

HistoricBridges.org - National Bridge Inventory Data Sheet

1992 Inventory

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 York [36]	Cortland County [023]	Taylor [73220]	2.0 MI NE OF CINCINNATUS	42-33-54 = 42.565000	075-53-00 = - 75.883333
2207170	Highway agency district 32	Owner Town or Township Highway Agency [03]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route 0	TOWNLINE RD	Toll On free road [3]	Features intersected	OTSELIC RIVER	
Design - main	Aluminum, Wrought Iron or Cast Iron [9]	Design - approach	Kilometerpoint		
1	Truss - Thru [10]	0	Other [00]	Year built 1920	Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length	25.3 m = 83.0 ft	Length of maximum span	25 m = 82.0 ft	Deck width, out-to-out	3.7 m = 12.1 ft
Inventory Route, Total Horizontal Clearance	3.5 m = 11.5 ft	Curb or sidewalk width - left	0.1 m = 0.3 ft	Curb or sidewalk width - right	0.1 m = 0.3 ft
Deck structure type	Wood or Timber [8]				
Type of wearing surface	Wood or Timber [7]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Inventory rating
0.5 km = 0.3 mi		2.7 metric ton = 3.0 tons
	Method to determine operating rating	Operating rating
		4.5 metric ton = 5.0 tons
Bridge posting	30.0 - 39.9 % below [1]	Design Load

Functional Details

Average Daily Traffic	56	Average daily truck traffi	10	%	Year	1986	Future average daily traffic	700	Year	2010
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3 m = 9.8 ft			
Type of service on bridge	Highway [1]		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	3.65 m = 12.0 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	355000	Roadway improvement cost	41000
	Length of structure improvement	43.6 m = 143.1 ft	Total project cost	619000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Condition ratings - substructure

Condition ratings - deck

Fair [5]

Appraisal ratings -
roadway alignment

Appraisal ratings -
deck geometry

Scour

Scour calculation/evaluation has not been made. [6]

Channel and channel protection

Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

18.7

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

May 1991 [0591]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

May 1991 [0591]

Other special inspection

Not needed [N]

Other special inspection date