

# STRUCTURE NO. 06656

ROUTE 202  
over  
BROOK  
LITCHFIELD

Routine Inspection  
on  
8/24/2006

Inspected by Team 5  
for Area 7

<b>TEAM:</b>	Forwarded to Senior	Keith DeBishop	Date	9-12-06
<b>SENIOR:</b>	Reviewed by Senior	RKD	Date	9-20-06
	BMM Required		No	Yes
	Town Bridge		No	
	Rating <= 5 (Items 58,59,60 or 62)		Yes	
	Forwarded to Supervisor	TDL	Date	9-26-06
	Forwarded to "To Be Copied Drawer"	<input type="checkbox"/>	Date	
	Date BRI-19 Entered		9-26-06	
<b>SUPERVISOR:</b>	Reviewed by Supervisor	TPC	Date	10/24/06
<b>SUPPORT:</b>	Date Copies Made	10-25-06	BMM No	06-429

**NBI: No**



Bridge Number 06656

Inspected By: P. Talmont & K. Weir

Sufficiency Rating             
Previous Inspection Date           

BS&E Received  Data Entry By: RKD  
Copies Made  Data Entry Date: 9-21-04

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION  
BRIDGE SAFETY & EVALUATION  
**STRUCTURE EVALUATION**

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

SHEET 3 OF 11 (INSP. REPORT)

90) Inspection Date	Inspection Team	91) Frequency	Class:
<u>082406</u>	<u>05</u>	<u>          </u>	<u>          </u>
Indepth Insp	Deck Survey	Access	Flagman
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
CRITICAL FEATURE INSPECTIONS			
Type	Frequency	Team	Date
Fracture:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uwater:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RED FLAG

IDENTIFICATION

Bridge Name            Town Code 43370

5) Inventory Route:  
A) Record Type  D) Route Number 00202  
B) Signing Prefix  E) Directional Suffix   
C) Level of Service

6) Feature Intersected  
BROOK

7) Facility Carried:  
US ROUTE 202

9) Location  
MILES S OF TORR TOWN LT

11) Milepoint 040.590  
16) Latitude            deg            min            sec  
17) Longitude            deg            min            sec

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  B) Design Type 3 19

44) Structure Type, Approach:  
A) Material  B) Design Type

45) Number of Spans, Main Unit 001

46) Number of Approach Spans 0000

107) Deck Structure Type

108) Wearing Surface/Protective System:  
A) Type of Wearing Surface   
B) Type of Membrane   
C) Type of Deck Protection

AGE AND SERVICE

27) Year Built 1950 106) Year Reconstructed 0000  
42) Type of Service: (EST)  
A) On  B) Under  5  
28) Number of Lanes:  
A) On  B) Under  00  
29) Average Daily Traffic 008800 Half ADT?:             
109) Percent Truck            % 06  
30) Year of ADT 2005  
19) Bypass, Detour Length            miles

GEOMETRIC DATA

48) Length of Max Span            ft 0010  
49) Structure Length            ft 000010  
50) Curb or Sidewalk Widths:  
A) Left            ft 00.0 B) Right            ft 00.0  
51) Brg Rdwy width, curb-curb            ft 042.0  
52) Deck Width, Out-Out            ft 000.0  
32) Approach Roadway Width            ft 042  
33) Bridge Median Deck Area            sqft 000660  
34) Skew Angle            deg 21  
35) Structure Flared             
10) Inv. Rte. Min. Vert Clearance            ft 99 in 99  
47) Log Inv. Rte. Total Horiz Clr.:            ft 42.0  
47) RLog Inv. Rte. Total Horiz. Clr.:            ft             
53) Min Vert Clearance Over Bridge            ft 99 in 99  
54) Min Vert Under Clearance            Ref ft 00 in 00  
55) Min Lat Under Clearance on Right            Ref ft 99.9  
56) Min Lat Under Clearance on Left            Ref ft 00.0

BRIDGE COMMENTS



# Connecticut Department of Transportation Bridge Inspection Report BRI-18

BRIDGE #: **06656**

INSPECTION DATE: **8/24/2006**

INSPECTION TYPE: **Routine** PREVIOUS INSPECTION DATE:  SNOOPER REQUIRED: **No**  
INSPECTION PERFORMED BY: **Team 5** SNOOPER USED: **No**

TOWN: **LITCHFIELD** FEATURE CARRIED: **ROUTE 202** YEAR BUILT: **1950**  
LOCATION: **1 MI S OF TORR. TL** FEATURE INTERSECTED: **BROOK** YEAR REBUILT: **0**  
MAIN MATERIAL: **Steel** MAIN DESIGN: **Culvert (includes frame culv)**

