

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]	Washington County [115]	Greenwich [30686]	1.0MI.N OF RT 29&HUDSON R	43-07-00 = 43.116667	073-34-36 = - 73.576667
3306380	Highway agency district: 18	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	CR70 DIX BRIDGERD	Toll On free road [3]	Features intersected	HUDSON RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint	Year built #Num!	Year reconstructed 1960	
3	Truss - Thru [10]	0	Other [00]	Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length 129.8 m = 425.9 ft	Length of maximum span 43.9 m = 144.0 ft	Deck width, out-to-out 4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft		
Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.9 km = 1.2 mi	Method to determine inventory rating	Inventory rating 9 metric ton = 9.9 tons
	Method to determine operating rating	Operating rating 12.6 metric ton = 13.9 tons
Bridge posting 20.0 - 29.9 % below [2]	Design Load	

Functional Details

Average Daily Traffic	692	Average daily truck traffi	10	%	Year	1974	Future average daily traffic	8537	Year	2010
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	5.8 m = 19.0 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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc			Navigation horizontal clearance							
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	5.08 m = 16.7 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	1550000	Roadway improvement cost	180000						
	Length of structure improvement	148.1 m = 485.9 ft		Total project cost	2703000					
	Year of improvement cost estimate									
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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 desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	8.2
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	September 1991 [0991]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 1990 [0790]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 1991 [0991]
Other special inspection	Not needed [N]	Other special inspection date	