

CONNECTICUT LOCAL BRIDGE PROGRAM

Fiscal Year 2002

PRELIMINARY APPLICATION

FIRETOWN ROAD over

BISSELL BROOK

Simsbury, CT

Federal

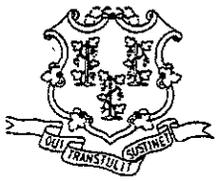
ConnDOT Bridge No. 04549

Prepared for the
Connecticut Department of Transportation
Local Bridge Program
Newington, Connecticut

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1. APPLICATION



CONNECTICUT DEPARTMENT OF TRANSPORTATION

James F Sullivan, Commissioner



PRELIMINARY APPLICATION FOR THE LOCAL BRIDGE PROGRAM

Preliminary application is hereby made by the Town/City/Borough of Simsbury for possible inclusion in the Local Bridge Program (C.G.S. Sections 13a-175p through 13a-175w) for Fiscal Year 2002 for the following structure:

Bridge Location: Firetown Road over Bissell Brook

Bridge Number: 04549 Length of Span: 24 feet

Sufficiency Rating: 76.26 % Priority Rating: 76.12 %

Evaluation & Rating Data Accomplished by State Forces: Yes [X] No

Evaluation & Rating Data Accomplished by Others: Yes No

(Professional Certification Required)

If Others, Name of Professional Engineer:

Connecticut Professional Engineers License Number:

Engineer's Address:

Description of Existing Condition of Structure: (attach description)

Description of Scope of Project: (attachment - Include 2 copies of preliminary plans and specifications).

Name of Municipal Official to Contact: Richard L. Sawitzke, P.E.

Mailing Address: Town Office Building, 933 Hopmeadow Street, P.O. Box 495, Simsbury, CT 06070

Telephone: (860) 658-3230 FAX: (860) 658-9467

E-mail:

Preliminary Cost Figure :

Table with 2 columns: Description and Amount. Rows include Preliminary Engineering Fees (\$60,407), Rights-of-Way Cost (N/A), Municipally Owned Utility Relocation Cost (N/A), Estimated Construction Costs (\$402,719), Construction Engineering (\$60,407), Contingencies (\$40,271), and Total Estimated Project Cost (\$563,750).

Financial Aid Data:

Federal Reimbursement: (Limited to qualifying bridges – See Appendix 1)

Total Estimated Project Cost multiplied by 80%:

Project Reimbursement Request \$ 451,000⁰⁴³

State Local Bridge Project Grant: (Cannot be Combined with federal reimbursement)

Allowable Grant Percentage 29.42% of Total Cost.

Project Grant Request \$ _____

State Local Bridge Project Loan: (maximum 50% of total project cost)

Project Loan Request \$ _____

Schedule: (Anticipated Dates)

Design Completion:	<u>Fall 2003</u>
Property Acquisition Completion:	<u>N/A</u>
Utilities Coordination Completion,	<u>Fall 2003</u>
Construction Advertising:	<u>Fall 2003</u>
Supplemental Application Submission:	<u>Spring 2004</u>
Start of Construction:	<u>Spring 2004</u>
Completion of Construction:	<u>Fall 2004</u>

I hereby certify that the above is accurate and true, to the best of my knowledge and belief.

Signature: Richard L. Sawitzke
(Chief Elected Official, Town Manager, or other Officer Duly Authorized)
Richard L. Sawitzke, P.E.
Town Engineer / Director of Capital Projects

Date: May 10, 2001

Return completed applications to: Mr. Stanley C. Juber
Administrator of the Local Bridge Program
Connecticut Department of Transportation
2800 Berlin Turnpike, P.O. Box 317546
Newington, Connecticut 06131-7546

2. DESCRIPTION / EXISTING CONDITION

2. Description / Existing Condition

The bridge carrying Firetown Road over the Bissell Brook is a simple span consisting of a reinforced concrete slab and concrete parapets with a wire rope and angle iron bridge rail. The original structure was built in 1949. The existing bridge travelway width is approximately 26' and is referenced as ConnDOT Bridge No. 04549. The structure has a clear span of 21' and is eligible for Federal funding under the Local Bridge Program for the fiscal year 2002.

Superstructure

According to the ConnDot bridge inspection report, dated 9/7/99, the deck is in good condition (rating = 7) with light map cracking. A small area of spall above abutment #2 has been repaired recently. There is no known membrane waterproofing.

Both concrete parapet curbs show light scale. The angle iron bridge rail posts have light to moderate rust and exposed primer.

Substructure

According to the ConnDot bridge inspection report, dated 9/7/99, the substructure is in satisfactory condition (rating=6). There is a full height vertical crack at abutment #2 and small surface spalls. The northeast wingwall shows a large diagonal crack from the bridge seat elevation to the base of the wingwall caused by the deck shifting. There is spalling and exposed rebar along this crack.

Channel and Channel Protection

There is moderate to heavy gravel and sand accumulation at the northwest and southeast corners. The southwest embankment has some scour and sloughing. The overall rating according to the ConnDot bridge inspection report, dated 9/7/99 is satisfactory (rating = 6).

Roadway Approaches

The approach guide rail is double wire rope on wood posts and is in good condition. The pavement is showing minor transverse and longitudinal cracks. The northwest corner has eroded from roadway runoff.

