## VandenBerghe, Alissa (Consultant)

From: Sowers, David

Sent: Wednesday, January 21, 2009 4:46 PM

**To:** Jarnagan, Harry (Consultant)

Cc: Preedy, Matt

Subject: RE: Material from Brown Bag Presentation on Bored Tunnel Construction

## Harry,

Thanks for coordinating and hosting this.

I would also like to hear a presentation from your project management folks who are well versed in contract procurement and construction administration. While John and Lee's talk was a treat for us gearheads in the audience, the John White's of the world need to hear the PM issues (schedule, planning, scoping, risk management) that accompany Design-Build and Design-Bid-Build approaches to delivery of tunneling projects.

## Thanks again,

David Sowers, P.E.
SR-519 Project Manager
Washington State Department of Transportation
206-802-3969 (field office)
206-713-0686 (cell)

From: Jarnagan, Harry (Consultant)
Sent: Wednesday, January 21, 2009 2:26 PM

To: White, John; Preedy, Matt; Greco, Theresa; Williamson, Alec; Madden, Tom; Benito, Roland; Sowers,

David; Amiri, Ali; Lacy, Paul; Anderson, Mark - UCO; Johnson, Paul (UCO); Johnson, R. Paul; Robison, Jim (Consultant); Morrison, Mike (Consultant); Smith, Brian (Consultant); Lemus, Rudy (Consultant); Anderson, Ward; Ellington, Larry (Consultant); Stagner, Karen (Consultant); Oblas, Vic (Consultant); Ludington, Chris (Consultant); Laird, Linea; Visconty, Sasha (Consultant); Mattern, Dave (Consultant); Freudenstein, Angela; Reilly, John; Struthers, James; Dyer, Bob; Stone, Craig; Paananen, Ron; Smith, Rick (UCO); Smith, Helena Kennedy; Allen, Tony; Kapur, Jugesh; Bakotich, Pasco; Boyd, Nancy; Rigsby, Mike (Consultant); Clark, Gordon T. (Consultant); Conte, Rick (Consultant); Mansfield, Cliff (Consultant); Korpi, Dave (Consultant); Van Ness, Kristy (Consultant);

(Consultant); Mansfield, Cliff (Consultant); Korpi, Dave (Consultant); Van Ness, Kristy (Consultant); Grotefendt, Amy; Grotefendt, Amy (Consultant); 'Mauss, Stephen'; Klingman, Kathy; Tharp, Fred; Baker, Tom; Brown, Lloyd; Hopkins, David A.; Chandler, Bob (Consultant); Johnson, Mike; Powers, Bob; 'bob.chandler@seattle.gov'; 'Eric Tweit'; 'Steve Pearce'; Dye, Dave; Rossi, Kathy (Consultant)

Subject: Material from Brown Bag Presentation on Bored Tunnel Construction

Thanks, everyone, for attending the class given yesterday about Tunneling and Settlement Control that was given by John Townsend and Lee Abramson of Hatch Mott MacDonald. We hope that you found it informative.

Attached below are PDF versions of John's and Lee's presentations for your files and reference. Please let us know if you have any questions concerning it.

Thanks again.

<< File: Settlement Control 1-20-09.pdf >> << File: Soft Ground Tunneling w Boring Machines 1-20-09.pdf >>

Harry Jarnagan Deputy Program Manager

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