

Figure 16: Diaphragm Deflection to E-W Load (mm scale)

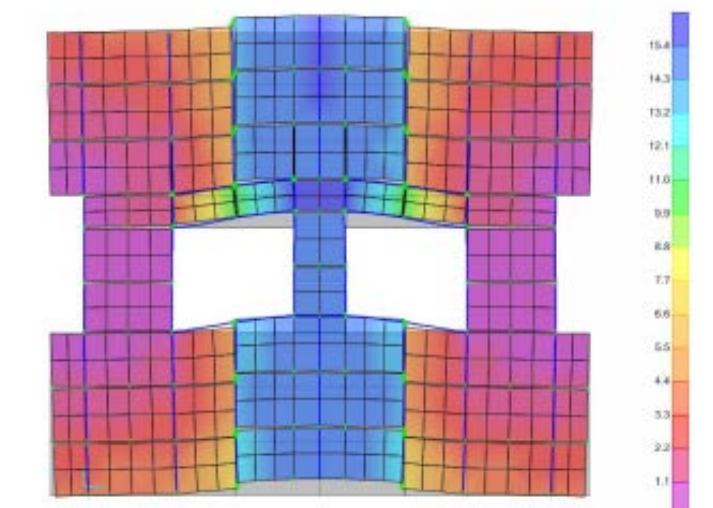


Figure 17: Diaphragm Deflection to N-S Load (mm scale)













