

NorthEastern States Materials Engineer's Association

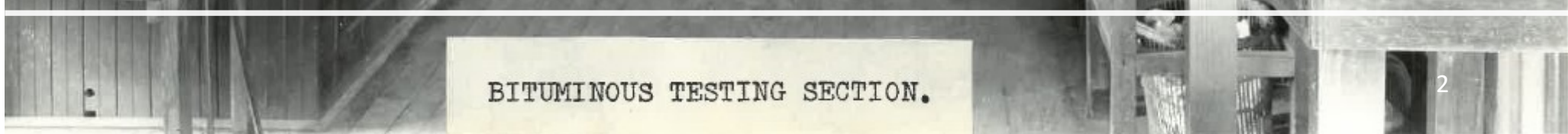
100th Annual Meeting

October 15-16, 2024

Springfield, MA



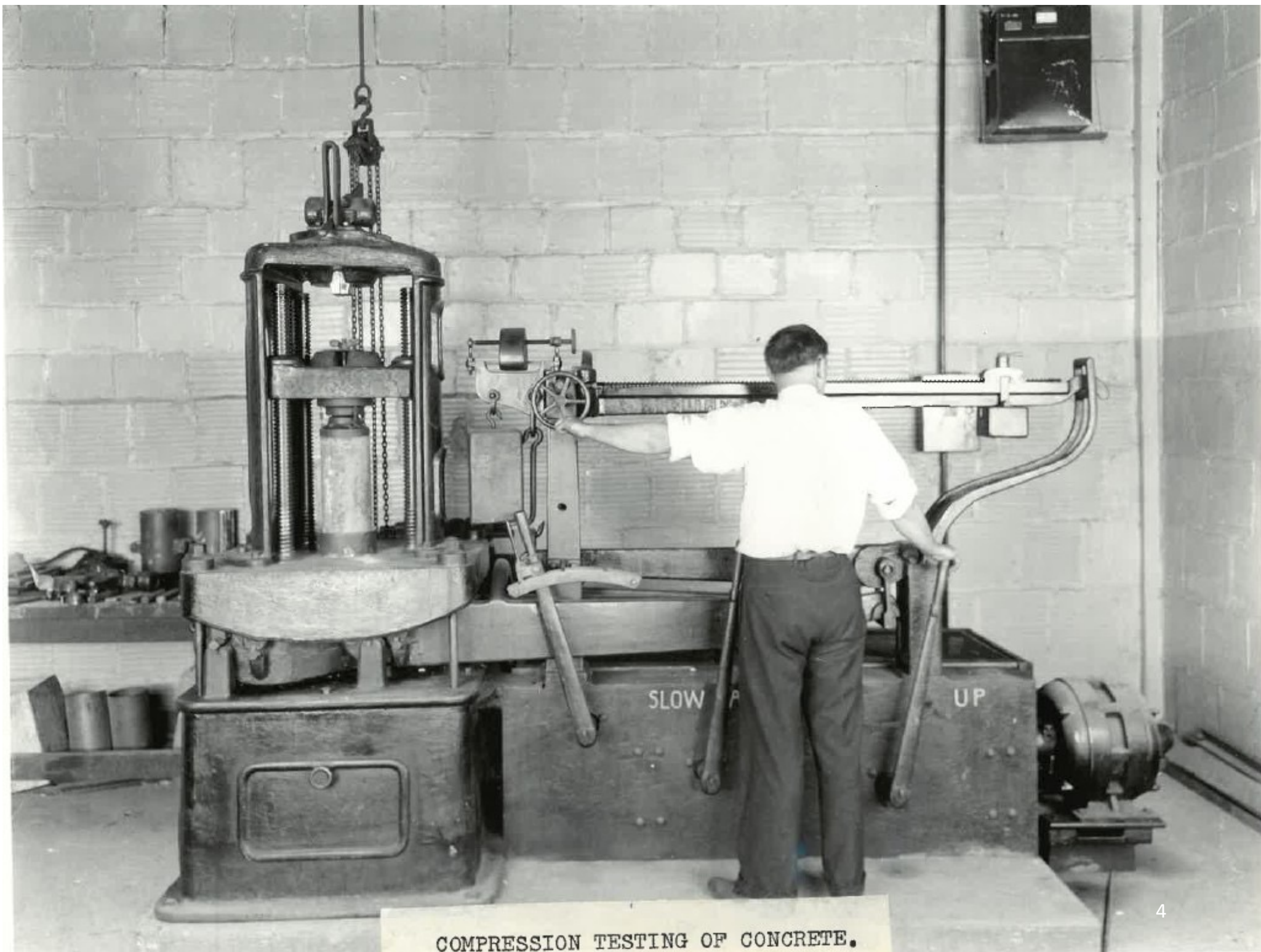
1921 Highway Testing Laboratory Established