INSPECTION VISITS: Inspection Date: **8/24/2006** Start Time: **10:15 AM** Temperature: **79** ° F End Time: **12:00 PM**  
INSPECTORS: Inspector: **D. Talmont** Task: **Inventory Structure**  
Inspector: **K. Weir** Task: **Inventory Structure**

58. DECK  OVERALL RATING **P**

	RATING	
OVERLAY	<b>6</b>	Overlay shows some transverse & longitudinal cracks open up to 1/2 inch. Also, (1) full width transverse crack open up to 2 inches +/-. See photo 2.
DECK STR. CONDITION	<b>N</b>	
CURBS	<b>N</b>	
MEDIAN	<b>N</b>	
SIDEWALKS	<b>N</b>	
PARAPET	<b>N</b>	
RAILING	<b>N</b>	
PAINT	<b>N</b>	
FENCE	<b>N</b>	
DRAINS	<b>N</b>	
LIGHTING STANDARD	<b>N</b>	
UTILITIES TYPE/SIZE	<b>N</b>	
CONSTRUCTION JOINTS	<b>N</b>	
EXPANSION JOINTS	<b>N</b>	

59. SUPERSTRUCTURE  OVERALL RATING **N**

60. SUBSTRUCTURE  OVERALL RATING **N**

61. CHANNEL PROTECTION  OVERALL RATING **5**

	RATING	
CHANNEL SCOUR	<b>7</b>	Local scour up to 2.5 feet exposing backside free end of the southwest wingwall, caused from alignment of channel. Also, local scour at outlet end from 15 inch diameter (accmp) in the southeast wingwall.
EMBANKMENT EROSION	<b>5</b>	Embankment erosion along the southwest wingwall. See above item.
DEBRIS	<b>5</b>	Encroachment limits channel flow.
VEGETATION	<b>5</b>	Heavy vegetation growth. See photos 15 & 16.

# Connecticut Department of Transportation Bridge Inspection Report BRI-18

BRIDGE #: **06656**

INSPECTION DATE: **8/24/2006**

**61. CHANNEL PROTECTION** OVERALL RATING **5**

- CHANNEL CHANGE **5** Channel enters culvert at a 90 degree angle and the encroachment directs the flow along the free end of southwest wingwall and limits channel flow.
- FENDER SYSTEM **N**
- SPUR DIKES & JETTIES **N**
- RIP RAP **N**

**62. CULVERTS & RETAINING WALL** OVERALL RATING **4**

- RATING**
- BARREL **N**
- CONCRETE **N**
- STEEL **4** (ACCOMP)  
7 Plates. 6 inch by 1-3/4 by 3/16 inch corrugations.  
Areas of protective coat peeling, isolated areas of staining & small chips in paint.  
Invert shows moderate pitting with moderate to heavy rust.  
First 11 feet +/- at inlet shows perforation holes up to 9 inches long by 2 inches wide along north side.  
Mid point of culvert shows random perforation holes up to 1/2 inch +/- in diameter along south side.  
Last 8 feet at outlet shows isolated perforation holes up to 6 inches long up to 2-3/8 inches wide along north side.  
See photos 5 thru 8.
- TIMBER **N**
- HEADWALL **7** East Headwall shows areas of light scale and hairline cracks at north with some light efflorescence.
- CUTOFF WALL **N** Not Visible.
- DEBRIS **5** Moderate accumulation of silt & brush up to 1.5 feet +/- at inlet end extending for 6 feet +/- into pipe.  
See photos 3, 9 & 10.
- RETAINING WALL STEM **6** Southeast wingwall with a 15 inch diameter (accmp) shows light scale & vegetation growth on top.  
Northeast wingwall shows hairline cracks with light to moderate efflorescence.  
Southwest wingwall shows (1) isolated vertical hairline crack.  
Northwest wingwall covered with heavy vegetation growth.  
See photos 11 thru 14.
- FOOTING **N** Not Visible.

**APPROACH CONDITION** OVERALL RATING **6**

- RATING**
- APPROACH SLAB **N**
- RELIEF JOINTS **N**
- APPROACH GUIDE RAIL **7** (MBR) at west.  
Weak posts at east, some posts slightly tipped north.
- APPROACH PAVEMENT **6** Bituminous concrete shows transverse & longitudinal cracks open up to 1/2 inch +/-.  
See photo 1.
- APPROACH EMBANKMENT **7** Paved runoff at the southeast and some roadway runoff erosion.

