Load Rating Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Structure ID: | **Structure ID** | Analyst: | **Analyst ID** |
| Location: | **Bridge Location** | QC By: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Analysis Date: | **Click here to enter a date.** |

Structure Identification

|  |  |  |  |
| --- | --- | --- | --- |
| Feature Intersected : | **Feature intersected** | County: | **Choose an item.** |
| Material Main Span: | **Select Material Type** | National Highway System Indicator: | **Choose an item.** |
| Design for Main Span: | **Choose an item.** | District: | **Choose an item.** |
| Year Built: | **Year Built** | Administrative Area: | **Choose an item.** |

|  |  |  |  |
| --- | --- | --- | --- |
| Maintainer : | **Choose an item.** | Name: | **Add Bridge Name** |
| Owner : | **Choose an item.** | Emergency Route : | Choose an item. |
| Description | | | |
| Add Description or Clear | | | |

Ratings and Loads

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deck (58): | **Choose an item.** | | Superstructure (59) : | **Choose an item.** | | Substructure (60) : | **Choose an item.** | | Culvert (62) : | **Choose an item.** |
| Design Load (031): | | **Choose an item.** | | | Type of Overlay : | | | **Add Overlay Type** | | |
| Operating Type (063): | | **Choose an item.** | | | Overlay Thickness / Fill Height (in): | | | **Enter Cover/Fill** | | |
| Inventory Type (065): | | **Choose an item.** | | |  | | |  | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Truck** | **Inventory**  **Rating** | | **Operating**  **Rating** | | **Legal** | | **Posting**  **Value**  **(tons**) | **Member** | **Control Location** | | | **Limit State** |
| **Rating**  **Factor** | **Tons** | **Rating**  **Factor** | **Tons** | **Rating**  **Factor** | **Tons** | **Span** | **Location**  **(ft)** | **Percent**  **of**  **Span** |
| Add Truck | Add RF | TON | Add RF | TON |  |  | N/A | Location | Span | FT | Percent | Limit State |
| Add Truck | Add RF | TON | Add RF | TON |  |  | N/A | Location | Span | FT | Percent | Limit State |
| SU4 |  |  |  |  | Add RF | TON | - | Location | Span | FT | Percent | Limit State |
| SU5 |  |  |  |  | Add RF | TON | - | Location | Span | FT | Percent | Limit State |
| SU6 |  |  |  |  | Add RF | TON | - | Location | Span | FT | Percent | Limit State |
| SU7 |  |  |  |  | Add RF | TON | - | Location | Span | FT | Percent | Limit State |
| NE Type 3 |  |  |  |  | Add RF | TON | TON | Location | Span | FT | Percent | Limit State |
| NE Type 3S2 |  |  |  |  | Add RF | TON | TON | Location | Span | FT | Percent | Limit State |
| NE Type 3-3 |  |  |  |  | Add RF | TON | TON | Location | Span | FT | Percent | Limit State |
| EV2 |  |  |  |  | Add RF | TON | TON | Location | Span | FT | Percent | Limit State |
| EV3 |  |  |  |  | Add RF | TON | TON | Location | Span | FT | Percent | Limit State |
| Add Truck | Add RF | TON | Add RF | TON |  |  | - | Location | Span | FT | Percent | Limit State |
| Add Truck | Add RF | TON | Add RF | TON |  |  | - | Location | Span | FT | Percent | Limit State |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Weight Limit  Posting  Requirements | | | Documentation | NE Professional  Engineering Seal |
|  | | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Rating Information Provided: |  | **Plans** |  | **Field Measurements** | |  |  | **Testing** |  | **No Information Exists** | | BrR Computations Submitted : | **Choose an item.** | | | | | Analysis Engine Version : | **Click here to enter text.** | | | | | Additional Comments | | | | | | Click here to enter text or Clear | | | | | |  |
|  | t |  |
|  | t |  |
|  | t |  |
|  |  |  |
| EMERGENCY VEHICLE  AXLE WEIGHT LIMIT | | |
| SINGLE | t |  |
| TANDEM | t |  |
| GROSS | t |  |
|  | | |
| The Rating and Posting values for this structure are based on a theoretical analysis of the structural elements involved and on a limited amount of information concerning the structural condition. These weight limits are intended only as a general guideline and may be varied accordingly by the officials responsible for this structure after an investigation of the structural condition, reaction to vehicular loads and any other items where judgment is required to establish a proper weight limit. | | | | |

BR Form 465, version 1.0 [Updated: 01092018]