HistoricBridges.org - National Bridge Inventory Data Sheet

The National Bridge Inventory contains data submitted by state transportion departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information							42-59-23 =	082-32-15 = -
Michigan [26] St. Clair County [147]			Kimball [43160] SEC. 2 KIMBALL		ALL TWP.		42-39-23 = 42.989722	82.537500
77200066000B030 Highway agency district: 7			Owner County Highway	Owner County Highway Agency [02] Maintenance responsibility			County Highway A	Agency [02]
Route 0	oute 0 WADHAMS ROAD			Toll On free road [3] Features intersected BLACK RIVI			/ER	
Design - Steel [3] main Girder and fl	oorbeam system [03]	Design - approach Steel String	[3] ger/Multi-beam or girder [02]	Year built 1940 Skew angle 0	Structure F	constructed 1970 lared		
Total length 160.6 m =			an 20.7 m = 67.9 ft Curb or sidewalk w	Historical significance Deck width, out-to- idth - left 0 m = 0.0	out 10.4 m = 34.		the NRHP. [5] dway width, curb-to-c ewalk width - right	7.9 m = 25.9 ft 1.5 m = 4.9 ft
Deck structure type Type of wearing surface Concrete Cast-in-Place Monolithic Concrete (c		ce [1] (concurrently placed with str	ructural deck) [1]					
Deck protection Type of membrane/wea	aring surface							
Weight Limits								
Bypass, detour length 2.4 km = 1.5 mi Method to determine inventory rating Method to determine operating rating		` ' · · ·		nventory rating Operating rating	38.1 metric ton 63.4 metric ton			
	Bridge posting 0	00.1 - 09.9 % belo	ow [4]	D	esign Load MS	18 / HS 20 [5]		

Functional Details								
Average Daily Traffic 15950 Average daily tr	uck traffi 11 % Year 2003 Future average daily traffic	c 28800 Year 2023						
Road classification Minor Arterial (Urban) [16]	Lanes on structure 2	Approach roadway width 10.4 m = 34.1 ft						
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median						
Parallel structure designation No parallel structure	e exists. [N]							
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control							
Navigation vertical clearanc 0 = N/A Navigation horizontal clearance 0 = N/A								
Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft								
Minimum lateral underclearance reference feature Fe	eature not a highway or railroad [N]							
Minimum lateral underclearance on right 99.9 = Unlin	nited Minimum lateral under	clearance on left 0 = N/A						
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference f	feature Feature not a highway or railroad [N]						
Appraisal ratings - underclearances N/A [N]								
Repair and Replacement Plans								
Type of work to be performed	Work done by Work to be done by contract [1]							
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 8000 Roadway i	improvement cost 1000						
bridge roadway geometry. [31]	Length of structure improvement 762 m = 2500.1 ft	Total project cost 8000						
	Year of improvement cost estimate 2006	,						
	Border bridge - state	rder bridge - percent responsibility of other state						
	Border bridge - structure number							

Inspection and Sufficiency							
Structure status Posted for load [P]		Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]				
Condition ratings - superstructure Poor [4]		Appraisal ratings - roadway alignment	Meets minimum tolerable limits	s to be left in place as is [4]			
Condition ratings - substructure	Poor [4]	Appraisal ratings -	Basically intolerable requiring high priority of corrrective action [3]				
Condition ratings - deck	Satisfactory [6]	deck geometry					
Scour	Bridge foundation	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]					
Channel and channel protection		Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]					
Appraisal ratings - water adequ	acy Better than pre-	sent minimum criteria [7]	Status evaluation	Structurally deficient [1]			
Pier or abutment protection			Sufficiency rating	37			
Culverts Not applicable. Use	d if structure is not a culv	vert. [N]					
Traffic safety features - railings		Inpected feature meets currently acce	ptable standards. [1]				
Traffic safety features - transiti	ons	Inpected feature meets currently acce	ire meets currently acceptable standards. [1]				
Traffic safety features - approa	ch guardrail	Inpected feature meets currently acce	ure meets currently acceptable standards. [1]				
Traffic safety features - approa	ch guardrail ends	Inpected feature meets currently acce	ure meets currently acceptable standards. [1]				
Inspection date							
Underwater inspection	Not needed [N]	Underwater inspec	ction date				
Fracture critical inspection Not needed [N]		Fracture critical ins	Fracture critical inspection date				
Other special inspection	Not needed [N]	Other special insp	ection date				