

TRACK Trail Kiosk



Construction Directions

What You'll Need

Materials

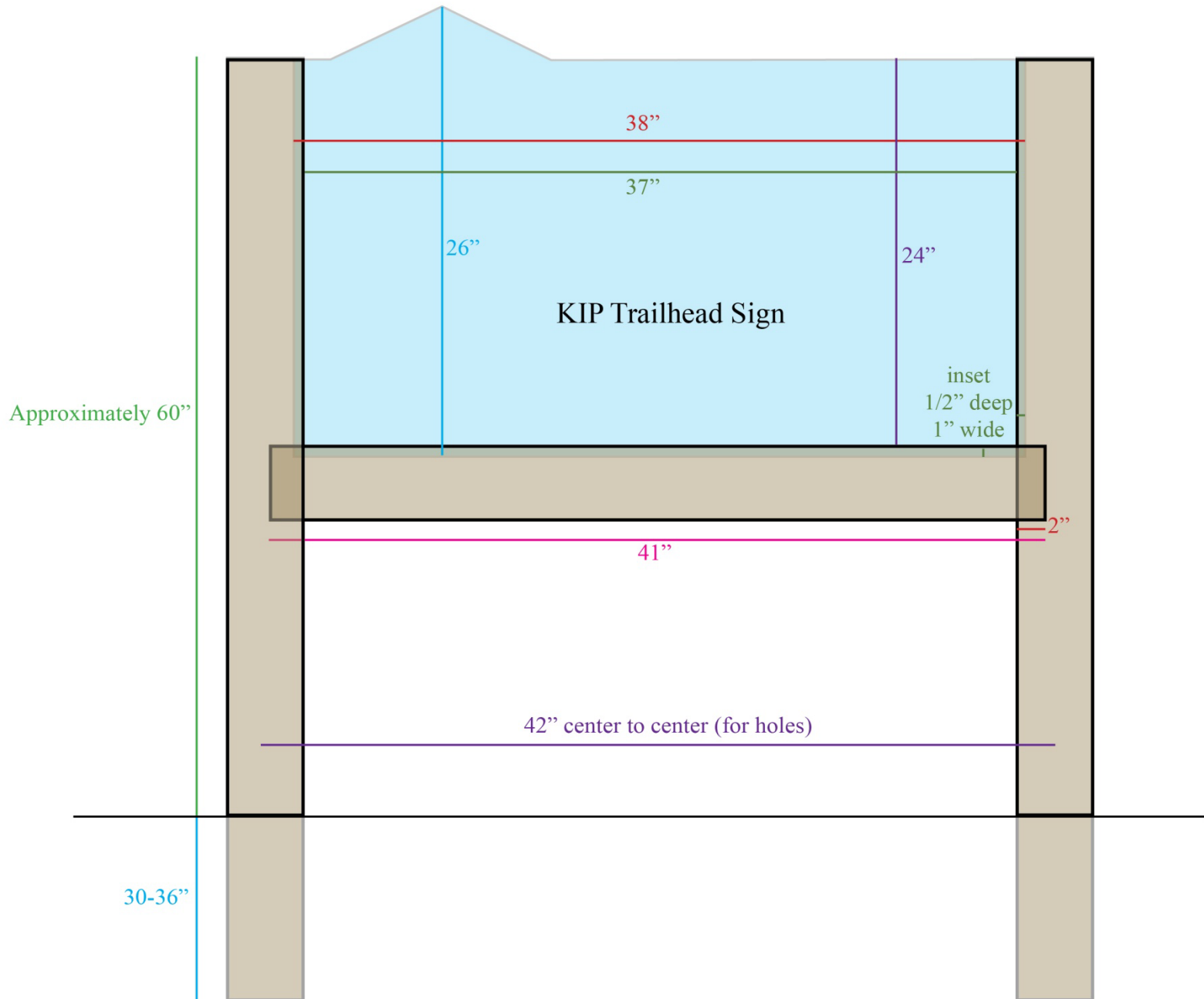
- (3) -- 6"x6"x8' Pressure Treated
- (8) -- 12" Lag Screws
- (2) -- 6" Lag Screws
- (1) -- 4'x8' x ½" Plywood
(cut to 38"x23")

Tools

Skill Saw
Router
Chisel
Sander

Drill
Long Drill Bit
Rubber Mallet
Post Hole Digger

Kiosk Blueprint



Pick Your Boards Wisely

Pick the best looking, straightest boards possible when selecting lumber. Watch out for strap indentions, excess spray paint, and slivered edges.

