

# 2021 Organ Revitalization

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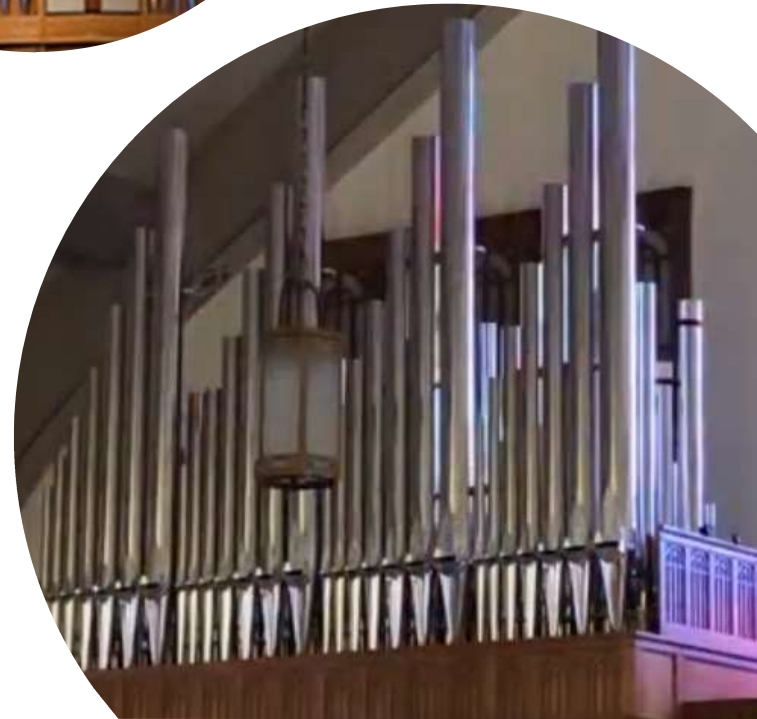
# Work to Be Completed

- Bid from JF Nordlie
  - Replace electrical and control system
  - Refurbish the pipes and winding components
  - Façade addition, casework and pipe re-organization
  - Console rejuvenation



# Exterior of Organ

- Create protection for the organ
- Create easier access for tuning and maintenance
  - Less danger of someone falling over the half wall.
- New façade
  - Polished aluminum





