LESLEY STRUTHERS, EIT
Transportation Engineer

Total Professional Experience:

- 3 years

Education:

- BS, Material Science Engineering, University of Washington, 2004

Professional Registrations and Licenses:

- EIT, Civil Engineering
- Member, American Association of Metals, 2004
- Member, NSBE, 2004
- Member, NACE International, 2004

Brief Summary of Experience:

Lesley Struthers has performed a wide range of traffic studies over the past several years. She is experienced in traffic impact analyses and has asisted in the development of traffic impact fees for several communities in the Puget Sound region. Ms. Struthers also has experience in writing specifications and cost-estimating.

SR20/Nevitt Road Reconstruction; Burlington, WA: Ms.Struthers was project engineer for the development of PS&E documents consistent with WSDOT requirements for the signalization and channelization of the SR 20/Nevitt Road intersection. Ms. Struthers worked closely with the entire project team to develop the channelization plan for WSDOT approval and preparation of the signal permit. The project included a new alignment and a new intersection.

First Avenue South Traffic Improvements; Normandy Park, WA: Ms. Struthers is part of the GSAI team preparing preliminary engineering and plans, specifications and estimates (PS&E) for the improvement of approximately 1/2 mile of First Avenue South, between South 192nd Street to South 200th Street. In addition to data collection, Ms. Struthers has a key role in assisting the GSAI project manager with keeping to an aggressive project schedule and ensuring that the deliverables are consistent with WSDOT standards.

Technology Transfer and Training;U.S. EPA Headquarters,Office of Superfund Remediation and Technology. Ms. Struthers has been providing review for RODs and assorted environmental reports in support of another consultant's contract with EPA.

Burnside Bridge Inspection; Portland, OR: Ms. Struthers assisted with a pre-construction and post-construction evaluation and detailed crack monitoring of the Burnside Bridge in response to the City of Portland's Bureau of Environmental Service's installation of a deep manhole near the bridge on Naito Parkway.

Makah Ferry Feasibility Study; Port Townsend, WA and Vancouver Island, BC: As part of the Makah Ferry System Feasibility Study, Ms. Struthers conducted an Environmental Permitting Analysis to determine the type and level of permitting required for each concept location as specified in NEPA, SEPA, and Canadian regulations. Critical environmental issues and permitting requirements were analyzed which would impact the selection of a preferred location for future ferry service across the Strait of Juan de Fuca, connecting Neah Bay, WA and the southwestern end of Vancouver Island, BC, Canada. Prepared a technical report summarizing work activities, assumptions, findings, and recommendations for permits at each of the four concept locations.

Holgate Street Railway Crossing Traffic Analysis; Seattle, WA: Ms. Struthers assisted in addressing the WSDOT Rail Office's need for a traffic impact analysis to evaluate the potential closure of the Holgate Street Railway Crossing located between First and Fourth Avenues South in the City of Seattle. The project included gathering roadway data to document conditions on the existing roadway that included roadway information, average daily traffic volumes, turning movement traffic volumes, pedestrian/bicycle traffic, accident data, 20-year growth scenario, planned and programmed improvements, travel time analysis, traffic simulation modeling, grade crossing safety analysis, truck access analysis, transit and non-motorized transport, and emergency response.

Sound Transit Link Light Rail; Seattle, WA: Ms. Struthers performed property searches to determine any pre-existing hazardous conditions. Provided environmental site assessment services during construction at the Ninth and Oliver Property, R/W#CP-001.

Pine Lake Road; Sammamish, WA
Ms. Struthers conducted sight distance analysis.