

Bridge Number

STATE OF CONNECTICUT

DEPARTMENT OF TRANSPORTATION

BRIDGE SAFETY & EVALUATION

STRUCTURE EVALUATION

SHEET 1 OF 2 FORM BR-19 REV 10/00

Inspected By: _____ & _____

Sufficiency Rating
Previous Inspection Date

BS&E Received Data Entry By: _____
Copies Made Data Entry Date: _____

SHEET _____ OF _____ (INSP. REPORT)

IDENTIFICATION

Bridge Name

Town Name

Town Code

5) Inventory Route:

A) Record Type

B) Signing Prefix

C) Level of Service

6) Feature Intersected

7) Facility Carried

9) Location

11) Milepoint

16) Latitude

17) Longitude

98) Border Bridge:

A) State Code

C) Border Town Name

99) Border Bridge Structure No

STRUCTURE TYPE AND MATERIAL

43) Structure Type, Main:

A) Material

44) Structure Type, Approach:

A) Material

45) Number of Spans, Main Unit

46) Number of Approach Spans

107) Deck Structure Type

108) Wearing Surface/Protective System:

A) Type of Wearing Surface

B) Type of Membrane

C) Type of Deck Protection

90) Inspection Date

Inspection Team

91) Frequency Class

Indepth Insp

Deck Survey

Access

Flagman

CRITICAL FEATURE INSPECTIONS

Type Frequency Team Date

Fracture:

Uwater:

Special:

RED FLAG

AGE AND SERVICE

27) Year Built

42) Type of Service:

A) On

28) Number of Lanes:

A) On

29) Average Daily Traffic

109) Percent Truck

30) Year of ADT

19) Bypass, Detour Length

106) Year Reconstructed

B) Under

B) Under

Half ADT?:

miles

GEOMETRIC DATA

48) Length of Max Span

49) Structure Length

50) Curb or Sidewalk Widths:

A) Left

51) Brg Rdwy width, curb-curb

52) Deck Width, Out-Out

32) Approach Roadway Width

33) Bridge Median

Deck Area

34) Skew Angle

35) Structure Flared

10) Inv. Rte. Min. Vert Clearance

47) Log Inv. Rte. Total Horiz Clr.:

53) Min Vert Clearance Over Bridge

54) Min Vert Under Clearance

55) Min Lat Under Clearance on Right

56) Min Lat Under Clearance on Left

B) Right

BRIDGE COMMENTS

CLASSIFICATION

112) NBIS Bridge Length	
104) Highway System	
26) Functional Class	
100) Defense Highway	
101) Parallel Structure	
102) Direction of Traffic	
103) Temporary Structure	
110) Designated National Network	
20) Toll	
21) Maintain	
22) Owner	
Report Class	
37) Historical Significance	

WATERWAY

DrainageBasinCode	
38) Navigation Control	
39) Navigation Vert. Cir.	
116) Vert-Lift Brg Nav Min	
111) Pier Abutment Protection	
40) Navigation Horiz. Cir.	

PROPOSED IMPROVEMENTS

75A) Type of Work Proposed	
75B) Work Done By	
76) Length of Struct. Improvement	
94) Bridge Improvement Cost	
95) Roadway Improvement Cost	
96) Total Project Cost	
97) Year of Improvement	
114) Future ADT	
115) Year Future ADT	

POSTED SIGNS & UTILITIES

Other Posted Signs 1	
Other Posted Signs 2	
Actual P.L. Single Unit Truck	
Rec. P.L. Single Unit Truck	
Actual P.L. Semi-TrailerTruck	
Rec. P.L. Semi-TrailerTruck	
Rec. P.L. All Vehicles	
Posted Vert Clearance On Bridge	
Posted Vert UnderClearance	
Posted Speed Limit	
Utility	

STRUCTURE EVALUATION

SHEET 2 OF 2 FORM BRL-19 REV 10/00

SHEET ____ OF ____ (INSP. REPORT

Inspected By: _____ & _____

Bridge Number	
Town Name	
Facility Carried	
Feature Crossed	
NBIS Length	

31) Design Load	
63) Operating Rating Type	
64) Operating Rating	
65) Inventory Rating Type	
66) Inventory Rating	

CONDITION

58) Deck	
59) Superstructure	
60) Substructure	
61) Channel & Chan. Protection	
62) Culverts	

LOAD RATING AND POSTING

Rating	By	
67) Structure Evaluation		
68) Deck Geometry		
69) Under Clear Vert & Horiz		
71) Waterway Adequacy		
72) Approach Rdwy Alignment		
113) Scour Critical		

APPRAISALS

Rating	By	
36) Traffic Safety Features:		
A) Bridge Railings		
B) Transitions		
C) Approach Guardrail		
D) Approach Guardrail End		

OTHER FEATURES

Fence Required	
Fence Present	
Fence Height	
Fence Type	
Fence Material	
Fence Top Type	
Barrel Ladder	
Stand Pipes	
Cat Walks	
Movable Inspection System	
Loose Concrete Checked?	

