDS

Square up both ends of the stave stick. Because this is a 12 stave stick, the flats of the stave mesh flat on the saw table, as well as, the fence.





READY TO ROCK & ROLL

Assembled and mounted on the lathe. I used the tailstock as a clamp. Note the dowel pins for re-enforcing the end grain to end grain joint.





TOOLS USED

$\frac{1}{2}$ " bowl gouge

diamond parting tool

$\frac{1}{8}$ " fluted parting tool





FINISH LINE

The completed piece waiting to be parted off.

I used a beeswax/mineral oil based food safe wax for the finish.



SOME OTHER USES FOR SEGMENTED STAVE STICKS