If the boards have imperfections... hide the blemish on the back of the kiosk.



Strap Dent positioned
on back-bottom of kiosk

Slivered edge positioned
on back-inside edge of kiosk

Determine Your Faces



Pretty side of wood



Imperfect Side of wood

While selecting lumber... determine the faces (and backs/insides) of the boards to ensure that the face of the kiosk looks good, and that you have the right boards. You'll need a right leg, left leg and cross bar.

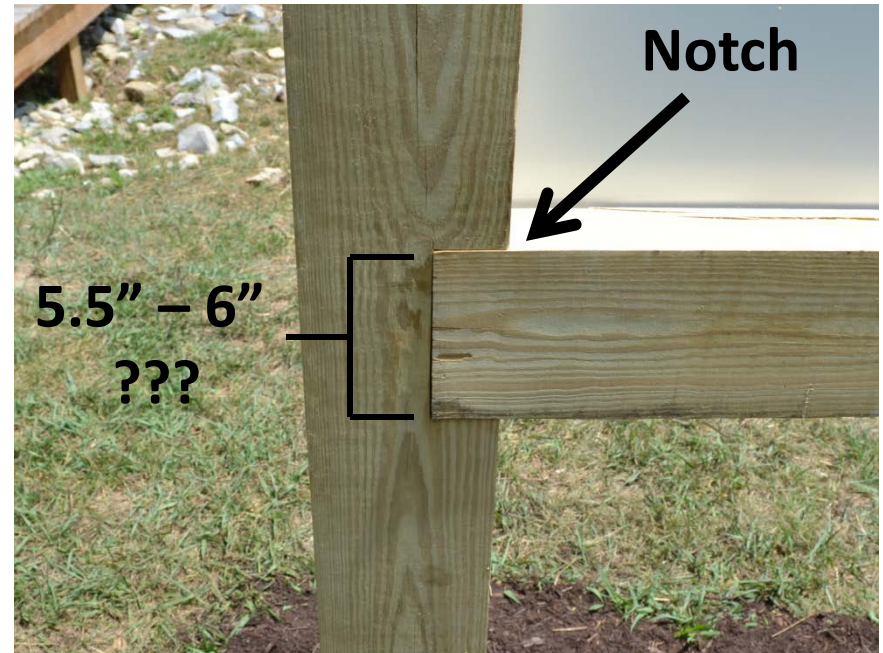
Determine Your Tops



**Bury the
imperfect sides**

Some boards may have strap indentations, heavy spray paint, or splintered/missing wood on one end... if those ends can be buried, that can help you determine the Top of your board.

Mark Your Notch Cuts



Use a square to mark your cut lines for the notches.
The top of the notch should be 24" from the top of the 6x6.

Make sure your notch is as wide as the face of your 6x6 cross board since not all 6x6 lumber is actually 6x6.

Cut Out Notches in Legs



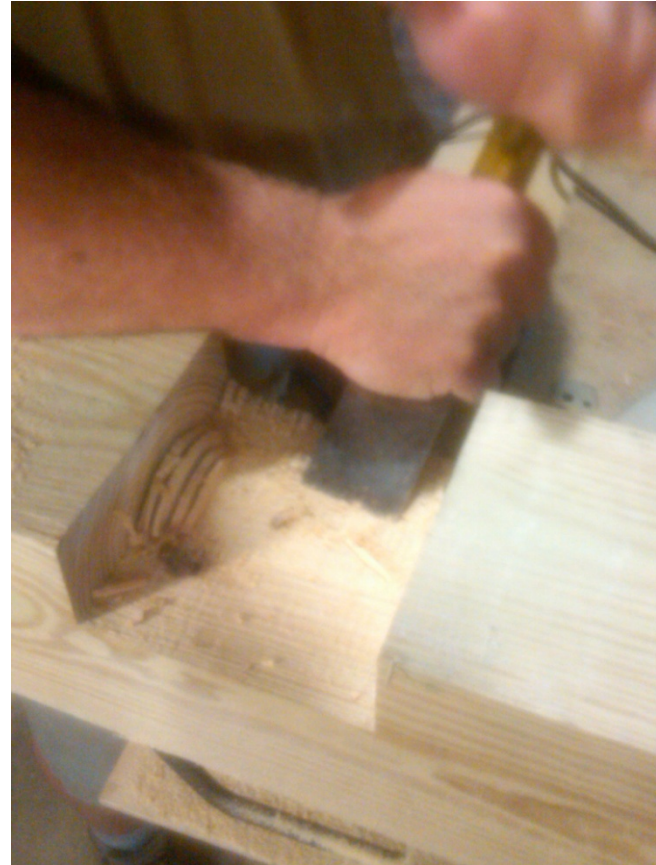
Use a skill saw to cut out your notches. Set the saw blade to 2" deep. Run several parallel cuts (20 or more) through the notch section.

