## OSP Replacement Study

#### Thom Martin

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### OSP Replacement Rationale







Aged infrastructure



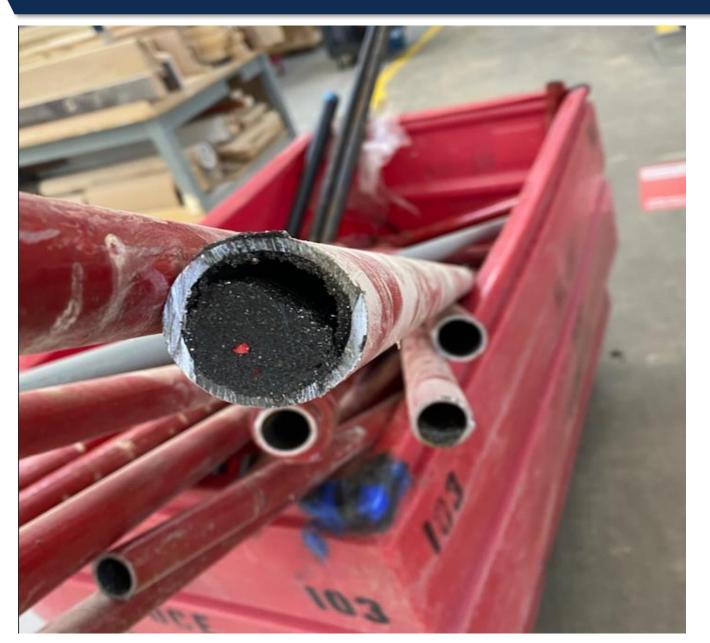
Lack of appropriate programing space



Aging population

## Structural Health & Safety Examples



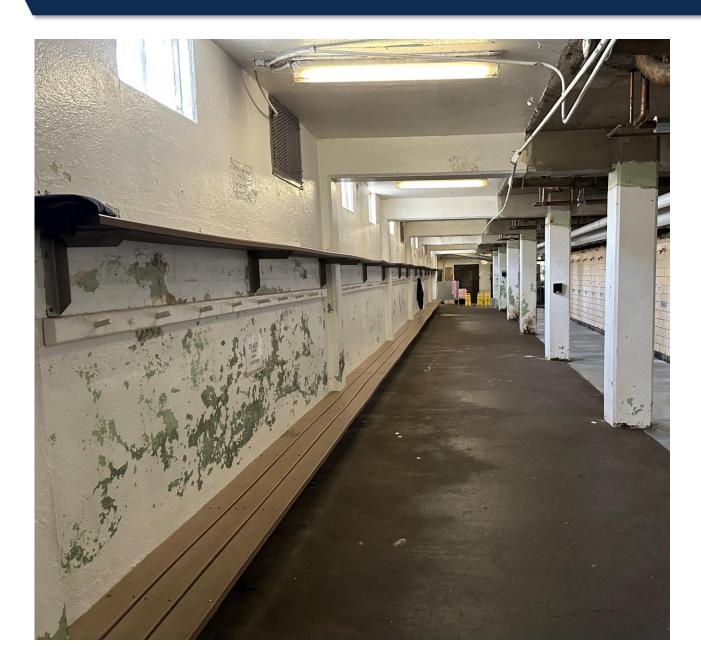


#### **Fire Systems**

- Pipes failed testing due to sediment buildup.
- Entire system rebuild required.

