

SES Water Project



Mann Road Water Pipeline Replacement Project Fir Island, Washington (Completed 2015)

Proponent: Skagit PUD

Reference: Chris Shaff, Skagit PUD

Telephone: (360) 848-4435

Semrau Engineering & Surveying performed a route survey along Mann Road on Fir Island in Skagit County in preparation for a water pipeline replacement project. This route covered approximately 2,300 LF. The topographic and boundary survey was adjusted to State Plane Coordinates. The base map included both plan and profile views.

Project Manager: Mark Semrau, PE, PMP

SES Team: John Semrau

Ronald Ridgway

Michael Krieger

N. 30th St, Division St, Digby Rd Survey Mount Vernon, Washington (Completed 2014)

Proponent: Skagit PUD

Reference: Mark Handzlik

Telephone: (360) 848-2170

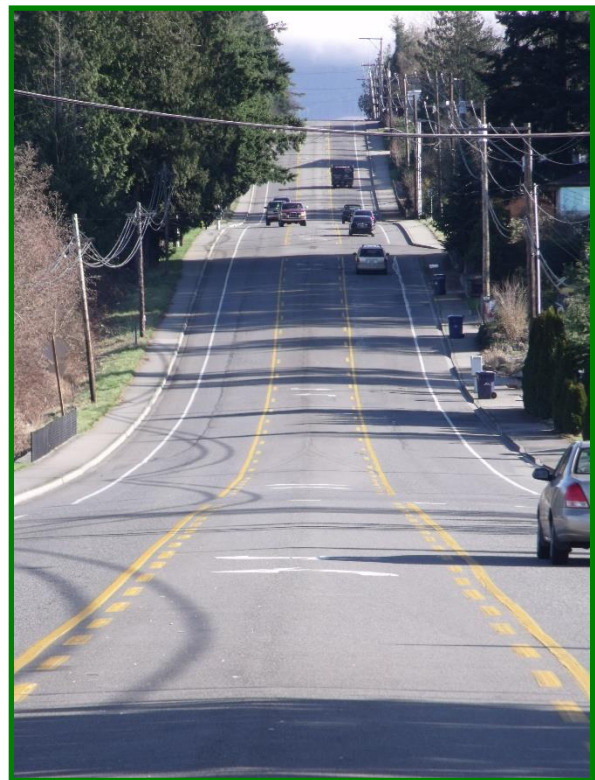
Semrau Engineering & Surveying performed a route survey along N. 30th Street, E. Division Street, and Digby Road in Mount Vernon in preparation for the design of new water transmission and distributions pipelines. This route covered approximately 10,000 LF. The topographic and boundary survey was adjusted to State Plane Coordinates.

Project Manager: John Semrau, PE, PLS

SES Team: Ronald Ridgway

Michael Krieger

Nathan Semrau



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Worline Road Water Pipeline Replacement Bow, Washington (Phase 1 Completed 2010) (Phase 2 Completed 2015)

Proponent: Blanchard-Edison Water Association

Reference: David Lohman
Telephone: (360) 766-8900

Semrau Engineering & Surveying designed approximately 14,000 LF of water pipeline replacement along Bow Cemetery Road, Worline Road, and Ershig Road for the Blanchard-Edison Water Association. Specific tasks include preparing base maps, designing water system improvements, and preparing bid documents. The project was selected to improve fire-fighting capabilities based on a hydraulic model analysis.

Project Manager: Mark Semrau, PE, PMP

State Street Route Survey Sedro-Woolley, Washington (Completed 2013)

Proponent: Skagit PUD

Reference: Mike Benton, Skagit PUD
Telephone: (360) 848-4439

Semrau Engineering & Surveying performed a route survey along State Street in Sedro-Woolley in preparation for a water pipeline replacement project. This route covered approximately 6,000 LF. The topographic and boundary survey was adjusted to State Plane Coordinates. The base map included both plan and profile views.

Project Manager: Mark Semrau, PE, PMP

SES Team: John Semrau
Ronald Ridgway
Michael Krieger

