

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

New York [36]	Kings County [047]	New York [51000]	OVER GOWANUS CANAL	40-40-46.35 = 40.679542	073-59-18.60 = -73.988500
2240270	Highway agency district: #Num!	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 0	UNION STREET	Toll On free road [3]	Features intersected	GOWANUS CANAL	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 156.1 km = 96.8 mi	Year built 1905	Year reconstructed 1962	
3 Movable - Bascule [16]	2 Girder and floorbeam system [03]	Skew angle 0	Structure Flared	Yes, flared [1]	
		Historical significance	Bridge is eligible for the NRHP. [2]		
Total length 32.6 m = 107.0 ft	Length of maximum span 17 m = 55.8 ft	Deck width, out-to-out 14.1 m = 46.3 ft	Bridge roadway width, curb-to-curb	10.7 m = 35.1 ft	
Inventory Route, Total Horizontal Clearance 10.6 m = 34.8 ft	Curb or sidewalk width - left 1.7 m = 5.6 ft	Curb or sidewalk width - right	1.7 m = 5.6 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	Inventory rating 15.2 metric ton = 16.7 tons
	Method to determine operating rating	Operating rating 33.7 metric ton = 37.1 tons
Bridge posting	Equal to or above legal loads [5]	Design Load

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	Serious [3]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Meets minimum tolerable limits to be left in place as is [4]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	35.6
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			
Traffic safety features - approach guardrail ends			
Inspection date	July 2018 [0718]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2018 [0918]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2018 [0718]
Other special inspection	Not needed [N]	Other special inspection date	