

COVER PAGE

CONDITION RATING GUIDE			(For Items 58, 59, 60 and 61)
	CODE	CONDITION	DEFECTS
	N	NOT APPLICABLE	
G	9	EXCELLENT	Excellent condition.
G	8	VERY GOOD	No problem noted.
G	7	GOOD	Some minor problems.
F	6	SATISFACTORY	Structural elements show some minor deterioration.
F	5	FAIR	All primary structural elements are sound but may have minor section loss, cracking, spalling or scour.
P	4	POOR	Advanced section loss, deterioration, spalling or scour.
P	3	SERIOUS	Loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present.
C	2	CRITICAL	Advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present or scour may have removed substructure support. Unless closely monitored it may be necessary to close the bridge until corrective action is taken.
C	1	"IMMINENT" FAILURE	Major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put it back in light service.
	0	FAILED	Out of service - beyond corrective action.

DEFICIENCY REPORTING GUIDE	
DEFICIENCY:	A defect in a structure that requires corrective action.
CATEGORIES OF DEFICIENCIES:	
M = Minor Deficiency	Deficiencies which are minor in nature, generally do not impact the structural integrity of the bridge and could easily be repaired. Examples include but are not limited to: Spalled concrete, Minor pot holes, Minor corrosion of steel, Minor scouring, Clogged drainage, etc.
S = Severe/Major Deficiency	Deficiencies which are more extensive in nature and need more planning and effort to repair. Examples include but are not limited to: Moderate to major deterioration in concrete, Exposed and corroded rebars, Considerable settlement, Considerable scouring or undermining, Moderate to extensive corrosion to structural steel with measurable loss of section, etc.
C-S = Critical Structural Deficiency	A deficiency in a structural element of a bridge that poses an extreme unsafe condition due to the failure or imminent failure of the element which will affect the structural integrity of the bridge.
C-H = Critical Hazard Deficiency	A deficiency in a component or element of a bridge that poses an extreme hazard or unsafe condition to the public, but does not impair the structural integrity of the bridge. Examples include but are not limited to: Loose concrete hanging down over traffic or pedestrians, A hole in a sidewalk that may cause injuries to pedestrians, Missing section of bridge railing, etc.
URGENCY OF REPAIR:	
I = Immediate-	[Inspector(s) immediately contact District Bridge Inspection Engineer (DBIE) to report the Deficiency and to receive further instruction from him/her].
A = ASAP-	[Action/Repair should be initiated by District Maintenance Engineer or the Responsible Party (if not a State owned bridge) upon receipt of the Inspection Report].
P = Prioritize-	[Shall be prioritized by District Maintenance Engineer or the Responsible Party (if not a State owned bridge) and repairs made when funds and/or manpower is available].

SUMMARY

This document summarizes the condition ratings of numerous bridges owned by the Town of Great Barrington. The conditions ratings and deficiency reportings are based on the latest MassDOT Inspection Reports. All deficiencies for each bridge are not presented in this summary.

BRIDGE G11001-04E

DIVISION ST. OVER WILLIAMS RIVER

SUMMARY

Street Name	-	Division Street	Structure Type	-	Steel Stringer/Girder
Feature Intersection	-	Williams River	Year Built	-	1949
Span Length	-	56.8 ft	Number of Lanes	-	2
Posting?	-	Yes - 16 Tons (H20)	Overall Cond. Rating	-	Deck Superstruct Substruct
					7 6 7

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating	Notes
Wearing Surface	- 5	M-P	
Railing	- 6	M-P	Railing has failed in several locations
Paint Truss/Framing	- 4	M-P	
Approach Pavement	- 5	M-P	
Approach Settlement	- 5	M-P	

PHOTOS



Photo 5: South railing with detached rails.



Photo 3: East approach with extensive cracking and areas of settlement.



PHOTO 5 - TYPICAL FRAMING

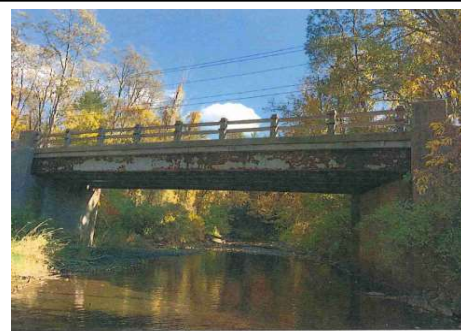


PHOTO 3 - NORTH ELEVATION

BRIDGE G11008-04K

BROOKSIDE RD. OVER HOUSATONIC RIVER

SUMMARY

Street Name	- Brookside Road	Structure Type	- Steel Thru Truss
Feature Intersection	- Housatonic River	Year Built	- 1949
Span Length	- 143.7 ft	Number of Lanes	- 2
Posting?	- Yes - 15 Tons (H20)	Overall Cond. Rating	- Deck Superstruct Substruct
			6 5 6

