

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Pennsylvania [42]		Allegheny County [003]		Duquesne [20432]		MCKEESPORT-DUQUESNE BR.		40-21-17 = 40.354722		079-50-33 = - 79.842500	
1668		Highway agency district 11		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		MCKEESPORT-DUQ BR		Toll On free road [3]		Features intersected 736 EXT.,3 RR'S,MON.RIV.					
Design - main Steel [3]		Design - approach Steel [3]		Kilometerpoint 44.4 km = 27.5 mi		Year built 1927		Year reconstructed 1988			
8 Truss - Thru [10]		1 Girder and floorbeam system [03]		Skew angle 99		Structure Flared		Yes, flared [1]			
				Historical significance		Bridge is not eligible for the NRHP. [5]					
Total length 686.4 m = 2252.1 ft		Length of maximum span 116.4 m = 381.9 ft		Deck width, out-to-out 12.8 m = 42.0 ft		Bridge roadway width, curb-to-curb 11 m = 36.1 ft					
Inventory Route, Total Horizontal Clearance 11 m = 36.1 ft		Curb or sidewalk width - left 2.6 m = 8.5 ft		Curb or sidewalk width - right 2.6 m = 8.5 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Monolithic Concrete (concurrently placed with structural deck) [1]									
Deck protection		Epoxy Coated Reinforcing [1]									
Type of membrane/wearing surface											

**Weight Limits**

Bypass, detour length 0.8 km = 0.5 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 3.6 metric ton = 4.0 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 48.1 metric ton = 52.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

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 restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	17
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	September 2012 [0912]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	September 2010 [0910]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2012 [0912]
Other special inspection	Not needed [N]	Other special inspection date	