**UPCOMING ACTIVITIES**

- Preparation will begin for concrete placement of the 1\textsuperscript{st} floor deck.
- Installation of underground plumbing and electrical is almost complete.
- Installation of a construction barrier within the Keating Building will continue on the upper floors starting on May 23\textsuperscript{rd}.
- Work at the Keating loading dock will begin May 23\textsuperscript{rd} and continue through June 6\textsuperscript{th}. Access will remain open.

**FUN FACTS**

Normal operating pressures for concrete passing through a concrete pumping system are 200 to 260 bars of pressure (2900psi to 3770psi). On the BSRL project, the team has experienced pressures up to 400 bars (5800psi) which is equal to the pressure of being two and half miles under the surface of the ocean!

**View of BSRL construction site from the WEBCAM**
**Vapor Barrier** is a polyethylene plastic sheet that is placed just below the reinforcement of the concrete slab in order to control moisture migration through the concrete. The use of under slab vapor barriers has long been regarded as an effective, economical way to accomplish moisture control. The proper installation of an effective vapor barrier beneath the concrete has been proven to eliminate issues that arise when moisture migrates into interior spaces, including the adverse effects such moisture has on flooring.
Vapor Barrier and Slab on Grade Complete!
Weekly Progress Photos

North Underground Utilities Nearly Done!

Reinforcement Installed Prior to Concrete

Placement of Concrete at South Areaway

View of Placement Nearing Completion