FRAMEWORK FULL SCALE TESTING:
FIRE, SEISMIC, ACOUSTIC



FIRE TESTING IN SAN ANTONIO, TX

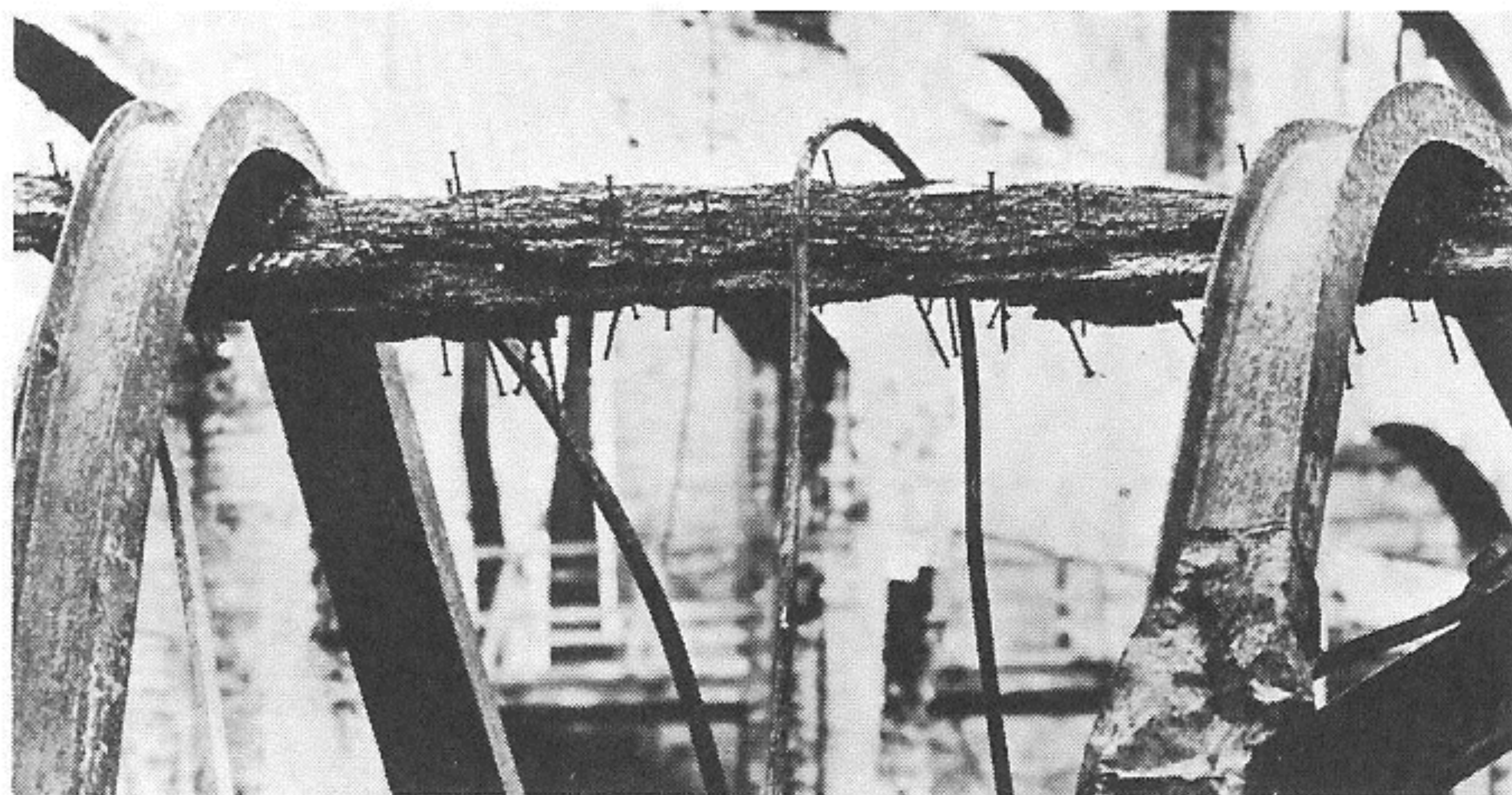
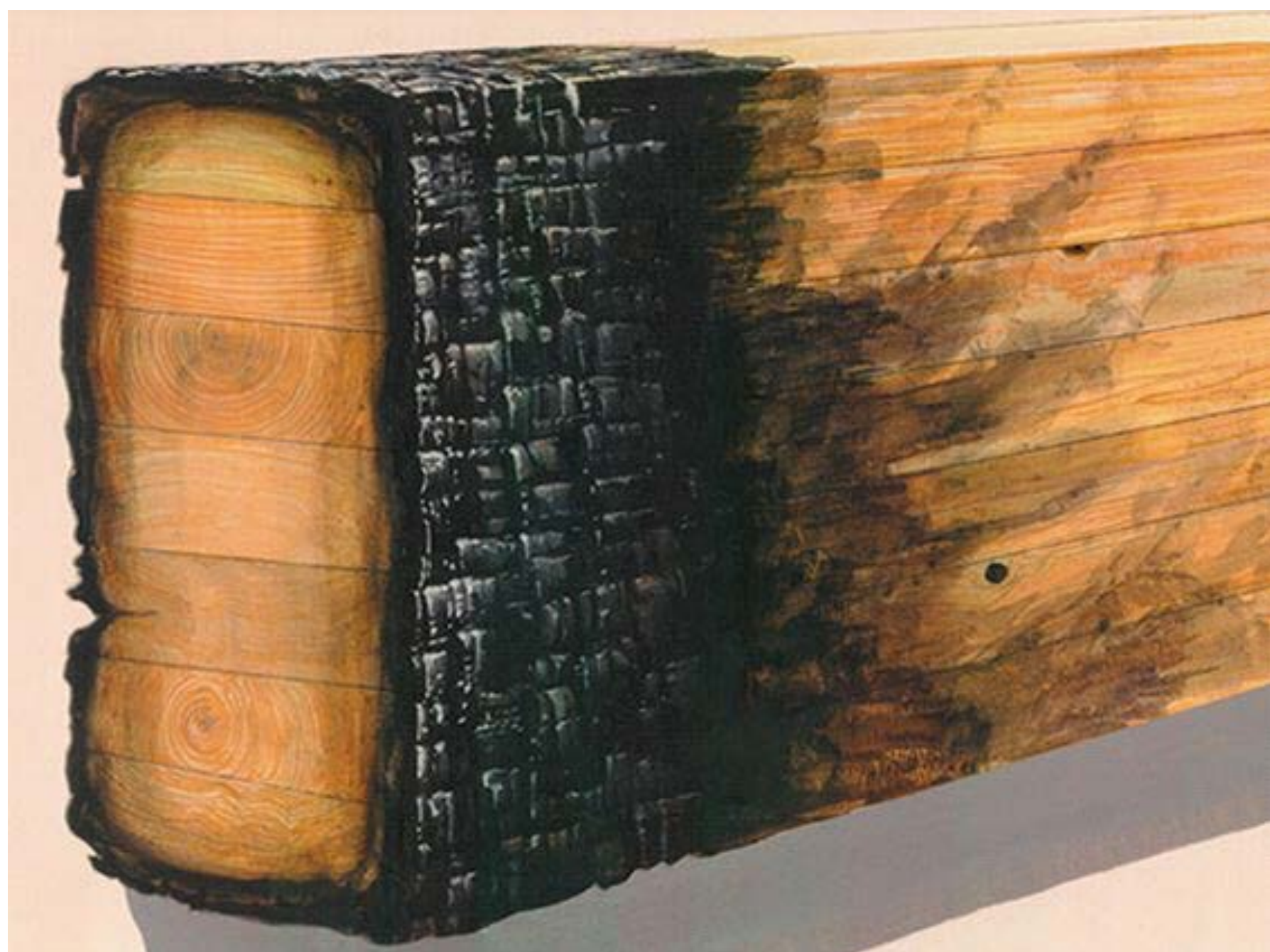


