## HistoricBridges.org - National Bridge Inventory Data Sheet

The National Bridge Inventory contains data submitted by state transportion 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							43-15-57.03 =	078-01-53.25
New York [36]	Orleans County [0	73]	Murray [49286]	.1 MI S JCT SH104 8	& SH237		43.265842	= -78.031458
1042410 Highway age		ency district: 45	Owner State Highway	Agency [01]	Maintenance	responsibility	State Highway Age	ncy [01]
Route 237	RTI	E 237	Toll On fre	ee road [3]	Features intersec	ed E BRN SAN	IDY CREEK	
Design - Steel [3] main  Stringer/M	ulti-beam or girder [(	Design - approach  D2] 0 Other	er [00]	Kilometerpoint 1954  Year built 1954  Skew angle 20	644.4 km = 1019.9 Year rec Structure FI	onstructed N/A	[0000]	
				Historical significanc	e Bridge is	not eligible for t	he NRHP. [5]	
Total length 14.3 m	= 46.9 ft L	ength of maximum s	pan 13.4 m = 44.0 ft	Deck width, out-to-	out 10.1 m = 33.1	ft Bridge road	dway width, curb-to-cu	7.9 m = 25.9 ft
Inventory Route, Tota	ıl Horizontal Clearan	ce $7.9 \text{ m} = 25.9 \text{ ft}$	Curb or sidewalk w	vidth - left $0  m = 0.0$	) ft	Curb or side	ewalk width - right	0 m = 0.0 ft
Deck structure type		Concrete Cast-in-Pl	ace [1]					
Type of wearing surface Bituminous [6]								
Deck protection Other Coate		Other Coated Reinf	Reinforcing [3]					
Type of membrane/w	earing surface							
Weight Limits								
Bypass, detour lengt	h Method to dete	rmine inventory ratin	g Load Factor(LF) [1]	In	ventory rating	32.7 metric ton	= 36.0 tons	
0.9  km = 0.6  mi	Method to dete	rmine operating ratin	g Load Factor(LF) [1]	0	perating rating	54.4 metric ton	= 59.8 tons	
	Bridge posting	Equal to or above	legal loads [5]	D	esign Load Othe	er [C]		

Functional Details										
Average Daily Traffic 1412 Average daily tr	uck traffi 5 % Year 2017 Future average daily traffic 1426 Year 2038									
Road classification Major Collector (Rural) [07]	Lanes on structure 2 Approach roadway width 11 m = 36.1 ft									
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median									
Parallel structure designation No parallel structure	e exists. [N]									
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control									
Navigation vertical clearance 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]									
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost 548000 Roadway improvement cost 321000									
is replacement to if	Length of structure improvement 14.3 m = 46.9 ft Total project cost 868000									
	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 Open, no res	triction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]  Better than present minimum criteria [7]						
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment							
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]						
Condition ratings - deck	Fair [5]								
Scour	Bridge foundations determin	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]							
Channel and channel protection	Bank protection is being erochannel. [5]	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]							
Appraisal ratings - water adequac	y Somewhat better than minin in place as is [5]	num adequacy to tolerate b	g left Status evaluation						
Pier or abutment protection			Sufficiency rating 80	2					
Culverts Not applicable. Used i	f structure is not a culvert. [N]								
Traffic safety features - railings	Inpected fea	ature meets currently acce							
,		d feature meets currently acceptable standards. [1]							
Traffic safety features - approach		Inpected feature meets currently acceptable standards. [1]							
Traffic safety features - approach	guardrail ends Inpected fea	ture meets currently acceptable standards. [1]							
Inspection date September 2	018 [0918] Designated insp	pection frequency 24	Months						
Underwater inspection	Not needed [N]	Underwater inspec	Underwater inspection date						
	Not needed [N]	Fracture critical inspection date							
Other special inspection	Not needed [N]	ed [N] Other special inspection date							