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E-Newsletter – February/March 2010

Each month, the Brent Spence Bridge project team will provide an update of work completed in the past month and a brief look ahead at what is to come in the next month.

Work continues in Step 6 of the Project Development Process. The end result of this step is an Assessment of Feasible Alternatives (AFA) document that will analyze the remaining alternatives in more detail.

Environmental work currently underway includes drafting the Environmental Assessment document, noise analysis, finalizing ecological survey reports in both states and initiating the archaeological disturbance assessment survey in the project area.

The Brent Spence Bridge Project Aesthetic Committee and Project Advisory Committee met on January 29, 2010 for an update on the development of the Preliminary Bridge Concepts. The group also provided preliminary feedback on Bridge Type Alternatives to be analyzed during the second step of the Bridge Type Selection process.

A total of 12 bridge design concepts were presented at the meeting. Conceptual bridge types included Truss, Arch and Cable-Stayed designs.

The following aesthetic criteria for bridge type selection were also presented and discussed at the Aesthetics Committee Meeting:

- The new bridge should be visually attractive.
- The new bridge needs to be visible looking “through” the existing bridge (from the east).
- As much as possible, crossing the new bridge should allow views of the surrounding context (unlike existing bridge).
- The new bridge should have distinctive characteristics that identify it as a local landmark.
- The new bridge should have a visual relationship with the existing bridge.

The objective of Step 1 of the Bridge Type Selection Process was to develop and evaluate approximately 18 preliminary bridge concepts. The preliminary bridge concepts were evaluated through a screening process based on functionality and appearance for the purpose of identifying six concepts for the Step 2 conceptual engineering analysis activities.

Bridge concepts to be carried forward into Step 2 of the Bridge Type Selection Process were identified based on results of the January 29th meeting as well as public comments received. These options are as shown on the following page:



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Bridge Type Options

	<p>Arch Bridge:</p> <ul style="list-style-type: none"> • Simply supported arch • Inclined arch ribs (Concept 4, from Step 1)
	<p>Arch Bridge: (New concept)</p> <ul style="list-style-type: none"> • Continuous arch • Vertical arch ribs
	<p>Cable-stayed Bridge: two towers, three vertical legs/tower</p> <ul style="list-style-type: none"> • Various stay cable arrangements (developed from Concepts 6 and 7, from Step 1)
	<p>Cable-stayed Bridge: two towers, three inclined legs/tower</p> <ul style="list-style-type: none"> • Harp stay cable arrangement (Concept 10, from Step 1)
	<p>Cable-stayed Bridge: two towers, two inclined legs/tower</p> <ul style="list-style-type: none"> • Various stay cable arrangements (developed from Concept 9, from Step 1)
	<p>Cable-stayed Bridge: one tower, two vertical legs/tower</p> <ul style="list-style-type: none"> • Harp stay cable arrangement (Concept 12, from Step 1)

A follow-up meeting of the Project Aesthetic Committee and Project Advisory Committee has been scheduled for April 15, 2010 to continue these discussions and begin to finalize a bridge concept for detailed design.

We will do our best to keep you updated on the status of the project as Preliminary Engineering and Environmental efforts continue. Please check the project website (www.brentspencebridgecorridor.com) periodically for more information. As always, feel free to contact us with any questions you may have.



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