**TRAFFIC SAFETY FEATURES:**

- BRIDGE RAILINGS **N**

# Connecticut Department of Transportation Bridge Inspection Report BRI-18

BRIDGE #: **06656**

INSPECTION DATE: **8/24/2006**

APPROACH CONDITION	<input type="text"/>	OVERALL RATING	<b>6</b>
TRANSITIONS	<input type="checkbox"/> N	<input type="text"/>	
APPROACH GUARDRAILS	<input type="checkbox"/> N	<input type="text"/>	
APPR. GUARDRAIL ENDS	<input type="checkbox"/> N	<input type="text"/>	

### LOAD POSTING

SINGLE UNIT (TONS)	<input type="checkbox"/>	<input type="text"/>
HS (TONS)	<input type="checkbox"/>	<input type="text"/>
4 AXLE (TONS)	<input type="checkbox"/>	<input type="text"/>
3S2 (TONS)	<input type="checkbox"/>	<input type="text"/>
ADVANCE WARNING Y/N	<input type="checkbox"/>	<input type="text"/>
LEGIBILITY	<input type="checkbox"/>	<input type="text"/>
VISIBILITY/LOCATION	<input type="checkbox"/>	<input type="text"/>

### MISC.

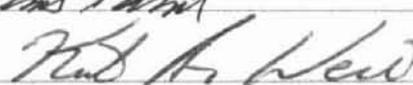
MIN VERT. UNDERCLR.	<input type="text"/> 0' <input type="text"/> 0"	<input type="text"/>
POSTED CLR. UNDER BRIDGE	<input type="text"/> ' <input type="text"/> "	<input type="text"/>
POSTED CLR. ON BRIDGE	<input type="text"/> ' <input type="text"/> "	<input type="text"/>
ADVANCE WARNING (Y/N)	<input type="checkbox"/> No	<input type="text"/>
SPEED LIMIT (IF ANY)	<input type="text"/> MPH	<input type="text"/>
CHARACTER OF TRAFFIC	<input type="text"/>	

### ADDITIONAL NOTES

First Inspection.

### ADDITIONAL COMMENTS:

Culvert done South to North.  
West is inlet end.

Inspectors' Signatures:	1)		Date: <u>8-31-2006</u>
	2)		Date: <u>8-31-06</u>
	3)	<input type="text"/>	Date: <u>--/--/--</u>
	4)	<input type="text"/>	Date: <u>--/--/--</u>
P.E. Signature:	<input type="text"/>	Date: <u>--/--/--</u>	
P.E.#:	<input type="text"/>		
Reviewed by:		CDOT	Date: <u>9-12-06</u>

Bridge No. 06656 Condition rating: 4 Program  
List: \_\_\_\_\_

Steel Culvert Assessment Program - Fall 2003

Date Inspected: 08-24-06 Inspection Interval:

Inspectors: Team 5 \_\_\_\_\_

Location: 1 Mi. South of Torrington & Litchfiels Town Line

Year Built: (EST) 1950 Design dimension: 9 FT BY 6 FT

Amount of cover: 3 FT +/-

Is the crown deformed? Yes \_\_\_\_\_ No X \_\_\_\_\_ if yes, comment below

\_\_\_\_\_  
\_\_\_\_\_

Has the shape changed? Yes \_\_\_\_\_ No x \_\_\_\_\_ if yes, comment below  
(Measurements at both ends and at 25-foot intervals, conditions may warrant more)

\_\_\_\_\_  
\_\_\_\_\_

Is the bottom deteriorated? Yes x \_\_\_\_\_ No \_\_\_\_\_ if yes, comment below  
**Perforation holes up to at inlet, center & outlet up to 9 inches long up to 2 inches wide.**

\_\_\_\_\_  
\_\_\_\_\_

Cracks at springline? Yes \_\_\_\_\_ No x \_\_\_\_\_ if yes, comment below

\_\_\_\_\_  
\_\_\_\_\_

Any abnormalities in the roadway surface? Yes \_\_\_\_\_ No x \_\_\_\_\_ if yes, comment below

\_\_\_\_\_  
\_\_\_\_\_

Additional comments (i.e. corrosion, bolt condition) Areas of protective coat peeling. Invert - moderate pitting with moderate to heavy rust

\_\_\_\_\_

Litchfield Br# 06656 US Route 202 O/ Brook  
8/24/2006

	8 ft from inlet	33 ft - center	8 ft from outlet end	Marked with orange pe
Span	9' 03"	9' 03-1/2 "	9' 2-1/4"	
Rise	6' 00"	6' 1/2"	6' 02"	

DATE PREPARED  
8-24-2006  
DATE CHECKED

PREPARED BY  
TEAM 5  
CHECKED BY

State of Connecticut  
Department of Transportation  
Bureau of Engineering & Highway Operations  
DES-003 REV 1-93  
(302-06-0225)  
COMPUTATION SHEET