# Individual Pipes

## Toe

- Attaches to the wind chest so no leaks of wind

## Languid

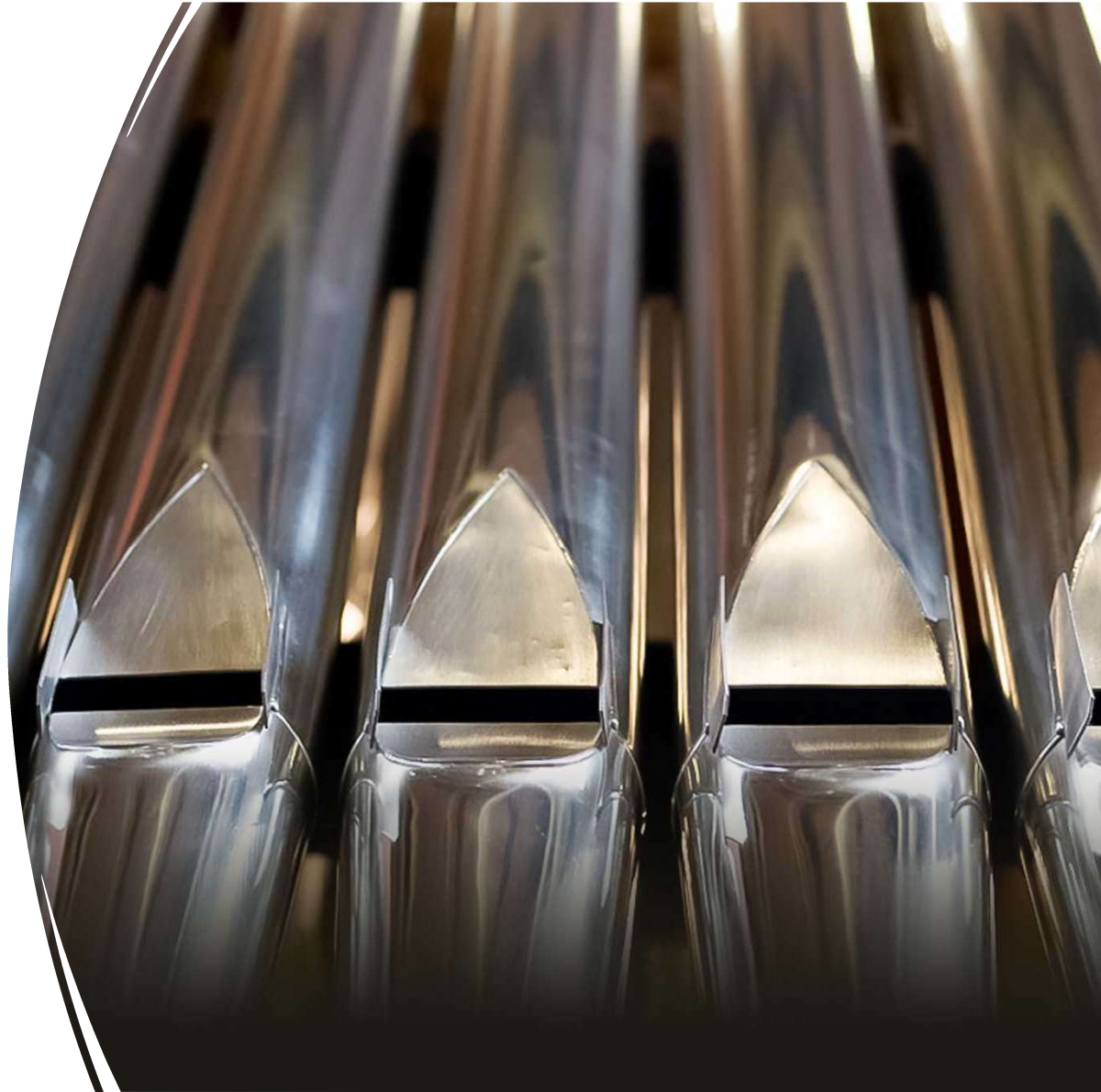
- Wind passes from the toe, over the lower lip of the bottom of the pipe and the languid which is the piece that kind of looks like a tape dispenser, it creates a soundwave.

## Pipe body

- That sound wave travels up the pipe body and the length of the pipe body gives you the note the organist is playing.

# Individual Pipe Issues

- In some of our pipes, the languid has begun to sag
  - Happens over time
    - Sags too much, will not create a proper sound.
- What they must do
  - Take all pipes back to Sioux Falls
  - Take a rod up to where the languid is sagging, and gently correct the sagging.



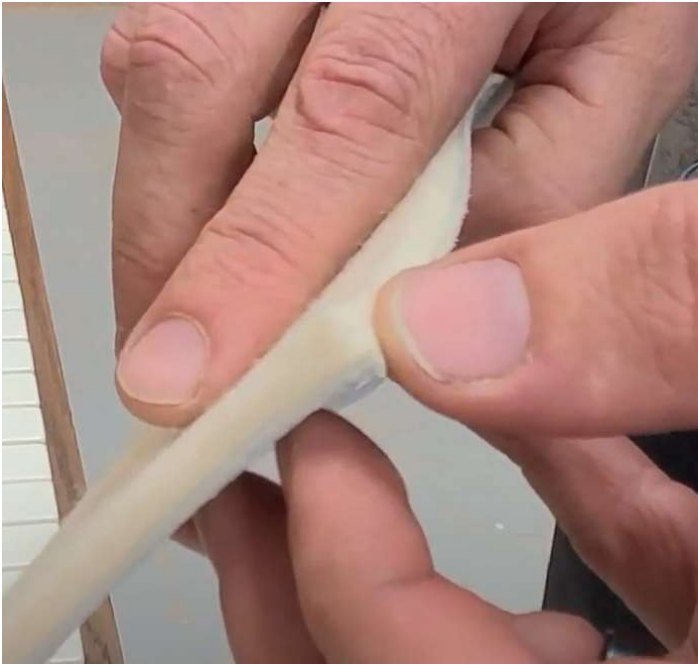


# Wind Regulator

- Leathers on hinges in the reservoirs.
  - Wear and tear have caused severe damage and need replaced.
  - Not replaced leads to damage in the board



# Valves



- Valves below the pipes prevent air from going into the wrong pipes causing wrong notes.
- Valves are made by a strip of wood surfaced with a high density felt and covered with goat's leather.
  - Leather and felt are attached by glue
    - Current valves have glue that is failing
    - Those valves are going to be replaced.