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating		Condition Rating	Deficiency Rating
Wearing Surface	- 5	M-P	Paint/Coating	- 4	S-P
Railing	- 4	S-A	Trusses - General	- 6	M-P
Deck Joints	- 5	M-P	Conn. Plates/Gussets	- 6	M-P
Stringers	- 5	S-A	Deck Joints	- 5	M-P
Floorbeams	- 5	S-A	Rivets & Bolts	- 6	M-P
Bearings	- 4	S-A			

PHOTOS



12: North Railing, 11th post from East Abutment with perforation in low web



14: South Railing, 10th and 12th panel from West Abutment upper rail disconnected



21: Stringer S5 at Floorbeam FB3, north face with rust and section loss



42: Southwest Bearing with debris, rust, and anchor bolt nut section loss as well as overexpansion with bent anchor rods

BRIDGE G11011-AVQ

PUMPKIN HOLLOW RD. OVER GREEN RIVER

SUMMARY

Street Name	-	Pumkin Hollow Rd.	Structure Type	-	Timber Thru Truss - Timber deck
Feature Intersection	-	Green River	Year Built	-	1999
Span Length	-	59 ft	Number of Lanes	-	2
Posting?	-	OPEN	Overall Cond. Rating	-	Deck Superstruct Substruct
					7 5 7

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Wearing Surface	- 5	M-P
Railing	- 5	M-P
Trusses - General	- 5	M-P
Bearings	- 5	M-P
Paint/Coating	- 4	M-P



1: General topside, looking north.

PHOTOS



4: Typical splitting in the railing posts and blockouts.



3: Typical gouges in joint (south joint shown). Also, note the pavement breaking up along the joint and the minor approach settlement.



2: General underside, looking south.



8: Typical splitting and delaminations in the ends of the sway bracing.

BRIDGE G11007-04J

BRIDGE ST. OVER HOUSATONIC RIVER

SUMMARY

Street Name	- Bridge Street	Structure Type	- Steel Thru-Truss
Feature Intersection	- Housatonic River	Year Built	- 1951
Span Length	- 129 ft	Number of Lanes	- 2
Posting?	- Yes - 20 Tons (H20)	Overall Cond. Rating	- Deck Superstruct Substruct
			6 5 6

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Sidewalks	- 5	M-P
Railing	- 5	S-P
Trusses - General	- 5	M-P
Bearings	- 5	M-P
Conn. Plates/Gussets	- 5	M-P



PHOTOS



18: North Truss upper chord member U15-L16, looking south. Note the painted over section loss.



3: Underside of deck in Panel 1 between the South Truss and Stringer S1, looking west. Note the map cracking with efflorescence.



11: South railing at the Southwest Wingwall, looking east. Note the missing anchor bolts.



4: Edge of deck and underside of sidewalk in Panel 1 near Floorbeam FB2, looking southeast. Note the spalls with and without exposed rebar.

BRIDGE G11012-04M

SEEKONK CROSS RD. OVER GREEN RIVER

SUMMARY

Street Name	- Seekonk Cross Road	Structure Type	- Steel Continuous Stringer
Feature Intersection	- Green River	Year Built	- 1956
Total Span Length	- 77 ft	Number of Lanes	- 2
Posting?	- Yes - 17 Tons (H20)	Number of Spans	- 3
		Overall Cond. Rating	- Deck 6 Superstruct 6 Substruct 7 Channel 5

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Wearing Surface	- 5	M-P
Railing	- 5	M-P
Approaches	- 5	M-P
Paint Coating	- 5	M-P
Conn. Plates/Gussets	- 5	M-P
Channel Scour & Embankment Erosion	- 5	M-P



6: East elevation of spans 2 & 3 showing aggradation along pier 1 and main flow along Pier 2 resulting in a scour hole at the downstream nose.

PHOTOS



4: West railing, near mid-span showing deteriorated timber rails and missing section of top rail.

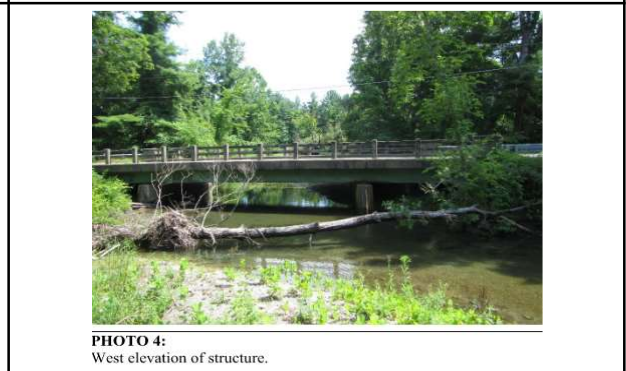


PHOTO 4: West elevation of structure.



