

UNDERWATER INSPECTION REPORT

TOWN(S) ABBOTBR. NAME PAGE - CARR193 5 7 2 5

BRIDGE NO.

TEAM LEADER CARL EDWARDS493 0 5 2 2 9 7

DATE

DIVERS C. EDWARDS, J. Foster (P. Duval Tender)460 4 0 0 0

EQUIP/ADD. INSP

TIME: ENTRY 3:05 pm461 6SUBST. COND. FOOT. EXPOSEDEXIT 3:55 pm697 5CHAN. COND. DEEP SCOUR HOLEWEATHER Cloudy, cool698

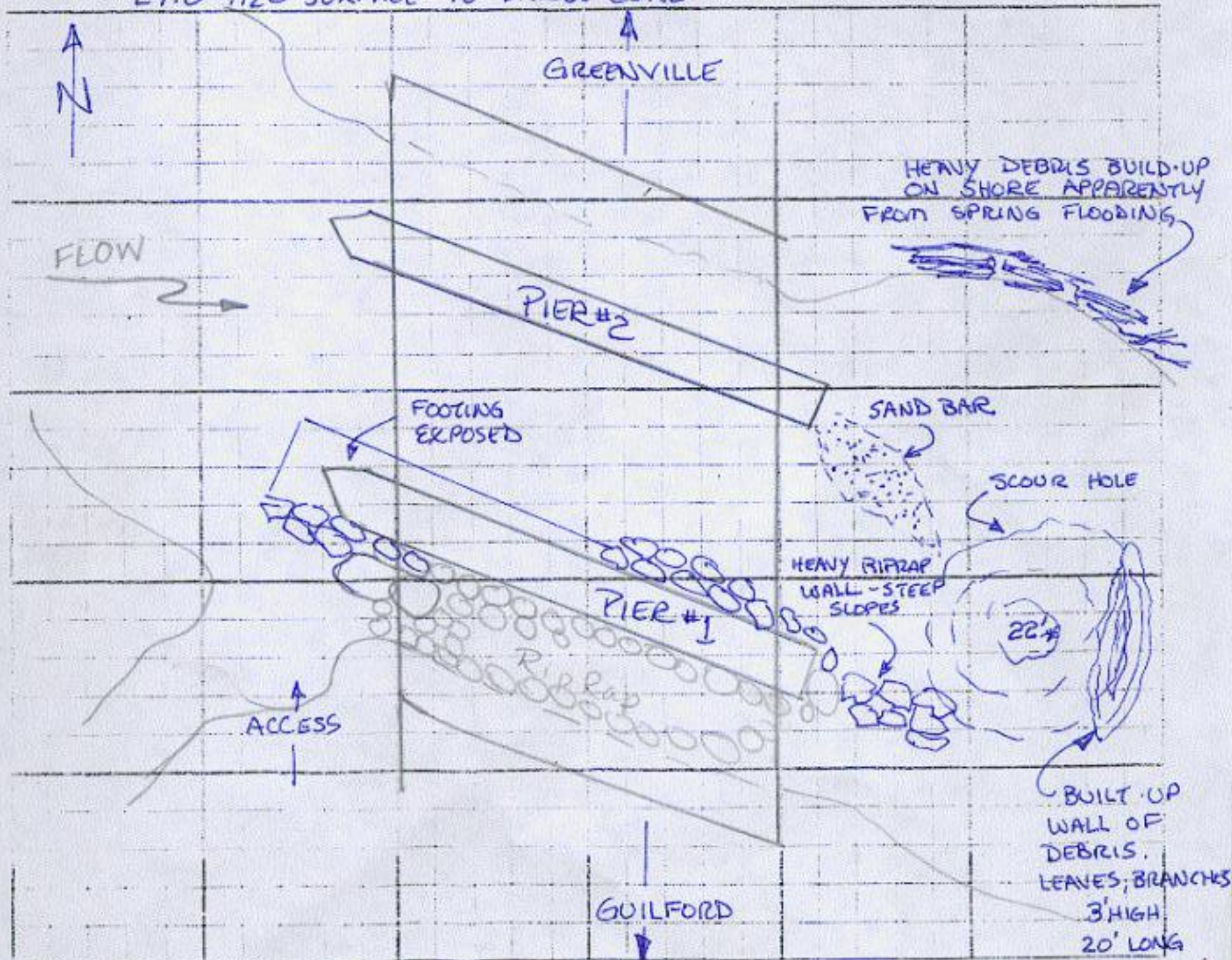
SHAFT TYPE

WATER: TEMP: 48°685

FOUNDATION

MAX. DEPTH 22' FT

RECOM. REPAIRS

VISIBILITY 10' FT686 8 Repair scourCURRENT moderateINSP. SIGN Carl EdwardsSTREAMBED DESC. Sandy gravel, head sized stones - boulders
COMMENTS/PROBLEMS/HAZARDS Heavy riprap @ piers.INSPECTION REPORT 3 span continuous steel bridge on conc. spread footings. Large scour basin (22' DEEP) remains downstream in center of channel. No change in footing exposure on Pier #1 compared to previous reports. Large sand bar off downstream end of Pier #2NO MAJOR CHANGES OTHER THAN DEBRIS PILE FOUND @ HEAD OF SCOUR BASIN. 24.0 H2O SURFACE TO BRIDGE CURB.