INSPECTION COMMENTS

Proposed Next Indepth Insp Year _____

Senior Supervisor _____

REVIEWED BY _____ Date _____

BRIDGE INSPECTION

SHEET 1 of 2

BRI-18 REV. 11/83

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
 BUREAU OF HIGHWAYS

SNOOPER REQUIRED YES NO

SNOOPER USED YES

ROUTE	BRIDGE NO.	TOWN	TYPE
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OVER/UNDER	YEAR BUILT	INSPECTED BY	DATE
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58 DECK		RATING 9-0	INSP. RATING 9-0
1.	OVERLAY		
2.	DECK-STR. COND.		
3.	CURBS		
4.	MEDIAN		
5.	SIDEWALKS		
6.	PARAPET		
7.	RAILING		
8.	PAINT		
9.	DRAINS		
10.	LIGHTING STANDARD		
11.	UTILITIES - TYPE AND SIZE		
12.	CONSTRUCTION JOINTS		
13.	EXP. JOINT		

59 SUPERSTRUCTURE		RATING 9-0	INSP. RATING 9-0
1.	BEARING DEVICES		
2.	STRINGERS		
3.	GIRDERS		
4.	FLOOR BEAMS		
5.	TRUSSES - GENERAL		
	PORTALS		
	BRACING		
6.	PAINT		
7.	MACHINERY MOV. SPAN		
8.	RIVETS & BOLTS		
9.	WELDS - CRACKS		
10.	RUST		
11.	TIMBER DECAY		
12.	CONCRETE CRACKING		
13.	COLLISION DAMAGE		
14.	DEFLECTION UNDER LOAD	<input type="checkbox"/> NORMAL <input type="checkbox"/> EXCESSIVE	
15.	ALIGNMENT OF MEMBERS		
16.	VIBRATION UNDER LOAD	<input type="checkbox"/> NORMAL <input type="checkbox"/> EXCESSIVE	

60 SUBSTRUCTURE		RATING 9-0	INSP. RATING 9-0
1.	ABUTMENTS STEM		
	BACKWALL		
	FOOTING		
	EROSION		
	SETTLEMENT		
	WINGWALLS		
2.	PIERS OR BENTS - CAPS		
	COLUMNS		
	FOOTING		
	SCOUR		
	SETTLEMENT		
3.	PILE BENT		
4.	CONCRETE CRACK - SPALL		
5.	STEEL CORROSION		
6.	TIMBER DECAY		
7.	DEBRIS ON SEATS		
8.	PAINT		
9.	COLLISION DAMAGE		

BRIDGE INSPECTION

SHEET 2 of 2

BRI-18 REV. 11/83

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

BRIDGE NO.	OVERALL LENGTH	SUFFICIENCY RATING	DATE
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61 CHANNEL & CHANNEL PROTECTION

		RATING 9-0	INSP. RATING 9-0
1.	CHANNEL SCOUR		
2.	EMBANKMENT EROSION		
3.	DEBRIS		
4.	VEGETATION		
5.	CHANNEL CHANGE		
6.	FENDER SYSTEM		
7.	SPUR DIKES AND JETTIES		
8.	RIP RAP		

62 CULVERT & RETAINING WALLS

			INSP. RATING 9-0
1.	BARREL		
	CONCRETE		
	STEEL		
	TIMBER		
2.	HEADWALL		
3.	CUTOFF WALL		
4.	DEBRIS		
5.	RETAINING WALL-STEM		
6.	FOOTING		

63 ESTIMATED REMAINING LIFE

YEARS

64. PERMIT CAPACITY

65 APPROACH CONDITION

			INSP. RATING 9-0
1.	APPROACH SLAB		
2.	RELIEF JOINTS		
3.	APPROACH - GUIDE RAIL		
	PAVEMENT		
	EMBANKMENT		
4.	TRAFFIC SAFETY FEATURE		

66. RATED LOADING

		TONS:	SINGLE UNIT	SEMI TRAILER	
1.	POSTED LOADING				
2.	ADVANCE WARNING		<input type="checkbox"/> YES	<input type="checkbox"/> NO	
3.	LEGIBILITY				
4.	VISABILITY & LOCATION				

INSPECTOR'S APPRAISAL OF GENERAL CONDITION OF THE STRUCTURE

RECORD VERTICAL CLEARANCE IF 14'6" or less ()	RECORD POSTED CLEARANCE ()	ADVANCE WARNING: <input type="checkbox"/> YES <input type="checkbox"/> NO	INSP. RATING 9-0
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RECORD SPEED LIMIT AT BRIDGE IF ANY.

CHARACTER OF TRAFFIC:

ADDITIONAL NOTES:
