

The National Bridge Inventory contains data submitted by state transportation 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

Pennsylvania [42]		Allegheny County [003]		Rankin [63408]		MA07KN RM NAP KENMAWR AVE		40-24-28.43 = 40.407897		079-52-34.31 = -79.876197	
2663		Highway agency district: 11		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		KENMAWR AVE RMP RD		Toll On free road [3]		Features intersected FLEET STREET					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1951		Year reconstructed 1985			
4		Stringer/Multi-beam or girder [02]		0		Other [00]		Skew angle 0		Structure Flared	
						Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 61.9 m = 203.1 ft		Length of maximum span 14.9 m = 48.9 ft		Deck width, out-to-out 18.1 m = 59.4 ft		Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft					
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft		Curb or sidewalk width - left 2.3 m = 7.5 ft		Curb or sidewalk width - right 2.3 m = 7.5 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		38.1 metric ton = 41.9 tons	
0.6 km = 0.4 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		63.5 metric ton = 69.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic	8381	Average daily truck traffi	5	%	Year	2005	Future average daily traffic	10000	Year	2025
Road classification	Local (Urban) [19]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	2		Navigation control	Not applicable, no waterway. [N]			
Navigation vertical clearanc	0 = N/A			Navigation horizontal clearance	0 = N/A					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft			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	99.9 = Unlimited				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.42 m = 14.5 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Equal to present minimum criteria [6]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by owner's forces [2]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	48000	Roadway improvement cost	149000						
	Length of structure improvement	62 m = 203.4 ft		Total project cost	651000					
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	74.9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	July 2017 [0717]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2017 [0717]
Other special inspection	Not needed [N]	Other special inspection date	

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Basic Information

Pennsylvania [42]		Allegheny County [003]		Rankin [63408]		MA07TL RANKIN BR-TALBOT A		40-24-28.80 = 40.408000		079-52-38.28 = -79.877300	
2665		Highway agency district: 11		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		TALBOT AVE-RAMP RD		Toll On free road [3]		Features intersected UNION RR,W BRAD A,TONER					
Design - main Steel continuous [4]		Design - approach Steel [3]		Kilometerpoint 0 km = 0.0 mi		Year built 1951		Year reconstructed 1985			
3		Girder and floorbeam system [03]		1		Girder and floorbeam system [03]		Skew angle 0		Structure Flared	
						Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 106.4 m = 349.1 ft		Length of maximum span 41.5 m = 136.2 ft		Deck width, out-to-out 16.6 m = 54.5 ft		Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft					
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft		Curb or sidewalk width - left 1.5 m = 4.9 ft		Curb or sidewalk width - right 0.5 m = 1.6 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 36.3 metric ton = 39.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 60.8 metric ton = 66.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic	2364	Average daily truck traffi	5	%	Year	2005	Future average daily traffic	3000	Year	2025
Road classification	Local (Urban) [19]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
Navigation vertical clearanc	0 = N/A			Navigation horizontal clearance	0 = N/A					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft			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	99.9 = Unlimited				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.42 m = 14.5 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Equal to present minimum criteria [6]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	136000	Roadway improvement cost	399000						
	Length of structure improvement	106 m = 347.8 ft		Total project cost	1831000					
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	65.5
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	July 2017 [0717]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2017 [0717]
Other special inspection	Not needed [N]	Other special inspection date	

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Basic Information

Pennsylvania [42] Allegheny County [003] Rankin [63408] MA07TL RANKIN BR-TALBOT A 40-24-02 = 40.400556 079-52-03 = - 79.867500
 2665 Highway agency district 11 Owner Town or Township Highway Agency [03] Maintenance responsibility Town or Township Highway Agency [03]
 Route 0 TALBOT AVE-RAMP RD Toll On free road [3] Features intersected UNION RR,W BRAD A,TONER
 Design - main Steel continuous [4] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi
 2 Girder and floorbeam system [03] 2 Girder and floorbeam system [03] Year built 1951 Year reconstructed 1985
 Skew angle 0 Structure Flared
 Historical significance Bridge is possibly eligible for the NRHP. [3]
 Total length 106.4 m = 349.1 ft Length of maximum span 41.5 m = 136.2 ft Deck width, out-to-out 16.6 m = 54.5 ft Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft
 Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft Curb or sidewalk width - left 1.5 m = 4.9 ft Curb or sidewalk width - right 0.5 m = 1.6 ft
 Deck structure type Concrete Cast-in-Place [1]
 Type of wearing surface Bituminous [6]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 36 metric ton = 39.6 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 61 metric ton = 67.1 tons
 Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	2364	Average daily truck traffi	5	%	Year	2005	Future average daily traffic	3000	Year	2025
Road classification	Local (Urban) [19]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	10 m = 32.8 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	4 m = 13.1 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective 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	0	Roadway improvement cost	0						
	Length of structure improvement	106 m = 347.8 ft		Total project cost	2000					
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	61.4
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	July 2011 [0711]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2011 [0711]
Other special inspection	Not needed [N]	Other special inspection date	