## Structural Health & Safety Examples



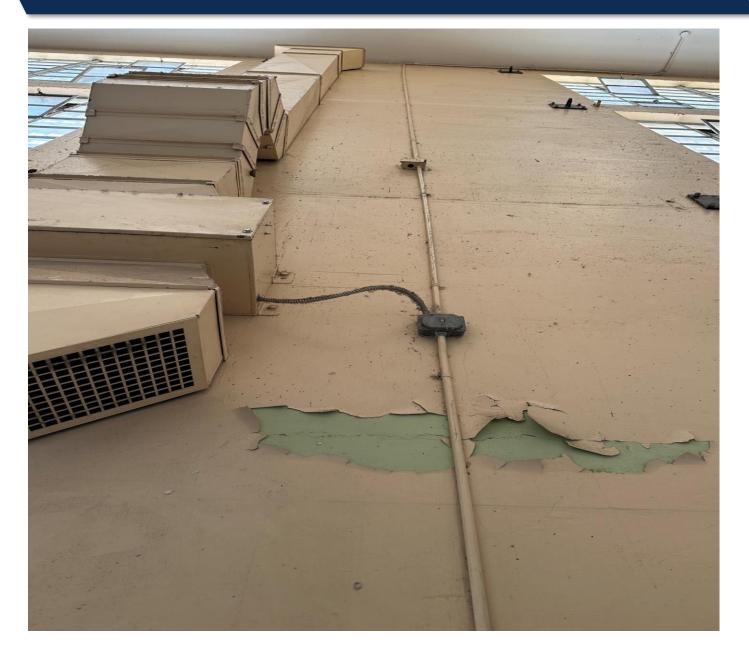


#### **Showering Facilities**

- Peeling lead paint.
- Asbestos.
- Ventilation.

## Structural Health & Safety Examples



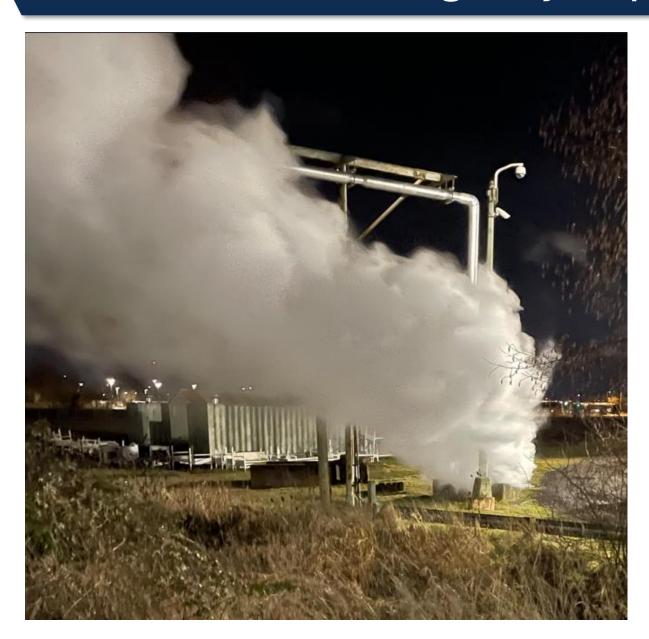


#### **HVAC Systems**

- Inadequate for the size of building.
- Freezing in winter.
- Sweltering in summer.

## Emergency Repair Examples



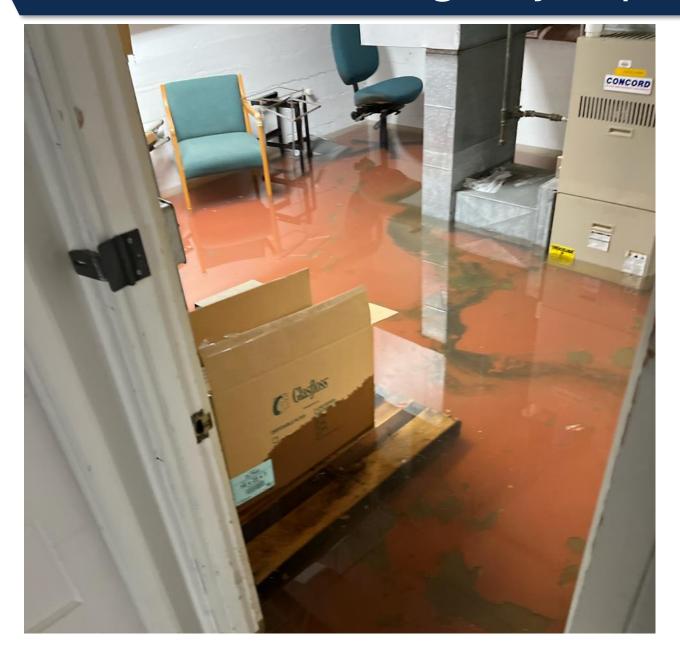


#### **Boiler Failure**

- No hot water during period of repair.
- Temporary boiler units are ~\$100,000 per month.