3. PROPOSED CONDITION

3. Proposed Condition

Although the existing structure is in satisfactory condition, the deteriorating condition of the abutments, and wingwalls warrant rehabilitation of the bridge. This rehabilitation would include the following:

- 1) Remove the existing deck and superstructure.
- 2) Repair the abutment crack and replacing the damaged portions of the wingwalls.
- 3) Install prestressed concrete deck units and elastomeric bearing pads on rebuilt bridge seats to create a 28' travelway.
- 4) Cast new sidewalks and parapets.
- 5) Install a new bridge rail system
- 6) Pave the structure with 2 ½ inches of bituminous concrete over membrane waterproofing.
- 7) Install new guide railing and approaches.

Estimated construction cost for the work is \$402,719.00. A detailed estimate is provided on the following pages.

4. COST OPINION

Town of Simsbury
Firetown Road over Bissell Brook
Bridge No. 04549
Federal Local Bridge Program

Preliminary Cost Opinion

Item No	Description	Unit	Estimated Quantity	Unit Cost	Extended Cost
Structure Items					
1A	Bituminous Concrete Class 1	Ton	9	\$60.00	\$545
1B	Bituminous Concrete Class 2	Ton	5	\$60.00	\$286
2	Membrane Waterproofing	S.Y.	108	\$43.48	\$4,675
3	Remove Existing Structure	L.S.	1	\$50,000.00	\$50,000
4	Class "A" Concrete	C.Y.	36	\$600.00	\$21,558
4A	Substrucuter Repair	L.S.	1	\$4,000.00	\$4,000
7	Elastomeric Bearing Pads	Ea.	36	\$100.00	\$3,600
8	Prestressed Concrete Deck Units	L.F.	225	\$225.00	\$50,625
9	Granite Curb	L.F.	50	\$9.75	\$488
10	Metal Bridge Rail	L.F.	50	\$151.79	\$7,590
11	Structure Excavation	C.Y.	105	\$18.35	\$1,924
12	Pervious Structural Backfill	C.Y.	80	\$22.94	\$1,824
				Structure Subtotal:	\$146,569
				20% Contingency:	\$29,314
				Structure Total	\$175,883
Highway & Stream Channel					
1	Unsuitable Excavation	C.Y.	76	\$22.17	\$1,688
2	Borrow	C.Y.	252	\$12.23	\$3,081
3	Maintenance and Protection of Tra	L.S.	1	\$10,000.00	\$10,000
6	Roadway Excavation	C.Y.	252	\$13.76	\$3,466
7	Subbase	C.Y.	822	\$15.29	\$12,569
8	Formation of Subgrade	S.Y.	1076	\$1.67	\$1,797
9	Bituminous Concrete	TON	537	\$60.00	\$32,201
10	Mobilization	L.S.	1	\$63,500.00	\$63,500
12	Barricade Warning Lights	EA./DAY	669	\$0.90	\$602
13	Temporary Precast Concrete Barri	L.F.	128	\$11.28	\$1,448
14	Signs	S.F.	75	\$15.79	\$1,184
15	Metal Beam Rail (Type R-B)	L.F.	160	\$11.89	\$1,905
16	Guide Rail Anchors	EA.	4	\$575.00	\$2,300
18	Water Pollution Control	Est	1	\$10,000.00	\$10,000
19	Erosion and Sedimentation Contro	L.F.	724	\$5.49	\$3,972
20	Construction Staking	L.S.	1	\$11,650.00	\$11,650
21	Riprap	C.Y.	30	\$74.16	\$2,225
22	Catch Basins	EA..	4	\$1,500.00	\$6,000
24	Granite Stone Transition Curbing	L.F.	100	\$30.00	\$3,000
25	Turf Establishment / Topsoil	S.Y.	1111	\$8.86	\$9,842
26	Construction Trailer	Mo.	6	\$1,100.00	\$6,600
				Highway & Stream Channel Subtotal:	\$189,030
				20% Contingency:	\$37,806
				Highway & Stream Channel Subtotal	\$226,836
				Estimated Total Construction Cost:	\$402,719

5. APPENDIX

Rt 00000 BRIDGE # 4549 SIMSBURY CONCRETE SLAB
TIRETOWN ROAD / BISSELL BROOK YEAR BLT 1949 ALT 0000
Inspected by: STEVEN JARONCZYK
& JAMES JONES
On 09/07/99 From 10:15AM To 11:00AM =====

58. DECK	Rating	Overall Rating --> 7
1.OVERLAY	7	MACADAM, SHORT TRANSVERSE AND LONGITUDINAL CRACKS.
2.DECK- STR. CONDITION	7	NO KNOWN MEMBRANE.SEE 59-2.
3.CURBS	N	
4.MEDIAN	N	
5.SIDEWALKS	N	
6.PARAPET	7	RAILBASE---LIGHT SCALE AND ONE SMALL SURFACE SPALL ON THE EAST RAILBASE.
7.RAILING	7	ANGLE IRON POSTS AND CAPS SHOW LIGHT TO MODERATE RUST WITH EXPOSED PRIMER.
8.PAINT	N	
9.DRAINS	N	
10.LIGHTING STANDARD	N	
11.UTILITIES TYPE/SIZE	N	
12.CONSTRUCTION JOINTS	N	
13.EXPANSION JOINT	N	

