



Project Briefing

Board of County Commissioners

March 29, 2011

An Innovative Construction Staging Concept

Multnomah County and its consultant team are exploring a construction option for the new Sellwood Bridge which could reduce the project's cost and construction time. Other potential benefits include increased safety for bridge users and construction workers and improved bridge design. The "shoo fly" option involves moving the main spans of the existing bridge to create a detour bridge. Shifting the location of the detour bridge would create an open space where the contractor can build the new bridge in a single, shorter construction phase.

Potential benefits and risks of the shoo fly are being evaluated and compared to the original construction plan.

Why consider this concept?

- The Sellwood project team believes the concept holds the potential to:
 - Shorten construction duration for the bridge by as much as a year;
 - Be safer for bridge users and for construction workers;
 - Achieve several million in cost savings;
 - Allow for more efficient continuous single stage construction versus building the bridge in two stages;
 - Be safer for traffic than the existing bridge because of new, stronger bridge foundations and approaches;
 - Minimize traffic closures to one week or less during the bridge movement.

What is required to accomplish this concept?

- This concept could result in one additional property impact and the impacts require assessment;
- This concept requires important City permits that must be fast-tracked and our team is in discussions with appropriate City staff to establish the process.

What are the steps to moving the bridge and re-establishing traffic?

- The attached graphics depict the steps involved.