## **Emergency Repair Examples**



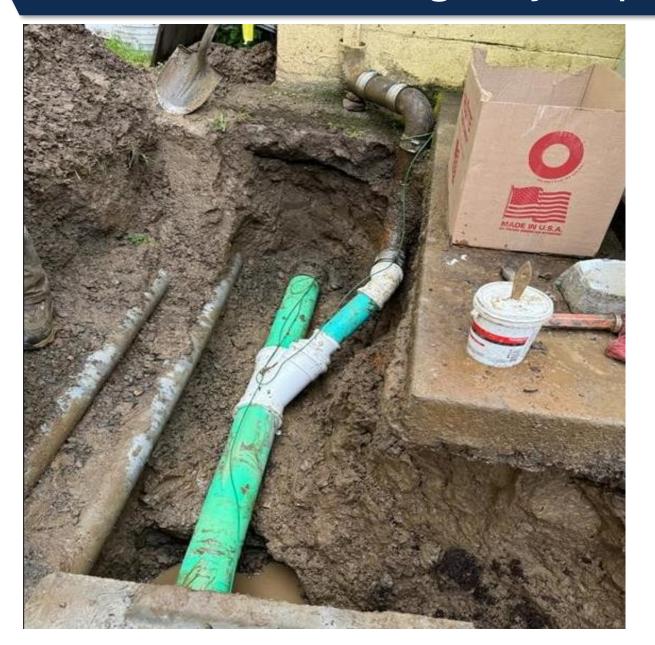


#### **Broken Drainpipes:**

- Significant damage.
- Unusable workspaces.
- Unforeseeable and extremely disruptive.

## **Emergency Repair Examples**

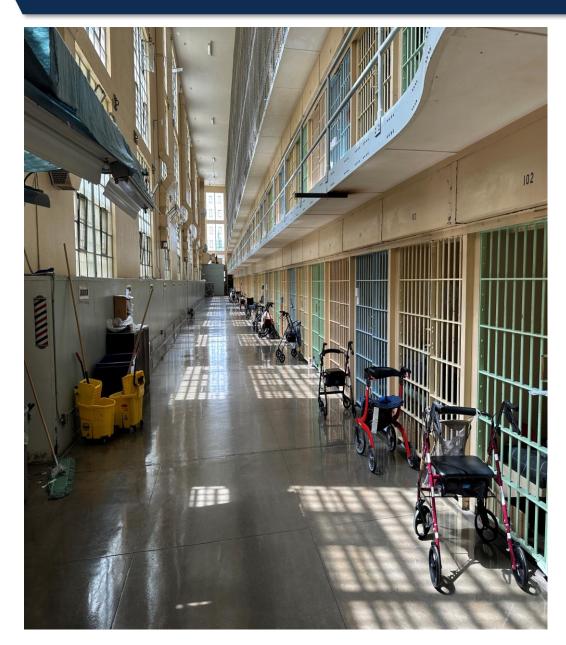




#### **Sewage Systems:**

- Increasingly common.
- Under concrete foundation.
- Sometimes requires population relocation.

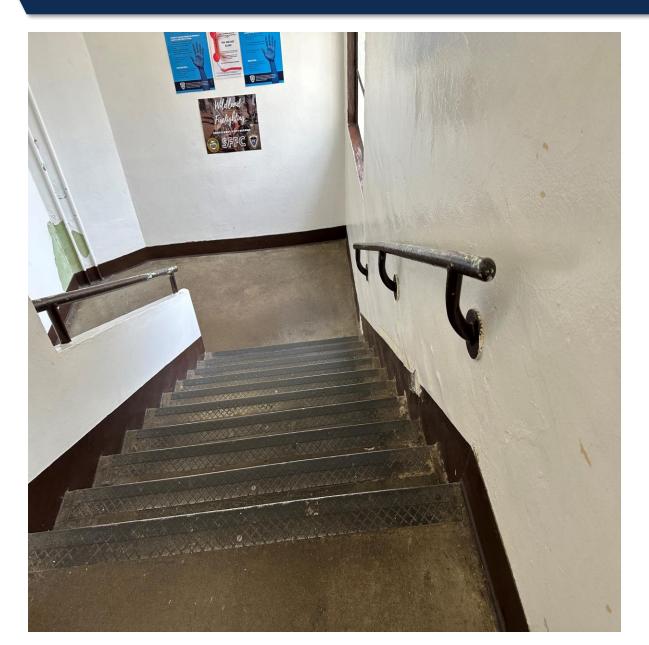




#### **Cell Quarters Accessibility:**

- Inadequate openings
- Limited housing options (lower tiers).
- Cell size requirements.



