Sherman Minton Bridge

September 9, 2011
Sherman Minton Bridge
Flowchart for Governor Daniels
The Fix – Global Plating
A + B Bidding

- Contract was bid in 2 parts
  - **Part A** – Includes all pay items in the Schedule of Pay Items
  - **Part B** – Total dollar value of closure days at $100,000 per day
A + B Bidding

- The Great Motivator
  - $100,000 per day incentive for beating closure days bid
  - $100,000 per day penalty for not meeting closure days bid
<table>
<thead>
<tr>
<th>Contractor</th>
<th>Part A</th>
<th>Closure Days</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hall Contracting</td>
<td>$13.9M</td>
<td>135</td>
<td>$27.4M</td>
</tr>
<tr>
<td>Walsh Construction</td>
<td>$17.2M</td>
<td>150</td>
<td>$35.2M</td>
</tr>
<tr>
<td>American Bridge</td>
<td>$16.4M</td>
<td>195</td>
<td>$35.9M</td>
</tr>
</tbody>
</table>
Moving at the Speed of Business

- Bridge Closure – September 9, 2011
- Mandatory Pre-Bid – September 27, 2011
- Contract Letting – October 18, 2011
- Pre-Construction Conference – October 19, 2011
- First Chargeable Closure Day – October 19, 2011
Major Project Quantities

- Cleaning and Painting
Major Project Quantities

- 2.4 M pounds of structural steel
- Just over 1,000 steel plates
- Plates up to 67’ in length
Major Project Quantities

- 55,000 field drilled holes
- 73,000 bolts
6,159 Robbie Hummels
First Steel Arrived December 19, 2011
Structural Steel Placement
Structural Steel Placement
Structural Steel Placement
Structural Steel Placement
Structural Steel Placement
Structural Steel Placement
Structural Steel Placement
Field Drilled Holes for Bolts
Core from Field Drilled Hole
Structural Steel - Bolting
Steel Placement

- Repeat the process 1,000 times
Additional Work

- Deck Patching – 2,600 square feet
Additional Work

- **INDOT Maintenance**
  - Repaired Joints
  - Crack Sealed Approaches
  - Wedged WB Indiana Approach

- **Kentucky Transportation Cabinet**
  - Approach Beam Cleaning Project
  - Approach Lane Reconstruction
Contract B-34425  Sherman Minton Bridge Repair - Weekly Update

Date:  2/17/2012
Report #:  18

Key Dates:
- Bridge Closed to Traffic:  9/9/2011
- Mandatory Pre-Bid Meeting:  9/27/2011
- Contract Letting:  10/18/2011
- Pre-construction Conference:  10/19/2011
- First Chargeable Closure Date:  1/16/2012
- First Structural Steel Received:  12/19/2011
- Work 50% Complete:  1/16/2012
- Bridge Open to Traffic:  2/17/2012
- Pre-Final Inspection

Project Progress:
- Closure Days Charged to Date:  122 out of 135
- Closure Days NOT Charged:  0
- Percent of Closure Days Used:  90.4%
- Percent Complete - Dollars:  95.0%

Weekly Work Summary:
- Steel placement completed on the outside of the upstream tie and the downstream tie.
- Steel placement completed on the inside of both the upstream and downstream ties.
- Completed lateral bracing retrofit on upstream and downstream KY span.
- Completed lateral bracing retrofit on upstream and downstream IN span.
- Blasting and priming completed.
- Traffic markings at the I-64/265 interchange in Indiana were restored back to the pre-closure configuration. Traffic restrictions in KY were also undone and traffic was restored to its normal configuration.

Anticipated Work for Next Reporting Period:
- Work on the intermediate and final coats of paint on the ties will continue with the use of a one lane I-80 restriction during off peak hours (not between 6:00 A.M. - 9:00 weekdays).
Progress Reports

Contract B-34425  Sherman Minton Bridge Repair - Weekly Update

Date:  2/17/2012
Report #:  18

Key Dates:

- Bridge Closed to Traffic: 9/9/2011
- Mandatory Pre-Bid Meeting: 9/27/2011
- Contract Letting: 10/18/2011
- Pre-construction Conference: 10/19/2011
- First Chargeable Closure Date: 10/19/2011
- First Structural Steel Received: 12/19/2011
- Work 50% Complete: 1/16/2012
- Bridge Open to Traffic: 2/17/2012
- Pre-Final Inspection: 

Hall Contracting of Kentucky  $13.9 M
Project Progress:

- Closure Days Charged to Date: 122 out of 135
- Closure Days NOT Charged: 0
- Percent of Closure Days Used: 90.4%
- Percent Complete - Dollars: 95.0%
Weekly Work Summary:

Steel placement completed on the outside of the upstream tie and the downstream tie.
Steel placement completed on the inside of both the upstream and downstream ties.
Completed lateral bracing retrofit on upstream and downstream KY span.
Completed lateral bracing retrofit on upstream and downstream IN span.
Blasting and priming completed.
Traffic markings at the I-64/I-265 interchange in Indiana were restored back to the pre-closure configuration. Traffic restrictions in KY were also undone and traffic was restored to its normal configuration.
Anticipated Work for Next Reporting Period:

Work on the intermediate and final coats of paint on the ties will continue with the use of a one lane EB restriction during off-peak hours (not between 6:00 A - 9:00 weekdays).
Sherman Minton Bridge

September 9, 2011
February 17, 2012

Open

September 7, 2012
Bridge Opening 2/17/2012
Bridge Opening 2/17/2012

YES!!! THE BRIDGE IS OPEN!!