

# Innovative & Sustainable Infrastructure

## City of Shelton

The City of Shelton has been awarded \$1,500,000 in grant funds from Commerce to construct a sewer diversion system within a large mixed-use project proposed in the City limits. Upon completion, the project will allow sewage generated by this new development to be directed to either the City's Downtown Wastewater Treatment Plant or the new Satellite Water Reclamation Plant. This project represents a successful public-private partnership with several favorable outcomes:

**Efficiency:** The diversion system will ensure that, as the proposed and future projects in the sewer service area develop, the most efficient use of the existing treatment facilities occurs. This diversion will effectively allow the two existing plants to operate as one large plant.

**Cost effective:** Without a diversion system such as this, the City will be mandated to pursue new or expanded treatment facilities when development in each basin threatens to exceed that basin's capacity.

**Facilitate growth:** Without this capability, development would soon be stopped until the Satellite Water Reclamation Plant could be expanded to accommodate added treatment capacity. Designing and constructing another phased plant expansion could easily take 3-5 years.

**Environmental:** Having the capability to divert flows from the Satellite Water Reclamation Plant would avert potential ecological impacts resulting from an accidental release during a catastrophic event.

