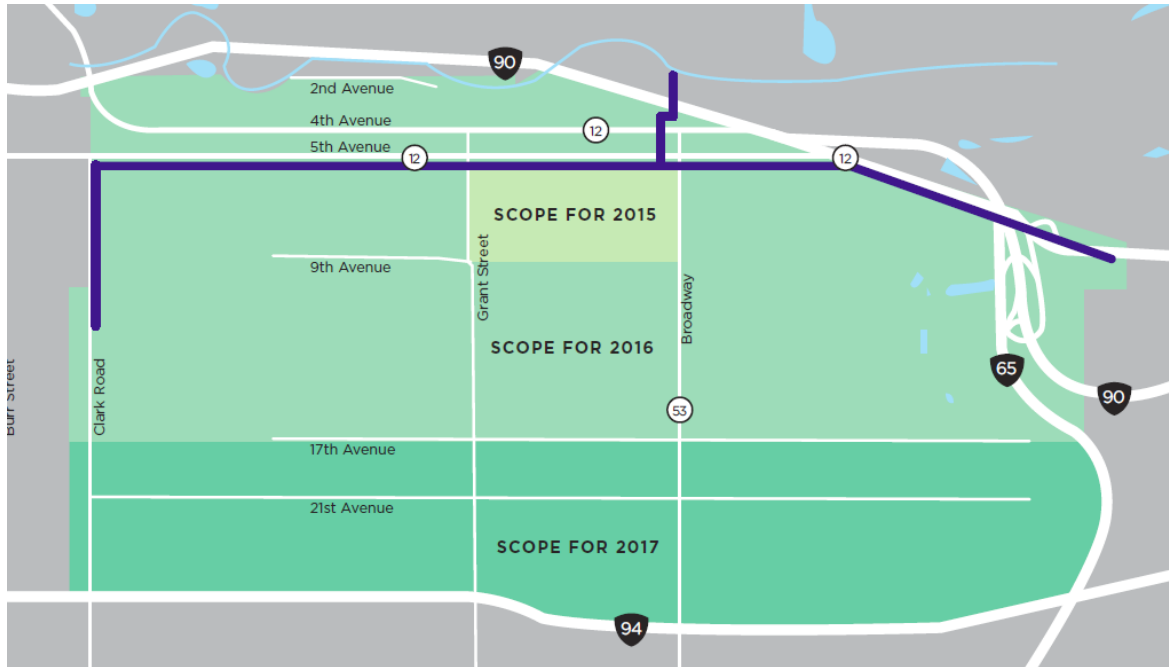




Project Description: NIPSCO GAS System Improvements

Scope of Work: In 2015 Nipsco, as part of its Infrastructure Modernization Plan, began a 3-year project to replace or upgrade over 60 miles of bare steel natural gas lines in Gary, IN, providing safer and more reliable service to the residents. Project scope more than \$10M with Falk PLI engineering services at \$50K.



While many of our clients rely on us for our industrial measurement expertise and laser technologies, the requirements of this project required the fundamentals in land surveying – the backbone of all our services.

For Phase II and III of the project Falk PLI was contracted for construction services including:

- Project Management scheduling field personnel, twenty (20) weekly progress and scheduling meetings, site visits, and project execution.
- Project Engineers location verification and calculations, field crew support, and topographic maps.
- 180 hours of land survey crew to perform construction layout services along with topographic and boundary surveys in the designated areas.

To efficiently designate the path of over 60,000 ft. of 2", 4", 6", and 8" pipe including elevations, T-intersections, and points of curvature Falk PLI used a Trimble WIFI GPS and Robotic Total Station. Resulting in Falk PLI synchronizing with NIPSCO and contractors to safely provide accurate construction layout services for the 2016 Gary Bare Steel Replacement project meeting the demands of the project's schedule and budget.