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							42-40-44 =	070-50-16 = -	
Massachusetts [25] Essex County [009]			[Ipswich [32310]] .32 KM SE OF COL		COUNTY RD	UNTY RD		70.837778	
I010022PQMUNNBI Highway agency district 4			Owner Town or Townsh	Owner Town or Township Highway Agency [03] Maintenance responsibility			Town or Township	Highway Agency [03]	
Route #Num!	ST 1	A/S MAIN ST	Toll On fre	Toll On free road [3] Features intersected WATER IPS			WICH RIVER		
Design - Masonry [8] main 2 Arch - Deck [7]	11]	Design - approach 0 Other	er [00]	Kilometerpoint Year built Skew angle Historical signifi	Structure F	constructed 1839			
Total length 21.9 m = 71.9 ft Length of maximum span 9.1 m = 29.9 ft Deck width, out-to-out 11.2 m = 36.7 ft Bridge roadway width, curb-to-curb 8.1 m = 26.6 ft									
Inventory Route, Total H Deck structure type		10 m = 32.8 ft Not applicable [N]	Curb or sidewalk w	Curb or sidewalk width - left 1.8 m = 5.9 ft Curb or sidewalk width - right 0.6 m = 2.0 ft					
Type of wearing surface Not applicable (applie			lies only to structures with no deck) [N]						
Deck protection Not applicable (applie		lies only to structures with no	es only to structures with no deck) [N]						
Type of membrane/wearing surface Not applicable (applie			lies only to structures with no	deck) [N]					
Weight Limits									
Bypass, detour length Method to determine inventory rating		Allowable Stress(AS) [2]		Inventory rating	32.4 metric ton =	: 35.6 tons			
0.2 km = 0.1 mi Method to determine operating rating		Allowable Stress(AS) [2]	Operating rating	44.1 metric ton =	48.5 tons			
Bridge posting Equal to or above legal loads [5]				Design Load					

Functional Details									
Average Daily Traffic 33600 Average daily tr	uck traffi 7 % Year 2009 Future average daily traffic 53064 Year 2030								
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 2 Approach roadway width 8.8 m = 28.9 ft								
Type of service on bridge Highway-pedestrian [5]	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 bridge 0 m = 0.0 ft 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 or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost 693000 Roadway improvement cost 70000								
William deak renabilitation of replacement [56]	Length of structure improvement 22 m = 72.2 ft Total project cost 1040000								
	Year of improvement cost estimate 2011								
	Border bridge - state Border bridge - percent responsibility of other state								
	Border bridge - structure number								

Inspection and Sufficiency									
Structure status Open, no restriction [A]		Appraisal ratings - structural							
Condition ratings - superstructur Good [7]		Appraisal ratings - roadway alignment	Meets minir	to be left in place as is [4]					
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically int	igh priority of replacement [2]					
Condition ratings - deck	Not Applicable [N]								
Scour		Bridge with "unknown" foundation that has not been evaluated for scour. [U]							
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 adequac	Superior to present desirable	Superior to present desirable criteria [9]			Functionally obsolete [2]				
Pier or abutment protection					71.8				
Culverts Not applicable. Used if structure is not a culvert. [N]									
Traffic safety features - railings									
Traffic safety features - transition	ns								
Traffic safety features - approach guardrail									
Traffic safety features - approach guardrail ends									
Inspection date									
Underwater inspection	Underwater inspec	Underwater inspection date January 2010 [0110]							
Fracture critical inspection	Not needed [N]	Fracture critical in:	spection date						
Other special inspection	Not needed [N]	Other special inspection date							