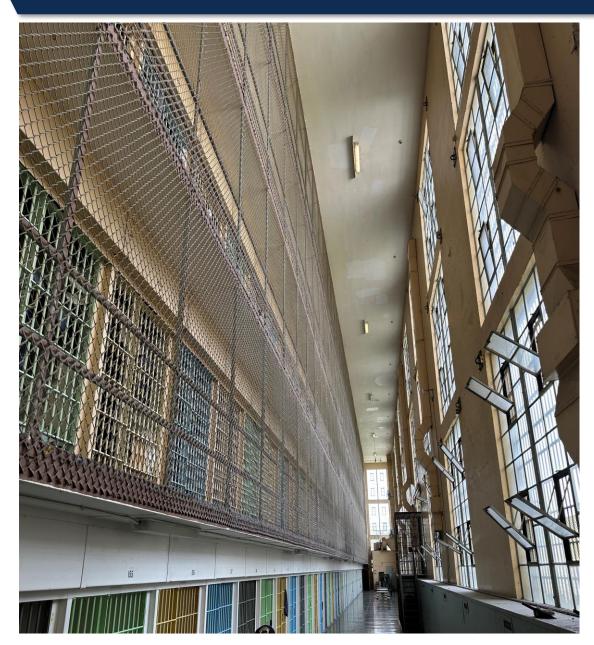


#### Many resources lack elevator

#### access:

- Law library.
- Chapel.
- Barber shop.
- Education.
- Counseling.
- More...

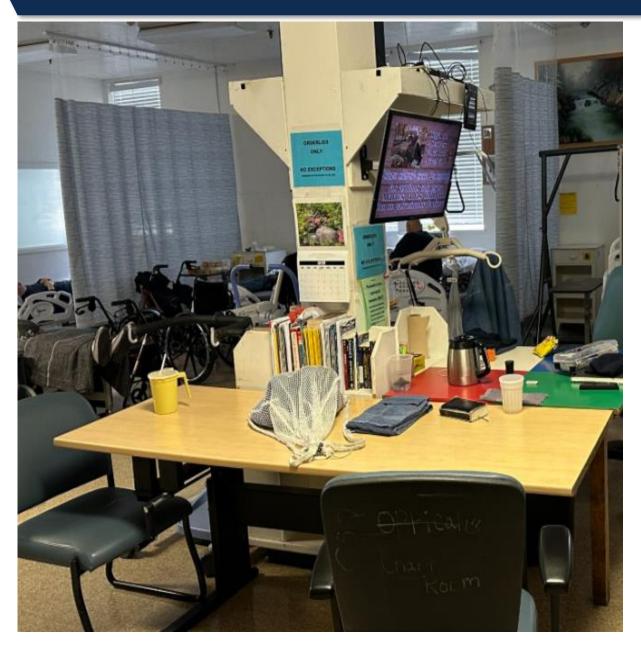




#### Staff is also impacted:

- Accessibility.
- Emergency response.
- Transporting AICs.
- Extreme temperatures.



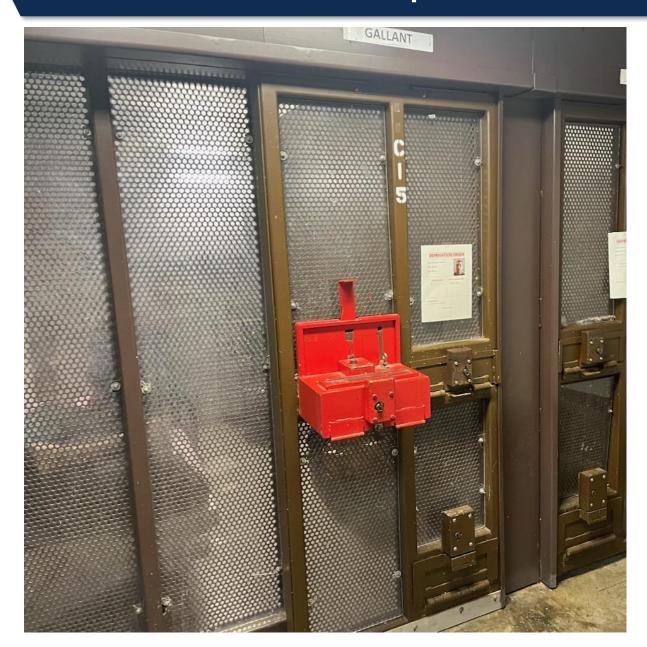


#### **Infirmary:**

- Third floor.
- Cramped.
- Inadequate HVAC.
- Leaky roofs.

