

Wallingford Little Free Library

Repair Report 12-27-2023

Repair on this library began on Saturday December 24, 2023 and was completed on Wednesday December 27, 2023.

Repairs as directed:

- Roof Sealant (see repair notes below)
- Paint (Pittsburg Exterior latex Low Luster Paint 2 - coats)

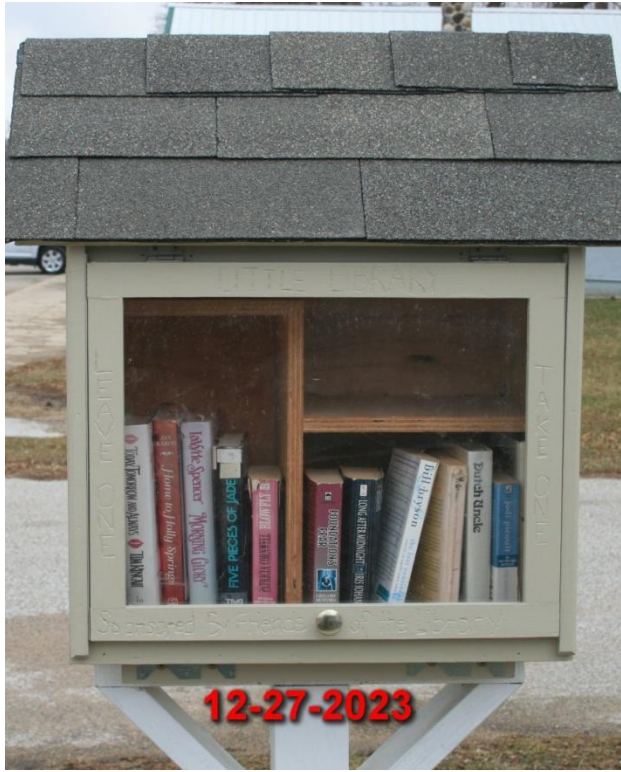
Repairs not directed:

- Removed and replaced wood shingles (see notes below)
- Replaced weather stripping on door (see notes below)
- Installed new mounting hardware to avoid screws in floor of library (see notes below)
- Replaced hinges using exterior rated material.

NOTES:

1. The post was in good shape but will need to be painted in the spring. I will schedule this when the weather permits and use the same paint that was used on the library.
2. New mounting hardware was used to secure the library to the post support. The original design had the library attached to a 4" board. So I added a new structural member and used four exterior rated construction supports that are fastened to the post with exterior rated construction screws (not sheetrock screws). Stainless steel screws were used to attach the library to the metal angles so there is no risk of rust.
3. The door itself is in good shape but the joints had loosened (butt joints are prone to this). I tightened the screws used in the original design and added stainless steel ring shank nails to help keep the frame from twisting. The Plexiglas was removed to allow painting all surfaces before installing the Plexiglas. I removed the original foam weather stripping that was preventing the door from closing completely. I used "V-Seal" and two new frame pieces on the sides of the door to provide a tighter fit.
4. The wood shingles although in fairly decent shape were replaced with asphalt/fiberglass shingles. Upon removing the wood shingles I discovered that the original installation failed to include roof underlayment (used to be called tar paper). This allowed moisture from the shingles (no leaks) to soak into the roof plywood. I let the plywood dry before installing roof underlayment and the Malarkey 25-year rated shingles and ridge row. These will seal down quickly when the sun hits the roof. I reduced it to a 4" exposure instead of 6" so that it will be less prone to experience wind lifting them.
5. The books were replaced in the library and it is ready for use.

All work described here was completed by Dan Breyfogle, Brey's on Seventh.





12-27-2023

