Rock-On: A New Life for the Rock Island Swing Bridge

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Outline

• Bridge History
• Project Purpose
• Current Conditions
• Design and Approval Process
• Where We Are Today
Bridge History

- 1895  Bridge opens
- 1982  Closes to rail traffic
- 1999  Toll bridge operations end
- 2002  Property goes to tax forfeiture
• January 2009  Demolition begins
• April 2009  City receives $1.3 million ARRA grant
• May 2009  Governor signs 2-year moratorium
• June-November 2009  City completes engineering studies and obtains required approvals
Project Purpose:
Benefits to Inver Grove Heights

• *Mississippi River Regional Trail*
  - Amenity Providing River Access and Views
  - 100,000 annual users

• *Identified as an amenity in 2030 City’s Comprehensive Plan*
  - Great River Road
  - Historical value
Local and Regional Initiatives

- Collaborative Funding Efforts
  - Federal
  - State
  - County
- Simley High School Students
- National Park Service Open House
Current Condition
Current Condition
Current Condition
Design and Approval Process

- **Extremely Tight Timeline** \(\Rightarrow\) **RRA Funding**
  - Less than six months to get:
    - Permits approved
    - Environmental completed
    - Right-of-way acquired
    - Plans & Specifications submitted
Environmental and Permitting Challenges

- **Project Memorandum**
  - Section 106 Process
  - Mussel surveys

- **DNR Waters Permit**
  - City had to own the structure before the permit was granted

- **United States Coast Guard** -
  - **Section 9 Permit**
    - Support proposed project
    - Must remove portions not used for proposed project
Approved Project

• **Refurbish spans 3 & 4; remove piers 6, 7, and 8**

• **Construct two new spans**
  - *Wood Floor*
  - *Weathering Steel*
  - *Designed to look like old trusses*

• **Lights along approach to structure and on bridge**
Where We Are Today

- Rehabilitate Original Spans
- New Spans
## Project Cost and Funding

<table>
<thead>
<tr>
<th>Item</th>
<th>Final Cost Estimate</th>
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<tbody>
<tr>
<td>Preliminary engineering</td>
<td>$196,573</td>
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<tr>
<td>Construction</td>
<td>$1,877,732</td>
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<tr>
<td>Environmental Remediation</td>
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<td>Construction Observation/Administration</td>
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<td>Insurance</td>
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<td>Material Testing</td>
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<td>Contingency</td>
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<td><strong>Total</strong></td>
<td><strong>$2,403,940</strong></td>
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<table>
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<tr>
<th>Final Funding Estimate</th>
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<tbody>
<tr>
<td>Federal</td>
</tr>
<tr>
<td>State (Grant)</td>
</tr>
<tr>
<td>State (Bridge)</td>
</tr>
<tr>
<td>County</td>
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<tr>
<td>City</td>
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<tr>
<td><strong>Total</strong></td>
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<td>Date</td>
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<td>December 14, 2009</td>
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<td>March 2010</td>
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Questions