Fig. 20-4. After fire scene. Shows a wood beam supporting twisted steel I-beams. (Forest Products Laboratory)



FIRST FULLY LOADED EXPOSED TWO HOUR WOOD CONNECTION IN WORLD





SEISMIC DRIFT TEST AT PSU LAB



Portland State
UNIVERSITY



POST TENSIONED CLT ROCKING WALL TEST AT OSU



ACOUSTIC TESTING FOR CLT FLOOR ASSEMBLY AT INTERTEK

Framework

Portland, OR

First Mass Timber high-rise in the United States

- Tallest Mass Timber Building in the United States
- Tallest ALL Mass Timber Building in North America
- Tallest post-tensioned rocking wall project in the whole world
- First high-rise building with exposed wood (of any %) in North America
- First project carrying out fire tests on exposed Cross Laminated timbers floors and walls in the United States.
- First fully loaded, exposed glum connection requiring a two-hour fire rating in the world
- Test results will be made public





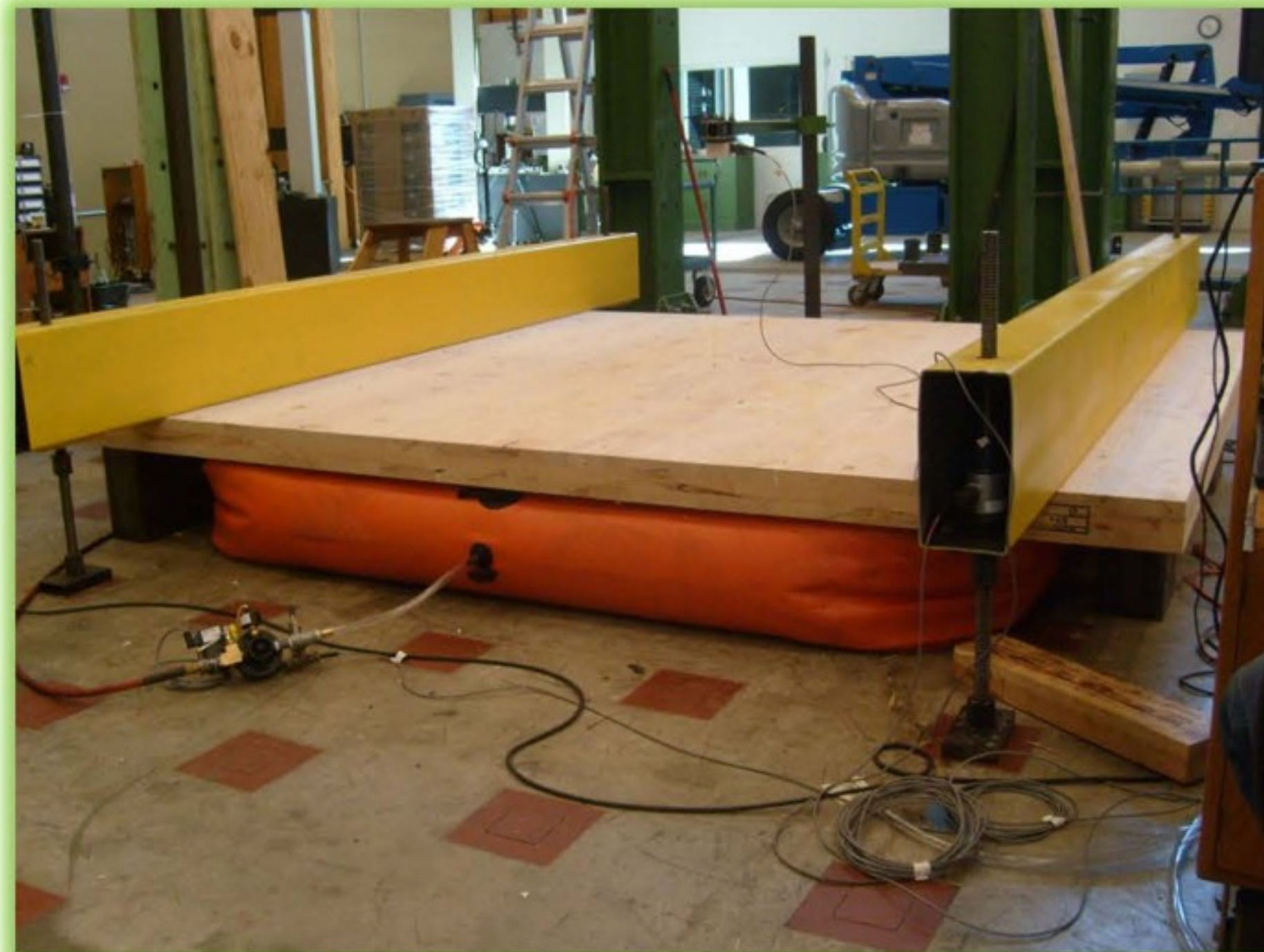
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OREGON, USA

