

BRIDGE LOAD RATING SUMMARY FORM

BRIDGE DATA

Bridge Number: _____
 Structure Type Main [Item 43] @: _____
 Structure Type Approach [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	Units	Description (NBIS Code)	Value	Units	Description (NBIS Code)	Value	Units		
Design Load (31) @			HS 20/HL 93 Governing Span Length		FT	FL 120 Longitudinal Governing Span Rating		Tons		
HL93, M9 (H10), M13.5 ((H15), M13.5 (HS15), 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							
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***				
			Unknown, AASHTO Formula, SALOD, BRUFEM, Other			Wing Span***				
Operating Rating (64)* @		Tons	Load Distribution Factor			Web-to-Web Span***		FT		
Unknown, Load Factor, Allowable Stress, Load & Resistance Factor, Load Test, No Rating, Unknown (NBI) Not Applicable (P)			Impact Factor			MAXIMUM SPAN				
Inventory Type (65) @			Design Method			HS 20 Operating Rating Maximum Span**		Tons		
Unknown, Load Factor, Allowable Stress, Load & Resistance Factor, Load Test, No Rating, Unknown (NBI) Not Applicable (P)			Design Measure			FL 120 Longitudinal Maximum Span #				
Inventory Rating (66)* @		Tons	Unknown, Working Stress, Load Factor, LRFD, Others			Unknown, English, Systeme International				
LEGEND			TRUCK RATINGS			FLOOR BEAM				
* If rating is provided as a factor from an LRFR analysis, multiply the rating factor by 36 tons ** If not calculated, enter "-1" *** For Segmental Bridges Only # LRFR Rating Only ## If Posting is not required, enter "99" @ BMS Coding Manual available on the FDOT Office of Maintenance website			SU 2**		Tons	Floor Beam Present				
			SU 3**		Tons	No = Stop Yes = Continue				
			SU 4**		Tons	Governing Floor Beam Span**				FT
			C 3**		Tons	Governing Floor Beam Spacing**				FT
			C 4**		Tons	Floor Beam HS 20 Rating**				Tons
			C 5**		Tons	Floor Beam SU 4 Rating**				Tons
			ST 5**		Tons	Floor Beam Inventory Rating Factor** #				
			Recommended SU Posting ##		Tons	Floor Beam Operating Rating Factor ***				
Recommended C Posting ##		Tons	Recommended ST Posting ##				Tons			
Recommended ST Posting ##		Tons	Floor Beam FL 120 Rating #				Tons			

COMMENTS BY ENGINEER

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

COMPUTATIONS

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

Seal