

September 28, 2006

WSDOT Design-Build Peer Exchange

WSDOT Construction Office

WSDOT Design-Build Peer Exchange

Special points of interest:

- HQ's Role in Design-Build
- Lines of Communication
- Communication with Industry
- Design-Build Work Group
- Design-Build Guidance Development

The purpose of the Design-Build Peer Exchange is to facilitate an open exchange of information on experiences, concerns,



I-5 Everett HOV Project

and opportunities pertaining to the use of the Design-Build Contracting method,

specifically decision-making processes and their outcomes.

An additional purpose, one that will benefit the future of Design-Build at WSDOT, is to identify and document information related to decision making processes that warrant widespread dissemination of best practices and other guidance to WSDOT Regions, Project Staff, Contracting Partners, and Consultants.

Peer exchange panel members are from the I-405 Bellevue, I-405 Kirkland, I-5 Everett HOV Lanes, and Tacoma Narrows Bridge projects.



Tacoma Narrows Bridge Project

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HQ's Role in Design-Build

HQ's role in Design-Build has been defined by five major areas of concentration. 1) Identify WSDOT's Program of Design-Build Projects; 2) Develop and Integrate Design-Build Processes

and Procedures; 3) Pilot Alternative Best-Value Applications; 4) Develop a Competitive Design-Build Climate; and 5) Establish working relations with Industry, Resource Agencies, and

within WSDOT. As part of an organizational development effort tasks have been identified and assigned that support the major areas.

Design-Build Lines of Communication



1925 Road Project

There are two distinct major lines of communication on Design-Build projects. The first, is the line between the Project Team and the Design-Builder, The second, is the Project Team with support organizations and other stakeholders. The Project Team is the center, or the hub for all project communications. The design-build approach provides the owner with a single line

for communication. This single line of communication simplifies communicating and reduces the chances for misunderstanding .

Within the owners organization is the other major line of communication. Although Project Teams are encouraged to work autonomously, there is a need to maintain open line of communication with support organizations. This open line of communication

will set the stage for working within project time requirements, establishing clear expectations to reduce problems, and when needed, efficiently addressing problems that arise. This will also give the Design-Builder confidence in the WSDOT decision making process that will help in maintaining a strong positive working relationship.

Communication with Industry

“Miscommunication is certain to lead to conflict and legal wrangling.”

As WSDOT works toward fulfilling the role of a responsible owner that continues to promote a competitive market for it's contracting partners as it has in using traditional delivery methods, the demand for clear and open communication has never been higher. If we truly expect industry to be a partner in delivering projects using Design-Build we need to be “transparent” about our means, methods, and expectations. It is commonly know that miscommunication or no communication is certain to lead to conflict and legal wrangling.

To help foster transparency, WSDOT (HQ Construction) has brought back the WSDOT/Associated General Contractors of Washington (AGC)/ American Council of Engineering Companies (ACEC) Design-Build Team to work together as WSDOT moves forward developing its Design-Build Program. By being “transparent” during the development of practices, procedures, and policies WSDOT will develop partners in industry that can deliver one of the largest transportation programs as a team. Transparent relationships

promote collaboration, teamwork, and positive thinking. Consistent transparency will smooth the delivery of projects and continue to attract industry partners for WSDOT that deliver quality project that meet expectations

The last WSDOT/AGC/ACEC Team meeting was held on June 15, 2006. This meeting focused on use of consultants, use of WSDOT manuals, incentives, and co-location to name a few. Minutes for the team meeting are located at: <http://www.wsdot.wa.gov/Projects/delivery/designbuild/Default.htm>.



WSDOT's Design-Build Work Group

The overall goal of this group is to review current project and department documents, processes, and procedures and then develop standard practices, procedures, and strategies for using design-build as a delivery method. The work product of this group will also provide policy decision makers the information needed to make informed decisions.

The Work Group contains members that represent design, construction, documentation,

specifications, environmental, materials, bridge and design-build. Ad hoc members are brought in for specialty areas of work.

