## Load and Resistance Factor Rating (LRFR) Summary for Steel Girders

### Strength I Limit State

<table>
<thead>
<tr>
<th>Girder Location</th>
<th>Design Load Rating</th>
<th>Service II Limit State</th>
<th>Load Rating</th>
<th>Load Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Service II Limit State

<table>
<thead>
<tr>
<th>Girder Location</th>
<th>Design Load Rating</th>
<th>Service II Limit State</th>
<th>Load Rating</th>
<th>Load Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Load Factors

<table>
<thead>
<tr>
<th>Load Factor</th>
<th>Limit State</th>
<th>Design Load Rating</th>
<th>Service II Limit State</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- Minimum Rating Factors are based on the Strength I and Service II Limit States.
- Allowable stresses for Service II Limit State are as required for Design.

### Comments

1. 
2. 
3. 
4. 

### LRFR Summary

<table>
<thead>
<tr>
<th>Girder Location</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HL-93</td>
</tr>
<tr>
<td></td>
<td>HS-20</td>
</tr>
</tbody>
</table>

### Girder Location Indicators

- **X** - Interior Girder
- **X** - Exterior Left Girder
- **X** - Exterior Right Girder

### Comments

1. 
2. 
3. 
4. 

### Signatures Completed

- MAA/GM
- MAA/GM

### Final Document

- Document No. LRF3
- Date: 12/17
- Rev. 11/12/08
- Rev. 10/1/11

### Department of Transportation

- State of North Carolina
- Raleigh

### Project Number

- County

### Standard

- LRFR Summary for Steel Girders (Non-Interstate Traffic)