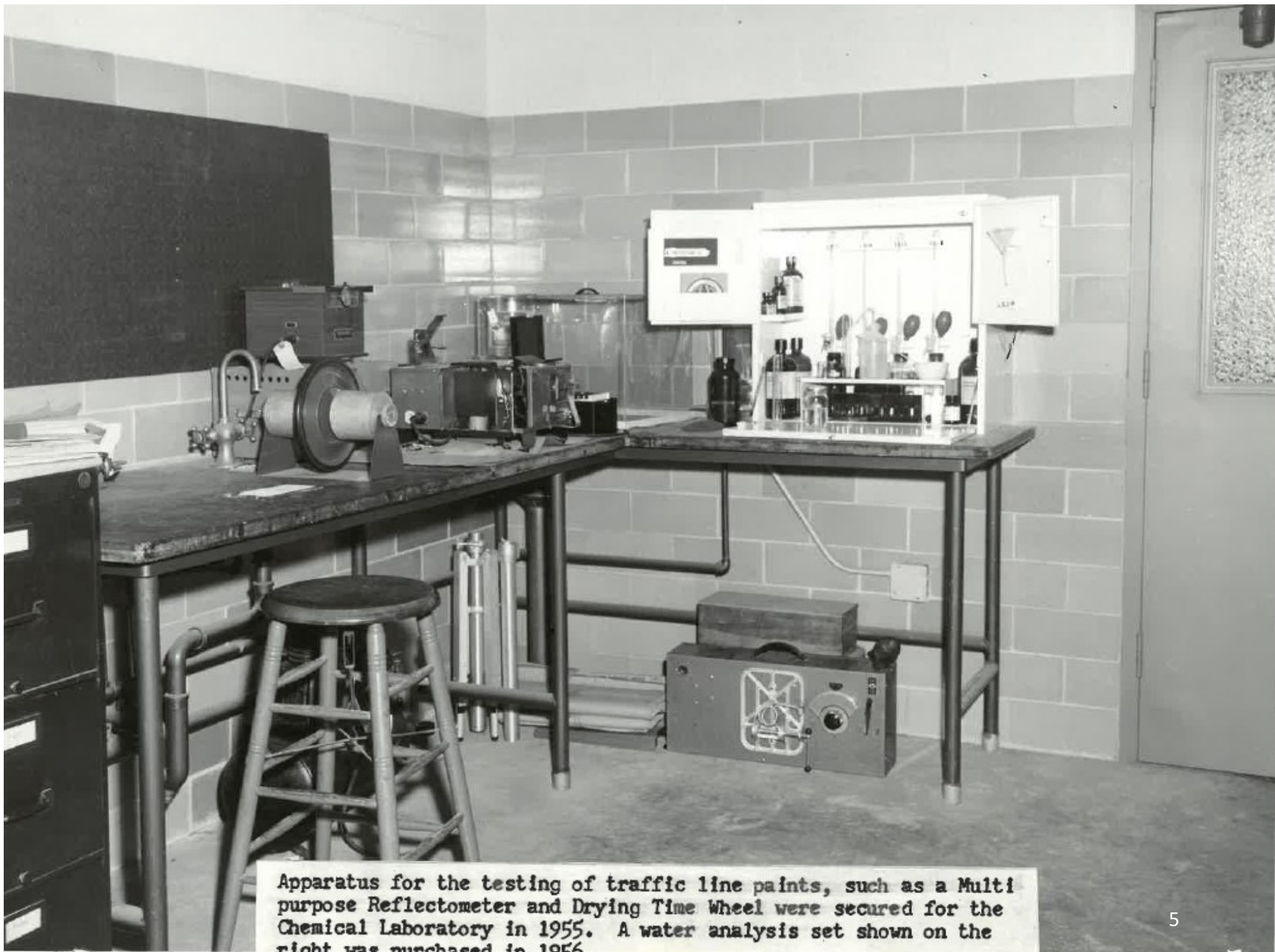
BITUMINOUS TESTING SECTION.



