



## MEETING SUMMARY

Red Wing Bridge --TAC #11/PAC #8

July 17, 2014

1:00 p.m.

Red Wing Public Library -- Foot Room

Meeting Chair: Chris Hiniker

Minutes by: Kristin Petersen

Present: Chad Hanson, Greg Paulson, Craig Lenz, Nancy Klema, Anthony Wagner, Mohamed Hayek, Jay Owens, Patty Brown, Chris Hiniker, Todd Lang, Dan Dorgan, Debra Moynihan, Abbi Ginsberg, Jacob Bronder, Peter Leete, Ted Seifert, Melissa Schultz, Brian Peterson, David Larson, Bradley Touchstone, Bob Kost, Kristin Petersen, Chad Johnson, Wendy Maves, Barry Barringer, Chris Willger

**Copies to:** PAC/TAC Members

### I. Introductions

### II. Alternatives Analysis (Chris Hiniker, SEH)

#### A. Overview of Past Progress

1. Process began 7 years in advance of 2018 letting due to project complexities
2. Determined River Crossing will remain at its existing location
3. Identified and refined the approach roadway alternatives
4. Decided to proceed with a new 2-lane river bridge
5. Completed rehabilitation study of bridge 9103
6. Identified a recommended river crossing bridge type: Steel Box Girder
7. Identified a recommended alternative on the Wisconsin approach: "Jug handle"

#### B. Recent Developments

1. Added mobility (traffic) as a primary need to the Purpose & Need
2. Three options underwent comprehensive analysis (MN-1, MN-2, and MN-3)
3. Identified MN-3 or "Buttonhook" as the recommended alternative on the Minnesota approach
4. MN-3 allows for additional inside lanes to be constructed to accommodate a potential future second bridge
5. Both MN-3 and No-Build scenario will advance into the Environmental Assessment Process

### III. Environmental Assessment Process (Chris Hiniker, SEH)

- A. This is a detailed impact assessment process to address state and federal laws
- B. Many of the studies are currently underway and will be taking place over the coming months
- C. The analysis and draft documentation will be completed by around the end of the year
- D. Followed by an agency and public review/comment period
- E. The environmental process should be complete by about Summer 2015
- F. After which Final Design will begin
  1. Not yet determined; Design/Bid/Build, Design-Build or CMGC

### IV. Preliminary Bridge Design (Todd Lang, HDR)

- A. Now that bridge type is selected, they are reviewing and refining pier locations, clearances, and horizontal and vertical alignments including proximity to ADM
  - B. Radius of the buttonhook is now slightly larger to provide a tangent into the intersection with TH 61.
    - 1. Q: Is there an acceleration lane? A: There is a right turn lane.
      - a. Ted Seifert requested that the design team study providing an acceleration lane. (Similar to Tyler Road, freeflow rights). Nancy: don't know if you have the traffic levels to warrant this, traffic levels really drop off here. Jay: 30 mph zone should be pushed farther south to that signal system. The City wants this signal to be like Old West Main...this becomes the entrance...makes it feel like you need to slow down
  - C. The approach profile is pretty much the same
  - D. Starting to look at staging, the best time of the year for the construction letting, and potential cost savings
  - E. Early coordination with the Coast Guard confirmed minimum clearances to be met
  - F. The required clearance from Normal Pool Elevation to the low steel elevation is 62', allowing 2' encroachment within 35' of the piers for the haunches
  - G. Navigational clearances, at high water and normal pool, both need to be met
  - H. RR requires vertical clearance of 23'-4", which we far exceed with a clearance in excess of 50'
- V. Design Updates (Chad Hanson, MnDOT)
- A. Architectural history study looking at historic properties and their viewsheds was recently completed, 13 properties will be watched closely
  - B. Archeological study going on over the next few months and the results will feed into the EA
  - C. Have found contamination, additional borings will help clarify and quantify issues
  - D. Foundation drilling in the channel for soil properties and bedrock depths taking place in next couple of weeks
  - E. SUE contract (Subsurface Utility Explorations) to locate depths of public and private utility locations will require more drilling in the coming months but will be wrapped up by August
- VI. Visual Quality Process (Bob Kost, SEH and Bradley Touchstone, Touchstone Architecture)
- A. Process to determine aesthetic elements of the project (colors, lighting, railings, piers, trails, walls, etc.). Process will address the bridge as well as features on the approach roadways
  - B. Visual Quality Advisory Committee (VQAC) includes 10 representatives from MN and WI
  - C. The VQAC kicked off in April and just held its third of eight meetings
  - D. Focusing on river crossing bridge first, then railing, lighting, design refinement
  - E. September workshop planned to focus on the MN and WI approaches
  - F. Final product of the process will be a Visual Quality Manual, completed near end of this year
  - G. This is an awesome opportunity to build something with a lasting impact over the next 100 years that displays Strength, Utility, Beauty and sensitivity to Form, Function, and Purpose
  - H. Context settings identified in the process are the Bridge, WI Approach, MN Approach, Mississippi River, Island Campground and Marina, Levee Park/Marina, and Barn Bluff
  - I. Additional vantage points (views) considered in the process include historic downtown Red Wing, Sorin's Bluff, and the Mayo Health Center
  - J. Preliminary renderings and 3-D printed models of two design options were shown to VQAC for preliminary feedback
    - 1. Option A is more contemporary, bold, and angular with steel cable accents and vertical spires

- 2. Option B is a more traditional curvilinear option with a stronger emphasis on the stone texture and historic architectural context of downtown Red Wing
- K. Discussion focused on pier shapes, vertical elements, contemporary versus traditional and also included preliminary lighting, color, and materials
- L. A refined hybrid of the two designs will be presented to the VQAC in August

VII. Public Outreach Update

- A. Listening Session #5 – May 2014
- B. Newsletter #3 will be distributed in August
- C. Public Open House #3 – September 3, 2014 (tentative) 4:30 pm
- D. Project presentation opportunities
- E. Project Website - <http://www.dot.state.mn.us/d6/projects/redwing-bridge/index.html>

VIII. Next Meeting

- A. PAC #9/TAC #12 – September 18<sup>th</sup> 1:00 p.m. to 3:00 p.m. – Red Wing Library Foot Room

If there are errors contained in this document, or if relevant information has been omitted, please contact Chris Hiniker at 651-490-2063.