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						
Illinois [17]	Cook County [03	1]	Palos [57355]	0.2 M N IL 83	41-41-10 = 41.6	087-51-19 = -87.8
000016034304081	Highway ag	gency district 1	Owner State Highway A	Agency [01] Maintena	nce responsibility State Highway Age	ncy [01]
Route 45	US	S 45 SB (LA GRANG	Toll On fre	ee road [3] Features inter	sected CAL SAG CHANNEL	
Design - Steel [3] main  Truss - Thr	u [10]	approach	continuous [4] er/Multi-beam or girder [02]	Skew angle 0 Structur	reconstructed 2000 e Flared ge is not eligible for the NRHP. [5]	
Total length 135.6 m Inventory Route, Tota Deck structure type		Length of maximum spance 8.2 m = 26.9 ft  Concrete Cast-in-Plan	Curb or sidewalk w	Deck width, out-to-out 10.4 m =		9.4 m = 30.8 ft 0 m = 0.0 ft
Type of wearing surfa	ce	Monolithic Concrete (	concurrently placed with str	uctural deck) [1]		
Deck protection		Epoxy Coated Reinfo	rcing [1]			
Type of membrane/we	earing surface					
Weight Limits						
Bypass, detour length	Method to det	ermine inventory rating	Allowable Stress(AS	) [2] Inventory rating	34.2 metric ton = 37.6 tons	
0.5 km = 0.3 mi	Method to det	ermine operating rating	Allowable Stress(AS	) [2] Operating rating	g 54.9 metric ton = 60.4 tons	
	Bridge postino	Equal to or above le	egal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details		
Average Daily Traffic 19500 Average daily tr	uck traffi 6 % Year 2009 Future average daily traffic	25000 Year 2030
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 2	Approach roadway width 9.4 m = 30.8 ft
Type of service on bridge Highway [1]	Direction of traffic 1 - way traffic [1]	Bridge median
Parallel structure designation The right structure	of parallel bridges carrying the roadway in the direction of the invento	ory. [R]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control	Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc 7.6 m = 24.9 ft	Navigation horizontal clearance 68.5 m = 2	24.7 ft
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clea	arance over bridge roadway 5.26 m = 17.3 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]	
Minimum lateral underclearance on right $0 = N/A$	Minimum lateral underch	learance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference fe	eature 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]	
Bridge deck rehabilitation with only incidental widening. [36]	Bridge improvement cost 839000 Roadway in	mprovement cost 84000
widering, [50]	Length of structure improvement 133.2 m = 437.0 ft	Total project cost 1259000
	Year of improvement cost estimate	,
	Border bridge - state Bo	Sorder bridge - percent responsibility of other state
	Border bridge - structure number	

Inspection and Sufficiency							
Structure status Open, no res	striction [A]	Appraisal ratings - structural	Equal to prese				
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to prese	sent desirable criteria [8]			
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimu	um tolerable limits to be left in place as is [4]			
Condition ratings - deck	ndition ratings - deck Satisfactory [6]						
Scour	Bridge foundation	ns determined to be stable for the as	ssessed or calculate	ted scour condition. [8]			
Channel and channel protection		cted or well vegetated. River control n a stable condition. [8]	devices such as sp	pur dikes and embankment protection are not			
Appraisal ratings - water adequacy Equal to present de		t desirable criteria [8]	Sta	atus evaluation			
Pier or abutment protection		Suf	ufficiency rating 77.7				
Culverts Not applicable. Used	if structure is not a culv	ert. [N]					
Traffic safety features - railings		Inpected feature meets currently acc	ceptable standards	S. [1]			
Traffic safety features - transition	าร	Inpected feature meets currently acc	feature meets currently acceptable standards. [1]				
Traffic safety features - approach guardrail Inpected f		Inpected feature meets currently acc	cted feature meets currently acceptable standards. [1]				
Traffic safety features - approach	s. [1]						
Inspection date August 2009 [0809] Designated inspection frequency 24 Months							
Underwater inspection	Underwater insp	Underwater inspection date September 2007 [0907]					
Fracture critical inspection Every two years [Y24]		Fracture critical	inspection date	August 2009 [0809]			
Other special inspection	Not needed [N]	Other special ins	spection date				

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Basic Inforr	mation										
Illinois [17]	(	Cook County [0	31]	Palo	s [57355]	0.2 M N IL	83			41-41-09 = 41.	6 087-51-19 = -87.8
000016034	1404082	Highway	agency district 1	Owi	ner State Highway i	Agency [01]		Maintenance	e responsibility	State Highway Ag	ency [01]
Route 45			US 45 NB (LA GR	ANG	Toll On fre	ee road [3]	F	eatures interse	cted CAL SAG C	CHANNEL	
main	Steel [3] Fruss - Thru	[10]	Design - approach	Steel continuation Stringer/Mul	uous [4] Iti-beam or girder [02]	Kilometerp Year built Skew angl Historical s	1967 e 0	Structure F	constructed 2000		
Total length 135.6 m = 444.9 ft Length of maximum span 88.3 m = 289.7 ft Deck width, out-to-out 10.4 m = 34.1 ft Bridge roadway width, curb-to-curb 9.4 m = 30.8 ft Inventory Route, Total Horizontal Clearance 9.3 m = 30.5 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft											
Deck structure type  Type of wearing surface  Concrete Cast-in-Place    Monolithic Concrete (cor					rrently placed with str	uctural deck	) [1]				
	Deck protection Epoxy Coated Reinforcing [1]  Type of membrane/wearing surface										
Weight Lim											
Bypass, de 0.5 km = 0.			etermine inventor	, 0	Allowable Stress(AS	,		ventory rating perating rating	34.2 metric ton 54.9 metric ton		
		Bridge posti	ng Equal to or	above legal lo	ads [5]		De	sign Load MS	S 18 / HS 20 [5]		

Functional Details	
Average Daily Traffic 19500 Average daily to	uck traffi 6 % Year 2009 Future average daily traffic 24300 Year 2021
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 2 Approach roadway width 9.6 m = 31.5 ft
Type of service on bridge Highway [1]	Direction of traffic 1 - way traffic [1]  Bridge median
Parallel structure designation The left structure of	f parallel bridges. This structure carries traffic in the opposite direction. [L]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc 7.6 m = 24.9 ft	Navigation horizontal clearance 68.5 m = 224.7 ft
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clearance over bridge roadway 5.26 m = 17.3 ft
Minimum lateral underclearance reference feature F	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 reference 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]
Bridge deck rehabilitation with only incidental widening. [36]	Bridge improvement cost 839000 Roadway improvement cost 84000
widering. [30]	Length of structure improvement 133.2 m = 437.0 ft Total project cost 1259000
	Year of improvement cost estimate
	Border bridge - state  Border bridge - percent responsibility of other state
	Border bridge - structure number

Inspection and Sufficiency							
Structure status Open, no res	striction [A]	Appraisal ratings - structural	Equal to prese				
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to prese	sent desirable criteria [8]			
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimu	um tolerable limits to be left in place as is [4]			
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Pier or abutment protection		Suf	ufficiency rating 77.7				
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Fracture critical inspection Every two years [Y24]		Fracture critical	inspection date	August 2009 [0809]			
Other special inspection	Not needed [N]	Other special ins	spection date				