Questions?

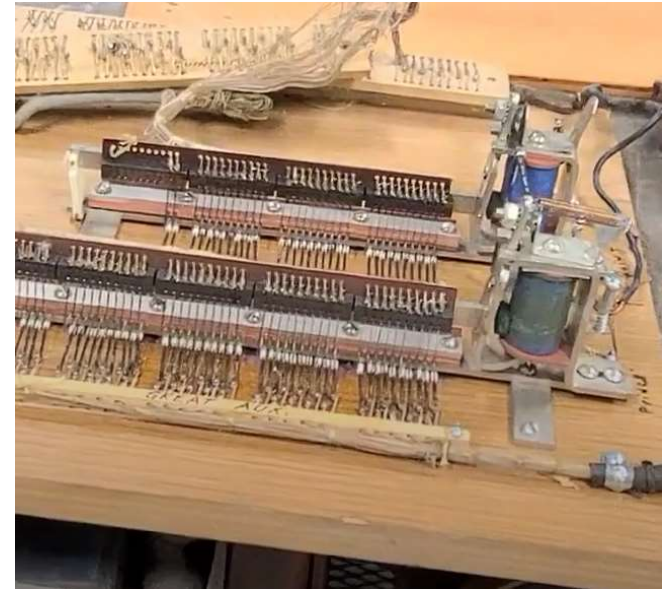


## Control System Upgrade

- Computer in the console connect to the pipe organ by fiberoptic cable.
  - Individualized key memory
  - Input a transposer
  - Rebuild the console
    - New tilting tablets
    - Refinish the exterior of the console
    - New LED display to display memory level
    - New peddle keys
  - Add an adjustable bench