59. SUPERSTRUCTURE	Rating	Overall Rating --> 7
1.BEARING DEVICES	N	
2.STRINGERS	7	REINFORCED CONCRETE SLAB SHOWS LIGHT MAP HAIRLINE CRACKS 3 S.F. SMALL SPALL AT ABUTMENT #2 SLAB OVER ABUTMENT, PATCHED THIS INSPECTION.
3.GIRDERS	N	
4.FLOOR BEAMS	N	
5.TRUSSES - GENERAL	N	
PORTALS	N	
BRACING	N	
6.PAINT	N	
7.RUST	N	
8.MACHINERY MOV. SPAN	N	
9.RIVETS AND BOLTS	N	
10.WELDS - CRACKS	N	
11.TIMBER DECAY	N	
12.CONCRETE CRACKING	7	
13.COLLISION DAMAGE	8	
14.ALIGNMENT OF MEMBRS	8	
15.DEFLECTN UNDR LOAD	N	(N) NORMAL (E) EXCESSIVE
16.VIBRATION UNDR LOAD	N	(N) NORMAL (E) EXCESSIVE

60. SUBSTRUCTURE	Rating	Overall Rating --> 6
1.ABUTMENTS STEM	6	BOTH ABUTMENTS SHOW LIGHT SCALE AT THE WATERLINE. ABUTMENT #2 SHOWS A FULL HEIGHT VERTICAL CRACK OPEN 1/8" AND SMALL SURFACE SPALLS, N/C.
BACKWALL	N	
FOOTING	7	FOUR FEET OF ABUTMENT #1 AND SOUTHWEST

60. SUBSTRUCTURE CONT...

		WING FOOTING EXPOSED WITH LIGHT SCALE. NO FOOTING EXPOSED THIS INSPECTION.
SETTLEMENT	7	SEE ABUTMENTS AND WINGWALLS.
WINGWALLS	6	DIAGONAL CRACK AT THE NORTHEAST WINGWALL FROM HAIRLINE AT THE BASE TO 4" SPALLS ALONG CRACK WITH EXPOSED REBARS. 7/8" THIS INSPECTION PREVIOUSLY REPORTED 9/16. SHIFTED AT THE TOP, SEE PAINT MARK. NORTHWEST WINGWALL SHOWS AN AREA OF SEVERE SCALE ON CAP WING TIP NEAR ABUTMENT 6"x 6"x 2"deep. 50% OF FACE SHOWS LIGHT-MEDIUM SCALE.
2.PIERS OR BENTS -CAPS	N	
PILE BENT	N	
COLUMN	N	
FOOTING	N	
SETTLEMENT	N	
3.EROSION - SCOUR	7	SEE FOOTING.
4.CONCRETE CRACK-SPALL	6	SEE 60-1.
5.STEEL CORROSION	N	
6.PAINT	N	
7.TIMBER DECAY	N	
8.COLLISION DAMAGE	8	
.DEBRIS	N	

61. CHAN/PROTECTION	Rating	Overall Rating --> 6
1.CHANNEL SCOUR	7	1' SCOUR AREA ALONG SOUTHWEST ABUTMENT.
2.EMBANKMENT EROSION	6	EROSION ALONG SOUTHWEST BANK (UPSTREAM). EROSION FROM ROADWAY RUNOFF AT NORTHWEST EMBANKMENT.
3.DEBRIS	6	HEAVY GRAVEL BUILD UP ALONG THE NORTHEAST.
4.VEGETATION	7	LIGHT GROWTH ON BUILD UP ALONG NORTHEAST WINGWALL.
5.CHANNEL CHANGE	8	FLOW GOES DIRECTLY TOWARDS THE SOUTHWEST WINGWALL AND ABUTMENT #1.
6.FENDER SYSTEM	N	
7.SPUR DIKES & JETTIES	N	
8.RIP RAP	7	SOME SLOUGHING AT THE NORTHWEST.

62. CULV & RET WALLS	Rating	Overall Rating --> N
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63. ESTIMATED REMAINING LIFE 10 YEARS

64. PERMIT CAPACITY (OFFICE ITEM)

65. APPROACH CONDITION	Rating	Overall Rating --> 7
APPROACH SLAB	N	
2.RELIEF JOINTS	N	

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65. APPROACH CONDITION CONT...

APPROACH GUIDE RAIL 8 DOUBLE WIRE ROPE RAIL ON WOOD POSTS.
PAVEMENT 7 TRANSVERSE AND LONGITUDINAL CRACKS.
EMBANKMENT 6 NORTHWEST HAS ERODED FROM ROADWAY
RUNOFF.

4. TRAFFIC SAFETY FEATR 0000

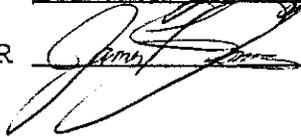
66. RATED LOADING

1. POSTED LOADING
SINGLE UNIT (TONS) NN
SEMI TRAILER (TONS) NN
2. ADVANCE WARNING Y/N N
3. LEGIBILITY N
4. VISIBILITY/LOCATION N

INSPECTOR'S APP. OF GEN. COND. OF THE STRUCTURE Overall Rating --> 7
VERT CLEAR. IF <14'6" NNNNNN
POSTED CLEARANCE NNNNNN
ADVANCE WARNING (Y/N) N
SPEED LIMIT (IF ANY) N
CHARACTER OF TRAFFIC LIGHT AND MIXED WEIGHTS.
ADDITIONAL NOTES REPORT BY S. JARONCZYK.

