## APPENDIX A: LIST OF ACRONYMS, ABBREVIATIONS, AND SYMBOLS

<table>
<thead>
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<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>AASHTO</td>
<td>American Association Of State Highway And Transportation Officials</td>
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<tr>
<td>ABC</td>
<td>Accelerated Bridge Construction</td>
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<tr>
<td>FFT</td>
<td>Fast Fourier Transform</td>
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<tr>
<td>FEA</td>
<td>Finite Element Analysis</td>
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<tr>
<td>FEM</td>
<td>Finite Element Modeling</td>
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<tr>
<td>FHWA</td>
<td>Federal Highway Administration</td>
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<tr>
<td>PCI</td>
<td>Precast/Prestressed Concrete Institute</td>
</tr>
<tr>
<td>SHM</td>
<td>Structural Health Monitoring</td>
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<tr>
<td>VWSG</td>
<td>Vibrating Wire Strain Gages</td>
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Figure D-20. One-year envelope for north pier 2 in the transverse direction
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Figure D-24. One-year envelope for south span 4 in the transverse direction
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D.3 Closure Grout Stress Envelops:

![Graph showing differential stress envelopes for closure grout sensors between north span 1 and south span 1 (span 1).](image1)

![Graph showing differential stress envelopes for closure grout sensors between north pier 1 and south pier 1 (pier 1).](image2)

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APPENDIX E: SENSOR STRESS CHARTS AND DATA (CD-ROM)
Three years worth of sensor stress charts and data are provided on the attached CD organized in two separate folders:

- Stress Charts
- Raw Data Spreadsheets

The organization of the stress charts and the raw data folders are shown in the following two illustrations.