Break Out Wood Slivers



Use your hands to break out the majority of the wood slices.
Then use a chisel to clean up the rest and smooth out the notch.

Chisel and Sand Notches



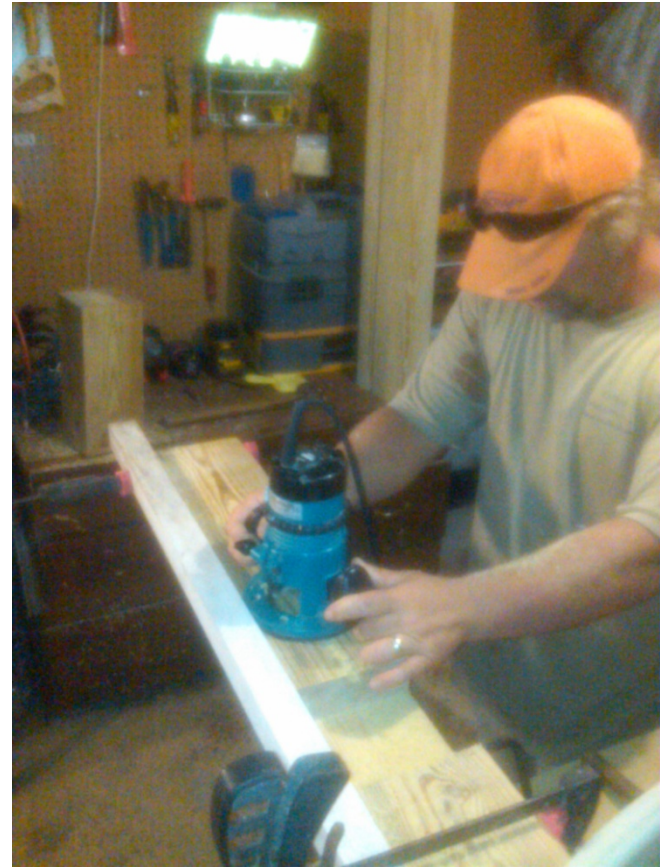
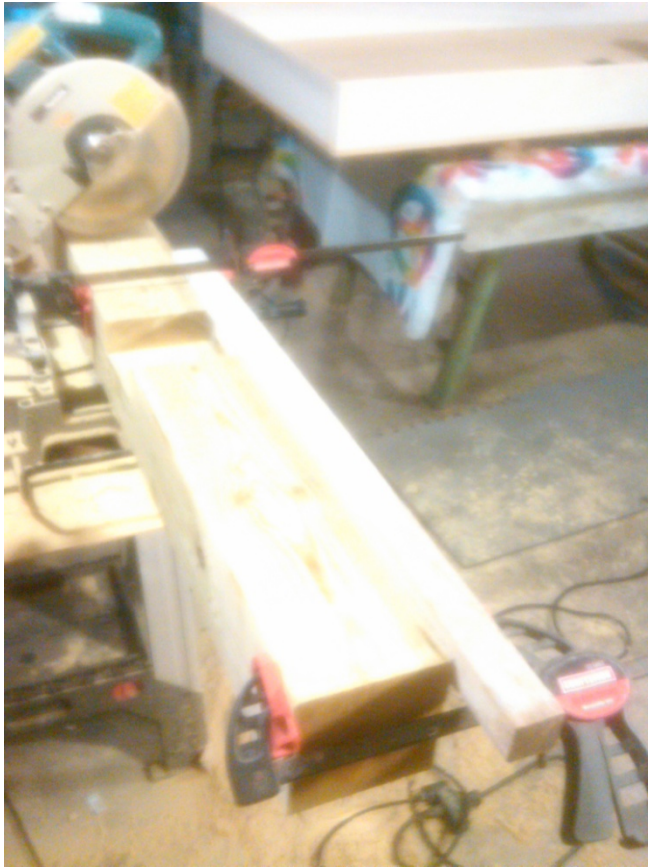
Continue using the chisel until the notch is almost completely smooth.
Use a sander to polish it off.