**WOOD
INNOVATIONS**



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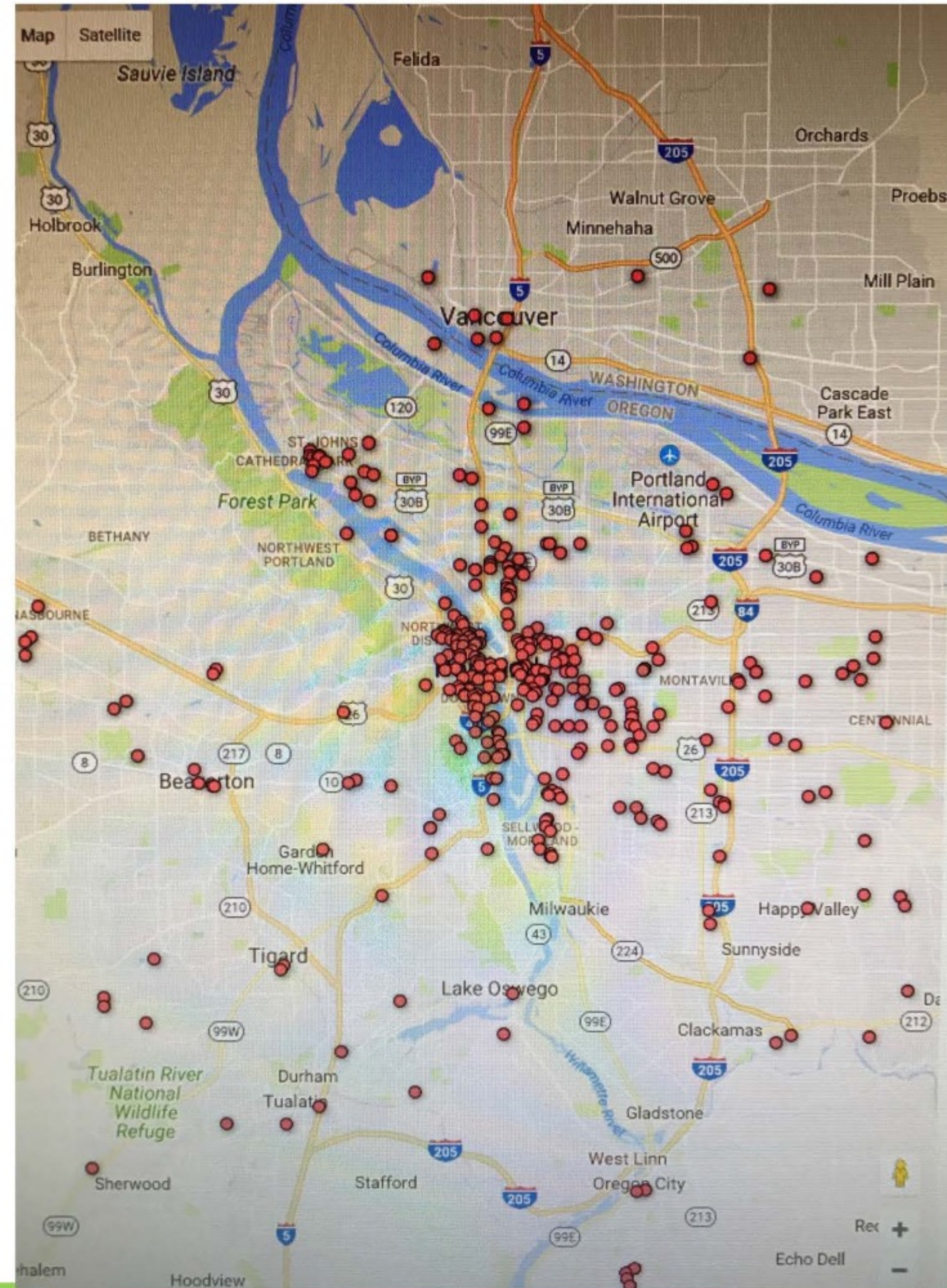


PRODUCT TESTING

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Growth Tracker: *New Portland, OR Construction Projects* 2015





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