To date, the group has produced guidance statements on Design QC/QA/QV, Basic Configuration Development, Project Selection Process, and Use of ATC's. Guidance statements, when concurred with by the Design-Build Policy Team, will be used to update the WSDOT Design-Build

Guidebook. The group has also updated the Design-Build Documentation Checklist and while working with the Design Office to update the Design Manual for Design-Build Projects. In addition, the group is working with Environmental to update the Environmental Strategies Paper for Design-Build projects that was written in 2004. The paper addresses many concerns that Resource Agencies brought forth.

Special points of interest:

- Review Current Practices
- Develop Standard Practices
- Develop Guidance Statements
- Update the Design-Build Manual



Crews demolish a portion of the I-405 bridge over NE 116th Street in Kirkland. The bridge will be demolished and constructed in phases. The new bridge will accommodate an additional lane of traffic in each direction.

WSDOT's Design-Build Policy Team

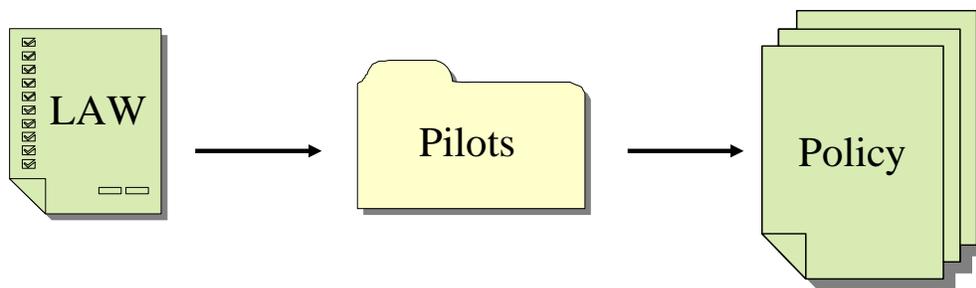
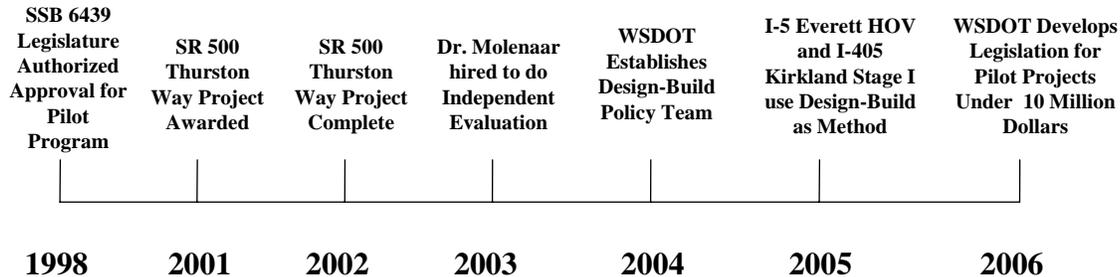
The WSDOT Design-Build Policy Team's purpose is to serve as a decision making team on draft policies that will be moved forward for the appropriate approvals. The team also approves new or revised procedures that are necessary to align them with current or new policies.

The team's vision is to support the development of a successful Washington State Department of Transportation Design-Build Program that produces quality products at competitive prices that benefit the Department and their partners in the contracting community.

Expertise in the following areas complete the team: Construction, Design, Materials, Right of Way, Design-Build Projects, Bridge and Structures, Legal (AAG), Region Leadership, and Environmental.

"A successful Washington State Department of Transportation Design-Build Program"

WSDOT Design-Build: Historical Perspective



Contact and Other Information

Additional information on Design-Build contracting along with other alternative delivery methods can be found at:

<http://www.wsdot.wa.gov/projects/delivery/alternative/>

Contacts for Design-Build or other alternative delivery methods:

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I-5 Everett HOV Design-Build Project—Crews work together as cranes lower and maneuver 25, 82-ton girders in place over I-5 during six nights (three in August and three in September). Placing the girders is a significant milestone in rebuilding the 41st Street Bridge in Everett, which is scheduled to reopen by Thanksgiving.