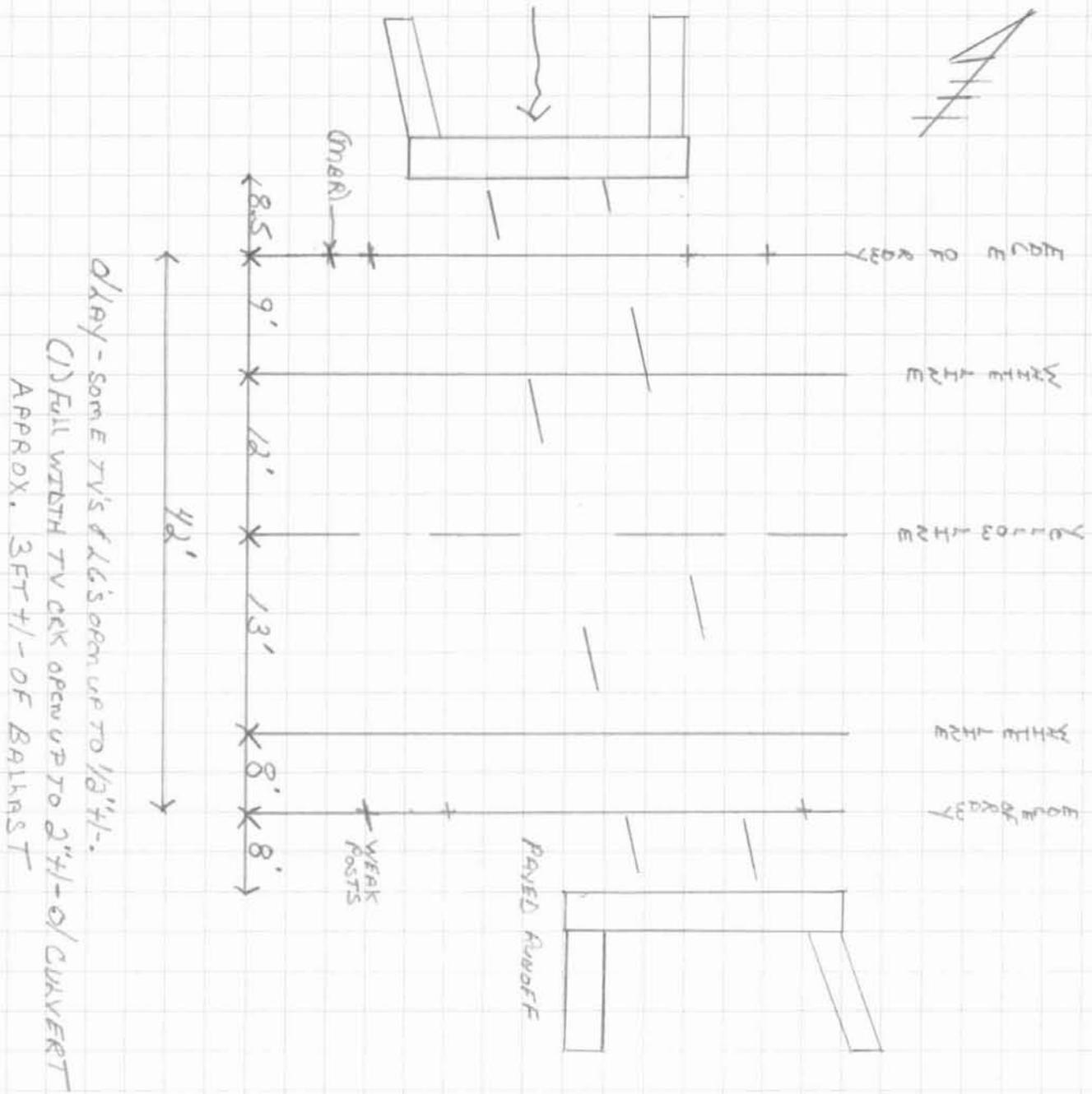
ORGANIZATION UNIT NO. WORK ORDER NO.

1307

SHEET NO. 10 OF 11

SUBJECT:

