

# Oregon Seismic Status Report - 2016



*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:** Milton-Freewater 7

County: UMATILLA

Contact Name: Rob Clark

Contact Email: rob.clark@miltfree.k12.or.us

**Structures Replaced?** No

Name and Address: None

Kind of Structure:

Type of Replacement:

Max Occupancy:

Date Occupied:

**Structures Modified?** Yes

Name and Address: MCLOUGHLIN HIGH SCHOOL 120 S MAIN STREET MILTON-FREEWATER, OR 97862 PHONE (54

Kind of Structure: Gym

Type of Modification:

*See attached page for complete list.*

1. The walls shall be attached to the wide flange columns using flat plate clips welded to the flanges of the wide flange columns.
- . The existing metal decking shall be attached to the perimeter shear walls utilizing a

Date Re-occupied:

**Optional:**

Engineering Report?  *If yes, attachments are appended to this report.*

Cost of Rehab:

Method of Funding:

Notes:

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Milton-Freewater 7

Contact email: [rob.clark@miltfree.k12.or.us](mailto:rob.clark@miltfree.k12.or.us)

### MODIFIED Structure - Type of Modification

1. The walls shall be attached to the wide flange columns using flat plate clips welded to the flanges of the wide flange columns.
2. The existing metal decking shall be attached to the perimeter shear walls utilizing a continuous ledger to transfer in plane loading into the walls. The continuous ledgers shall be attached to the perimeter walls using post installed anchors.
3. The existing roofing system shall be removed to unload the existing roof structure and perimeter walls. The existing system shall be replaced with a light weight roofing system.
4. Additional spandrel beams shall be added along the long direction of the building as required to transfer the out-of-plane loading between the trusses to the roof diaphragm. The spandrel beam shall be attached to the CMU walls using through bolts and plate washer.
5. Additional angle braces shall be attached to the metal decking at the roof to properly support the CMU out-of-plane loads along the short direction walls. The existing angle ledger shall be attached to the CMU walls using through bolts and plate washers.
6. A new layer of plywood sheathing shall be added over the existing front entry promenade 2x T&G roof decking.
7. The perimeter walls around the front entry promenade shall be attached to the roof diaphragm for in-plane and out-of-plane loading.
8. Continuous angle ledgers shall be provided around the perimeter of the second floor to properly attach the floor sheathing to the perimeter CMU walls. The attachment can be made with through bolts and washers. The angle shall be attached to the second floor sheathing to properly transfer in plane and out-of-plane loading into the CMU walls. The angle shall also provide support for the CMU walls for out-of-plane loading.
9. The large metal duct in the longitudinal building direction shall be properly braced.
10. The heavy concrete plaster ceiling found throughout the locker rooms shall be removed. Recommend the ceiling system be replaced with a suspended gypsum ceiling grid system.
11. The non-bearing CMU walls in the locker room shall be properly braced at the top.