

**Louisville - Southern Indiana Ohio River Bridges Project
Indiana and Kentucky Historic Preservation Advisory Team
Meeting – December 13, 2007
TARC Administration Building**

Opening Remarks: Mr. John Sacksteder, 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 then turned the meeting over to Mr. Sacksteder.

Mr. Sacksteder turned to the Co-chairs, Ms. Amanda Abner, KYTC and Janie-Rice Brother KY-SHPO Rep, Mary Kennedy, INDOT and Mr. John Carr, IN-SHPO Rep for any updates.

The meeting was turned over to the members of SDC 2 who began the second round of a three workshop session with discussions of architectural design details of the Downtown Bridge.

SDC 2 Presentation: Skip Smallridge

Overview of Subjects Discussed:

1. Historic Context
2. Riverfront Context
3. Bridge Towers
4. Anchor Piers 2 and 6
5. Piers 7, 8, 9 and 10
6. Bridge and Bridge Approach Interface
7. Bridge Deck Underside
8. Putting It All Together
9. Workshop #3 Agenda

Historic Context

Defining Characteristics

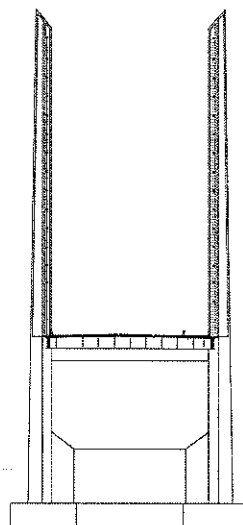
- Church spires above rooftops
- Angular characteristics in Butchertown, Phoenix Hill, Jeffersonville
- Octagonal elements in Jeffersonville

Riverfront Context

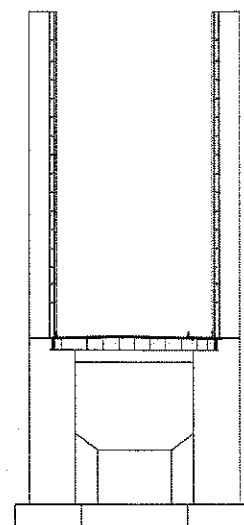
- 2nd Street Bridge angular features
- Louisville waterfront park angular geometry

Bridge Towers

- Tapered/Angular
- Elliptical



Tapered/Angular



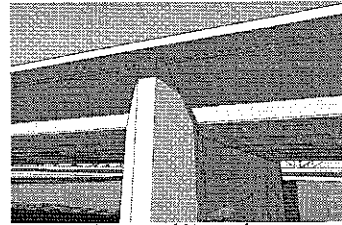
Elliptical

Anchor Piers 2 and 6

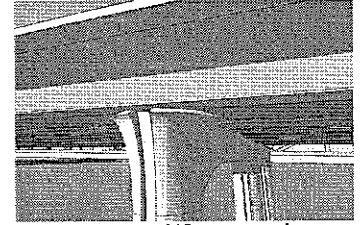
- Tapered/Angular with Straight Pier Cap
- Tapered/Angular with Arched Pier Cap
- Elliptical

Piers 7, 8, 9 and 10

- Tapered/Octagonal with Straight Pier Cap
- Tapered/Octagonal with Arched Pier Cap
- Elliptical



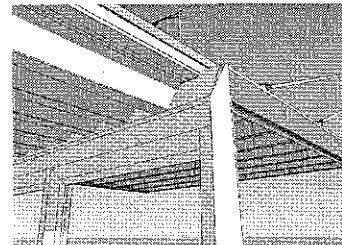
Tapered/Angular



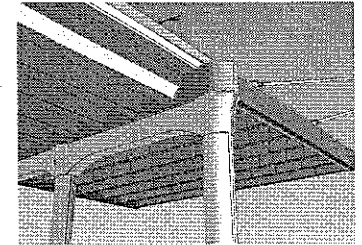
Tapered/Octagonal

Bridge and Bridge Approach Interface

- Proposed cheek wall for addressing the offset between the approach box beam and the main span girder:
 - Tapered/Angular
 - Elliptical