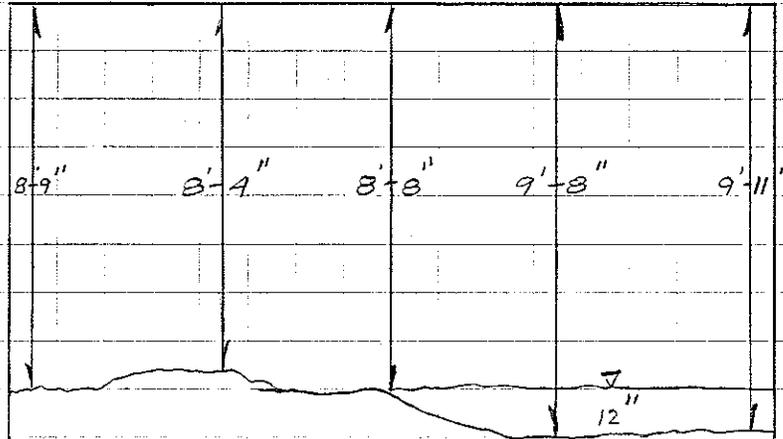
INVENTORY OF SHEETS IN COMPLETE REPORT
INV. 02 - PHOTOS 06 - FLD NOTES 00 - JNT MSRMT 00 - CLEAR DIAG. 00 - ATTACH ³ 02

SIGNATURES

INSPECTOR  DATE 09.08.99
INSPECTOR  DATE 9.8.99

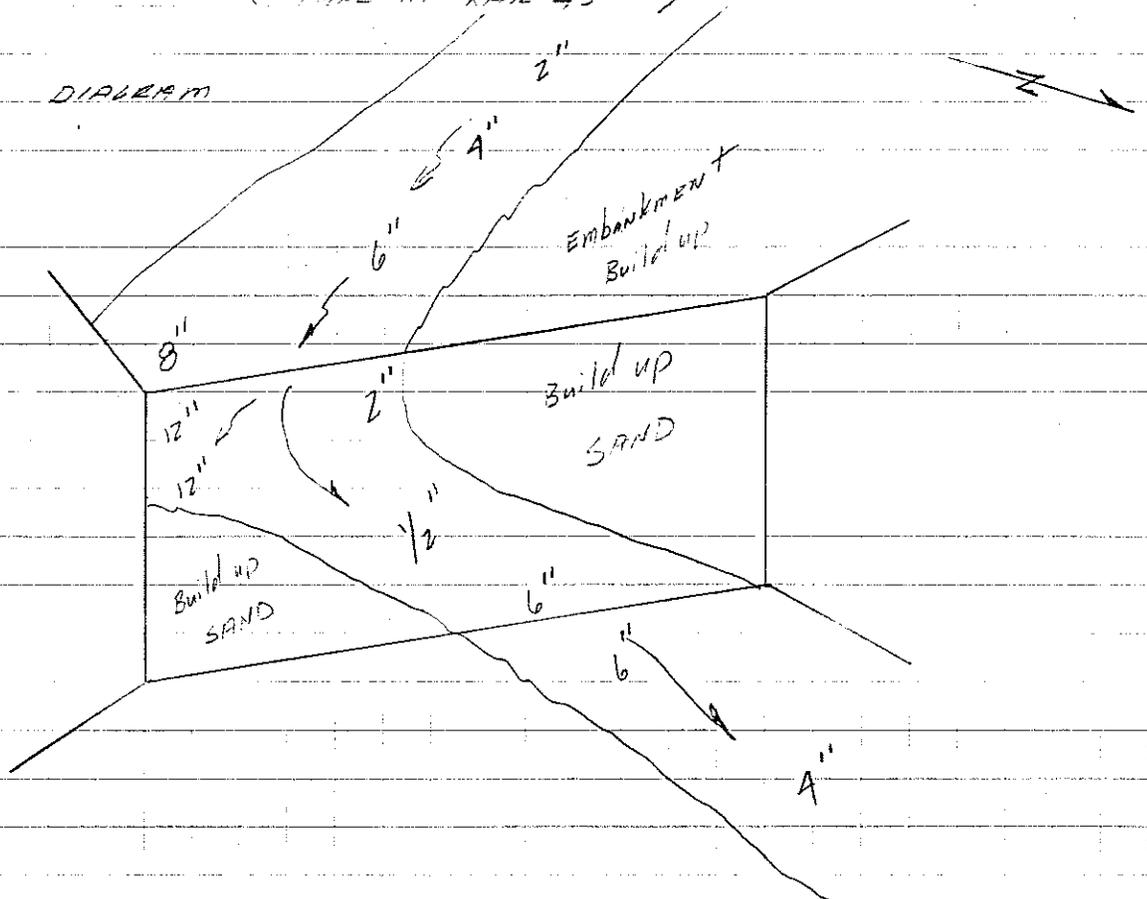
SUBJECT:

