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								39-51-14 =	079-55-42 = -
Pennsylvania [42]	/Ivania [42] Fayette County [051]			German [28856] MASONTOWN BRIDGE				39.853889	79.928333
260021001000000 Highway agency district 12			Owner State High	Owner State Highway Agency [01] Maintenance respons		responsibility	State Highway Ag	ency [01]	
Route 21 Toll On free road [3] Features intersected PVT RD, NS R/R, MON RIV									
Design - main Steel [3] Design - approach Truss - Thru [10] Design - approach 6 Girden		[3] Kilometerpoint Year built 1925 and floorbeam system [03] Skew angle 0 Historical signification		1925 e 0	Structure Flared				
Total length 444.1 m =		gth of maximum sp 7.3 m = 24.0 ft	pan 122.5 m = 401.9 Curb or side	ft Deck wid		7.6 m = 24.9 f	Bridge roa	dway width, curb-to-dewalk width - right	curb $7.3 \text{ m} = 24.0 \text{ ft}$ 1.8 m = 5.9 ft
Deck structure type Concrete Cast-in-Place [1] Type of wearing surface.									
Type of wearing surface Deck protection Bituminous [6]									
Type of membrane/wearing surface									
Weight Limits									
Bypass, detour length 3.1 km = 1.9 mi	interior to determine inventory rating			Load Factor(LF) [1] Load Factor(LF) [1]		, ,	23.6 metric ton 39 metric ton =		
Bridge posting Equal to or above legal loads [5]					Desig	gn Load M 1:	3.5 / H 15 [2]		

Functional Details									
Average Daily Traffic 7390 Average daily tr	uck traffi 5 % Year 2008 Future average daily traffic 11461 Year 2027								
Road classification	[02] Lanes on structure 2 Approach roadway width 7.3 m = 24.0 ft								
Type of service on bridge Highway-pedestrian [5] Direction of traffic 2 - way traffic [2] Bridge median									
Parallel structure designation No parallel structure	e exists. [N]								
Type of service under bridge Highway-waterway-rail	road [Lanes under structure 4 Navigation control Navigation control on waterway (bridge permit required). [1]								
Navigation vertical clearanc 753.4 m = 2471.9 ft	Navigation horizontal clearance 5101.9 m = 16739.3 ft								
Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway 5 m = 16.4 ft									
Minimum lateral underclearance reference feature Highway beneath structure [H]									
Minimum lateral underclearance on right 99.9 = Unlimited Minimum lateral underclearance on left 0 = N/A									
Minimum Vertical Underclearance 6 m = 19.7 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 Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 2000 Roadway improvement cost 6000								
bridge roadway geometry. [31]	Length of structure improvement 457 m = 1499.4 ft Total project cost 29000								
	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	triction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]						
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable crit	eria [8]					
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Basically intolerable requiring	high priority of replacement [2]					
Condition ratings - deck	Fair [5]	deck geometry							
Scour	Bridge foundations det required. [4]	ge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is iired. [4]							
Channel and channel protection	Bank protection is bein channel. [5]	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]							
Appraisal ratings - water adequace	Superior to present de	sirable criteria [9]	Status evaluation	Structurally deficient [1]					
Pier or abutment protection			Sufficiency rating	29.5					
Culverts Not applicable. Used	if structure is not a culvert. [N]								
Traffic safety features - railings									
Traffic safety features - transition	Inpect	Inpected feature meets currently acceptable standards. [1]							
Traffic safety features - approach	guardrail								
Traffic safety features - approach	n guardrail ends Inpect	Inpected feature meets currently acceptable standards. [1]							
Inspection date October 2008 [1008] Designated inspection frequency 24 Months									
Underwater inspection	Every two years [Y24]	Underwater inspec	[1009]						
•	Not needed [N]	Fracture critical in:							
Other special inspection	Every year [Y12]	Other special inspection date							