

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**

New Jersey [34]	Mercer County [021]	Trenton [74000]	120FT N OF NJ33 TRAFF CIR	40-13-03.17 = 40.217547	074-45-17.40 = -74.754833
1149162	Highway agency district: 2	Owner Unknown [80]	Maintenance responsibility	State Highway Agency [01]	
Route 0	SOUTH CLINTON AVE	Toll On free road [3]	Features intersected	AMTRAK NE CORRIDOR	
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 556.8 km = 345.2 mi	Year built 1890 Year reconstructed 1983
				Skew angle 51	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	36 m = 118.1 ft	Length of maximum span	35.1 m = 115.2 ft	Deck width, out-to-out	8.2 m = 26.9 ft
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft	Curb or sidewalk width - left	1.8 m = 5.9 ft	Curb or sidewalk width - right	1.8 m = 5.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	23.6 metric ton = 26.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	39 metric ton = 42.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load		

### Functional Details

Average Daily Traffic	9130	Average daily truck traffi	4	%	Year	2013	Future average daily traffic	10960	Year	2033
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	10.1 m = 33.1 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Railroad [2]		Lanes under structure	0		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	4.32 m = 14.2 ft			
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	3 m = 9.8 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	5.82 m = 19.1 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
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	1362000	Roadway improvement cost	100000						
	Length of structure improvement	45 m = 147.6 ft		Total project cost	2775000					
	Year of improvement cost estimate									
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge not over waterway. [N]"/>		
Channel and channel protection	<input type="text" value="Not applicable. [N]"/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A [N]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="49.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="January 2013 [0113]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="January 2013 [0113]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>

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**Basic Information**

New Jersey [34]	Mercer County [021]	Trenton [74000]	.05 MI NOR. OF GRNWOOD AV	40-13-04.67 = 40.217964	074-45-17.14 = -74.754761
1100052	Highway agency district: 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	S CLINTON AVENUE	Toll On free road [3]	Features intersected	ASSUNPINK CREEK	
Design - main 2	Masonry [8] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 556.8 km = 345.2 mi	Year built 1869
				Year reconstructed N/A [0000]	Skew angle 0
				Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]
Total length	33.2 m = 108.9 ft	Length of maximum span	16.8 m = 55.1 ft	Deck width, out-to-out	15.4 m = 50.5 ft
Bridge roadway width, curb-to-curb	7.3 m = 24.0 ft	Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft	Curb or sidewalk width - left	3.2 m = 10.5 ft
				Curb or sidewalk width - right	3 m = 9.8 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Inventory rating	23.6 metric ton = 26.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Operating rating	32.7 metric ton = 36.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	

### Functional Details

Average Daily Traffic	9070	Average daily truck traffi	4	%	Year	2013	Future average daily traffic	12240	Year	2033
Road classification	Minor Arterial (Urban) [16]		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 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 bridge						Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature 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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1651000	Roadway improvement cost	101000						
	Length of structure improvement	33.2 m = 108.9 ft		Total project cost	2398000					
	Year of improvement cost estimate	2013								
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Not Applicable [N]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	43.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	April 2013 [0413]	Designated inspection frequency	24 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 inspection date	