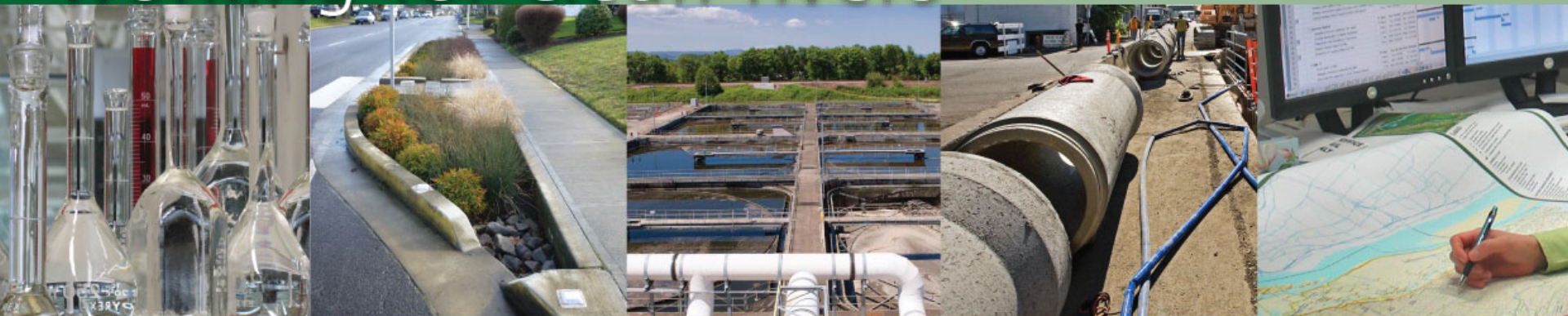


working for clean rivers



Inverness 30-Inch Force Main Repair E10629

Bill Ryan

Chief Engineer

Bureau of Environmental Services

September 21, 2016



ENVIRONMENTAL SERVICES
CITY OF PORTLAND

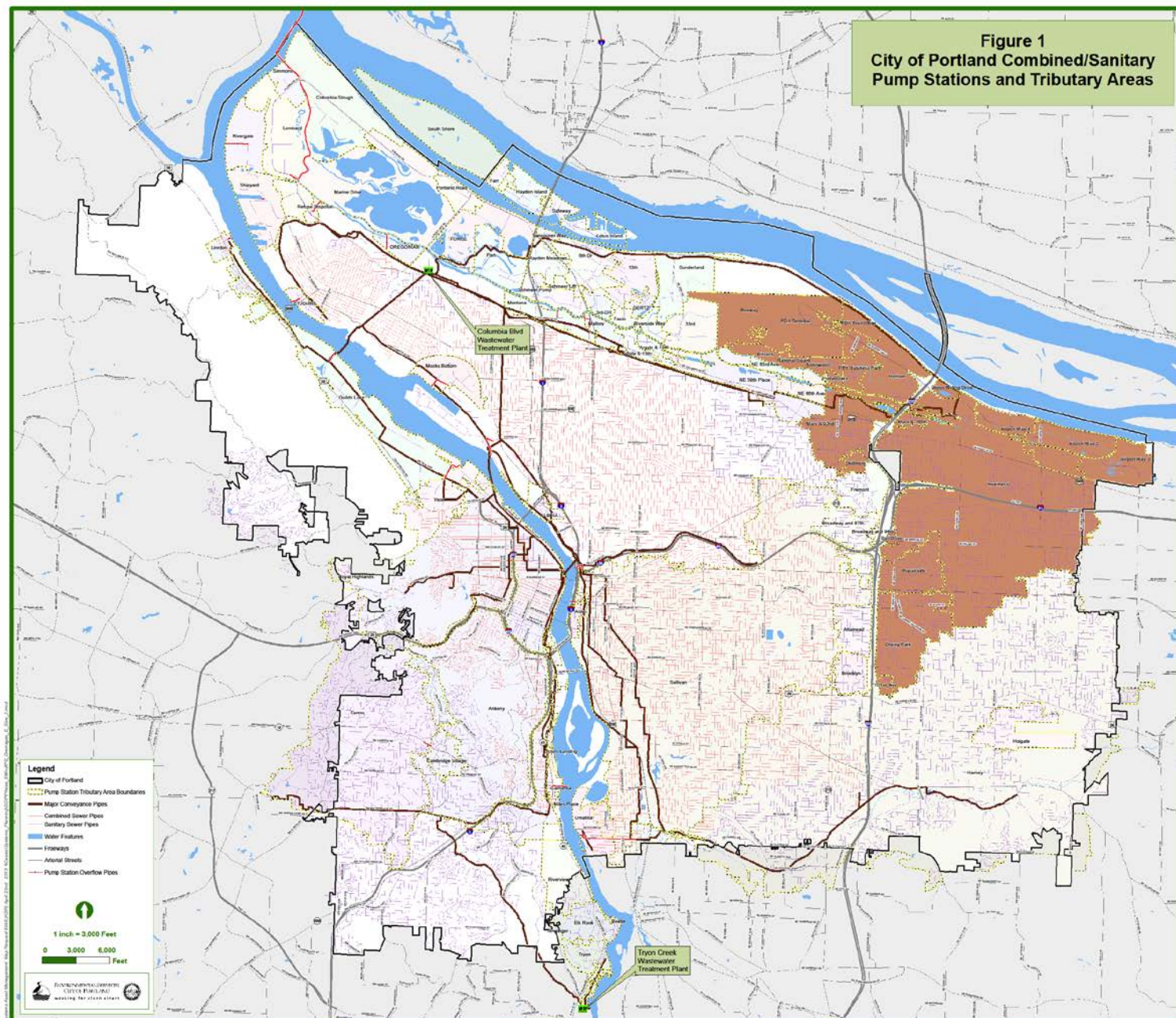
NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR



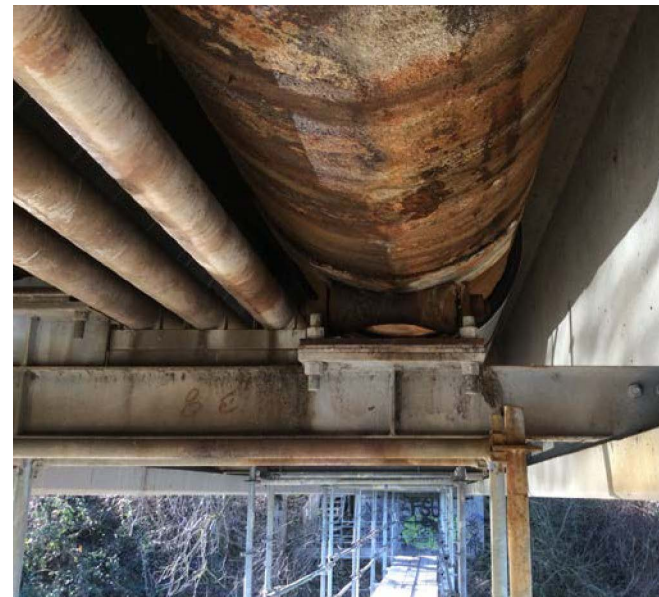
Inverness 30-Inch Force Main Repair



Figure 1
City of Portland Combined/Sanitary
Pump Stations and Tributary Areas



Original Scope



Issues Discovered During Construction



Projected Additional Costs

Repair/replace 40 pipe supports and project impacts =\$350,000

Total request to execute change orders up to \$350,000 over the original contract amount.

Current Contract Value: \$592,460

Requested additional funding: \$350,000

Requested Revised Contract Value: \$942,460

- **Contractor: Titan Utilities, LLC**
- **Design Consultant: Parametrix**