LITCHFIELD BR # 06656 45 ROUTE 202 01 BROOK



DATE PREPARED  
8-24-2006  
DATE CHECKED

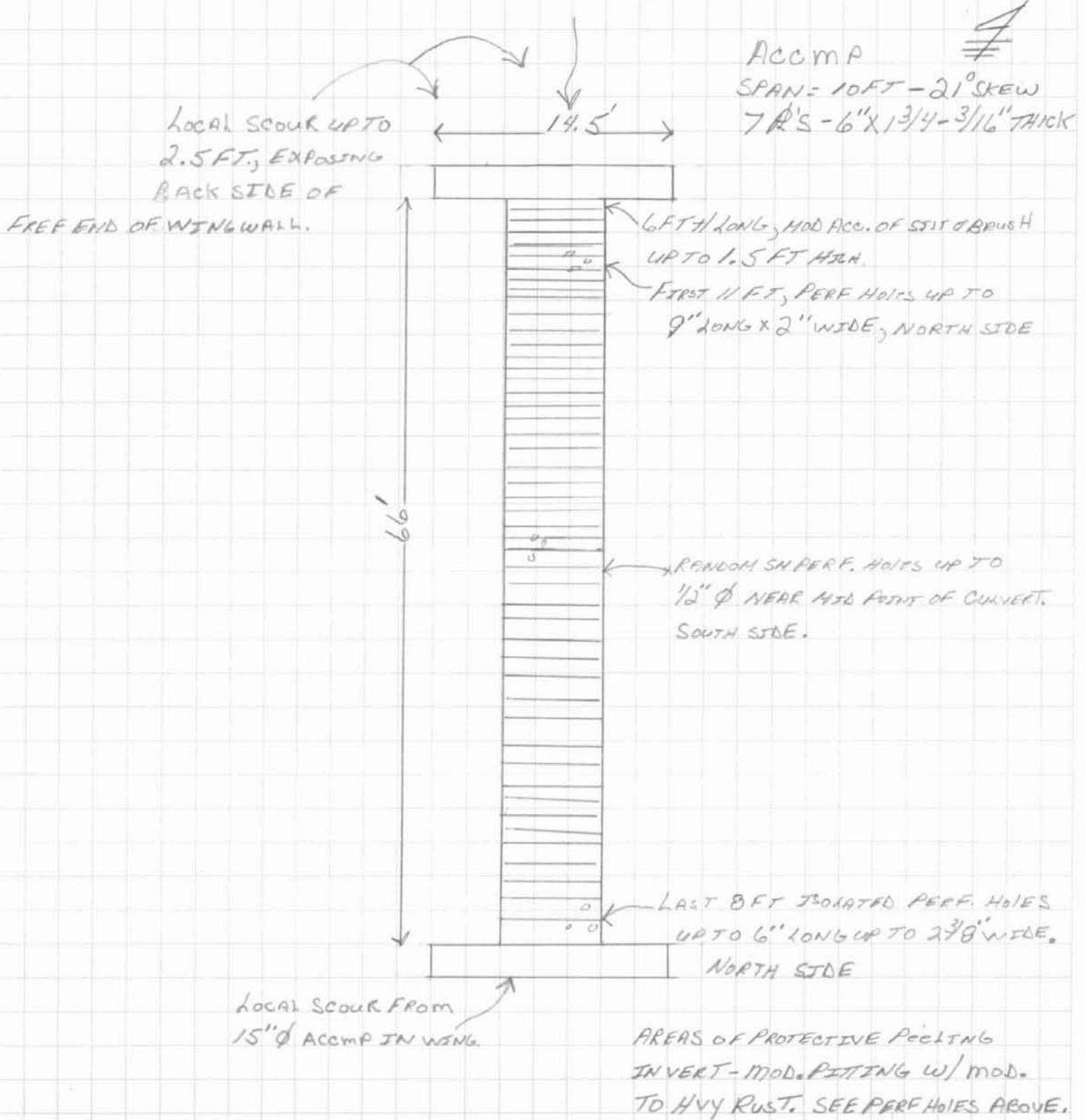
PREPARED BY  
TEAMS  
CHECKED BY

State of Connecticut  
Department of Transportation  
Bureau of Engineering & Highway Operations  
DES-003 REV 1-93  
(302-06-0225)  
COMPUTATION SHEET

ORGANIZATION UNIT NO. 1307  
WORK ORDER NO.  
SHEET NO. 11 OF 11

SUBJECT:

LITCHFIELD BR#06656 4S ROUTE 202 O/BROOK



<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 1**  
**Looking South from the North approach. {Bucket truck parked at structure.**



