

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]	Wayne County [117]	Galen [28013]	3 MI SE JCT SH 14 & CANAL	43-01-54.00 = 43.031667	076-57-13.84 = -76.953844
4437030	Highway agency district: 47	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	LYONS-MARENGO RD	Toll On free road [3]	Features intersected	ERIE CANAL	
Design - main Steel [3]	Design - approach Prestressed concrete [5]	Kilometerpoint 294.4 km = 182.5 mi	Year built 1909	Year reconstructed 1988	
1 Truss - Thru [10]	2 Box beam or girders - Multiple [05]	Skew angle 0	Structure Flared		
		Historical significance	Historical significance is not determinable at this time. [4]		
Total length 71.9 m = 235.9 ft	Length of maximum span 55.1 m = 180.8 ft	Deck width, out-to-out 5.1 m = 16.7 ft	Bridge roadway width, curb-to-curb 4.3 m = 14.1 ft		
Inventory Route, Total Horizontal Clearance 4.3 m = 14.1 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Not applicable [N]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	20.9 metric ton = 23.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	35.4 metric ton = 38.9 tons
Bridge posting	20.0 - 29.9 % below [2]		Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	696	Average daily truck traffi	9 %	Year	2017	Future average daily traffic	702	Year	2038
Road classification	Minor Collector (Rural) [08]	Lanes on structure	1	Approach roadway width	7.3 m = 24.0 ft				
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]								
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	5.5 m = 18.0 ft		Navigation horizontal clearance	22.8 m = 74.8 ft					
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.03 m = 13.2 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]							
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	2612000	Roadway improvement cost	1529000					
	Length of structure improvement	71.9 m = 235.9 ft		Total project cost	4141000				
	Year of improvement cost estimate	2018							
	Border bridge - state		Border bridge - percent responsibility of other state						
	Border bridge - structure number								

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of replacement [2]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	33.5
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	July 2018 [0718]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2018 [0718]
Other special inspection	Not needed [N]	Other special inspection date	