HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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 Info	ormation													38.681667	-9.222222
Indiana Knox County							Vincennes		3 Km from N US 41				38.081007	-9.22222	
32670		Highway	Highway agency district 6			Owner State Highway Agency			Maintenance responsibility S			y S	State Highway Agency		
Route 441 SR 441			Toll On free road Features intersected WABASH RI				SH RIV	ER,CSX RR & R	D						
Design - main 7	Concrete Arch - Deck			Design - approach 0	Other				Kilometerpoint Year built 1931 Skew angle 0 Historical significa	Structu	ure Flai			r the NRHP.	
Total leng	th 1019.7		Lengt	h of maxir	num spa	n 179.8			Deck width, out-		-	Bridge	roadwa	ay width, curb-to	-curb 22
Inventory Route, Total Horizontal Clearance 22 Curb or sidewalk width - left 4.9 Curb or sidewalk width - right 4.9 Left 4.9 Curb or sidewalk width - right 4.9 Left										4.9					
Type of wearing surface Latex Concrete or similar				ilar additive											
Deck protection															
Type of membrane/wearing surface															
Weight Li	mits														
Bypass, detour length Method to determine inventory rating			No rating analysis performed			Inventory ratir	ng 3	31.7							
0.6 Method to determine operating rating			No rating analysis performed			Operating ratio	ng 3	38.6							
Bridge posting Equal to or above legal					gal loads	al loads			Design Load M 18 / H 20						

Functional Details	
Average Daily Traffic 8683 Average daily true	1223512235122351223512235
Road classification Other Principal Arterial (Urban)	Lanes on structure 2 Approach roadway width 39.7
Type of service on bridge Highway-pedestrian	Direction of traffic 2 - way traffic Bridge median
Parallel structure designation No parallel structure	exists.
Type of service under bridge Highway-waterway-rail	oad Lanes under structure 2 Navigation control Navigation control on waterway (bridge permit required).
Navigation vertical clearanc 34.8	Navigation horizontal clearance 149.9
Minimum navigation vertical clearance, vertical lift brid	ge Minimum vertical clearance over bridge roadway Unlimited
Minimum lateral underclearance reference feature Hi	phway beneath structure
Minimum lateral underclearance on right 11.8	Minimum lateral underclearance on left N/A
Minimum Vertical Underclearance 169	Minimum vertical underclearance reference feature Highway beneath structure
Appraisal ratings - underclearances Better than prese	ent minimum criteria
Donair and Donlacoment Diane	
Repair and Replacement Plans	Mad days by
Type of work to be performed	Work done by
	Bridge improvement cost 0 Roadway improvement cost 0
	Length of structure improvement 0 Total project cost 0
	Year of improvement cost estimate
	Border bridge - stateUnknownBorder bridge - percent responsibility of other state50
	Border bridge - structure number 51003611769

Inspection and Sufficiency											
Structure status Open, no res	triction		praisal ratings - uctural	Better than present minimum criteria							
Condition ratings - superstructur	Good		praisal ratings - adway alignment	Better than present minimum criteria							
Condition ratings - substructure	Good	A	ppraisal ratings -	Basically intolerable requiring high priority of replacement							
Condition ratings - deck	Good		eck geometry								
Scour	Bridge foundation	Bridge foundations determined to be stable for the assessed or calculated scour condition.									
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.									
Appraisal ratings - water adequac	sy Superior to pres	sent desirable criter	ia	S	Status evaluation	Functionally obsolete					
Pier or abutment protection	Navigation prot	ection not required		S	Sufficiency rating	73.4					
Culverts Not applicable. Used	if structure is not a culv	ert.									
Traffic safety features - railings											
Traffic safety features - transition	IS	Inpected feature m	neets currently acce								
Traffic safety features - approach	nguardrail	Inpected feature m	neets currently acce								
Traffic safety features - approach	n guardrail ends	Inpected feature m	neets currently acce								
Inspection date Jun-07	Des	signated inspection	tion frequency 24 Months								
Underwater inspection	Unknown		Underwater inspection date Sep-08								
Fracture critical inspection	Not needed		Fracture critical ins	spection date							
Other special inspection	Every two years		Other special inspecial	ection date	39234						