Dry Fit



Once you get one notch cut, do a dry fit to make sure your notch is the right width for the cross board to fit perfectly. You may need to make some alterations.

Route Out Channels for Sign



Once your notches are cut, you can route the channel out for the sign. Use clamps to clamp a guide to the **front edge** of the board. **Use the front edge for all three boards so that the channels line up.** Route from the top of the board toward the channel. It will take several passes at increasing depths to get all the material out of the channel. (1" router bit).
The channel should be 1/2" deep.
The channel should be 1" wide (1/2" for sign + 1/2" for plywood backing)

Sand Wood

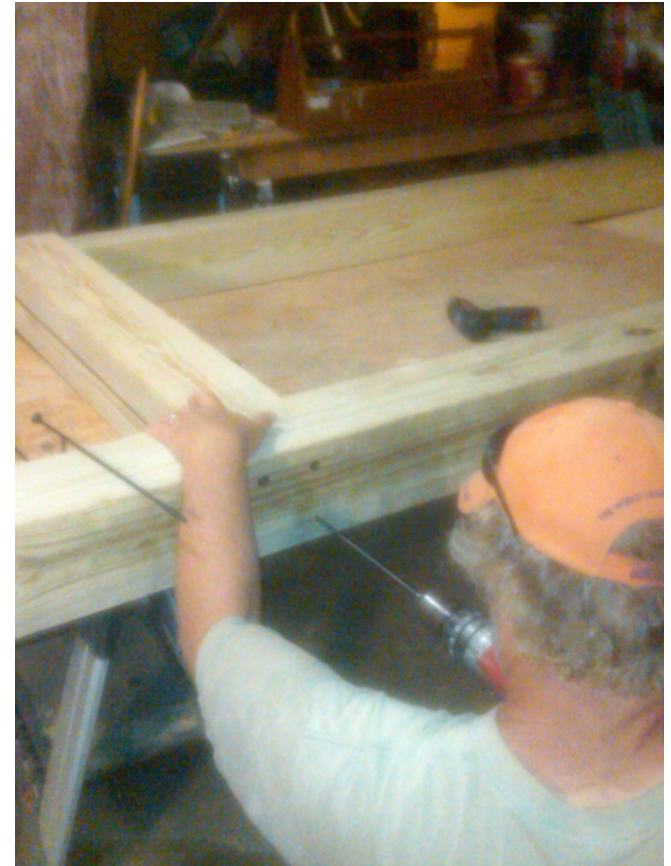


Use a sander to clean up, remove markings and smooth out the boards.

Assemble

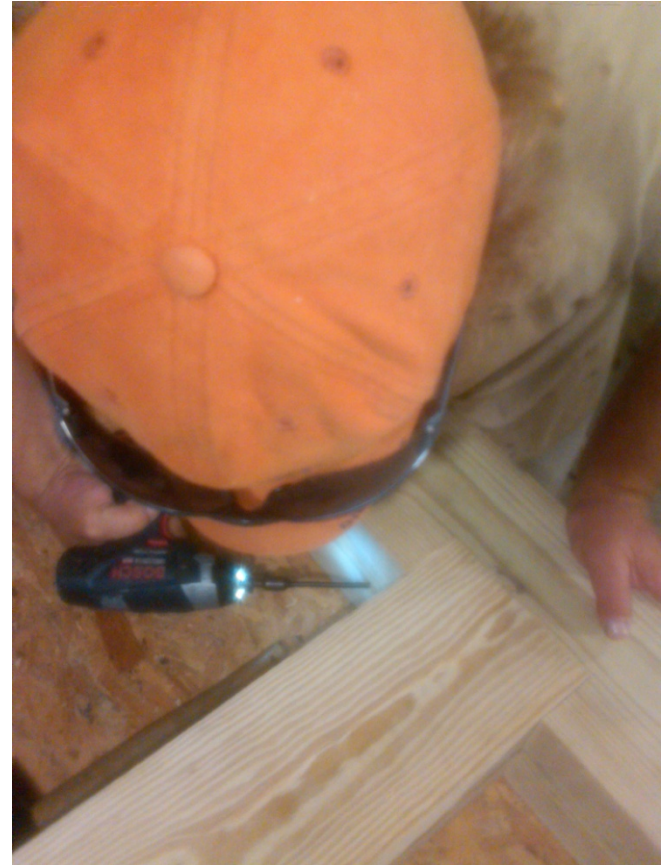


MAKE SURE THE CHANNELS LINE UP!!!



