HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

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Basic Information													38-07-53 =	087-56-33 = -
Indiana [18]		Posey County [129]				Unknown [00000] 0.6 km W of SR-6		/ of SR-69				38.131389	87.942500	
23305		Highway agency district #Num!		Num!	Owner Local Toll Authority [32]			Maintenance responsibility		Local Toll Authority [32]				
Route 66 SR-66 & ILL SR-14			4	Toll Toll bridge [1] Features intersected WABASH R ⁴				IVER & SERVICE	R					
Design - Steel [3] 4 Truss - Thru [10]			Design - approach 34	Steel [3	l [3] s - Deck [09]		Kilometer Year buil Skew any	Kilometerpoint 0 km = 0.0 mi Year built 1930 Year reconstructed Skew angle 0 Structure Flared Historical significance Bridge is possibly eligible for the NPHP [3]]	
Total length 786.1 m = 2579.2 ft Length of maximum spa				num spar	n 91.4 m = 299.9 ft Deck width, out-to-out 6.5 m = 21.3 ft Bridge road			lway width, curb-to	o-curb 6.1 m = 20.0 ft					
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 ft			0.0 ft	Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk			Curb or side	walk width - right	0.2 m = 0.7 ft					
Deck structure type Concrete Cast-in-Plac			t-in-Place	[1]										
Type of wearing surface Bituminous [6]]											
Deck prote	ection													
Type of membrane/wearing surface														
Weight Limits														
Bypass, detour length Method to determine inventory rating			y rating	Allowable Stress(AS) [2]			Inventory	y rating	18.9 metric ton =	= 20.8 tons				
4 km = 2.5 mi Method to determine operating rating			g rating	Allowable Stress(AS) [2]			Operating	g rating	33.3 metric ton =	= 36.6 tons				
Bridge posting 00.1 - 09.9 % below			% below	[4]				Design L	.oad M 18	/ H 20 [4]				

Functional Details								
Average Daily Traffic 1065 Average daily tr	uck traffi 2 % Year 2003 Future average daily traffic 2500 Year 2026							
Road classification Minor Arterial (Rural) [06]	Lanes on structure 2 Approach roadway width 6.1 m = 20.0 ft							
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2] Bridge median							
Parallel structure designation No parallel structure exists. [N]								
Type of service under bridge Highway-waterway [6]	Lanes under structure 2 Navigation control							
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 = N/A							
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clearance over bridge roadway 4.78 m = 15.7 ft							
Minimum lateral underclearance reference feature H	ghway beneath structure [H]							
Minimum lateral underclearance on right 6.1 m = 20.	D ft Minimum lateral underclearance on left 0 = N/A							
Minimum Vertical Underclearance 6.1 m = 20.0 ft	Minimum vertical underclearance reference feature Highway beneath structure [H]							
Appraisal ratings - underclearances Superior to pres	ent desirable criteria [9]							
Repair and Replacement Plans								
Type of work to be performed	Work done by							
	Bridge improvement cost 0 Roadway improvement cost 0							
	Length of structure improvement0 m = 0.0 ftTotal project cost0							
	Year of improvement cost estimate							
	Border bridge - state Unknown [175] Border bridge - percent responsibility of other state							
	Border bridge - structure number 97990121309							

Inspection and Sufficiency										
Structure status Posted for lo	Appraisal ratings - structural	Basically intole	ally intolerable requiring high priority of corrrective action [3]							
Condition ratings - superstructur	Serious [3]	Appraisal ratings - roadway alignment	ent [2]							
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Basically intolerable requiring high priority of replacement [2]							
Condition ratings - deck	Fair [5]	deck geometry								
Scour	Bridge is scour critical; field re	Bridge is scour critical; field review indicates that extensive scour has occurred at bridge foundations. [2]								
Channel and channel protection	Bank protection is being erode channel. [5]	ed. River control devices	and/or embankm	nent have major dan	nage. Trees and rusl	n restrict the				
Appraisal ratings - water adequac	Basically intolerable requiring	Basically intolerable requiring high priority of replacement			tructurally deficient []				
Pier or abutment protection	Navigation protection not requ	Navigation protection not required [1]								
Culverts Not applicable. Used	if structure is not a culvert. [N]									
Traffic safety features - railings										
Traffic safety features - transition	IS									
Traffic safety features - approach	n guardrail									
Traffic safety features - approach	n guardrail ends									
Inspection date February 200	08 [0208] Designated inspec	ction frequency 24	Month	าร						
Underwater inspection	Underwater inspec	tion date	November 2008 [1	108]						
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date		February 2008 [02	.08]					
Other special inspection	Every year [Y12]	Other special inspe	ection date	January 2008 [010	8]					