## Special Housing Issues



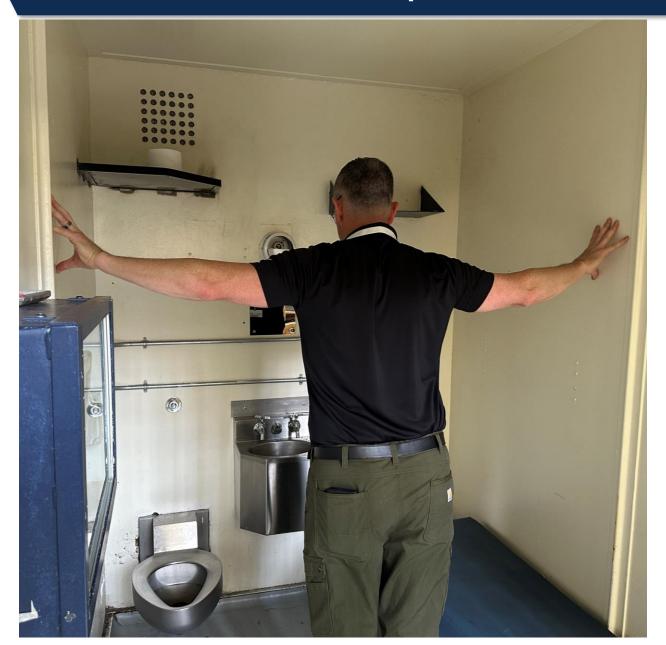


#### Improper Design Examples:

- No windows.
- Poor airflow.
- Isolating.
- Small cells.
- Outdated controls.
- Poor visibility.

## Special Housing Issues



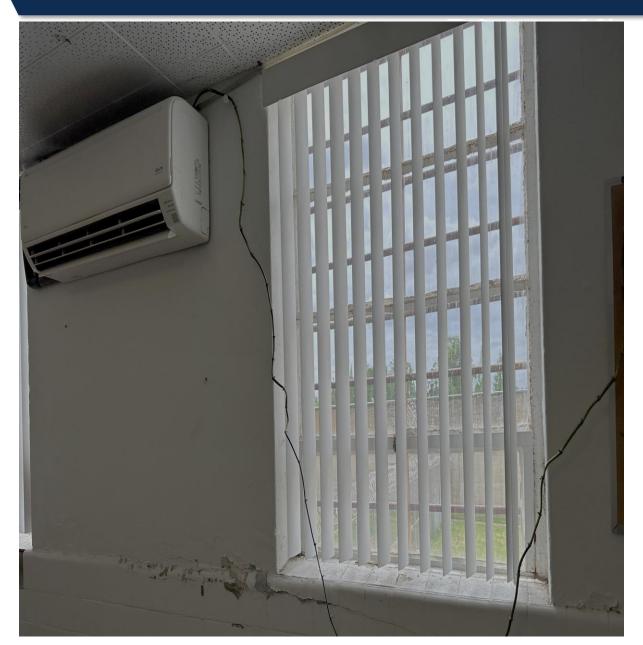


#### **Design Impacts:**

- Safety.
- Mental health:
  - Isolation
  - Confusion
  - Self harm
  - Claustrophobia

## Behavioral Health Services (BHS) Offices





#### **Best practices:**

- 50,000 additional sf to meet programmatic needs.
- Inadequate HVAC.
- Peeling lead paint.
- Damaged and decaying windows & ceilings.

# The Path to Improvement

• Designing an institution to meet Oregon's goals.



## Planning for the Future



#### Master Plan Review

2023 plan identified our needs based on ADA compliance, national prison standards, and programmatic best practices.

#### Location(s) Analysis

\$750,000 per location to cover site analysis (environmental, archaeological, traffic, etc.) and legal issues (permitting & regulatory).

#### Conceptual Design

Based on 2020 facility strategic plan data.

## The Budget



TOTAL





- Environmental Impacts
- Community Impacts
- Zoning, Surveying, & Permits

#### **Conceptual Design**



- Design Modeling
- Functional Planning

## New Facility Planning



#### **Timing**

- 2025-2027 Biennium
  - Feasibility and conceptual design.
- 2027-2029 Biennium
  - Full design and engineering requirements.
  - Create bid documents for project.
- 2029-2033 Biennia
  - Award contract.
  - Begin and complete construction.



### Recent Coverage





KGW: The Push to Replace Oregon's Aging State Prison

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## Get In Touch With Us



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