## 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							41-31-12.95 =	076-57-14.93
Pennsylvania [42]	Lycoming County [08	1]	McIntyre [46208]	1.5 MILES N OF R	ALSTON		41.520264	= -76.954147
24507	Highway agenc	y district: 3	Owner State Highway	Agency [01]	Maintenance	responsibility	State Highway Age	ncy [01]
Route 14	PA 14		Toll On fre	ee road [3]	Features interse	cted LYCOMING	CREEK	
Design - Steel [3] main  Truss - The	au [10]	Design - approach	other [00]	Kilometerpoint Year built 1930	1984.8 km = 1230 Year re	.6 mi constructed 1994	4	
I IIuss - IIII	u [10]	U O	ililer [ooj	Skew angle 45 Historical significan	Structure F	lared s eligible for the N	NRHP. [2]	
Total length 42.7 m	= 140.1 ft Len	gth of maximun	n span 40.5 m = 132.9 ft		o-out 7.6 m = 24.9		dway width, curb-to-cu	urb 7.3 m = 24.0 ft
Inventory Route, Total	Il Horizontal Clearance	7.3 m = 24.0	ft Curb or sidewalk w	idth - left 0 m = 0	).0 ft	Curb or side	ewalk width - right	0  m = 0.0  ft
Deck structure type	Co	oncrete Cast-in	-Place [1]					
Type of wearing surfa	nce Mo	onolithic Concr	ete (concurrently placed with str	ructural deck) [1]				
Deck protection	Eŗ	ooxy Coated Re	einforcing [1]					
Type of membrane/w	earing surface							
Weight Limits								
Bypass, detour lengt	h Method to determi	ne inventory ra	Allowable Stress(AS	) [2]	Inventory rating	20 metric ton =	22.0 tons	
8.9 km = 5.5 mi	Method to determi	ne operating ra	Allowable Stress(AS	) [2]	Operating rating	40.8 metric ton	= 44.9 tons	
	Bridge posting	Equal to or abo	ve legal loads [5]		Design Load HL	93 [A]		

Functional Details		
Average Daily Traffic 3302 Average daily to	ruck traffi 18 % Year 2018 Future average daily traffi	fic 5583 Year 2032
Road classification Minor Arterial (Rural) [06]	Lanes on structure 2	Approach roadway width 9.8 m = 32.2 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 clearanc 0 = N/A	Navigation horizontal clearance 0 = N/A	
Minimum navigation vertical clearance, vertical lift bri	dge 0 m = 0.0 ft Minimum vertical cle	earance over bridge roadway 5.13 m = 16.8 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]	
Minimum lateral underclearance on right 0 = N/A	Minimum lateral under	rclearance 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 owner's forces [2]	
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 0 Roadway	improvement cost 0
acterioration of madequate strength, [55]	Length of structure improvement 43 m = 141.1 ft	Total project cost 208000
	Year of improvement cost estimate	
	Border bridge - state	Border bridge - percent responsibility of other state
	Border bridge - structure number	

Inspection and Sufficiency							
Open, no restriction [A]		Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]				
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]				
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Basically intolerab	ent [2]			
Condition ratings - deck	Good [7]	deck geometry					
Scour	Bridge foundations	determined to be stable for the asse	ssed or calculated s	cour condition	า. [8]		
Channel and channel protection		o slump. River control devices and novement evident. Debris is restrict			espread minor damage.	There is	
Appraisal ratings - water adequac	Equal to present m	inimum criteria [6]	Status	evaluation	Functionally obsolete	[2]	
Pier or abutment protection			Sufficie	ency rating	40.8		
	if structure is not a culvert.						
Traffic safety features - railings	<u> </u>		feature meets currently acceptable standards. [1]				
Traffic safety features - transitions		pected feature meets currently accep	otable standards. [1]				
Traffic safety features - approach  Traffic safety features - approach	_						
, , , ,		ated inspection frequency 24	Months				
Underwater inspection   April 2018 [0418]   Design   Desi		ated inspection frequency 24  Underwater inspec					
•	Every two years [Y24]	Fracture critical ins		pril 2018 [0418			
·	Not needed [N]	Other special inspe		2010 [0 110	~1		
Other special inspection	INOL HEEUCU [IN]	Other special inspe	oction date				

