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							39-56-12 =	075-46-30 = -
Pennsylvania [42] C	hester County [02	29]	Newlin [53784]	NEAR KINGS RAN	CH 38F01		39.936667	75.775000
153049006017910	Highway age	ncy district 6	Owner State Highway	Agency [01]	Maintenance	responsibility	State Highway Ag	ency [01]
Route 0 BRANDYWINE CK.ROAD Toll On free road [3] Features intersected BUCK RUN & DOE RUN								
Design - main Design - approach 3 Arch - Deck [11] Design - approach 0 Other			· [00]	Kilometerpoint 441.6 km = 273.8 mi Year built 1915 Year reconstructed N/A [00] Skew angle 0 Structure Flared Historical significance Bridge is not eligible for the				
Total length 20.7 m = 67.9 ft Length of maximum span 7.3 m = 24.0 ft Deck width, out-to-out 5.7 m = 18.7 ft Bridge roadway width, curb-to-curb 5.4 m = 17.7 ft Inventory Route, Total Horizontal Clearance 5.4 m = 17.7 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 Not applicable [N] Not applicable (applies only to structures with no deck) [N]								
Deck protection Not applicable (applie			es only to structures with no	deck) [N]				
Type of membrane/wearing surface Not applicable (applies only to structures with no deck) [deck) [N]				
Weight Limits								
Bypass, detour length Method to determine inventory rating		No rating analysis pe	erformed [5]	Inventory rating	24.5 metric ton =	27.0 tons		
1.8 km = 1.1 mi	Method to deter	mine operating rating	No rating analysis pe	erformed [5]	Operating rating	41.7 metric ton =	45.9 tons	
	Bridge posting	Equal to or above I	egal loads [5]		Design Load M 1	3.5 / H 15 [2]		

Functional Details						
Average Daily Traffic 251 Average daily to	uck traffi 9 % Year 2009 Future average daily traffic 150 Year 1985					
Road classification Minor Collector (Rural) [08]	Lanes on structure 2 Approach roadway width 5.8 m = 19.0 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 br	Minimum vertical clearance over bridge roadway 10 m = 32.8 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]					
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost 0 Roadway improvement cost 0					
replacements. [50]	Length of structure improvement 21 m = 68.9 ft Total project cost 1000					
	Year of improvement cost estimate					
	Border bridge - state Border bridge - percent responsibility of other state					
	Border bridge - structure number					

Inspection and Sufficiency						
Structure status Posted for lo	ad [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]			
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable crit	eria [8]		
Condition ratings - substructure	Poor [4]	Appraisal ratings -	Basically intolerable requiring	high priority of replacement [2]		
Condition ratings - deck	Not Applicable [N]	deck geometry				
Scour	Bridge is scour critical; bridge	foundations determined	to be unstable. [3]			
Channel and channel protection	Bank protection is being erodechannel. [5]	ed. River control devices	and/or embankment have major	damage. Trees and rush restrict the		
Appraisal ratings - water adequac	Superior to present desirable	Superior to present desirable criteria [9]		Structurally deficient [1]		
Pier or abutment protection			Sufficiency rating	46.2		
Culverts Not applicable. Used	if structure is not a culvert. [N]					
Traffic safety features - railings						
Traffic safety features - transition	ns					
Traffic safety features - approach	n guardrail					
Traffic safety features - approach	n guardrail ends					
Inspection date May 2009 [0	Designated inspe	ection frequency 12	Months			
Underwater inspection Not needed [N] Underwater inspection date						
Fracture critical inspection Not needed [N]		Fracture critical inspection date				
Other special inspection	Not needed [N]	Other special insp	ection date			

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Basic Information				39-56-10 =	075-46-29 = -
Pennsylvania [42]	hester County [029]	Newlin [53784]	NEAR KINGS RANCH 38F01	39.936111	75.774722
153049007000000	Highway agency district 6	Owner State Highway	Agency [01] Mainte	enance responsibility State Highway A	Agency [01]
Route 0	BRANDYWINE CK.RO	D Toll On fro	ee road [3] Features in	ntersected BUCK & DOE RUN	
Design - main Steel [3] Stringer/Multi-	beam or girder [02] Design - approach Other	er [00]	Skew angle 0 Struc	ear reconstructed N/A [0000] cture Flared ridge is not eligible for the NRHP. [5]	
Total length 21.3 m = 6	9.9 ft Length of maximum s	pan 10.4 m = 34.1 ft	Deck width, out-to-out 6.4 m	= 21.0 ft Bridge roadway width, curb-to	o-curb 5.8 m = 19.0 ft
Inventory Route, Total H	prizontal Clearance 5.8 m = 19.0 ft	Curb or sidewalk w	vidth - left 0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wear	ng surface				
Weight Limits					
Bypass, detour length	Method to determine inventory ratin	g Load Factor(LF) [1]	Inventory ra	ting 21.8 metric ton = 24.0 tons	
1.8 km = 1.1 mi	Method to determine operating ratir	g Load Factor(LF) [1]	Operating ra	36.3 metric ton = 39.9 tons	
	Bridge posting 10.0 - 19.9 % be	low [3]	Design Load	M 13.5 / H 15 [2]	

Functional Details							
Average Daily Traffic 251 Average daily to	uck traffi 9 % Year 2009 Future average daily traffic 100 Year 1983						
Road classification Minor Collector (Rural) [08]	Lanes on structure 2 Approach roadway width 6.7 m = 22.0 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 br	Minimum vertical clearance over bridge roadway 10 m = 32.8 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 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]						
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost 0 Roadway improvement cost 0						
replacements. [50]	Length of structure improvement 21 m = 68.9 ft Total project cost 0						
	Year of improvement cost estimate						
	Border bridge - state Border bridge - percent responsibility of other state						
	Border bridge - structure number						

Inspection and Sufficiency						
Structure status Posted for lo	ad [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]			
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimur is [5]	m adequacy to tolerate being left in place as		
Condition ratings - substructure	Poor [4]	Appraisal ratings -	Basically intolerable requiring h	high priority of corrrective action [3]		
Condition ratings - deck	Good [7]	deck geometry				
Scour	Bridge is scour critical; bridge	foundations determined	to be unstable. [3]			
Channel and channel protection	Bank protection is being eroden channel. [5]	ed. River control devices	s and/or embankment have major (damage. Trees and rush restrict the		
Appraisal ratings - water adequac	Better than present minimum	Better than present minimum criteria [7]		Structurally deficient [1]		
Pier or abutment protection				41.1		
Culverts Not applicable. Used	if structure is not a culvert. [N]					
Traffic safety features - railings						
Traffic safety features - transition	ns					
Traffic safety features - approach	n guardrail					
Traffic safety features - approach	n guardrail ends					
Inspection date May 2008 [0	Designated inspe	ection frequency 12	Months			
Underwater inspection Not needed [N] Underwater inspection date						
Fracture critical inspection Not needed [N]		Fracture critical inspection date				
Other special inspection	Not needed [N]	Other special insp	ection date			