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 40-25-45 = 079-59-56 = -									
Pennsylvania [42] Allegheny County [003]			Pittsburgh [61000]	Pittsburgh [61000] LIBERTY BRIDGE		79.998889			
023069011001350 Highway agency district 1			Owner State Highway A	gency [01] Mainter	nance responsibility State Highway A	gency [01]			
Route 0 No	th [1]	BERTY BR	RTY BR Toll On free road [3] Features intersected MON R,I376,0837,2 AV,ARL						
Design - main  Steel continuous [4] Design - approach  Truss - Deck [09]  5 Girder			eel [3] rder and floorbeam system [03]	Skew angle 0 Struct	85.5 mi Par reconstructed 1983  ure Flared Yes, flared [1]  storical significance is not determinable at				
Total length 811.7 m = 2663.2 ft Length of maximum span 143.3 m = 470.2 ft Deck width, out-to-out 20.1 m = 65.9 ft Bridge roadway width, curb-to-curb 17.1 m = 56.1 ft									
Inventory Route, Total Horizontal Clearance 17.1 m = 56.1 ft  Deck structure type Closed Grating [4]				1.0 III – 3.7 It	Curb or sidewalk width - right	0.2 111 – 0.7 11			
Type of wearing surface Bituminous [6]									
Deck protection									
Type of membrane/wearing surface									
Weight Limits									
Bypass, detour length $0.5 \text{ km} = 0.3 \text{ mi}$ Method to determine inventory rating Method to determine operating rating		, ,,,,	Inventory ration Operating ration						
Bridge posting Equal to or above le			ve legal loads [5]	Design Load	M 13.5 / H 15 [2]				

Functional Details									
Average Daily Traffic 20913 Average daily to	ruck traffi 3 % Year 2007 Future average daily traffic 59626 Year 2018								
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 4 Approach roadway width 17.1 m = 56.1 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-rai	Iroad [ Lanes under structure 75 Navigation control Navigation control on waterway (bridge permit required). [1]								
Navigation vertical clearance 13.4 m = 44.0 ft Navigation horizontal clearance 136.6 m = 448.2 ft									
Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway  99.99 m = 328.1 ft									
Minimum lateral underclearance reference feature Highway beneath structure [H]									
Minimum lateral underclearance on right 0.3 m = 1.0 ft  Minimum lateral underclearance on left 0 = N/A									
Minimum Vertical Underclearance   4.47 m = 14.7 ft   Minimum vertical underclearance reference feature   Highway beneath structure [H]									
Appraisal ratings - underclearances Basically intolerable requiring high priority of corrrective action [3]									
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 1000 Roadway improvement cost 4000								
replacements. [50]	Length of structure improvement 823 m = 2700.3 ft Total project cost 17000								
	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 re	striction [A]		praisal ratings - uctural	Basically intolerable requiring high priority of corrrective action [3]				
Condition ratings - superstructur	Fair [5]		ppraisal ratings - Equal to present desirable criteria [8] adway alignment					
Condition ratings - substructure Fair [5]			opraisal ratings -	Somewhat better than minimum adequacy to tolerate being left in place as				
Condition ratings - deck	gs - deck Fair [5]		eck geometry	is [5]				
Scour	ons determined to be	e stable for assesse	ed or calculate	ed scour conditions; f	ield review indicates ac	tion is		
Channel and channel protection Bank pr channel		tion is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the						
Appraisal ratings - water adequacy Superior		sent desirable criteri	ia [9]		Status evaluation	Functionally obsolete [2]		
Pier or abutment protection					Sufficiency rating	42.7		
Culverts Not applicable. Used	l if structure is not a culv	ert. [N]						
Traffic safety features - railings								
Traffic safety features - transition	Inpected feature m	Inpected feature meets currently acceptable standards. [1]						
Traffic safety features - approach	Inpected feature m	npected feature meets currently acceptable standards. [1]						
Traffic safety features - approach	Inpected feature meets currently acceptable standards. [1]							
Inspection date April 2009 [	signated inspection	nated inspection frequency 24 Months						
Underwater inspection Every two years [Y24]		_	Underwater inspection date April 2005 [0405]		5]			
Fracture critical inspection Not needed [N			Fracture critical ins	spection date				
Other special inspection	Not needed [N]		Other special inspe	ection date				