BR #4549 FIPETOWN ROAD - 0 - BISSELL BROOK, SIMSBURY



LOOKING DOWNSTREAM
(THREE INSIDE MEASUREMENTS)
TAKE AT PILE 4'S

WATER DEPTH DIAGRAM



7/8

Bridge No.: 4549 Date: 09-08-99 Prepared By: S. JARONCZYK

CONCRETE DETERIORATION WORKSHEET Form BRI-10, Rev. 9/97

Deterioration By Span - In Square Meters											
Span Number											
Deterioration Type	1	2	3	4	5	6	7	8	9	0	Total
Spalled and Delaminated Areas	Top:										
	Bot:										
Scale (Moderate to Severe Only)	Top:										
	Bot:										
Cracks: w/Efflorescence (use .5 width x length)	Bot:										
without Efflo. (use .25 width x length)	Top:										
	Bot:										
Map Cracking: w/Efflorescence (use full area)	Bot:										
without Efflo. (use 50% of area)	Top:										
	Bot:	1.5	Bot:								
Honeycombed Areas (only areas more than 40 mm deep)	Bot:										
TOTAL	1.5										
Span Area	686										
% Spalled and Delaminated on Top											
% Deterioration on Bottom	.22%										

Figure 6.1.2a - Concrete Deterioration Worksheet

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Bridge Element Inspection Report (English Units)

IDENTIFICATION DATA

Bridge ID:	04549	Insp. Date:	09/07/99
Town:	SIMSBURY	District:	04
Facility Carried:	FIRETOWN ROAD	Route:	00000 MP: 0.290 mi
Feat. Intersected:	BISSELL BROOK	Location:	150' NORTH OF NORTHGATE

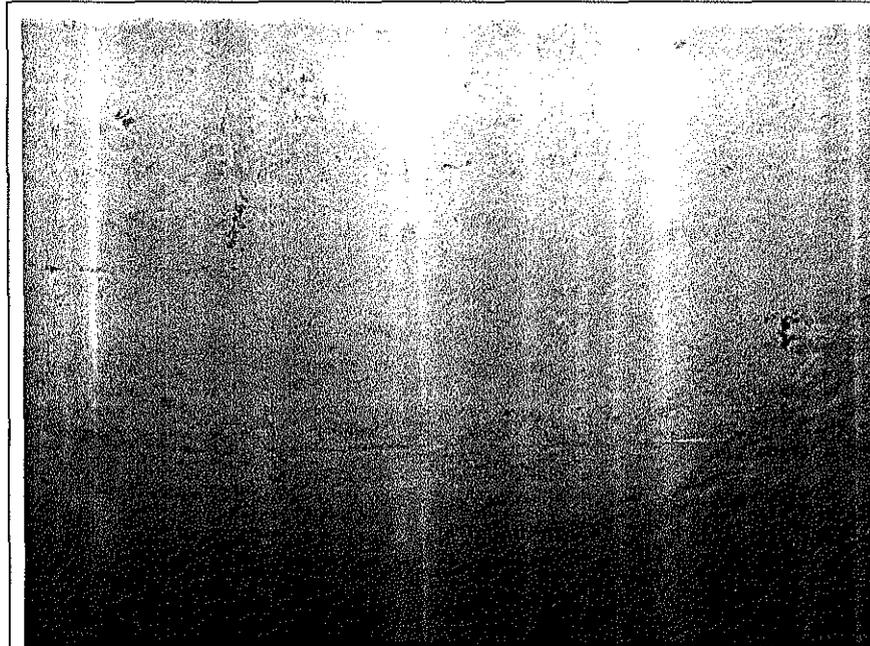
NBI RATINGS

Deck (58):	7 Good	Channel (61):	6 Bank Slumping
Superstructure (59):	7 Good	Culvert (62):	N N/A (NBI)
Substructure (60):	6 Satisfactory	Waterway (71):	7 Above Minimum

