

Sewer System Extension to Ship Creek Tenants

Project Scope

The Alaska Railroad Corporation (ARRC) is pursuing a project to extend the existing Anchorage Water and Wastewater Utility (AWWU) sewer system to provide sewer service to railroad parcels located on the east side of the Anchorage Railroad Reserve, south of Post Road and north of Viking Drive. Most of the parcels located on the south side of Post Road have not had access to the municipal sewer system, and therefore, have had to employ private septic systems and holding tanks to process facility sewage.

In coordination with a number of railroad land leaseholders, the Alaska Railroad proposed a multi-phased approach to extending sewer infrastructure. The first phase constructed a connector from the existing AWWU sewer line (located on the north side of Post Road), to a utility corridor located along a section of old railroad right-of-way (ROW) parallel to and south of Post Road. The ROW includes a narrow roadway – Railroad Avenue – used primarily by property owners and leaseholders. Project phases are located along this avenue, with some segments located along Railroad Avenue from the new connector, east to to Reeve Blvd. The final segment runs from the new connector, west and crossing over Post Road.

Project Benefits

- Extending the sewer system provides important utility access to about 30 Ship Creek area leaseholders who are not currently connected.
- Providing access to the sewer system allows some leaseholders to expand the size and scope of their facilities, as well as to diversify facility uses. Such expansions can equate to economic

benefits including new jobs, new or increased business services, and more efficient operations.

- Access to the sewer system will lower the cost of business for some leaseholders by eliminating or reducing the need to operate and maintain private septic systems.
- ARRC continues to seek ways to invest in non-operating railroad land to improve its value to potential and existing leaseholders. Railroad customers comprise a critical business segment that provides financial stability and a means for self-sustaining operations for the railroad.

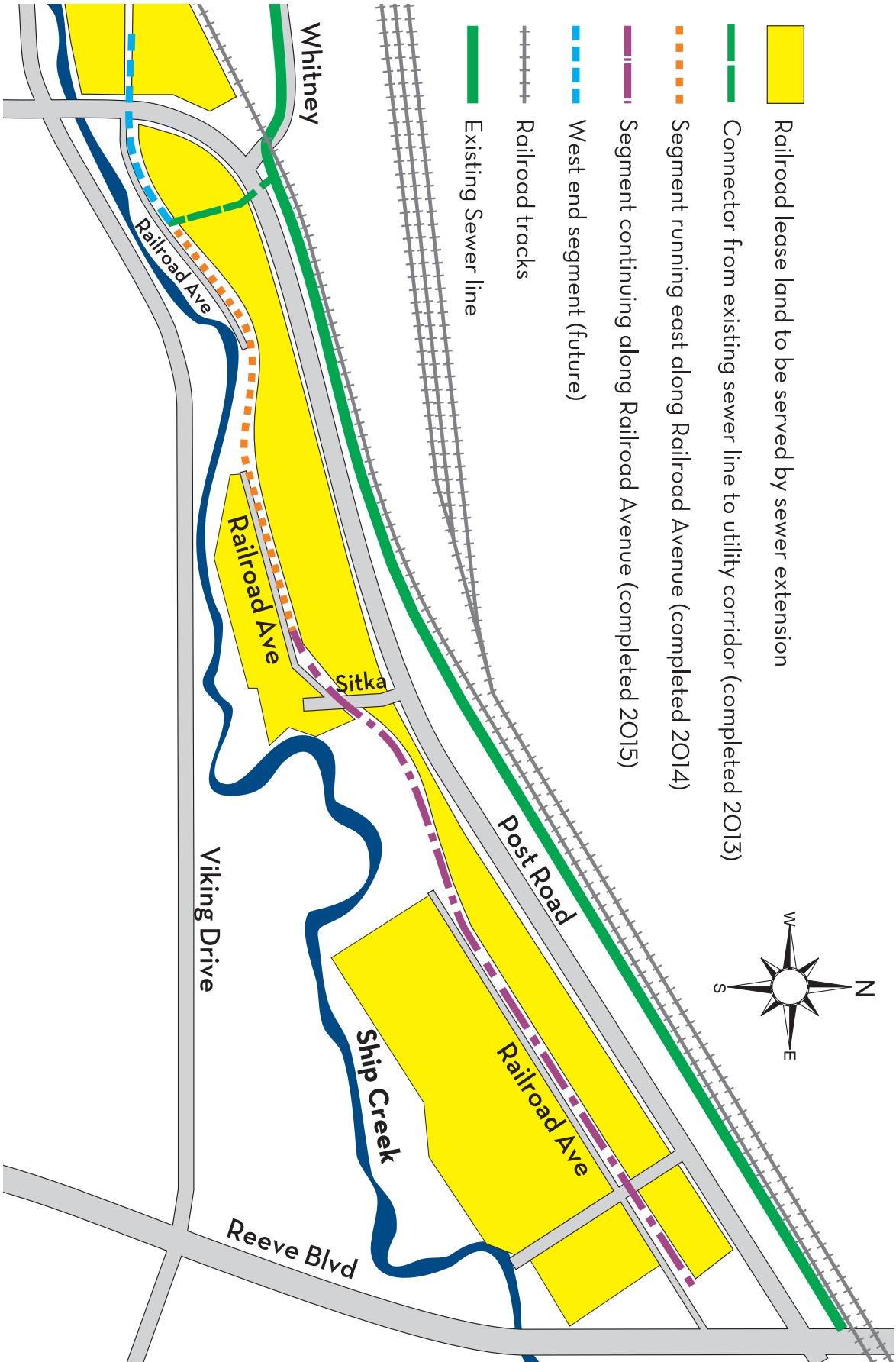
Project Status

- Connector design completed in 2011. Construction of the connector began in 2012 and was completed in 2013.
- Design of subsequent segments began in 2012, and continues as funding and coordination allows.
- In 2014, ARRC constructed the segment from the connector to just west of Sitka Street.
- In 2015, constructed the segment from just west of Sitka Street, east all the way to Reeve Blvd.
- Construction on the final segment (from the connector, west over Post Road) is slated for the future, pending successful coordination with AWWU and with tenants served by this segment.

Project Costs

Design and construction of this infrastructure project has been underwritten by ARRC funds generated by railroad business activity. \$60,000 is budgeted to complete the design of the west end extension. Total project cost is about \$2 million.

Phased Ship Creek Area Sewer Extension Project



- Railroad lease land to be served by sewer extension
- Connector from existing sewer line to utility corridor (completed 2013)
- Segment running east along Railroad Avenue (completed 2014)
- Segment continuing along Railroad Avenue (completed 2015)
- West end segment (future)
- Railroad tracks
- Existing Sewer line