

JOHN LANG, P.E.

Senior Consultant

EDUCATION

M.S., Engineering Management, University of Missouri – Rolla

B.S., Civil Engineering, Washington State University

PROFESSIONAL LICENSES

Professional Civil and Environmental Engineer – Oregon

Professional Civil Engineer – Washington and California

EXPERIENCE

John Lang has more than 40 years of experience working with municipal public works and engineering organizations. He has designed or managed the planning, design and construction activities of more than 100 sanitary sewer, storm sewer, wastewater, and transportation projects. He has developed and managed annual operating and capital programs and their budgets ranging in size from a few thousand dollars to those in excess of \$700 million. His broad range of project and organizational management experience with public works agencies has strengthened his knowledge of the public and political issues associated with this work and allowed him to develop a high level of skill in working with these agencies, their staff, elected officials, stake holders and residents. He has earned an outstanding reputation for leading projects that achieve high levels of positive community response and support.

In the course of his career, John has held key positions for the City of Portland, Oregon, including Public Works Administrator, City Engineer, Director of Environmental Services, Sewerage System Administrator, and Chief Transportation Engineer. Prior to this he was a design engineer for the Cities of Los Angeles, California and Buena Park, California, and subsequently Assistant City Engineer and then City Engineer for Walla Walla, Washington.

After a successful career as a public works official, John worked for two engineering companies, Century West Engineering and HDR Engineering, where he focused on management of water treatment projects and assisting local government agencies manage their wastewater and water programs and projects. He continues his commitment to public works through his active involvement on a variety of water boards and professional associations.

In addition to his current consulting practice providing management advice to public works agencies and engineering consulting firms, John has associated with Pinnell/Busch, Inc. to provide program management services on large public works projects and capital improvement programs. Using his consulting, facilitation, and mentoring skills; he specializes in:

- ◆ Management and leadership development
- ◆ Strategic planning and organization reviews
- ◆ Benchmarking and performance measures
- ◆ Employee motivation and team building
- ◆ “Value Planning” for capital programs
- ◆ Program and project management

SELECTED EXPERIENCE

John Lang has been responsible for managing several municipal engineering and public works organizations and several large capital improvement projects and programs. These include:

- ◆ **Walla Walla Washington City Engineer** - John was responsible for the engineering, maintenance, and operation of the transportation, sewer collection, wastewater treatment, and potable water services provided by this City with a population of 25,000.
- ◆ **City of Portland Public Works Director and City Engineer** - John was responsible for managing the planning, design, construction, operation, and maintenance of the City's transportation and sewerage systems. He reported to an elected City Council member and routinely represented the Department's activities to the City Council, residents, regulatory agencies, and the media. Responsibilities included the management of:
 - 900 employees
 - 2,200 miles of streets and bridges
 - 2,500 miles of sewers and storm sewers
 - 2 wastewater treatment plants with a 310 mgd capacity
 - Annual budgets in excess of \$100 million.
- ◆ **City of Portland's \$700 million Combined Sewer Overflow (CSO) program** – John managed the development and implementation of the strategy for managing the program, design and construction of a three mile long, 15 foot diameter tunnel, a 50-mgd wet weather treatment plant, and numerous smaller projects to reduce or collect storm runoff. He created broad community support for the program and was able to report to the City Council that the work was ahead of schedule and under budget at the conclusion of this initial program phase.
- ◆ **City of Portland's Sewer Capital Improvement Program** – John managed this \$100 million annual program including the establishment of a process to ensure improvements were provided “just in time” and at a reduced cost from previous forecasts. Through his efforts, he achieved a \$20 million reduction in annual program costs.
- ◆ **Clackamas County Sewer District No. 1** – John developed and led the public involvement process to find and select new wastewater treatment facility sites.
- ◆ **Oak Lodge Sanitary District's Master Wastewater Plan** – John led a “Value Planning” process to identify and evaluate cost saving solutions for implementing.
- ◆ **City of Portland Wet Weather Wastewater Treatment Plant** - Developed and managed the site study for a new wet-weather wastewater treatment plant that resulted in three neighborhoods requesting the City Council to build the treatment plant in their neighborhood.
- ◆ **City of Portland's Mid-County Sewer Program** – John managed the \$250 million project to design and install 400 miles of new collector sewers serving 50,000 properties in east Portland. Good public relations and political support were developed for the program and its work was completed under budget and ahead of schedule.
- ◆ **Professional Peer Reviews** – John has conducted peer reviews for the Engineering Departments of San Francisco, California and Gresham, Oregon.

- ◆ **Strategic Planning and Benchmarking** – John has led several public agencies through the processes of strategic planning and benchmarking.
- ◆ **City of Portland Downtown Transit Mall and Light Rail improvements** - Project Manager for design and construction changes to Portland streets to accommodate transit and light rail in downtown.
- ◆ **Oak Lodge Sanitary District** – Assisted the district with evaluating and selecting a Contract Delivery Method for their Wastewater Treatment improvements.
- ◆ **HDR** - As Principal-in-Charge of many of HDR Oregon's water and wastewater projects, John met with clients to ensure project needs were addressed and that the HDR team provided the highest quality service and product. Projects included:
 - Canby, Oregon's Water Master Plan
 - Canby, Oregon's Ultra-violet Drinking Water Disinfection
 - St Helens Oregon Membrane Water Treatment Plant
 - Salem, Oregon's Water Master Plan
 - Salem, Oregon's Wastewater Lab and Administration Building
 - Water Vulnerability Assessments for the Cities of Portland, Vancouver, and the South Fork Water Board
 - Vancouver, Washington's Comprehensive Water Plan
 - Medford Oregon's Wastewater Treatment Improvements

PROFESSIONAL AND PUBLIC SERVICE ACTIVITIES

- ◆ American Society for Engineering Management, Past National President
- ◆ Oregon association of Clean Water Agencies, Past President
- ◆ American Public Works Association, Past National President for its Municipal Engineering Section
- ◆ Century West Engineering Corporation, Board of Directors
- ◆ Canby Oregon Water and Power Utility, Board of Directors
- ◆ Portland State University, Adjunct Instructor for Public Works Management
- ◆ Oregon's American Public Works Association, Instructor for Public Works Supervision