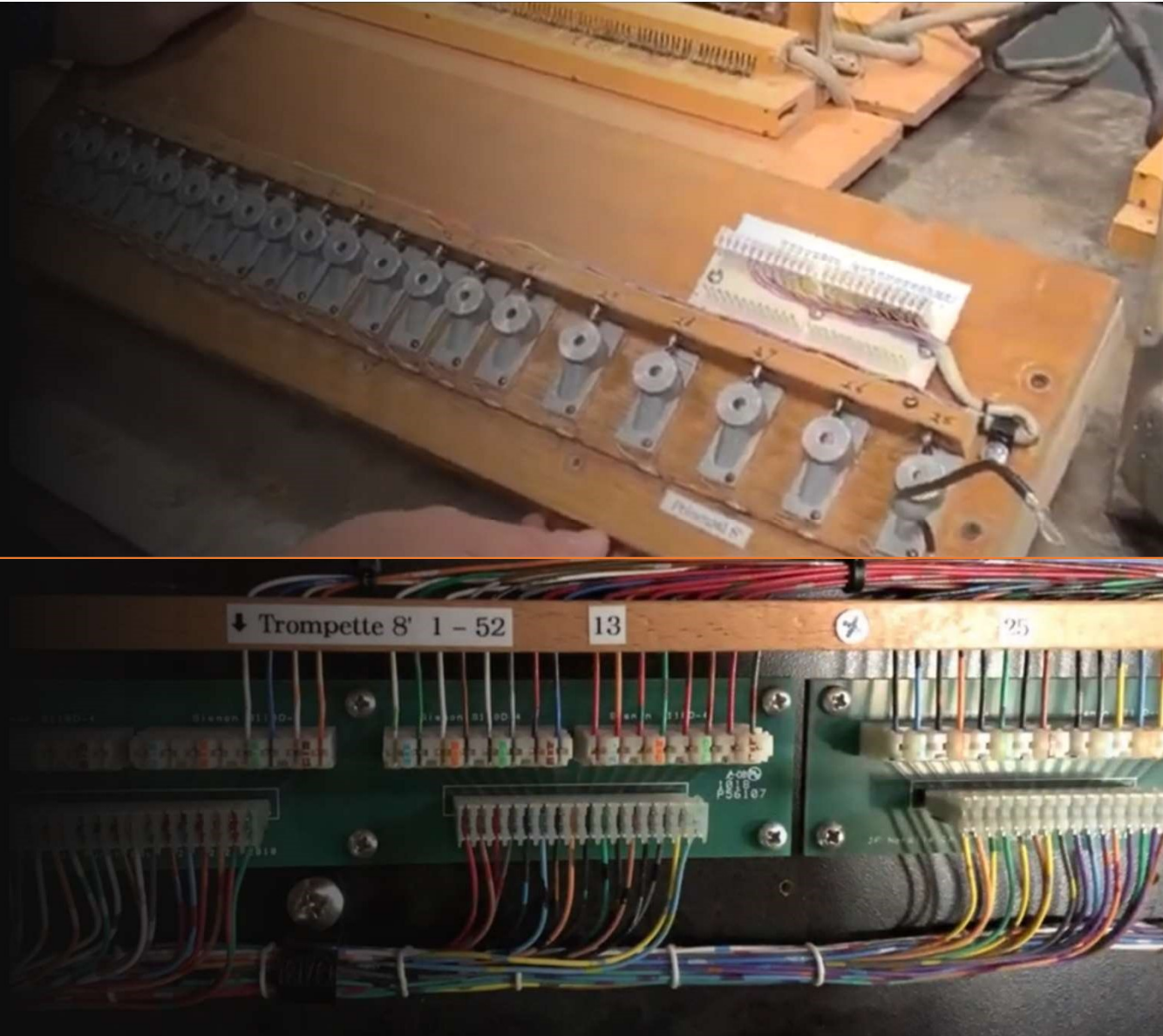
# Interior Control System Before

- Cotton wrapped and waxed wire.
  - Good technology at the time but now is against fire code
- Oxidized and corrodes over time
- Soldered joints are beginning to fail
  - Used rose core that over time broke down the sawder
  - Soon could cause sparks



# Interior Control System After

- Updates the technology
- Pieces can be removed for ease of maintenance
- Better connectivity and responses from keystrokes



Questions?





# Why it's important



## Succession planning

Entice a new organist when that day comes



## Teaching

Possibly continue tie with Northern to utilize our organ and not reach out for other opportunities



## Praise

Sunday Mornings  
Weddings  
Funerals



## Additional Work

1. Lengthen the platform so the piano can move over
2. Look into alternative for laptop and sound board tables
3. Cable management as the tables are going to be altered in some way

## Cost Analysis

- The Big Ticket
  - \$250,000
    - Payments to the organ company:
      1. 15% (\$37,500) down payment to start
      2. 15% 30 days later
      3. 60% in monthly installments
        - a. \$30,000 for 6 months
      4. 10% upon completion



## To Get Started

1. Approval from congregation at special congregational meeting on June 6<sup>th</sup> at 9:45am
2. Pledges and funds raised must meet loan amount
3. 20% of project (\$50,000) needs to be raised prior to signing loan documents
4. Work can begin once we've achieved both marks

## Pledges

- We are going to ask the congregation for pledges over the next three months
  - June, July, August

## Fundraising

- Our committee is currently looking into all fundraising opportunities in and outside of our congregation.
  - We are fully aware of financial strains our economy and congregation
  - Looking at individual pipe donation/naming
    - Engraving on the pipe as well as a plaque at the bottom of the stairs
  - Concert opportunities
    - Hoping to tap connections with local organizations and college opportunities to host opportunities for concerts
  - Meals
    - German fest and events like that

If the Capital Campaign is Approved

# Questions?

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- Committee Members
  - Zachary Anderson
  - Sue Gates
  - Nicole Kempf
  - Sonya Kempf
  - Millie Suchomel

