



BRIDGE LOAD RATING SUMMARY REPORT
OFFICE OF STRUCTURAL ENGINEERING
OHIO DEPARTMENT OF TRANSPORTATION

SFN	BRIDGE NUMBER		DISTRICT
3000931	GUE-70-04.77		5
ORIGINAL CONSTRUCTION YEAR	REHABILITATION YEAR	OVERALL STRUCTURE LENGTH	FEATURE INTERSECTED
1966		202 ft	TR 19

SPECIAL ASSUMPTIONS & COMMENTS

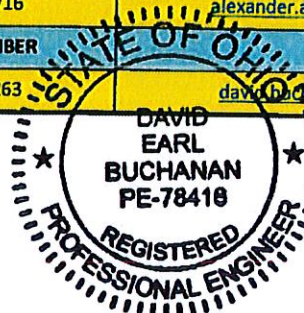
4 span continuous, non-composite steel beam superstructure with reinforced concrete deck. Spans at 58'-8" - 83'-9" - 83'-9" - 58'-8" with a typical section of 24'-0" f/f curbs and 30'-0" o/o deck, 12.9 degree skew. Type A aluminum railing on concrete parapets with 10" thick sidewalks on each side. Rated from original plans. Girder 1 controls rating in steel flexure.

PLEASE SELECT ON RIGHT, WHERE APPROPRIATE, BY USING THE DROP DOWN ARROW BUTTON	
LOAD RATING PURPOSE:	8 - Update Analysis Model and Software
(708) LOAD RATING SOFTWARE:	3 - AASHTO BrR (VIRTIS)
SOFTWARE VERSION:	6.8.3.3001
(709) RATING SOURCE:	1 - Plan information available for load rating analysis
(63)(65) RATING METHOD:	8 - Load & Resistance Factor Rating (LRFR) reported by rating factor (RF)
(31) ORIGINAL DESIGN LOADING:	C - Other (includes railroad bridges w/track removed)

STRUCTURE RATING SUMMARY

OHIO LEGAL VEHICLES				DESIGN VEHICLE				
Loading Type	GVW (Tons)	Operating Rating RF	Legal Weight (Tons)	Loading Type	#NAME?			
					Operating	Inventory		
2F1	15	2.511	15.00	HL93 Loading	1.053	0.812		
3F1	23	1.716	23.00					
4F1	27	1.525	27.00					
5C1	40	1.379	40.00					
Overall Legal Posting Rating				100%				
Posting Recommendation				No Load Posting is Recommended				
SPECIALIZED HAULING VEHICLES (SHV)				Sign Posting Recommendation:				
SU4	27	1.512	27.00					
SU5	31	1.363	31.00					
SU6	34.75	1.222	34.75					
SU7	38.75	1.107	38.75					
EMERGENCY VEHICLES (EV)								
Check box if this is an NBI bridge <input checked="" type="checkbox"/>								
EV2	28.75	1.464	28.75					
EV3	43	0.976	43.00					

AGENCY/FIRM/OFFICE	AECOM		REPORT DATE:	3/5/2019
RATED BY	PE NUMBER	PHONE NUMBER	EMAIL	
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REVIEWED BY	PE NUMBER	PHONE NUMBER	EMAIL	
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BR-100 SMS (9/2018)