

Oregon Seismic Status Report - 2018



Oregon law requires school districts and education service districts to provide DOGAMI with notice of construction projects that may affect a school's seismic risk.

This report was generated by DOGAMI from submitted data.

School District/ESD: Sweet Home 55

County: LINN

Contact Name: Kevin Strong

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Structures Replaced? No

Name and Address:

Kind of Structure:

Type of
Replacement:

Max Occupancy:

Date Occupied:

Structures Modified? Yes

Name and Address: Sweet Home High School Auditorium Building -- 1641 Long Street, Sweet Home, OR 97386

Kind of Structure: Auditorium Building including choir room

Type of Modification: See Notes.

Date Re-occupied: 10/2/2017

Optional:

Engineering Report? No *If yes, attachments are appended to this report.*

Cost of Rehab: \$1.42 million

Method of Funding: Grant from the Seismic Rehabilitation Grant Program

Notes:

- Attached tops of the concrete walls to the roof and floor diaphragms for both in-plane and out-of-plane loading
- Strengthened the existing bowstring truss roof structure. Strengthening consisted of establishing properly detailed connections using steel side plates and additional through bolts. Repairs also addressed the diaphragm deficiencies with the installation of a plywood diaphragm over the top of the existing straight sheathing.
- Reinforced concrete pilasters with steel columns for combined axial and bending loads
- Provided seismic isolation between adjacent buildings
- Provided proper attachment and bracing for non-structural components and equipment
- Braced piping and HVAC equipment found throughout the building to limit the potential damage.

Submission Date: 08/09/18