



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Sewer Pipeline Work in Pacific, Algona & Auburn

Phase B of the Kent-Auburn Conveyance System Improvements Project

PROJECT OVERVIEW

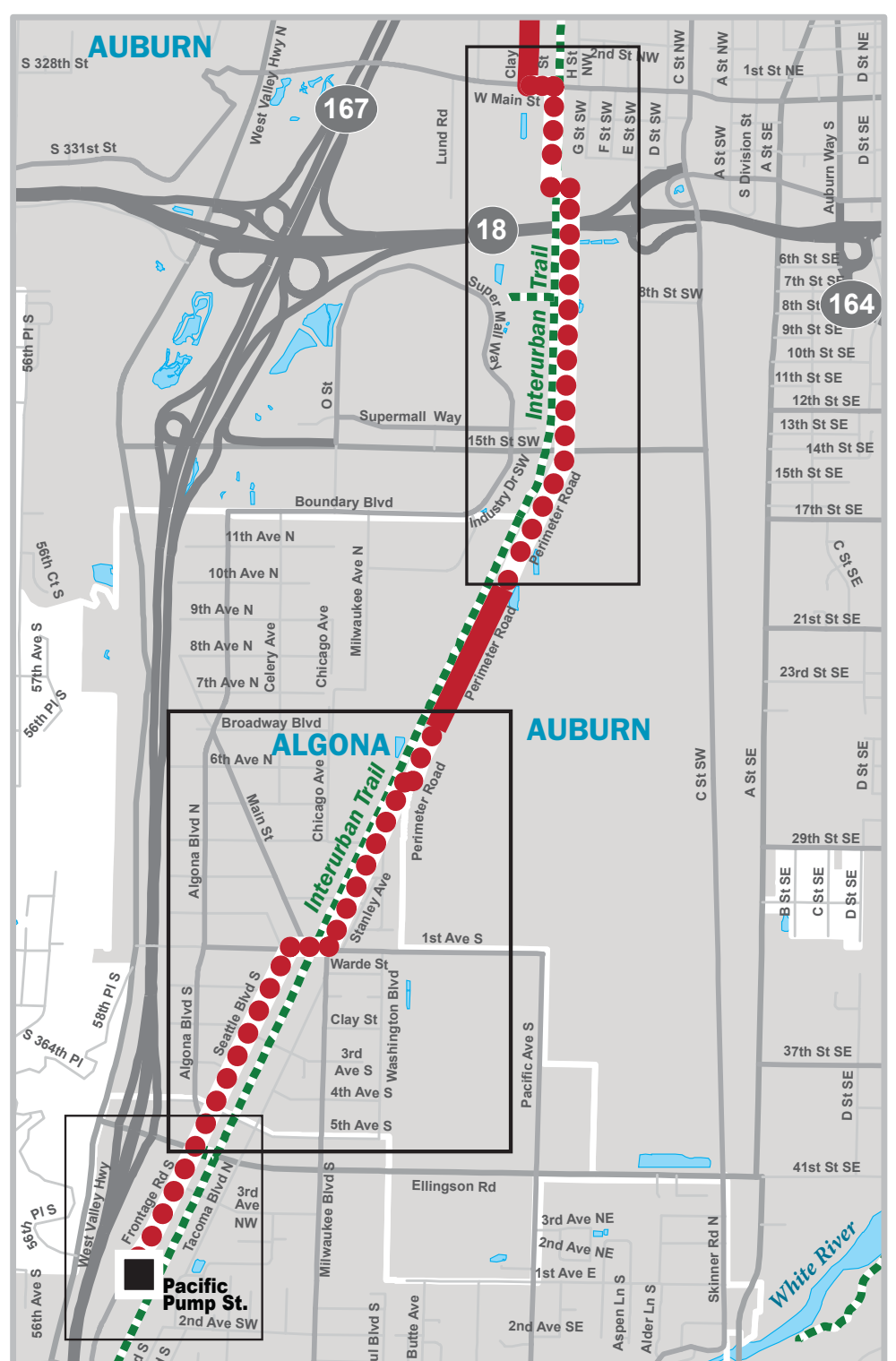
The King County Wastewater Treatment Division has been working to improve the wastewater system in southeast King County. In 2014, the County completed two new pipelines in Kent and Auburn. We are now building the second phase of the project: a new 14,000-foot sewer line in Pacific, Algona, and Auburn.

Why is King County making these improvements?