Use 12" long (or longer) Lag Screws to anchor the cross bar to the legs.
Install 3-4 lag screws on each side, avoiding the channel.

Assemble



Install a 6" lag screw on a diagonal from the bottom for added support.

Add Plywood Back for Support

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Install a **38" x 23"** piece of 1/2" plywood to help support the back of the sign.

The sign material is 1/2" thick.

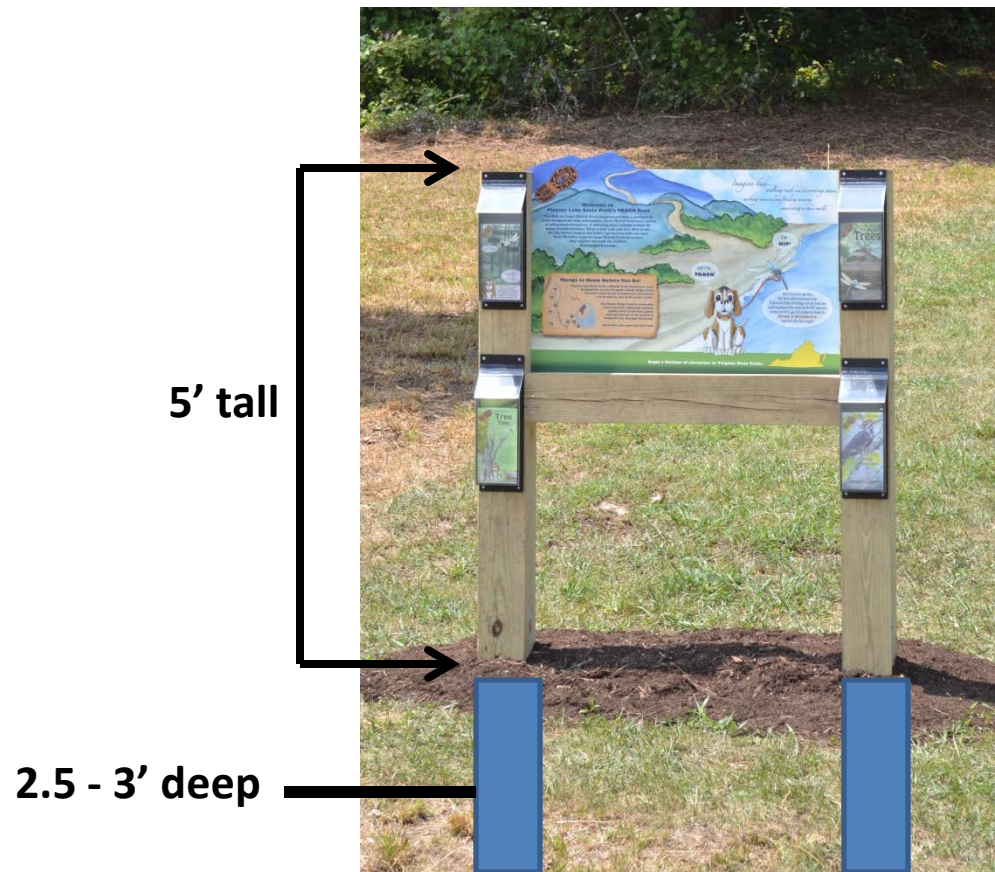
Use silicone or glue to adhere the back of the sign to the plywood backing after installation. **However, for added protection of the sign itself, do not permanently install the sign until the kiosk is ready to be installed in the ground.**

Fit the Sign



If you have the sign available, do a dry fit of the sign to ensure that the sign slides into the channel properly. If the channel is out of line, the sign will not fit. However, for added protection of the sign itself, do not permanently install the sign until the kiosk is ready to be installed in the ground.

Install Kiosk



Install kiosk in the ground so that the legs are at least 2.5' deep.
Leave the legs long until the time of install when the legs can be cut to fit the site.

The top of the kiosk should be 5' tall from ground level.

Install Sign

Align HERE



Install the sign so that the top of the sign is aligned with the top of the 6x6's on their inside edge. Make sure the sign is level. Install the brochure boxes at reasonable heights for ease of use.

Questions / Concerns

**Please call Jason Urroz @ (828) 505-8495
Or email at: jurroz@brpfoundation.org**