Tapered/Angular



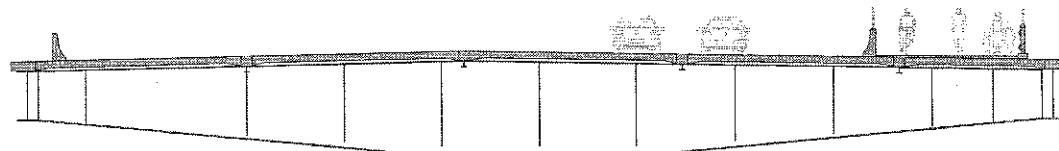
Elliptical

Bridge Deck Underside

- Straight bottom – as designed
- Shaped deck beams with or without metal grille
- False ceiling



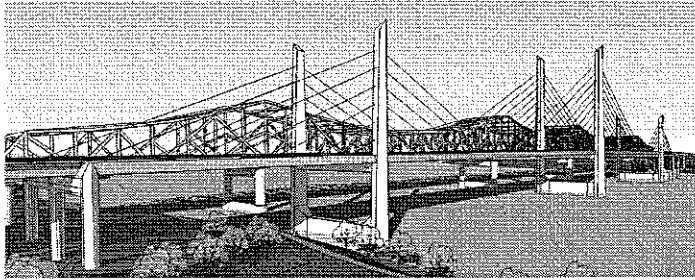
Straight Bottom - As Designed



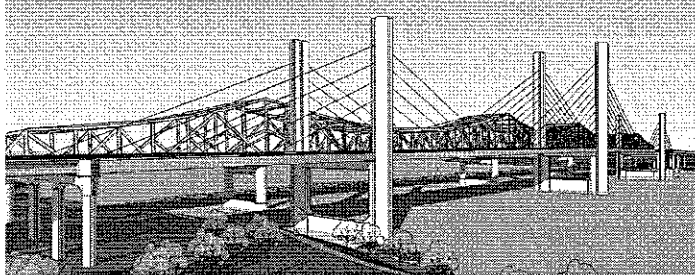
Shaped Bottom

Putting It All Together

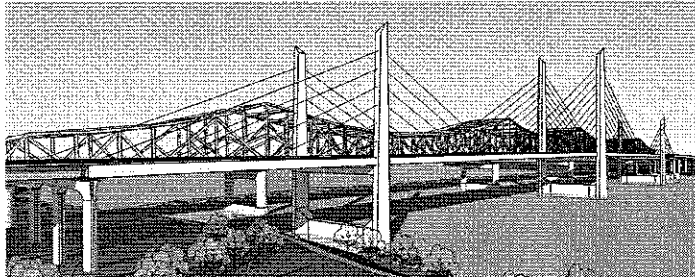
- Option 1** – Tapered/Angular Towers and Piers (all tapered/angular)
- Option 2** – Elliptical Towers and Piers (all elliptical)
- Option 3** – Tapered/Angular Towers and Elliptical Piers (hybrid)



Option 1 -
Tapered/Angular Towers and Piers



Option 2 -
Elliptical Towers and Piers



Option 3 -
Tapered/Angular Towers and Elliptical
Approach Piers

KY/IN HPAT MEMBER PREFERENCES/DESIGN COMMENTS

Bridge Towers:

- Prefer angular/tapered towers
- Due to their massing and form, the elliptical towers and piers seem less elegant.
- The tapered towers and piers compliment the architectural features in the surrounding areas, as pointed out in the presentation (church spires, etc.)
- Elliptical towers are too massive/bulky

Straight Pier Cap vs. Arched Pier Cap:

- Arched pier cap seems more elegant and architectural; a more refined design.
- Prefer arched pier cap design as it is more architectural, prefer tapered angular design vocabulary.
- I like to look at the structure of a bridge and the arches make it more interesting.
- Prefer arched pier cap
- Prefer the arched pier cap – more visual interest
- Arched pier cap is a bit cleaner, less clunky
- Prefer the arched pier cap by far
- Arched caps with tapered piers
- Prefer arched pier caps

Interface Between Bridge and Approach at Piers 2 and 6:

- The elliptical piers pose a more awkward execution at this point; the tapered towers and piers result in a more finished and polished look at this interface.
- Like slanted design option; incorporate some sort of lighting or art into the design.
- Sloped wall seems like a good solution
- Simple – needs to be unified and simple
- Prefer combination of open deck beams and metal grille on either side as in photo on p. 89 of booklet.