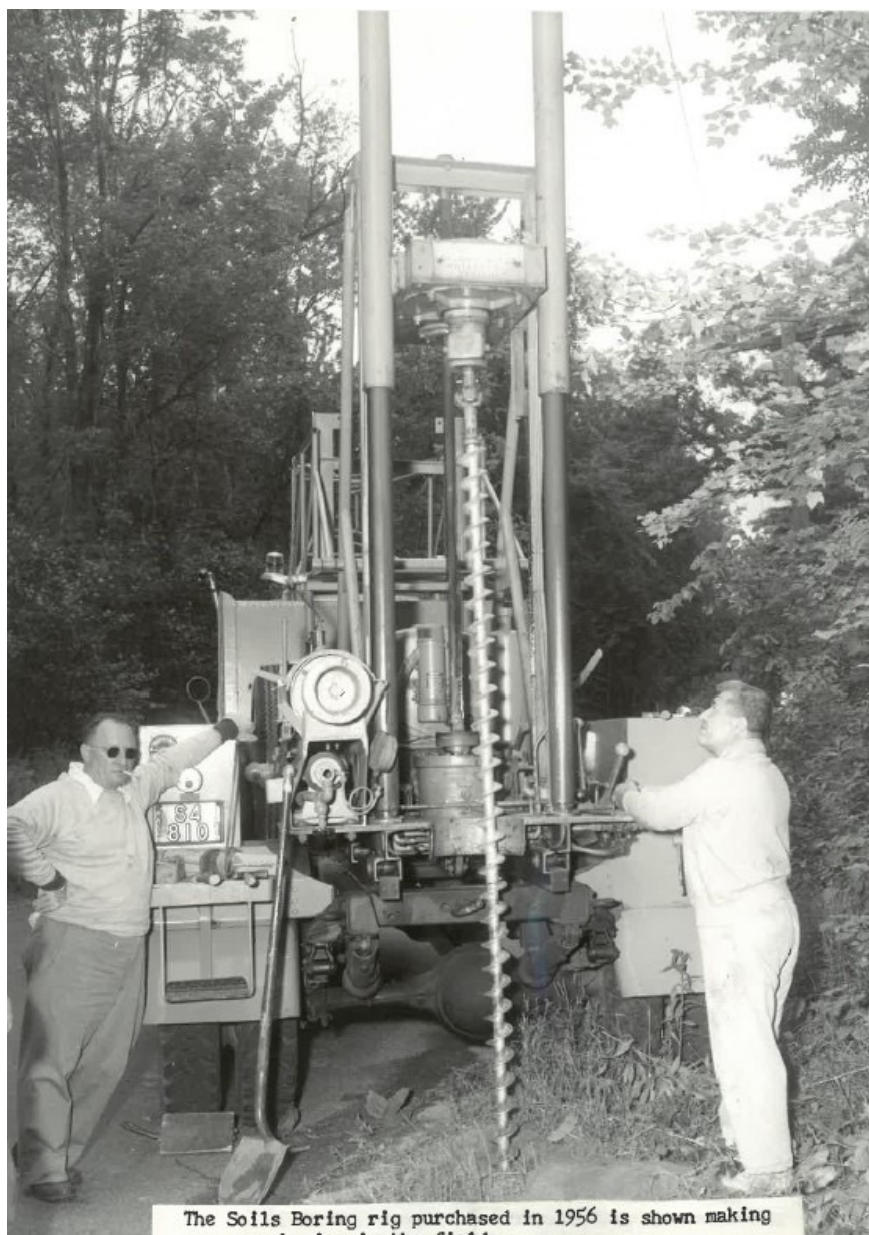
AGGREGATE TESTING.



COMPRESSION TESTING OF CONCRETE.



Apparatus for the testing of traffic line paints, such as a Multi purpose Reflectometer and Drying Time Wheel were secured for the Chemical Laboratory in 1955. A water analysis set shown on the right was purchased in 1956.



The Soils Boring rig purchased in 1956 is shown making an auger boring in the field.



Field Sampling of a Soil-Cement Pavement is performed by laboratory personnel as part of a research project.

Research and Materials Laboratory

- MassDOT's central materials laboratory with 7 individual labs
- AASHTO Accredited
- Testing materials for more than 500 construction projects, more than 3,000 samples per year
- Conducting research projects with academic partners to improve the quality of materials used in construction
- Maintaining the Qualified Construction Materials List for the state
- Managing verification and Independent Assurance programs
- Developing and maintaining MassDOT specifications



The Future