1/29/90

LARRY ITEM 192 - Y12

H2H

TIN514

UNDERWATER INSPECTION REPORT

TOWN(S) ABBOTBR. NAME Page - Carr

193	5	7	2	5	BRIDGE NO.
493	1	0	2	9	DATE
460	8	0	0	0	EQUIP/ADD. INSP
461	6				SUBST. COND.
697	5				CHAN. COND.
698					SHAFT TYPE
					FOUNDATION
					RECOM. REPAIRS
685					
686					

TEAM LEADER Jim Foster
 DIVERS Foster, Edwards, Barden
 TIME: ENTRY 11:05
 EXIT 12:20
 WEATHER cool cloudy 45°
 WATER: TEMP: 39°
 MAX. DEPTH 22 FT
 VISIBILITY 5 FT
 CURRENT light to moderate
 INSP. SIGN James A. Foster

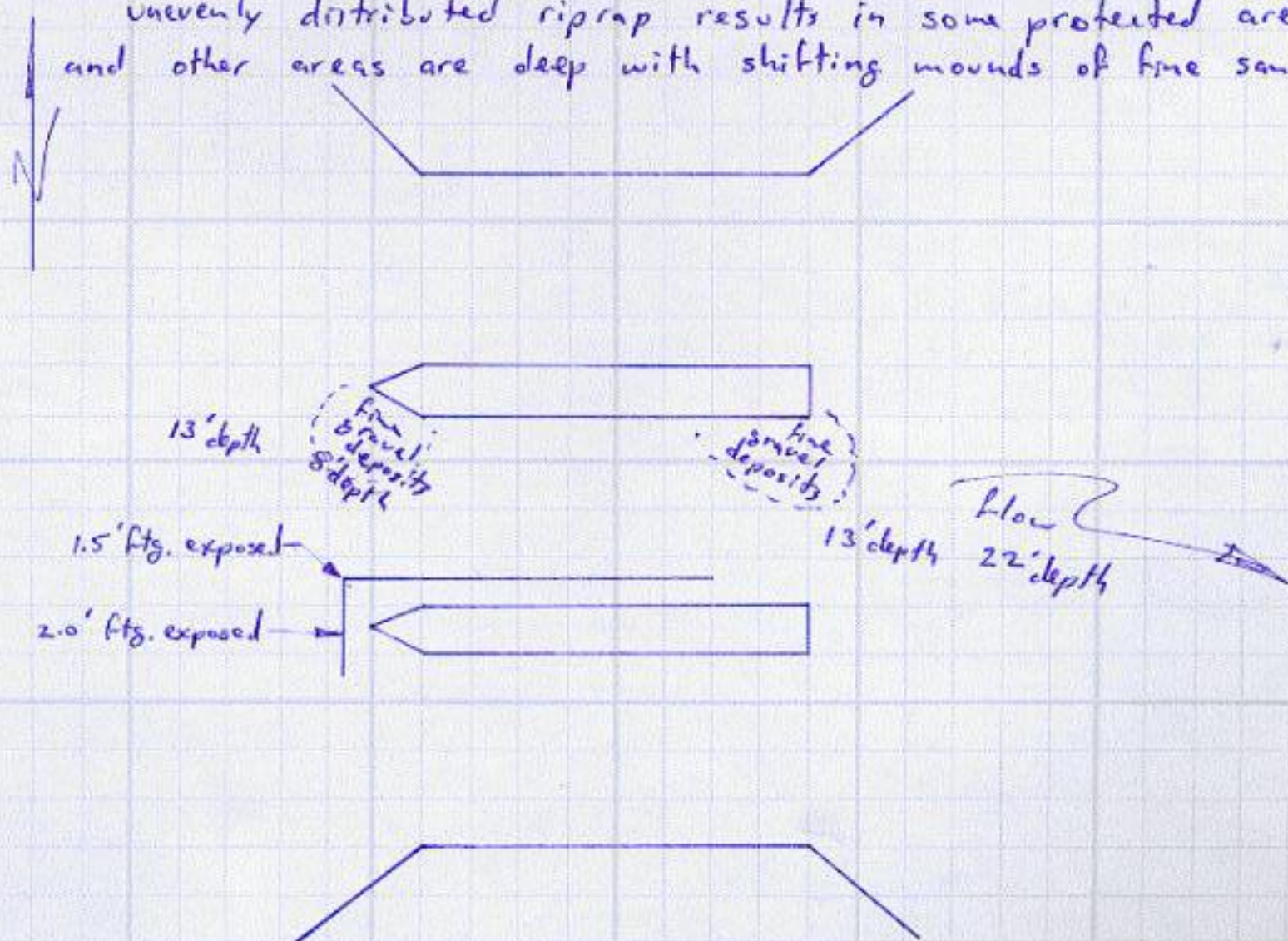
STREAMBED DESC. sandy gravel w/ head size boulders, Riprapped heavily at piers
 COMMENTS/PROBLEMS/HAZARDS Bridge has been undermined twice
in the past (re. pier only on southerly end)