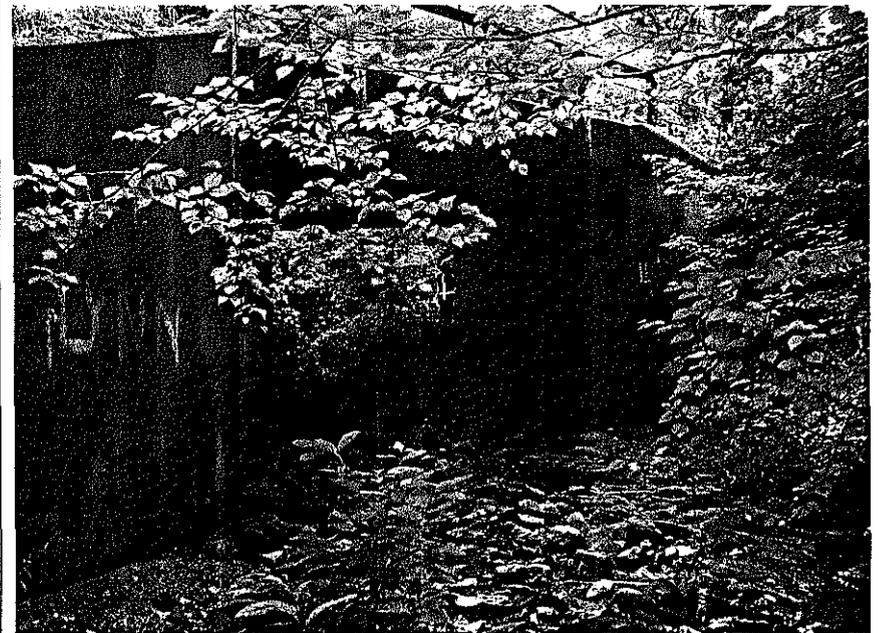
ELEMENT CONDITION STATE DATA

Quantity						Total	Notes
Elem/Env	State 1	State 2	State 3	State 4	State 5	Quantity	
Structure Unit:UNIT0 -Main Span - 1 Concrete - 01 Slab							
39/3	689					689 (SF)	
Unp Conc Slab/AC Ovl (ea)							
330/3	23	23				49 (LF)	
Metal Rail Uncoated							
215/3	75	7				85 (LF)	
R/Conc Abutment							
359/3	1					1 (EA)	
Soffit Smart Flag (ea)							

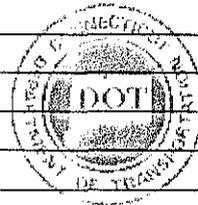
Bridge No.	04549		Inspected by:	Steve Jaronczyk
Town:	Simsbury		Inspected by:	Jim Jones
Feature Carried:	Firetown Road		Date Inspected:	09/08/99
Feature Crossed:	Bissell Brook		Project No.:	



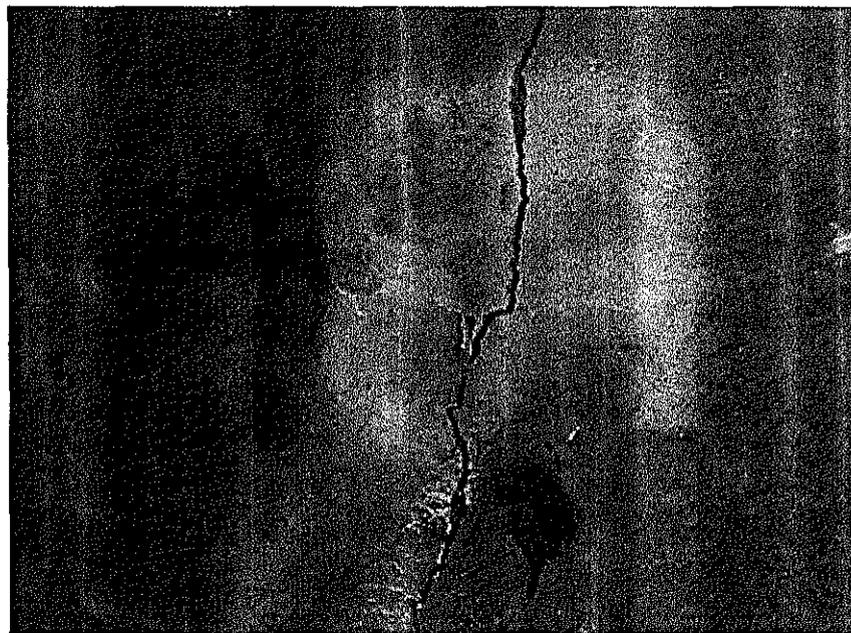
Description: UNDERSIDE



Description: EAST ELEVATION (OUTLET)



Bridge No.	04549	Inspected by:	Steve Jaronczyk
Town:	Simsbury	Inspected by:	Jim Jones
Feature Carried:	Firetown Road	Date Inspected:	09/08/99
Feature Crossed:	Bissell Brook	Project No.:	

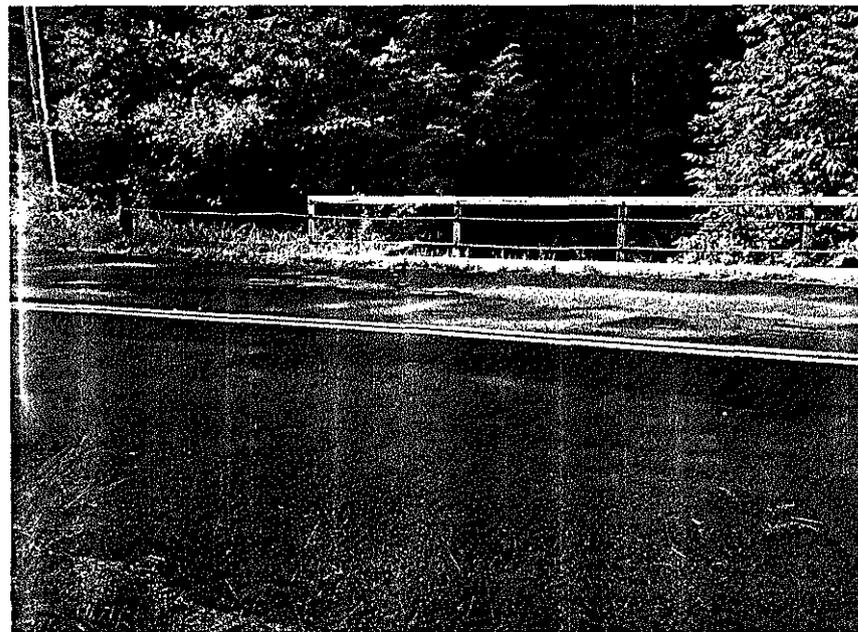


Description: VERTICAL CRACK OPEN 1/8" @ ABUTMENT #2



Description: NORTHEAST WINGWALL DIAGONAL CRACK WITH SPALLS

Bridge No.	04549		Inspected by:	Steve Jaronczyk
Town:	Simsbury		Inspected by:	Jim Jones
Feature Carried:	Firetown Road		Date Inspected:	09/08/99
Feature Crossed:	Bissell Brook		Project No.:	



