**ITEMS INCLUDED IN LOAD RATING (RC07)**

<table>
<thead>
<tr>
<th>BIN</th>
<th>Region</th>
<th>County</th>
<th>Level 1 Rating Method</th>
<th>Level 1 Rating Source</th>
<th>Level 1 Rating Date</th>
<th>Level 1 H Inventory Rating - Tons</th>
<th>Level 1 H Operating Rating - Tons</th>
<th>Level 1 HS Inventory Rating - Tons</th>
<th>Level 1 HS Operating Rating - Tons</th>
<th>Level 1 M Inventory Rating - MTons</th>
<th>Level 1 M Operating Rating - MTons</th>
<th>Level 1 MS Inventory Rating - MTons</th>
<th>Level 1 MS Operating Rating - MTons</th>
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</table>

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<thead>
<tr>
<th>Level 2 Rating Method</th>
<th>Level 2 Rating Source</th>
<th>Level 2 Rating Date</th>
<th>Level 2 H Inventory Rating - Tons</th>
<th>Level 2 H Operating Rating - Tons</th>
<th>Level 2 HS Inventory Rating - Tons</th>
<th>Level 2 HS Operating Rating - Tons</th>
<th>Level 2 M Inventory Rating - MTons</th>
<th>Level 2 M Operating Rating - MTons</th>
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RC07: Load Rating

The Bridge Data Management System (BDMS) Record Code 07 is entitled “Load Rating”. It currently records: Load Rating Methods, Sources, Dates, H and HS Inventory and Operating Ratings, and M & MS Inventory and Operating Ratings. Processing of this data will be done by the Structures Division Load Rating Unit through coordination with the Regional Offices. All data will be processed using a graphical user interface.

ITEM: Level 1 Rating Method
FHWA 63 & 65

PROCEDURE:
Record the method used for calculating the Level 1 H/M and HS/MS Inventory and Operating Ratings. Level 1 Ratings are PE Certified.

CODING:
Rating  Method
1  Load Factor (LFD)
2  Allowable Stress (ASD)
3  Load & Resistance Factor (LRFR)
4  Other
5  Not Used

ITEM: Level 1 Rating Source
FHWA 63 & 65

PROCEDURE:
Record the Level 1 Rating Source of the Level 1 H/M and HS/MS Inventory and Operating Ratings.

CODING:
1 - Manual
V - P.E. Certified Virtis
T - Load Testing

ITEM: Level 1 Rating Date
NYSDoT

PROCEDURE:
Record the date the Level 1 calculations of the H/M and HS/MS Inventory and Operating Ratings were completed on. (Note: This is not the date they are being entered into the Inventory System.)

CODING:
MM/DD/YYYY

ITEM: Level 1 H Inventory Rating - Tons
NYSDoT

PROCEDURE:
Record the Level 1 analysis results for the H Inventory Rating Load in US tons.
RC07: Load Rating

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 H Operating Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 1 analysis results for the H Operating Rating Load in US tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 HS Inventory Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 1 analysis results for the HS Inventory Rating Load in US tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 HS Operating Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 1 analysis results for the HS Operating Rating Load in US tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 M Inventory Rating - MTons**
NYSDoT

PROCEDURE:
Record the Level 1 analysis results for the M Inventory Rating Load in Metric tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 M Operating Rating - MTons**
NYSDoT
PROCEDURE:
Record the Level 1 analysis results for the M Operating Rating Load in Metric tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 MS Inventory Rating - MTons**
FHWA 66

PROCEDURE:
Record the Level 1 analysis results for the MS Inventory Rating Load in Metric tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 1 MS Operating Rating - MTons**
FHWA 64

PROCEDURE:
Record the Level 1 analysis results for the MS Operating Rating Load in Metric tons.

CODING:
000.0 - 999.9
Blank - no rating

ITEM: **Level 2 Rating Method**
FHWA 63 & 65

PROCEDURE:
Record the method used for calculating the Level 2 H/M and HS/MS Inventory and Operating Ratings. Level 2 Ratings are **NOT** PE Certified.

CODING:

<table>
<thead>
<tr>
<th>Rating</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Load Factor (LFD)</td>
</tr>
<tr>
<td>2</td>
<td>Allowable Stress (ASD)</td>
</tr>
<tr>
<td>3</td>
<td>Load &amp; Resistance Factor (LRFR)</td>
</tr>
<tr>
<td>4</td>
<td>Other</td>
</tr>
<tr>
<td>5</td>
<td>Not Used</td>
</tr>
</tbody>
</table>

ITEM: **Level 2 Rating Source**
NYSDoT

PROCEDURE:
Record the Level 2 Rating Source of the Level 2 H/M and HS/MS Inventory and Operating Ratings.
RC07: Load Rating

CODING:
B - BLRS
V - Virtis

ITEM: **Level 2 Rating Date**
NYSDoT

PROCEDURE:
Record the date the Level 2 calculations of the H/M and HS/MS Inventory and Operating Ratings were entered into the Inventory System.

CODING:
MM/DD/YYYY

ITEM: **Level 2 H Inventory Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 2 analysis results for the H Inventory Rating Load in US tons.

CODING:
000.0 - 999.9
** Not ratable
Blank - no rating

ITEM: **Level 2 H Operating Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 2 analysis results for the H Operating Rating Load in US tons.

CODING:
000.0 - 999.9
** Not ratable
Blank - no rating

ITEM: **Level 2 HS Inventory Rating - Tons**
NYSDoT

PROCEDURE:
Record the Level 2 analysis results for the HS Inventory Rating Load in US tons.

CODING:
000.0 - 999.9
** Not ratable
Blank - no rating
ITEM: **Level 2 HS Operating Rating - Tons**  
NYSDoT  

PROCEDURE:  
Record the Level 2 analysis results for the HS Operating Rating Load in US tons.  

CODING:  
000.0 - 999.9  
** Not ratable  
Blank - no rating  

ITEM: **Level 2 M Inventory Rating - MTons**  
NYSDoT  

PROCEDURE:  
Record the Level 2 analysis results for the M Inventory Rating Load in Metric tons.  

CODING:  
000.0 - 999.9  
** Not ratable  
Blank - no rating  

ITEM: **Level 2 M Operating Rating - MTons**  
NYSDoT  

PROCEDURE:  
Record the Level 2 analysis results for the M Operating Rating Load in Metric tons.  

CODING:  
000.0 - 999.9  
** Not ratable  
Blank - no rating  

ITEM: **Level 2 MS Inventory Rating - MTons**  
FHWA 66  

PROCEDURE:  
Record the Level 2 analysis results for the MS Inventory Rating Load in Metric tons.  

CODING:  
000.0 - 999.9  
** Not ratable  
Blank - no rating  

ITEM: **Level 2 MS Operating Rating - MTons**  
FHWA 64
RC07: Load Rating

PROCEDURE:
Record the Level 2 analysis results for the MS Operating Rating Load in Metric tons.

CODING:
000.0 - 999.9
** Not ratable
Blank - no rating