Bridge Underside Preferences:

- Not sure at this point – maybe more examples are needed; perhaps some treatment in the parks but not elsewhere?
- Honest treatment of exposed beams preferred over river with some type of specialized treatment along Riverside Drive and Waterfront Park.
- Metal needs paint, and we do not have a great track record for dealing with that. A false ceiling is asking for extra maintenance.
- Cover the underside over Louisville's Waterfront Park and Jeffersonville's Greenway
- Covering to alleviate bird problem seems to make sense – interested in seeing more specifics about lighting possibilities.
- Philosophical argument here: applied ornament vs. form = function. Birds seem to be a major concern; how can you deal with the width of this structure and the complexity of the underside while respecting the integrity of the structural forms with natural world problems, as well as providing (or attempting to) an aesthetic experience for the pedestrian in the waterfront park?
- No cover up
- No hanging decoration such as a dropped ceiling.
- Much prefer the plan on page 89 – open with steel grilles, on both sides.
- No false ceiling

Other Comments:

- I would like to see a consistent design
- Landscaping treatment should be placed around Pier 8 as part of the project, as a mitigating feature
- Bike/ped component of bridge design may be taken out with an amendment to the ROD. If so, bridge approach should be narrowed allowing for more natural light underneath.
- I want honesty of design; simplicity
- Get the designers of the approach with the bridge designers.
- Are you considering the removal of the pedestrian bicycle walkway – given the rise of the Big Four Bridge for that purpose?
- Keep it simple and honest
- Trust the designers

BRIDGE OPTION VOTES – SCALE OF 1 TO 10 (1 least preferred; 10 most preferred – 7 members voted)

Option 1 – Tapered/Angular Towers and Piers (all tapered/angular)

Voting Average: **8.43**

Option 2 – Elliptical Towers and Piers (all elliptical)

Voting Average: **1.71**

Option 3 – Tapered/Angular Towers and Elliptical Piers (hybrid)

Voting Average: **3.43**

RIVER FIELDS COMMENTS

On January 4, 2008, the grassroots organization River Fields submitted in writing their comments on the December 13, 2007 joint Kentucky and Indiana Historic Preservation Advisory Team meeting regarding design aspects of Section 2 (the downtown bridge). These comments are abridged below:

- Option 1 presented relatively less bulk and mass than other options and is preferable.
- Regarding the bridge underside: more examples of actual surface treatments are needed. If possible, would like to see photos or depictions of Woodrow Wilson Bridge or new Oakland Bay Bridge.
- Regarding view from Louisville Waterfront Park path: potential future federal security restrictions under the bridge are a possibility. These restrictions could pose additional Section 4(f) and possibly Section 6(f) impacts on both Louisville Waterfront Park and Jeffersonville Greenway that were not analyzed in the Environmental Impact Statement.

WORKSHOP #3, MARCH 2008

Future input on design details, such as:

- Colors and texture
- Aesthetic Lighting
- Sign Structures
- Roadway Lighting
- Railings and barriers

Final Comments: Mr. Jeff Vlach, CTS-GEC

Ms. Barras requested the Project provide a discussion regarding the mitigation stipulations in the Project MOA. She stated that since it had been 5 years since the document was signed it would be a good idea to update all parties about what stipulations have been completed, what is still pending and what has not started to date. The co-chairs agreed this would be a good idea and they responded to the HPAT the recommendation will be taken back to the BSHCT to discuss how to proceed.

Mr. Vlach noted any comments for consideration by the Co-chairs should be made in writing by the close of business on January 4, 2008. 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, Amanda Abner – Kentucky Transportation Cabinet, Janie-Rice Brother – KY-SHPO Rep

Butchertown Neighborhood Association: Jim Segrest

City of Jeffersonville: Chester Hicks

City of Prospect: Ann Simms

Clarksville Historical Society: Jane Sarles

Historic Landmarks Foundation of Indiana: Greg Sekula

Jeffersonville Historic Preservation Commission: Laura Renwick

River Fields, Inc.: Leslie Barras

Rose Hill: Joe Rafferty

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

SDC 2: JB Williams
Skip Smallridge
Pat Osborne
Rick Fitch
Steve Goodpaster

Audience: Jadie Tomlinson
Matt Bullock
George Jones
Kristen Jordan Leggett

IN Ombudsman: Carl Percy

KY Ombudsman: Lee Walker