

Strategic Technical Advisory Team for the Proposed SR 99 Bored Tunnel – Prepared May 10, 2010

Background

The Governor's 2006 Expert Review Panel recommended that WSDOT draw upon national experts to provide management and technical oversight, support, and advice for project implementation. The panel suggested the group include experts in design and construction with experience in the delivery of complex urban projects. The Strategic and Technical Advisory Team was formed to fulfill that function.

Areas of Responsibility

The Strategic Technical Advisory Team provides high-level strategic advice, reviews the management and technical requirements of the program, and focuses on specific areas of concern. Key functional areas include:

- Management strategy and team organization
- Cost estimating and baseline cost, schedule, and configuration management
- Risk identification, sharing, management, and response
- Contracting strategy, packaging, and legislation changes
- Contractor/manufacturer pre-qualification, engagement, and early involvement
- Fire/life/safety system baseline requirements
- Security
- Geotechnical investigation, baseline, and risk management
- Adjacent structure protection
- Geometric structural and systems criteria and guidelines
- Portal interfaces and contracting strategy
- Tunnel operations buildings structures and systems interfaces
- Transition strategy from existing to new corridor
- Environmental baseline elements for environmental review process
- Quality assurance/quality control
- Safety of working environments, construction, and operations

Members

- Ron Paananen, Program Administrator, WSDOT
- John Reilly, John Reilly Associates International, Co-Chair Strategy
- Brenda Bohlke, Myers-Bohlke, Co-Chair Technical
- Harvey Parker, Harvey Parker Associates, Geotechnical, Tunnel, and Fire Life & Safety
- Dwight Sangrey, Consultant, Risk and Cost
- Walter Mergelsberg, Consultant, Construction and Owner
- Gregg Korbin, Consultant, Tunnel Boring Machine
- Jan Keiser, J. Keiser & Associates LLC, Contracting and delivery

This team is supplemented by a list of more than 80 experts who are called on to recommend technical actions in the specific areas of responsibility listed above.