**Photo # 2**  
**Wearing surface.**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		

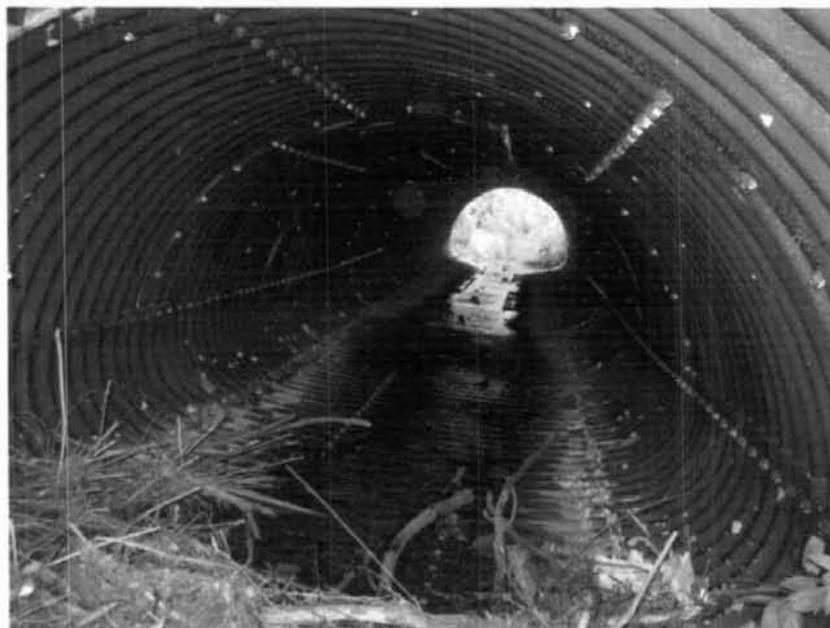


**Photo # 3**  
**Inlet. {West}**

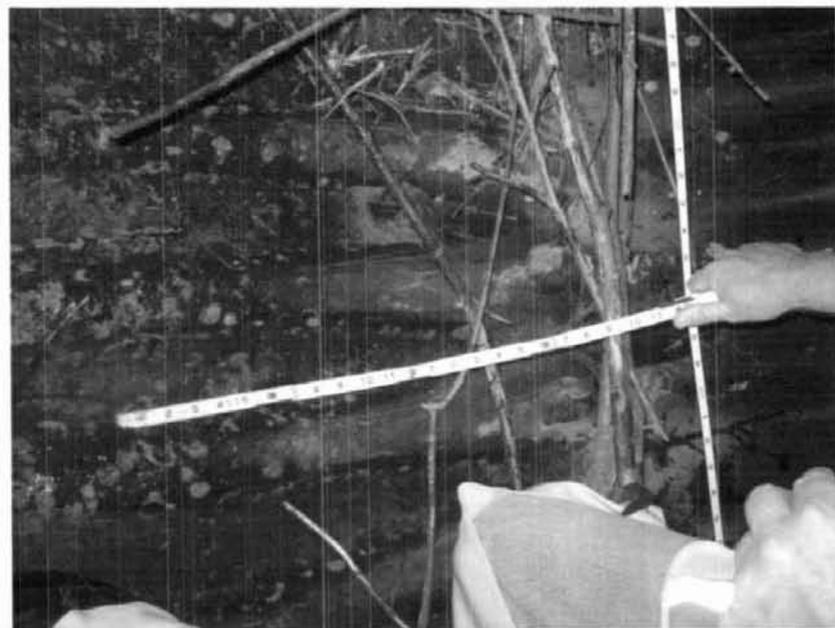


**Photo # 4**  
**Outlet. {East}**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 5**  
**Looking in from the inlet.**

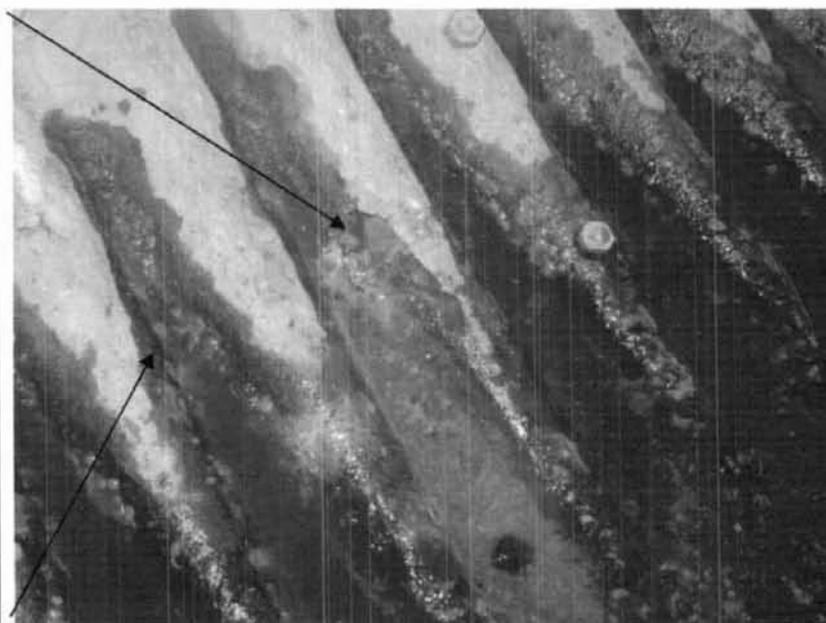


**Photo # 6**  
**Holes in the invert near the inlet.**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 7**  
Looking in from the outlet.



