

GREGG W. FRAZIER- Professional Engineer

Consulting Engineer in Civil Engineering; Highway Design, Construction, Maintenance and Inspection; Traffic Barriers, Bridge End Treatments, signage and pavement markings; Traffic Controls, signals, and Traffic Safety; Accident Investigation; Roadway Drainage, Parking Lot Design, Bicycle Paths, ADA Compliance; Railroad Crossings; Premises Liability, Pedestrian Walking Surfaces, and Slip/Trip/Falls; Utility Relocation

Consulting Engineers & Scientists, Inc.
The Commons at Great Valley
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Malvern, PA 19355

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Birth Date: 4-6-55

CERTIFICATION

Licensed as a Professional Engineer in Washington State, 1984.

EDUCATION

Bachelor of Science in Civil Engineering, University of Wisconsin, 1978

PROFESSIONAL BACKGROUND

Employed by Consulting Engineers & Scientists, Inc. in Malvern, Pennsylvania, since 2012 as a Consulting Engineer. Responsibilities include traffic accident investigation, evaluation of interstate and freeway design, construction, maintenance and inspection; traffic controls, signals and traffic safety; storm water drainage; the design construction, maintenance and operation of streets, highways, intersections, railroad crossings, parking lots, construction work zones, and soil erosion. Additional responsibilities include the evaluation of slip/trip/falls, bicycle path safety, ADA compliance and construction management.

Employed by CH2M Hill, Inc., Bellevue and Tacoma, Washington, from 2004 to 2011 as a Roadway Project Engineer and Team Leader. Responsibilities included civil engineering design with plans, specifications, and estimates for freeway projects. Supervised the roadway design team, and responsible for the production of the project contract documents and design file. Also worked on the civil engineering design of environmental compliance, structures, hydraulics, planning, and other associated responsibilities. Responsible for compliance with ADA and highway standards. Other responsibilities included conducting design quality control checks on highway and signalized intersection plans.

Employed by Parametrix, Sumner, Washington, from 2000 to 2004 as a Senior Roadway Engineer. Lead roadway engineer responsible for final design plans and cost estimate for a Single Point Urban Interchange that had a signalized at-grade intersection and included roadway widening to a four lane divided highway. Also responsible for the layout and design details of block retaining walls, staged construction, supervision of roadway design

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staff and coordination with other discipline leads for hydraulics, bridge structures, and environmental compliance.

Employed by Jacobs Engineering, Olympia, Washington, from 1998 to 2000 as a Senior Civil Engineer. Responsible for the supervision of engineering, CAD, and word processing staff, and the development and evaluation of numerous alignment alternatives based on geometrics, environmental and social impacts, and costs for a freeway to freeway interchange, including an Environmental Impact Statement (EIS).

Employed by Exeltech Engineering, Olympia, Washington, from 1995 to 1998 as a Project Civil Engineer. Responsible for the grading, locating existing utilities, re-location of an adjacent city street, sub-surface drainage, and location of a 300' by 8' high soldier-pile retaining wall to retain an unstable hillside. Also responsible for the preliminary design of the re-location of an interstate highway Interchange and the horizontal and vertical geometric layout of an ADA compliant pedestrian bridge.

Employed by HNTB Corporation, Bellevue, Washington, from 1985 to 1995 as a Civil Engineer. Responsible for design of sections of an Interstate highway, city streets, and signalized/stop controlled intersections, geometrics, paving and pavement marking, grading, drainage plans, construction sequence plans for a 1,900-foot cut and cover lid spanning up to 11 freeway lanes, bike paths and pedestrian plazas on the lidded surface, and supervision of engineering and CAD staff. Prepared five separate Interstate highway contract packages that included plans, specifications, and cost estimates. Additional tasks included coordination and review of sub-consultant's highway design documents and bike path layouts. Other responsibilities included solving construction-related problems during the construction of Interstate highway contracts.

Employed by URS Engineers, Seattle, Washington, from 1984 to 1985 as a Civil Engineer. Responsible for developing highway geometrics, fill and cut slopes, and project quantities.

Employed by State of Alaska Department of Transportation, Juneau, Alaska, from 1979 to 1984 as a Highway Engineer. Responsible for general two lane highway geometrics, culvert design for stream crossings, and minor structural design. Also responsible for design of a potable water supply system that included a 30,000 gallon storage tank, pump, pump house, electronics, water mains, and thrust blocks for a ferry terminal expansion project.

CONTINUING EDUCATION

Boston University, 9 Project Management courses, 2011-2012

PROFESSIONAL SOCIETY MEMBERSHIP

American Society of Civil Engineers