Big Springs West
NH-80-2(100)

Josh Willard
Highway Project Manager
District 6 North Platte
Quick Facts

- Project Awarded to IHC May 30th, 2019
- Contract Cost: $44,560,792.93
- Contract Time: 1056 Calendar Days
- 1.2 Million CY of Earth Fill
- 11 Classes of Concrete totaling 400,000 SY
- 2 New Bridges
- 4 MSE Walls
- 1st day of operations September 16, 2019
- 1st day of concrete production October 25, 2019
- All new pavement open October 14, 2021 (19 Days ahead of Milestone)
- 4 Plan Revisions
- 30 Change Orders
The Team

Interstate Highway Construction
The Challenge
• 3 Phases of Construction split into 7 stages.

• Numerous temporary surfaces to transition traffic

• Multiple I-80/I-76 Merge and Divergence configurations

• Driver Confusion due to significant changes in interchange function
Closed I-80 WB and I-76 Soutbound still accessible at Big Springs and Colorado line by going around traffic control to gain access to closed lanes. Median turnarounds to remain available to access EB/NB lanes.

I-80 WB Closed to traffic. Still accessible to emergency vehicles. Milled Surface

I-80 EB Traffic on inside lane. Concrete barriers near Platte River Bridges.

I-76 Soutbound closed to traffic. Still accessible to emergency vehicles. Milled Surface

I-80 EB Traffic on inside lane at Platte River Bridges with Concrete barriers.

I-80 EB Closed to traffic. Still accessible to emergency vehicles.

Two Way Traffic on EB/NB lanes I-80/I-76

Exit 102 Traffic Pattern as of 6/12/2020
Smart Work Zone
<table>
<thead>
<tr>
<th>Device</th>
<th>Location</th>
<th>Status</th>
<th>Device Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB21 (Sign)</td>
<td>I-76 EB mile 179.10 at Left Side</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB22 (Sign)</td>
<td>I-76 EB mile 179.10 at Right Side</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>RDR 05 (Sensor)</td>
<td>I-76 EB mile 182.75</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB15 (Sign)</td>
<td>I-76 EB mile 182.75 at Left Side</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB16 (Sign)</td>
<td>I-76 EB mile 182.75 at Right Side</td>
<td>Signal Error</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MW 05 (Sensor)</td>
<td>I-76 EB mile 183.85</td>
<td>Signal Warning</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>RDR 10 (Sensor)</td>
<td>I-76 EB mile 183.85</td>
<td>Connection Failure</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>CSI 04 (Camera)</td>
<td>I-76 EB mile 186.00</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB13 (Sign)</td>
<td>I-80 EB mile 96.40</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB14 (Sign)</td>
<td>I-80 EB mile 96.40</td>
<td>Signal Warning</td>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td>MB19 (Sign)</td>
<td>I-80 EB mile 100.00</td>
<td>Ok</td>
<td><img src="image" alt="Image" /></td>
</tr>
</tbody>
</table>
Active Pts EB80 1 Slow Traffic - Today 5:54 AM

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Pits EB80 1 Slow Traffic
Today 5:54 AM
I-80 EB mile 103.10

For more info go here

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Your friends are at the lake!!
You should be too!!
Research and Innovation
Pre-Construction
Phase 2 Stage 1
May 2020
Phase 3 Stage 1

January 2021
Phase 3 Stage 1
June 2021
Phase 3 Stage 1, Showing Stage 2 Closure Pour
July 2021
Thank You