

BRIDGE LOAD RATING SUMMARY FORM

BRIDGE DATA

Bridge Number: _____
 Struct. Type Main [Item 43] @: _____
 Struct. Type Appr. [Item 44] @: _____

POSTING DATA

Current Restrictions
 Item 41 @: _____
 Is Posting Needed: _____

Proposed Restrictions

Item 70 @: _____

PROGRAM USED

BASIS FOR ANALYSIS

Design Drawings: _____
 As-Built Drawings: _____
 Shop Drawings: _____
 Field Measurements: _____
 Coupon Testing: _____
 Other: _____

LIVE LOAD DISTRIBUTION

AASHTO LFD: _____
 AASHTO LRFD: _____
 SALOD: _____
 BRUFEM: _____
 Finite Element on Grillage: _____

LONGITUDINAL GOVERNING COMPONENT

Main/Approach Span: _____
 Description: _____
 Material: _____
 Simple/Continuous Span: _____
 Span Length: _____
 Flexure, Shear or Principal Tension: _____

TRANSVERSE GOVERNING COMPONENT

Main/Approach Span: _____
 Description: _____
 Material: _____
 Deck, Box or Substructure: _____
 Flexure, Shear or Principal Tension: _____

OTHER SPAN OF INTEREST

(If Applicable)

OTHER SPAN OF INTEREST

(If Applicable)

| PONTIS DATABASE INPUT | | | | | |
|--|-------|---|----------------------------|---|-------|
| PONTIS APPRAISAL TAB | | PONTIS LOAD RATING 1 TAB | | PONTIS LOAD RATING 2 TAB | |
| Description (NBIS Code) | Value | Description (NBIS Code) | Value | Description (NBIS Code) | Value |
| Design Load (31) @ | | HS 20/HL 93 Governing Span Length | FT | FL 120 Longitudinal Governing Span Rating | Tons |
| HL93, M9 (H10), M13.5 (H15), M18 (H20), MS18 (HS20), MS18 (HS20)+Mod, Pedestrian Railroad, MS22.5 (HS25), Unknown (NBI), Unknown (P), Not Applicable (P) | | Load Rating Origination | | SEGMENTAL | |
| | | Unknown, Design Plans, As-Built Plans, Field Measurements | | FL 120 Transverse Rating (Segmental)** | Tons |
| Operating Type (63) @ | | Load Rating Date | | Single Axle Transverse Rating** | Tons |
| Unknown, Load Factor, Allowable Stress, Load & Resistance Factor, Load Test, No Rating, Unknown (NBI), Not Applicable (P) | | Method Calculation | | Tandem Axle Transverse Rating** | Tons |
| | | Unknown, AASHTO Formula, SALOD, BRUFEM, Other | | Wing Span** | FT |
| Operating Rating (64)* @ () | Tons | Load Distribution Factor | | Web-to-Web Span** | FT |
| Inventory Type (65) @ | | Impact Factor | | MAXIMUM SPAN | |
| Unknown, Load Factor, Allowable Stress, Load & Resistance Factor, Load Test, No Rating, Unknown (NBI), Not Applicable (P) | | Design Method | | HS 20 Operating Rating Maximum Span** | Tons |
| | | Unknown, Working Stress, Load Factor, LRFD, Others | | FL 120 Longitudinal Maximum Span # | Tons |
| Inventory Rating (66)* @ () | Tons | Design Measure | | | |
| | | Unknown, English, Systeme International | | | |
| LEGEND | | TRUCK OPERATING RATINGS | | FLOOR BEAM | |
| * If rating is provided as a factor from an LRFR analysis, multiply the rating factor by 36 tons | | SU 2** | Enter Contr. Mem. () Tons | Floor Beam Present | |
| ** If not calculated, enter "-1" | | SU 3** | Enter Contr. Mem. () Tons | No = Stop | |
| # LRFR Rating Only | | SU 4** | Enter Contr. Mem. () Tons | Yes = Continue | |
| ## If Posting is not required, enter "99" | | C 3** | Enter Contr. Mem. () Tons | Governing Floor Beam Span** | FT |
| @ BMS Coding Manual available on the FDOT Office of Maintenance website | | C 4** | Enter Contr. Mem. () Tons | Governing Floor Beam Spacing** | FT |
| () List Controlling Member & (M=moment, V=shear, pt=post-tensioning) for this Rating | | C 5** | Enter Contr. Mem. () Tons | Floor Beam HS 20 Rating** | Tons |
| | | ST 5** | Enter Contr. Mem. () Tons | Floor Beam SU 4 Rating** | Tons |
| | | Recommended SU Posting ## | Tons | Floor Beam Inventory Rating Factor** # | |
| | | Recommended C Posting ## | Tons | Floor Beam Operating Rating Factor **# | |
| | | Recommended ST Posting ## | Tons | Floor Beam FL 120 Rating # | Tons |

COMMENTS BY ENGINEER

Responsible Engineer: _____
 FL P.E. #: _____
 Date: _____
 Address: _____

COMPUTATIONS

Performed By: _____ Date: _____
 Checked By: _____ Date: _____
 Reviewed By: _____ Date: _____