- To protect public health and the environment
- To continue to provide safe, reliable sewer service as the area grows
- To provide enough capacity to transport wastewater through 2060

Project Facts

- Construction will take place over the next two years
- Work has started now in Algona
- A conveyance system is a series of pipes and pumps which transports wastewater from local sewer systems to a treatment plant where it is cleaned
- Construction schedules and durations are estimates and subject to change
- Information about construction will be provided in advance of construction in each area



2017-18 Project Area

- • • • • New Sewerline
- Existing Sewerline



0 1,000 2,000 3,000
Feet

@KingCountyWTD



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BUILDING A NEW CONVEYANCE SYSTEM – CONSTRUCTION ACTIVITIES

Staging/Setup: The contractor prepares an area for construction work, bringing in equipment, placing fencing and erosion control, and posting traffic control information. The contractor will build access roads along off-street areas such as the Interurban Trail.

- **Impacts:** increased construction activity, vehicles, and traffic; surveying, fence removal, and road building.

Dewatering: Removes groundwater from the work area, making the soils drier and more stable. Crews will install dewatering wells (below ground), and pumps, pipes and trails (above ground). Dewatering usually starts several weeks before construction.

- **Impacts:** Noise; well drilling, piping and pumps visible, temporary traffic detours.

Shoring and Excavation: Shoring is the support system used to hold back soils during excavation for underground construction. Trench boxes or metal sheets will be used.

- **Impacts:** Construction, dust, noise; excavators, dump trucks, and other equipment removing soils; temporary traffic detours and street closures in some cases.

Pipe installation and backfill: Once the shoring and excavation are in place, the pipe is placed in the trench and covered. As a section is completed, crews will begin a new pipe section. This type of construction is called “open cut” or “cut and cover.”

- **Impacts:** Temporary traffic detours and street closures in some cases, construction traffic and equipment; noise, dust and vibrations.

Restoration: Crews will restore all disturbed areas – including streets, roads and landscaping – to pre-construction conditions. Crews will repave or patch and paint any roadway impacted by construction.

- **Impacts:** Temporary traffic detours, work on private properties in some areas. Along Seattle Boulevard South, crews will widen the roadway by one foot on the west side of the street.





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WHAT TO EXPECT DURING CONSTRUCTION?

**Multiple crews are working
at the same time in different
locations**

**Work is approved to take
place during these times:**

AUBURN: 7 a.m. to 7 p.m. Monday
through Friday, and 9 a.m. to 6 p.m. on
Saturday

ALGONA: 7:30 a.m. to 6 p.m. Monday
through Friday, and 9 a.m. to 6 p.m. on
Saturday

PACIFIC: 7 a.m. to 7 p.m.
Monday – Saturday

Work at the Ellingson Road and Frontage Road
intersection will occur nightly from 7 p.m. to 5 a.m.,
Monday through Saturday, though some work may
occur between 9 a.m. and 2 p.m.

Impacts

- There may be some longer hours, and Sunday and night work
- Noise, dust, and vibrations
- Partial or full street closures and detours where construction is along or crosses roads
- Increased truck traffic as crews stage machinery and equipment
- Access to businesses and homes will be maintained, though there may be temporary disruptions
- After construction, all disturbed areas – including streets and roads – will be restored to pre-construction conditions





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CONSTRUCTION IN ALGONA

The new sewer pipeline is being built in two areas in Algona:

Just to the east of the Interurban Trail, between 1st Ave. North & Perimeter Road (near Boeing)

- Work started in July and is expected to take about 3-4 months to complete

Along Seattle Blvd. South, between Algona Boulevard South and 1st Avenue North, then east along 1st Avenue North, connecting to the Interurban Trail section.

- Work is anticipated to start in October and take 5 months to complete.
- Work along Seattle Blvd. South will be divided into sections about a block long each. It is anticipated that work in each section will be completed before construction on a new section begins.



- • • • • New Sewerline
- — — Regional Trail
- - - City Boundary

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CONSTRUCTION TRAFFIC IMPACTS

Work in Algona will typically be from **7:30 a.m. to 6 p.m. Monday through Friday**, and **9 a.m. to 6 p.m. on Saturday**. Some work may occur outside of these hours.

Along Seattle Blvd., expect the following:

- The road will be closed to through traffic – only local or emergency access will be allowed
- Flaggers will assist local traffic around work areas
- Detour signs and road closed signs will be posted to reroute through traffic
- Outside of work hours, vehicle access in and out of driveways will be maintained – likely by placing a metal plate over open trenches
- Walking access to and from homes will be maintained at all times.



During work along 1st Ave. North, expect the following:

- Traffic will be temporarily reduced to one lane
- Flaggers will direct traffic through the work area
- Sidewalks will be temporarily closed near Waffle Park; flaggers will assist pedestrians

In all areas, the contractor is required to maintain access for:

- Emergency services
- Postal and parcel delivery
- Garbage and recycling pick-up