Description: OVERLAY



Description: SOUTH APPROACH LOOKING NORTH

BRIDGE NUMBER 04549	TOWN NAME SIMSBURY	NBIS BRG LGTH Y 000024
FACILITY CARRIED FIRETOWN ROAD	FEATURE CROSSED BISSELL BROOK	

BS&E RECEIVED
COPIES MADE

DATA ENTRY
DATE: **12/18/89**
INITIAL: **BMW**

INSPECTED BY: **S. Jaranczyk & J. Jones**

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGE SAFETY & EVALUATION
STRUCTURE INVENTORY

SHEET 1 OF 2 FORM BRI19 REV 10/90

SHEET 1 OF 8 (INSP. REPORT)

LAST INSPECTED ON: **090997**
SUFFICIENCY RATING: **076.26**

(90) INSPECTION DATE MONTH DAY YEAR 01 07 91	INSP. TEAM 01 011	(91) FREQUENCY 24
IN-DEPTH INS 11 25 91	DECK SURVEY	ACCESS
FLAG MAN 00		00
CRITICAL FEATURE INSPECTIONS		
Insp. Type	(92) FREQUEN. Code if ch'd	(93) INSPECTION DATE (CODE IF CHANGED)
A)		
B)		
C)		

RED FLAG

IDENTIFICATION

- BRIDGE NAME: _____

(4) TOWN NAME _____ PLACE CODE: _____

(5) INVENTORY ROUTE:
B) SIGNING PREFIX **5** CITY STREET
C) LEVEL OF SERVICE **0** CITY STREET
D) NUMBER **00000**

(6) FEATURE INTERSECTED **BISSELL BROOK** CFI

(7) FACILITY CARRIED **FIRETOWN ROAD**

(9) LOCATION **150' NORTH OF NORTHGATE**

(11) MILEPOINT **000.29** Miles
(16) LATITUDE **0000.0**
(17) LONGITUDE **00000.0**

** (98) BORDER BRIDGE
A) STATE CODE _____
B) PERCENT RESPONSIBILITY _____
C) BORDER TOWN NAME _____

- (99) BORDER BRIDGE STRUCTURE NO. _____

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN
A) MATERIAL **1** CONCRETE
B) DESIGN TYPE **01** SLAB

(44) STRUCTURE TYPE, APPROACH
A) MATERIAL **0** NA
B) DESIGN TYPE **00** NA

(45) NUMBER OF SPANS, MAIN UNIT **001**
(46) NUMBER OF APPROACH SPANS **0000**

+ ** (107) DECK STRUCTURE TYPE **1** CONC. CAST-IN-PL

+ ** (108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE **6** BITUMINOUS
B) TYPE OF MEMBRANE **0** NONE
C) TYPE OF DECK PROTECTION **0** NONE

AGE AND SERVICE

(27) YEAR BUILT **1949**

(106) YEAR RECONSTRUCTED **0000**

(42) TYPE OF SERVICE
A) ON **1** HIGHWAY
B) UNDER **5** WATERWAY

+ (28) NUMBER OF LANES
A) ON **02**
B) UNDER **00**

* (29) AVERAGE DAILY TRAFFIC **003000**
* ** (109) PERCENT TRUCK **07%**
* (30) YEAR OF ADT **19 93** 19

(19) BYPASS, DETOUR LENGTH **06**

GEOMETRIC DATA

** (48) LENGTH OF MAXIMUM SPAN **0021** Ft
** (49) STRUCTURE LENGTH **000024** Ft

(50) CURB OR SIDEWALK WIDTHS
A) LEFT **00.0** Ft
B) RIGHT **00.0** Ft

** (51) BRG RDWY WIDTH, CURB-CURB **026.0** Ft
(52) DECK WIDTH, OUT TO OUT **028.7** Ft
(32) APPROACH ROADWAY WIDTH **025** Ft

(33) BRIDGE MEDIAN **0** NO MEDIAN
DECK AREA **000588** SqFt

(34) SKEW ANGLE **45** Deg
(35) STRUCTURE FLARED **0**

+ (10) INV. RTE, MIN. VERT CLEAR **99** Ft **99** In
+ (47) INV. RTE, TOTAL HORIZ CLEAR **26.0** Ft

+ (53) MIN VERT CLEAR OVER BRG RDWY **99** Ft **99** In
+ (54) MIN VERT UNDERCLEARANCE **00** Ft **00** In

+ (55) MIN LAT UNDERCLEAR ON RIGHT **N Ref 99.9** Ft
+ (56) MIN LAT UNDERCLEAR ON LEFT **00.0** Ft

BR	TOWN NAME SIMSBURY	NBIS BRG LGTH. Y 000024
TY CARRIED	FEATURE CROSSED	
TOWN ROAD	BISSELL BROOK	

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
DIVISION OF BRIDGE SAFETY & EVALUATION
STRUCTURE INVENTORY
SHEET 2 OF 2 FORM BRI19 REV 10/90

LOAD RATING AND POSTING

(31) DESIGN LOAD	4
(64) OPERATING RATING	260
(66) INVENTORY RATING	240
(70) BRIDGE POSTING	5
*(41) STRUCTURE OPERATIONAL STATUS	A

STRUCTURE IS OPEN, NO RESTRC.