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Basic Info	ormation							41-31-12.10 =	076-57-14.25
Pennsylv	ania [42]	Lycoming County [	081]	McIntyre [46208]	1.5 MILES N OF RA	LSTON		41.520028	= -76.953958
24507		Highway age	ency district: 3	Owner State Highwa	ay Agency [01]	Maintenance	responsibility	State Highway Age	ncy [01]
Route 1	4	SR	14	Toll On	r free road [3]	Features intersec	ted OVER LYC	OMING CREEK	
Design - main	Steel [3]  Truss - Thru	u [10]	Design - approach	other [00]	Year built 1930		onstructed 199	4	
					Skew angle 45 Historical significance		not eligible for t	• • •	
Total leng	th 42.7 m =	= 140.1 ft L	ength of maximur	m span 40.5 m = 132.9 ft	Deck width, out-to-	-out $7.6 \text{ m} = 24.9$	ft Bridge roa	dway width, curb-to-ci	$\frac{7.3 \text{ m} = 24.0 \text{ ft}}{}$
Inventory	Route, Total	Horizontal Clearan	ce $7.3 \text{ m} = 24.0$	ft Curb or sidewall	k width - left $0 \text{ m} = 0.0$	0 ft	Curb or sid	ewalk width - right	0  m = 0.0  ft
Deck stru	cture type		Concrete Cast-in	-Place [1]					
Type of w	earing surfac	ce	Monolithic Concr	ete (concurrently placed with	structural deck) [1]				
Deck prot	ection		Epoxy Coated Ro	einforcing [1]					
Type of m	nembrane/we	earing surface							
Weight L	imits								
71	detour length	Method to deter	rmine inventory ra	Load Factor(LF)	[1]	nventory rating	37 metric ton =	40.7 tons	
8.9 km =	5.5 mi	Method to dete	rmine operating ra	Load Factor(LF)	[1]	perating rating	58 metric ton =	63.8 tons	
		Bridge posting	Equal to or abo	ve legal loads [5]		esign Load MS	18+Mod / HS 20	)+Mod [6]	

Functional Details				
Average Daily Traffic 3611 Average daily to	ruck traffi 18 % Year 2013	Future average daily traffic	3349 Year 20	032
Road classification Minor Arterial (Rural) [06]	Lanes on structure 2		Approach roadway w	idth 9.8 m = 32.2 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way	rtraffic [2]	Bridge media	nn
Parallel structure designation No parallel structure	re exists. [N]		,	
Type of service under bridge Waterway [5]	Lanes under structure 0	Navigation control		
Navigation vertical clearanc 0 = N/A	Navigation horizo	ontal clearance 0 = N/A		
Minimum navigation vertical clearance, vertical lift bri	dge 0 m = 0.0 ft	Minimum vertical clears	ance over bridge roadway	5.13 m = 16.8 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]			
Minimum lateral underclearance on right 0 = N/A		Minimum lateral undercle	arance on left 0 = N/A	
Minimum Vertical Underclearance 0 = N/A	Minimum vertical u	inderclearance reference fea	Feature not a highwa	ay 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 ow	ner's forces [2]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 0	Roadway imp	provement cost 0	
actorioration of madequate strongth, [66]	Length of structure improvement	43 m = 141.1 ft	otal project cost 0	
	Year of improvement cost estimate			
	Border bridge - state	Во	rder bridge - percent respo	nsibility of other state
	Border bridge - structure number			

Inspection and Suf	ficiency								
Structure status	Open, no res	striction [A]	Apprais structura	ai ratings	Somewhat better than minimum adequacy to tolerate being left in place as is [5]				
Condition ratings - :	n ratings - superstructure Fair [5]			al ratings - y alignment	Equal to pres				
Condition ratings - s	substructure	Satisfactory [6]		Jui rutii 195	Basically into	ent [2]			
Condition ratings - o	ondition ratings - deck Good [7]		deck go	eometry					
Scour		Bridge foundati	ions determined to be sta	ble for the assess	sed or calculat	ed scour conditio	ın. [8]		
Channel and chann	el protection		ing to slump. River controlled movement evident. D				espread minor damage.	There is	
Appraisal ratings - water adequacy Equ		Equal to presen	nt minimum criteria [6]		St	atus evaluation	Functionally obsolete	[2]	
Pier or abutment pr	otection				Sı	ufficiency rating	48.5		
Culverts Not appl	licable. Used	if structure is not a culv	/ert. [N]						
Traffic safety featu	res - railings		Inpected feature meets	currently accepta	able standards	i. [1]			
Traffic safety features - transitions		Inpected feature meets currently acceptable standards. [1]							
Traffic safety featu	res - approach	n guardrail							
Traffic safety featu	res - approach	n guardrail ends							
Inspection date	April 2012 [0	<b>412</b> ] De	signated inspection frequ	uency 24	Mont	hs			
Underwater inspe	Underwater inspection Not needed [N]		Unc	derwater inspection	on date				
Fracture critical in	Fracture critical inspection Every two years [Y24]		Fra	cture critical inspe	ection date	July 2008 [0708	8]		
Other special insp		Not needed [N]	Oth	ner special inspect					