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Basic Information	Basic Information								
Illinois [17]	White County [193]		Phillips [59507]	hillips [59507] NEW HARMONY			38-08-00 = 38.	1 087-56-48 = -87.9	
97990121309	Highway agency district 9		Owner Private (other that	an railroad) [26]	Maintenance	esponsibility	Private (other than	n railroad) [26]	
Route 14 FAP-857 (ILL-14)		-857 (ILL-14)	Toll Toll br	idge [1]	Features intersect	ed WABASH RI	IVER		
Design - mainSteel [3]4Truss - Thru [10]		Design - approachSteel continuous [4]35Other [00]		Kilometerpoint 12220.4 km = 7576.6 mi Year built 1931 Year reconstructed Skew angle 0 Structure Flared Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 786.1 m	= 2579.2 ft Le	ength of maximum spa	n 91.4 m = 299.9 ft	Deck width, out-t	o-out 6.5 m = 21.3 f	t Bridge road	way width, curb-to-o	curb 6.1 m = 20.0 ft	
Inventory Route, Total	Horizontal Clearance	e 5.4 m = 17.7 ft	Curb or sidewalk wi	0.0 ft	Curb or side	walk width - right	0 m = 0.0 ft		
Deck structure type	(Concrete Cast-in-Plac	e [1]						
Type of wearing surface	ce I	Epoxy Overlay [5]							
Deck protection									
Type of membrane/wearing surface Epoxy [3]									
Weight Limits									
Bypass, detour length Method to determine inventory ratir		mine inventory rating	Allowable Stress(AS) [2]		Inventory rating	18 metric ton = 1	9.8 tons		
5.1 km = 3.2 mi Method to determine operating rating		mine operating rating	Allowable Stress(AS)	[2]	Operating rating	36 metric ton = 3	39.6 tons		
Bridge posting 00.1 - 09.9 % below			v [4]		Design Load M 13	8.5 / H 15 [2]			

Functional Details								
Average Daily Traffic 900 Average daily tr	uck traffi 7 % Year 2011 Future average daily	y traffic 902 Year 2032						
Road classification Minor Arterial (Rural) [06]	Lanes on structure 2	Approach roadway width 6.1 m = 20.0 ft						
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median						
Parallel structure designation No parallel structure exists. [N]								
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation c	control						
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 =	N/A						
Minimum navigation vertical clearance, vertical lift brid	dge Minimum verti	ical clearance over bridge roadway 5.03 m = 16.5 ft						
Minimum lateral underclearance reference feature	eature not a highway or railroad [N]							
Minimum lateral underclearance on right $0 = N/A$	Minimum lateral	underclearance on left 0 = N/A						
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance refer	rence 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	Bridge improvement cost 8824000 Roa	adway improvement cost 882000						
bridge roadway geometry. [31]	Length of structure improvement 786.1 m = 2579.2	ft Total project cost 13236000						
	Year of improvement cost estimate							
	Border bridge - state Unknown [185]	Border bridge - percent responsibility of other state						
	Border bridge - structure number 23305							

Inspection and Sufficiency										
Structure status Posted for lo	ad [P]	Appraisal rat structural	tings - Somewl is [5]	Somewhat better than minimum adequacy to tolerate being left in place as is [5]						
Condition ratings - superstructur	Appraisal rat roadway alig	Appraisal ratings - Equal to present minimum criteria [6]								
Condition ratings - substructure	Fair [5]	Appraisal ra	atings - Basicall	Basically intolerable requiring high priority of corrrective action [3]						
Condition ratings - deck	Poor [4]	deck geome	etry							
Scour	Scour calculatic	Scour calculation/evaluation has not been made. [6]								
Channel and channel protection	Bank protection channel. [5]	is being eroded. River contro	ol devices and/or em	mbankment have major damage. Trees and rush restrict the						
Appraisal ratings - water adequac	y Equal to preser	t desirable criteria [8]		Status evaluation Structurally deficient [1]						
Pier or abutment protection			Sufficiency rating 43.9							
Culverts Not applicable. Used	if structure is not a culv	ert. [N]								
Traffic safety features - railings										
Traffic safety features - transition	S									
Traffic safety features - approach	nguardrail	npected feature meets currently acceptable standards. [1]								
Traffic safety features - approach	Inpected feature meets curre	ected feature meets currently acceptable standards. [1]								
Inspection date September 2	011 [0911] Des	signated inspection frequency	24	Months						
Underwater inspection	Unknown [Y60]	Underwa	ater inspection date	November 2008 [1108]						
Fracture critical inspection	Every year [Y12]	Fracture	critical inspection da	date April 2011 [0411]						
Other special inspection	Not needed [N]	Other sp	Other special inspection date							