INSPECTED BY: Jeromczyk & Jones

SHEET 2 OF 8 (INSP. REPORT)

CLASSIFICATION

** (112) NBIS BRIDGE LENGTH	Y	OVER 20 FT BRG. OFF-SYSTEM	
(104) HIGHWAY SYSTEM	0		
(26) FUNCTIONAL CLASS	09		
(100) DEFENSE HIGHWAY	0	NOT DEFENSE HWY	
** (101) PARALLEL STRUCTURE	N		
** (102) DIRECTION OF TRAFFIC	2		
** + (103) TEMPORARY STRUCTURE			
(110) DESIGNATED NATIONAL NETWORK	0	NOT ON NAT NETW	
(20) TOLL	3		
(21) MAINTAIN	03	TOWN HWY AGENCY	
(22) OWNER	03	TOWN HWY AGENCY	
(37) HISTORICAL SIGNIFICANCE	5		

CONDITION

*(58) DECK	7
*(59) SUPERSTRUCTURE	7
*(60) SUBSTRUCTURE	6
*(61) CHANNEL & CHANNEL PROTECTION	6
*(62) CULVERTS	N

Rating	By
7	SJ
7	SJ
6	SJ
6	SJ
N	ST

WATERWAY

DRAINAGE BASIN WATERWAY CODE	4399	
(38) NAVIGATION CONTROL	0	
(39) NAVIGATION VERT CLEAR	000	
(40) NAVIGATION HORIZ CLEAR	0000	
** (116) VERT-LIFT BRG NAV MIN		
** (111) PIER NAV PROTECTION		

APPRAISALS

(67) STRUCTURE EVALUATION	6
** (68) DECK GEOMETRY	9
+(69) UNDERCLEARANCES VERT & HORIZ	N
+(71) WATERWAY ADEQUACY	7
+(72) APPROACH ROADWAY ALIGNMENT	6

Rating	By
6	DMC
9	JJ
N	JJ
7	JJ
6	JJ

*(36) TRAFFIC SAFETY FEATURES	0000	0 0 0 0 0 0
- *(113) SCOUR CRITICAL BRIDGE	0	

ITEMS 58 THRU 72 CHECKED BY: _____

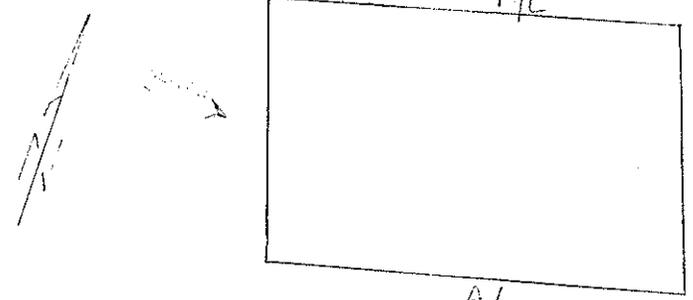
PROPOSED IMPROVEMENT

(75A) TYPE OF WORK PROPOSED		
(75B) WORK DONE BY:		
(76) LENGTH OF STRU IMPROV		Feet
(94) BRIDGE IMPROVEMENT COST	\$	
(95) ROADWAY IMPROVEMENT COST	\$	
(96) TOTAL PROJECT COST	\$	
(97) YEAR OF IMPROV COST EST		
(114) FUTURE ADT		
(115) YEAR OF FUTURE ADT		
DOT BRIDGE PROGRAM LIST NO		
PROJECT NUMBER		

ADDITIONAL COMMENTS:

PROPOSED NEXT ROUTINE INSPECTION DATE:	
PROPOSED NEXT UNDERWATER INSPECTION DATE:	
PROPOSED NEXT INDEPTH INSPECTION YEAR:	A/2

M	D	Y



POSTED SIGNS & UTILITIES

POSTED LOAD FOR SINGLE UNIT TRUCK	Tons	
POSTED LOAD FOR SEMI-TRAILER TRUCK	Tons	
POSTED VERT CLEARANCE ON THE BRIDGE	00 ft 00 in	
POSTED VERT UNDERCLEARANCE	00 ft 00 in	
POSTED SPEED LIMIT AT THE BRIDGE	mph	
OTHER POSTED SIGNS		
UTILITIES CARRIED BY BRIDGE		

REVIEWED BY: P. Carlson DATE: 9/21/99

- OFFICE CHECK 98B,99,113
 * FILL OUT ON EVERY INSPECTION...29,109,30,41,58,59,60,61,62,36
 VERIFY EVERY INSPECTION.....107,108(A,B,C,D),28(A+B),10,47,53,54,55,56(ALL POSTED SIGNS + UTILITIES) 69,71,72,103
 MUST BE FILLED OUT OR VERIFIED ON THE FIRST INSPECTION MADE BASED ON THE NEW FILLING GUIDE.
 98(A,B),107,108,109,112,101,102,103,116,111,113