**Photo # 8**  
Holes in the invert near the outlet.

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 9**  
**Debris built-up at the inlet.**



**Photo # 10**  
**Looking at the debris built-up at the inlet from inside the pipe.**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 11**  
**The Southwest wingwall.**



**Photo # 12**  
**The Northwest wingwall.**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 13**  
**The Southeast wingwall.**



**Photo # 14**  
**The Northeast wingwall.**

<b>Bridge No.</b>	06656	<b>Inspected by:</b>	DENNIS TALMONT
<b>Town:</b>	Litchfield	<b>Inspected by:</b>	KIRK WEIR
<b>Feature Carried:</b>	US Route 202	<b>Date Inspected:</b>	August 23, 2006
<b>Feature Crossed:</b>	Brook		



**Photo # 15**  
**Looking upstream from the inlet.**



**Photo # 16**  
**Looking downstream from the outlet.**

# STRUCTURE NO. 06656

ROUTE 202  
over  
BROOK  
LITCHFIELD

Special Inspection  
on  
9/19/2007

Inspected by Team 6  
for Area 5

<b>TEAM:</b>	Forwarded to Senior	Keith DeBishop	Date	9/28/2007
<b>SENIOR:</b>	Reviewed by Senior	RKD	Date	10/2/07
	BMM Required	No		
	Town Bridge	No		
	Rating <= 5 (Items 58,59,60 or 62)	Yes		
	Forwarded to Supervisor	TDL	Date	10/9/07
	Forwarded to "To Be Copied Drawer" <input type="checkbox"/>		Date	
	Date BRI-19 Entered	10/3/07		
<b>SUPERVISOR:</b>	Reviewed by Supervisor	TDL	Date	10/4/07
<b>SUPPORT:</b>	Date Copies Made	11-1-07	BMM No	TUSW

**NBI: No**

Bridge Number **06656**

STATE OF CONNECTICUT  
DEPARTMENT OF TRANSPORTATION  
BRIDGE SAFETY & EVALUATION

Inspected By: L. Murphy & A. McClave

Sufficiency Rating **68**  
Previous Inspection Date **8/24/2006**

STRUCTURE EVALUATION

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

BS&E Received  Data Entry By: RKD  
Copies Made  Data Entry Date: 10/3/07

SHEET 1 OF 4 (INSP. REPORT)

90) Inspection Date	Inspection Team	91) Frequency	Class
<input type="checkbox"/>	<b>706</b>	<b>24</b>	<b>01</b>
Indepth Insp	Deck Survey	Access	Flagman
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CRITICAL FEATURE INSPECTIONS			
Type	Frequency	Team	Date
Fracture:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uwater:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special: Z	<b>1206</b>	<b>506</b>	<b>4/24/2007</b>
			<b>9/19/07</b>

RED FLAG

IDENTIFICATION

Bridge Name **LITCHFIELD** Town Code **43370**

5) Inventory Route:  
 A) Record Type **1** D) Route Number **00202**  
 B) Signing Prefix **3** State Highway E) Directional Suffix **0** NA  
 C) Level of Service **1** Mainline

6) Feature Intersected **BROOK**

7) Facility Carried **ROUTE 202**

9) Location **1 MI S OF TORR. TL**

11) Milepoint **40.59** Miles

16) Latitude **41 deg 46 min 23.98 sec** deg **min** sec  
 17) Longitude **73 deg 10 min 15.45 sec** deg **min** sec

98) Border Bridge:  
 A) State Code  B) Percent Responsibility  %  
 C) Border Town Name

99) Border Bridge Structure No

AGE AND SERVICE

27) Year Built **1950** 106) Year Reconstructed **0000**

42) Type of Service:  
 A) On **1** Highway B) Under **5** WATERWAY

28) Number of Lanes:  
 A) On **2** B) Under **0**

29) Average Daily Traffic **8800** Half ADT?: **No**

109) Percent Truck **6** %

30) Year of ADT **2005**

19) Bypass, Detour Length **0** miles

GEOMETRIC DATA

48) Length of Max Span **10** ft

49) Structure Length **10** ft

50) Curb or Sidewalk Widths:  
 A) Left **0.0** ft B) Right **0.0** ft

51) Brg Rdwy width, curb-curb **42.0** ft

52) Deck Width, Out-Out **0.0** ft

32) Approach Roadway Width **42** ft

33) Bridge Median **0** No Median

Deck Area **660** sqft

34) Skew Angle **21** deg

35) Structure Flared **0**

10) Inv. Rte. Min. Vert Clearance **99** ft **99** in

47) Log Inv. Rte. Total Horiz Clr.: **42.0** ft

47) RLog Inv. Rte. Total Horiz. Clr.: **ft**

53) Min Vert Clearance Over Bridge **99** ft **99** in

54) Min Vert Under Clearance **Ref** **0** ft **0** in

55) Min Lat Under Clearance on Right **Ref** **0.0** ft

56) Min Lat Under Clearance on Left **0.0** ft

STRUCTURE TYPE AND MATERIAL

43) Structure Type, Main:  
 A) Material **3** Steel B) Design Type **19** Culvert (includes fra)

44) Structure Type, Approach:  
 A) Material **0** Other B) Design Type **0** Other

45) Number of Spans, Main Unit **1**

46) Number of Approach Spans **0**

107) Deck Structure Type

108) Wearing Surface/Protective System:  
 A) Type of Wearing Surface **N** Not Applicable  
 B) Type of Membrane **N** Not Applicable  
 C) Type of Deck Protection **N** Not Applicable

