

**Louisville - Southern Indiana Ohio River Bridges Project
Indiana and Kentucky Historic Preservation Advisory Team
Meeting – September 27, 2007
Indiana Department of Transportation
Falls City Sub-District Conference Room**

Opening Remarks: Mr. Jeff Vlach, CTS-GEC

Mr. Vlach opened the meeting and thanked everyone for attending. The members in attendance were asked to identify themselves and their affiliation.

Mr. Vlach turned to the Co-chairs, Ms. Wayna Roach, KYTC and Donna Neary KY-SHPO, Mary Kennedy, INDOT and Mr. John Carr, IN-SHPO Rep. Ms. Roach stated this would be her last HPAT meeting because she had accepted another job and would be leaving KYTC.

The meeting was turned over to the members of SDC 5 who began the second round of a three workshop session with discussions of architectural design details of the East End Bridge.

SDC 5 – East End Bridge: Mr. Steve Slade and Mr. Miguel Rosales

Mr. Steve Slade introduced Mr. Rosales to give a presentation of colors. Comments and responses to the presentation are as follows:

HPAT Comments/Questions	Team Response
KY and IN Approaches	
Will we get to see close-ups of the approaches next time? The approaches look busy with the 3 anchor piers.	Yes. We will show renderings of this, including Transylvania Beach. We looked at 4 anchors, but it was very busy.
Will the trees have to be cleared underneath the approach?	Yes. It will probably not be grassy underneath, possibly a crushed stone or something natural. FHWA may require some security here (not necessarily a fence). LWC may want some security also.
The LWC water well system will probably be fenced, which would be right behind the houses on Transylvania Beach Road.	
Concrete Texture Options	
Are coatings standard?	Some states have started using coatings, considering them to be more context sensitive. Miguel suggested that the natural appearance of concrete is preferable and explained that

	imperfections in the concrete can improve the natural look.
From a scuff standpoint, does the coating help any of this?	They will all get stained. The wide shoulders on the bridge will help with this.
Does the coating protect the concrete at all?	The coating does not add anything for long-term wear and tear. The coatings are generally not guaranteed more than 20 years. It was cited that the coatings do peel and can become unsightly over a period of time.
It would be better to have the plain concrete.	Yes, we can prepare a specification for the concrete to get the look we want.
Color Options	
What is the reasoning behind the beige?	Some people have talked about the limestone color in the past, this is representative of that.
On the cables, will they have a sheath over them?	In the US, almost all of the cables have plastic pipe over them. The Sunshine Skyway uses steel pipe, and one other under construction uses steel pipe. The color of the cable is the color of the pipe.
Does this help with corrosion?	Yes. It is also good for aerodynamics, and for keeping the cables clean.
	FHWA is reviewing cable-stayed bridges in light of terrorism concerns and may provide guidance in the near future.
On the Boston bridge, are the cables about the same width as the East End?	Yes, the width of the bridge is very similar, and so the diameter of the cables is similar.
Are the colors mixed on the Zakim?	Yes. The lights are blue for a marine theme.
The gray fits the setting better, since it is more natural. The white and beige seem to stand out more (in a bad way).	
Warm gray is the best (several people agreed with this).	

Other Comments/Questions	Team Response
What is the reason for the two different railings at the roadway edge?	One side is the crash-tested railing for vehicles, and the other is for the pedestrian side. Only the pedestrian side will have to be 6-feet in height. The concrete base is 2'8", the railing can have 8" openings, so the view will still be open.
Will this lighting be for the walkway also?	No, the lighting shown is for the highway.

	There will be additional lighting on the walkway. We will discuss the walkway lighting with the aesthetic lighting.
Will the pedestrian railing be higher on just one side?	FHWA has asked that the railing be higher on both sides.
Will the shape of the edge of the pier cap reduce debris collection?	Yes, it should.
What factors influence the size of the pile cap?	The type of foundation underneath the cap determines this. The preliminary size was determined during type selection, but we now have a model of the structure. We changed the spacing of the foundation piers from the standard 3x the diameter (24 feet) to 2.5x the diameter (20 feet). This reduces the overall size of the cap.
Is the pile cap needed because there are only two towers?	We are using piles in the construction, so we need the pile cap. Putting the cap at the mud line increases the cost out of the budget range. For downtown, there are different conditions. There are 2 channels downtown, and caps at the water level would encroach into the navigation channel.
For the cable attachments to the tower, is the vertical groove still being worked on? Could it be thinner?	The size of the tower and the groove are still being refined. Everything will be rendered again for the next workshop.
	October 12 th will be the end of the comment period for this meeting.

Final Comments: Mr. Jeff Vlach, CTS-GEC

Mr. Vlach noted any comments for consideration by the Co-chairs should be made in writing by the close of business on October 12, 2007. All written comments should be sent to CTS-GEC, 305 N. Hurstbourne Ln. Ste. 100, Louisville, KY 40222.

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TEAM ATTENDEES**

Co-chairs: John Carr – IN-SHPO Rep, Mary Kennedy – INDOT, Wayna Roach – Kentucky Transportation Cabinet, Donna Neary – KY-SHPO

City of Prospect: Ann Simms, Sandra Leonard

Clark County: Carl Kramer

Clarksville Historical Society: Wanda Biggs

Historic Landmarks Foundation of Indiana: Greg Sekula

Jeffersonville Historic Preservation Commission: Laura Renwick

Louisville Metro Planning and Design: Mohammad Nouri

Louisville Metro Historic Preservation: Richard Jett

River Fields, Inc.: Leslie Barras

CTS – GEC: Jeff Vlach
Christa Turner
Chad Costa
John Sacksteder
Jim Hilton
Wisam Raies

SDC 2: JB Williams

SDC 4: Jerry Leslie

SDC 5: Steve Slade
Miguel Rosales
John Carr
Gary Elder
Samantha Wright
Ruchu Hsu
Dennis Baron

Audience: Jadie Tomlinson
George Jones
Kim Mulder
Mark Henke

IN Ombudsman: Carl Percy