PHOTO 10: Rotten railing, West side.



PHOTO 1: Bridge from the North approach.

BRIDGE G11010-4YP

ALFORD RD. OVER LONG POND BROOK

SUMMARY

Street Name	- Aldford Road	Structure Type	- Concrete Frame
Feature Intersection	- Long Pond Brook	Year Built	- 1948
Total Span Length	- 12 ft	Number of Lanes	- 2
Posting?	- Open	Overall Cond. Rating	- Deck Superstruct Substruct
			7 7 7

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Railing	- 5	M-P
Approach Pavement	- 7	M-P

PHOTOS



2: General underside, looking east.



: Spalling throughout the west fascia (rail base and frame roof).



1: General topside, looking south. Note the west approach guardrail.

BRIDGE G11013-04N

HURLBURT RD. OVER GREEN RIVER

SUMMARY

Street Name	-	Hurlburt Road	Structure Type	-	Steel Continuous Stringer
Feature Intersection	-	Green River	Year Built	-	1958
Total Span Length	-	154.8 ft	Number of Lanes	-	2
Posting?	-	Open	Number of Spans	-	3
			Overall Cond. Rating	-	Deck 7 Superstruct 7 Substruct 7

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Wearing Surface	- 5	M-P
Curbs	- 6	M-P
Railing	- 6	M-P
Embankment Erosion	- 5	M-P
Aggradation	- 5	M-P

PHOTOS



BRIDGE G11003-04G

DIVISION ST. OVER SEEKONK BROOK

SUMMARY

Street Name	-	Division St.	Structure Type	-	Precast Concrete Panels
Feature Intersection	-	Seekonk Brook	Year Built	-	1996
Total Span Length	-	50 ft	Number of Lanes	-	2
Posting?	-	Open	Overall Cond. Rating	-	Deck Superstruct Substruct
					7 7 7

CONDITION ASSESSMENT

		Condition Rating	Deficiency Rating
Wearing Surface	-	6	M-P
Channel Debris	-	6	M-P

PHOTOS



Photo 2: Typical underside, looking east.



Photo 4: Vertical misalignment between beams 1 & 2.



Photo 6: Cut panel in the northwest transition.



Photo 3: Longitudinal reflective cracking along the north curb, consistent with the misalignment between beams 1 & 2. Also, note the debris along the curbs.

BRIDGE G11029-AFT

SEEKONK RD. OVER SEEKONK BROOK

SUMMARY

Street Name	-	Seekonk Rd.	Structure Type	-	Concrete Cast-in-Place
Feature Intersection	-	Seekonk Brook	Year Built	-	2003
Total Span Length	-	50.5 ft	Number of Lanes	-	2
Posting?	-	Open	Overall Cond. Rating	-	Deck Superstruct Substruct
					7 7 7

CONDITION ASSESSMENT

	Condition Rating	Deficiency Rating
Sidewalk Settlement	- 6	M-P

PHOTOS



Photo 1: General topside, looking east.



Photo 2: Typical underside, looking east.



Photo 4: East approach sidewalk showing settlement adjacent to the bridge.



Photo 6: Old abutment wall at the east side showing extensive cracking, efflorescence and scaling.

BRIDGE G11006-04H

COTTAGE ST. OVER HOUSATONIC RIVER

SUMMARY

Street Name	- Cottage St.	Structure Type	- Steel Thru-Truss
Feature Intersection	- Housatonic River	Year Built	- 1934
Total Span Length	- 50.5 ft	Number of Lanes	- 2
Posting?	- Closed		
Funding Date	- 2025		
Funding Source	- Surface Transportation Block Program (STBG)		

PHOTO



3: Typical Wearing Surface, Heavy Alligator and Longitudinal Cracking and Patches, Looking East

BRIDGE G11002-04F - Old

DIVISION ST. OVER HOUSATONIC RIVER

SUMMARY

Street Name	-	Division St.	Structure Type	-	Modular Steel Truss
Feature Intersection	-	Housatonic River	Year Built	-	2022
Total Span Length	-	140 ft	Number of Lanes	-	1
Posting?	-	Open	Status	-	Temporary
Funding Date	-	2025			
Funding Source	-	Massachusetts Next Generation Bridge Program (NGBP)			

PHOTO

