

### 3. REFERENCE MATERIAL AND DESIGN CRITERIA

The following reference material and design criteria were used to frame this study:

- "Homer Hadley (Interstate 90) Floating Bridge, Draft Structural Feasibility Study – Light Rail Conversion", KPFF Consulting Engineers, Inc., September 13, 2001.
- "I-90 Homer Hadley Bridge, Monorail Feasibility Study", Parsons Brinkerhoff, Inc., October 11, 2004.
- "Design Assumptions Used in Design Concept Development", Seattle Monorail Project, Volume VI, Section 2.2, February 10, 2004.
- Monorail Beam Dimensional Requirements: "Monorail Society Website", Technical Pages: ALWEG Beam Comparison Chart, Comparison of ALWEG Beam to Hitachi Type 1 Large Train.
- Hitachi 2 Car Train, Vehicle to Beam Interface: "Monorail Society Website", Technical Pages: Hitachi Rolling Stock.
- Hitachi 2 Car Train, Wheel and Bogey Configuration: "Monorail Society Website", Technical Pages: Hitachi Suspension.
- "Wave Load Analysis of Lake Washington Bridges, Vol. 2 – Analysis and Results, New I90 Floating Bridge", The Glosten Associates, Inc., May 1983.
- "Homer Hadley Floating Bridge Flooding Analysis and Subdivision Recommendations", The Glosten Associates, Inc., December 1994.
- Third Lake Washington Bridge: Design Criteria – Floating Structure.