Preservation Lab - Treatment Report

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<th>Treatment ID</th>
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<td>i19760176</td>
<td>2/5/2013</td>
<td>Ashleigh Schieszer</td>
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**Department**
PLCH

**Call Number**

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<th>Date Returned to Origin</th>
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<td>388.4 c574</td>
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**Title**
Street railway ordinance & C. 1901

**Author**
Cincinnati Street Railway Company

**DESCRIPTION:**

**General Remarks**
This binding dates to 1901 and has been previously treated, but there are no treatment records.

**Binding**
This is a half leather binding, bound in red sheepskin leather and grain-patterned black cloth. The boards are gilt with double lines.

**Textblock**
Originally sewn all along on recessed cords with false bands.

**Primary Support**
Dark beige, smooth, machine-made wove paper.

**Medium**
Black printed ink.

**Attachments | Inserts**
Book plate on inside front cover, "Allen, Lane & Scott / printers and publishers, / 1211 and 1213 Clover Street, / Philadelphia."

**Housing**

**CONDITION:**

**Summary**
Overall, the opening and function of the book are in excellent condition from having been previously treated, however the leather spine reattachment has failed and the leather and textblock paper are brittle.

**Binding**
The corners are worn and the spine is fully detached.

**Textblock**
Both sets of sewing appear to be in excellent condition (see previous treatment below).

**Primary Support**
The textblock paper is inherently brittle and acidic, despite this it is currently in excellent condition.
Medium
Stable

Housing Narrative

Attachments|Inserts
Book plate in good condition

Previous Treatment
At some point in the binding's history, the textblock was resewn, and the boards and spine were reattached. The textblock was resewn all along on tapes while also retaining the original recessed cord sewing. The back was lined with a thick linen cloth. The boards were reattached by adhering the tapes and linen lining to the inside of the boards beneath the pastedown. The boards' attachments were further strengthened by the addition of cloth hinges along the gutter of the endsheets. The spine was reattached with a circular squirt of glue. The glue holding the leather spine and paper linings to the linen back has failed, causing the spine to fully detach. The sewing, linen spine lining, and board reattachments are stable.

Materials Analysis
The spine adhesive slightly softens with a methyl cellulose poultice after approximately an hour.

TREATMENT:

Proposal
1. Clean fragments from linen spine.
2. Re-attach spine with hollowtube.
3. Repair joints with toned kozo tissue.

Housing Need
Corrugated clamshell

Factors Influencing Treatment
The leather is extremely brittle and cannot withstand any manipulation. The leather spine will not be removed from the original stiff spine lining to protect it from cracking and breaking during use.

Performed Treatment
1. The bulk of the spine adhesive was mechanically removed with scalpel blades. Remaining adhesive was softened with a thick methyl cellulose poultice and reduced with spatulas.
2. The spine was lined overall with Uso Mino kozo tissue and wheat starch paste. It was then lined with panels of Dove Grey paper and wheat starch paste to build up the height of the spine in-between sewing supports. It was then lightly sanded.
3. Lifting layers of paper were cleaned from the inside of the stiff spine piece with a spatula.
4. A hollow tube was constructed from red colored Moriki kozo and adhered to the back of the book with 1:1 ratio of PVA and methyl cellulose.
5. The stiff spine was adhered to the Moriki hollow using the 1:1 mix of PVA and methyl cellulose. The outside joints were stabilized by adhering Uso Mino Kozo tissue to the cracks of the joint with a 1:1 ratio of PVA and methyl cellulose.
6. The joints were inpainted with Golden Acrylics. The inpainted Uso Mino tissue was given a surface sheen to resemble the appearance of leather using SC600 wax emulsion.

Storage Recommendations and Handling notes
Due to the inherently stiff spine and extremely brittle leather, the book should only be opened at an acute angle with the assistance of book cradles.

**TOTAL Treatment Time**

10.25