BRIDGE COMMENTS



# Connecticut Department of Transportation Non-Routine Bridge Inspection Report BRI-20

BRIDGE #: **06656**

INSPECTION DATE: **9/19/2007**

PREVIOUS INSPECTION DATE **4/24/2007**

INSPECTION TYPE: <input type="text" value="Special"/>	DESCRIPTION: <input type="text" value="CHECK CONDITION AND SHAPE DIMENSIONS OF PIPE ARCH."/>	SNOOPER REQUIRED: <input type="text" value="No"/>
INSPECTION PERFORMED BY: <input type="text" value="6"/>		SNOOPER USED: <input type="text" value="No"/>
FEATURE CARRIED: <input type="text" value="ROUTE 202"/>		
FEATURE INTERSECTED: <input type="text" value="BROOK"/>		
TOWN: <input type="text" value="LITCHFIELD"/>	YEAR BUILT: <input type="text" value="1950"/>	
LOCATION: <input type="text" value="1 MI S OF TORR. TL"/>	YEAR REBUILT: <input type="text" value="0"/>	
MAIN MATERIAL: <input type="text" value="Steel"/>		
MAIN DESIGN: <input type="text" value="Culvert (includes frame)"/>		

**OTHER INSPECTIONS**

SPECIAL: Type <input type="checkbox"/>	Freq. <input type="checkbox"/>	Assigned To: <input type="text" value="0"/>
FRACTURE: <input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="0"/>
UNDERWATER: <input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="0"/>

**INSPECTION VISITS:**

Inspection Date: <input type="text" value="9/19/2007"/>	Start Time: <input type="text" value="9:30 AM"/>
Temperature: <input type="text" value="60"/> ° F	End Time: <input type="text" value="10:00 AM"/>

**INSPECTORS:**

Inspector: <input type="text" value="T. Murphy"/>	Task: <input type="text" value="SPECIAL INSPECTION"/>
Inspector: <input type="text" value="D. McClave"/>	Task: <input type="text" value=""/>

**FEATURE INSPECTED:**

A.C.C.M.P.P.A. WITH DETERIORATION AT INVERT AND HOLES RUSTED THROUGH CORRUGATIONS.

**INSPECTION RESULTS:**

THE INVERT PLATES HAVE 1 FOOT WIDE BANDS OF HEAVY LAMINAR RUST WITH SECTION LOSS AT WATER LINE ALONG BOTH SIDES. THE UPPER 2/3 OF THE PIPE HAS ASPHALT COATING IN PLACE. THE FIRST 11 FEET AT INLET SHOWS HOLES COMPLETELY THROUGH BOTTOM CORRUGATIONS 18 INCH LONG BY 2 INCHES WIDE ALONG NORTH SIDE. THERE IS A 6 FOOT SECTION OF INVERT THAT HAS CORRUGATIONS KINKED AND HEAVED UP SLIGHTLY. THE INLET BOTTOM LIP HAS BEEN REPAIRED WITH CONCRETE. (SEE PHOTO) SMALL HOLES ARE WIDE SPREAD THROUGHOUT INVERT. RISE AND SPAN MEASUREMENTS WERE TAKEN. PAVEMENT HAS A FULL WIDTH TRANSVERSE CRACK OPEN 3/4 INCH. THERE ARE ALSO LONGITUDINAL AND RANDOM CRACKS.

**ACTION TO BE TAKEN:**

THIS CULVERT WILL CONTINUE TO BE CHECKED AT 6 MONTH INTERVALS.

Inspectors' Signatures:

1) <u>Thomas A. Murphy</u>	Date: <u>9/19/07</u>
2) <u>Duncan McClave</u>	Date: <u>9/19/07</u>
3) _____	Date: <u>__/__/__</u>
4) _____	Date: <u>__/__/__</u>

P.E. Signature: \_\_\_\_\_ Date: \_\_/\_\_/\_\_  
P.E.#: \_\_\_\_\_

Reviewed by: PK De Bevoise CDOT Date: 10/2/07

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9/19/07

LITCHFIELD, RT. 202 OVER BROOK, BRIDGE # 6656

RISE & SPAN DIMENSIONS

DATE		8' IN	33' IN	8'--OUT
8/24/2006	SPAN	9'-03"	9'-03 1/2"	9'-02 1/4"
	RISE	6'-00"	6'-0 1/2"	6'-02"
4/24/2007	SPAN	9'-03 1/2"	9'-03 1/4"	9'-02 1/2"
	RISE	6'-00"	6'-01"	6'-02 1/2"
9/19/2007	SPAN	9'-03"	9'-03 1/2"	9'-02 1/2"
	RISE	6'-00"	6'-0 1/2"	6'-02"

Bridge 06656 - Repair made to the invert at the inlet end.