INSPECTION REPORT

3-span contin. steel bms. on mass conc. spread footings.
Heavy riprap has been added since last inspection and seems
to be staying in place.

No repairs needed at this time
scour evaluation is recommended

unevenly distributed riprap results in some protected areas
and other areas are deep with shifting mounds of fine sand gravel.



Note: THE SOUTHERLY FOOTING WAS NOT NOTED AS
 BEING EXPOSED IN THE 1990 REPORT. INSPECTION
 CYCLE TO BE CHANGED FROM 2 YRS TO 1 YR. CYCLE.
 11/5/92 Gary I. Ford

1/29/90

824

TIN514

UNDERWATER INSPECTION REPORT

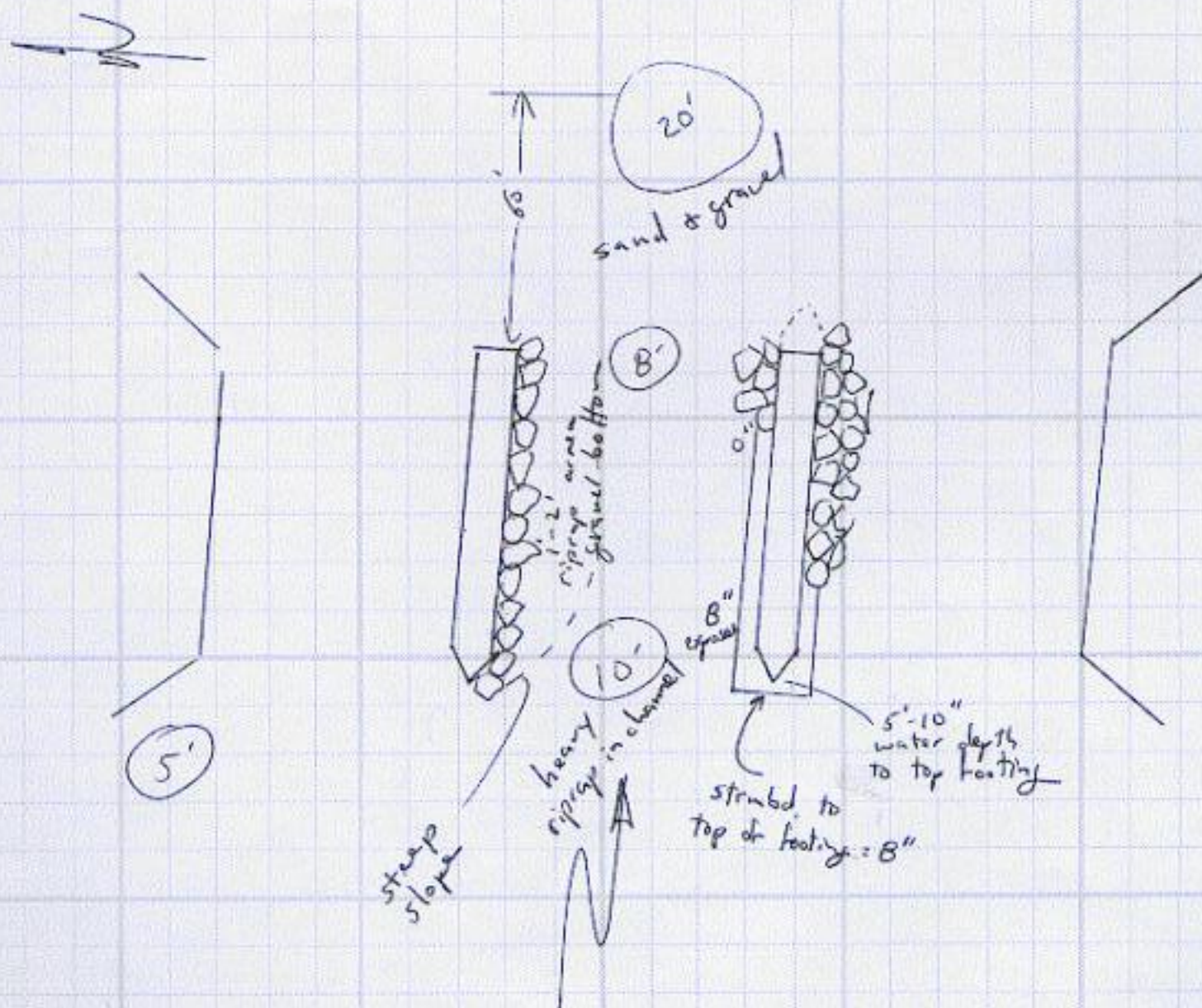
TOWN(S) ABBOTBR. NAME PAGE - CARR

193	5	7	2	5	BRIDGE NO.
493	0	7	2	0	DATE
460	8	0	0	0	EQUIP/ADD. INSP
461	6				SUBST. COND.
697	5				CHAN. COND.
698					SHAFT TYPE
					FOUNDATION
					RECOM. REPAIRS
685					
686					

TEAM LEADER J. FOSTER
 DIVERS EDWARDS & BENNER
 TIME: ENTRY 9:45
 EXIT 11:00
 WEATHER overcast, showers
 WATER: TEMP: 65°
 MAX. DEPTH 2.0 FT
 VISIBILITY 12 FT
 CURRENT None
 INSP. SIGN James A. Foster

STREAMBED DESC. Sandy Gravel & Head Size Boulders, Riprapped Heavily @ Piers
 COMMENTS/PROBLEMS/HAZARDS Bridge has been undermined twice in the past (Pier on southerly end)

INSPECTION REPORT 3-span continuous steel beam on mass conc. on spread footings. There is a large scour basin immediately downstream from piers. Streambed has a gradual taper from the scour hole to a downstream island. A gradual slope is also found upstream. There The scour at the southerly pier is no deeper than the previous year but it may extend further down the fa. channel side of the pier than the previous year. No repairs are needed at this time. A scour evaluation is recommended.



OFFICE/FIELD REVIEW REPORT			
Bridge Name:	Page-Carr	Town:	Abbot
Route No./Name	6/15	Stream:	Piscataquis R
		Bridge #:	5725
		Review Date:	8/15/95

Bridge #: 5725

Review Date: 8/15/95

Bridge plans supplemented by field sketch.



OFFICE/FIELD REVIEW REPORT

Bridge Name: <i>Page-Carr</i>	Town: <i>Abbot</i>	Bridge #: <i>5725</i>
Route No./Name: <i>6/15</i>	Stream: <i>Piscataquis R.</i>	Review Date: <i>8/15/95</i>

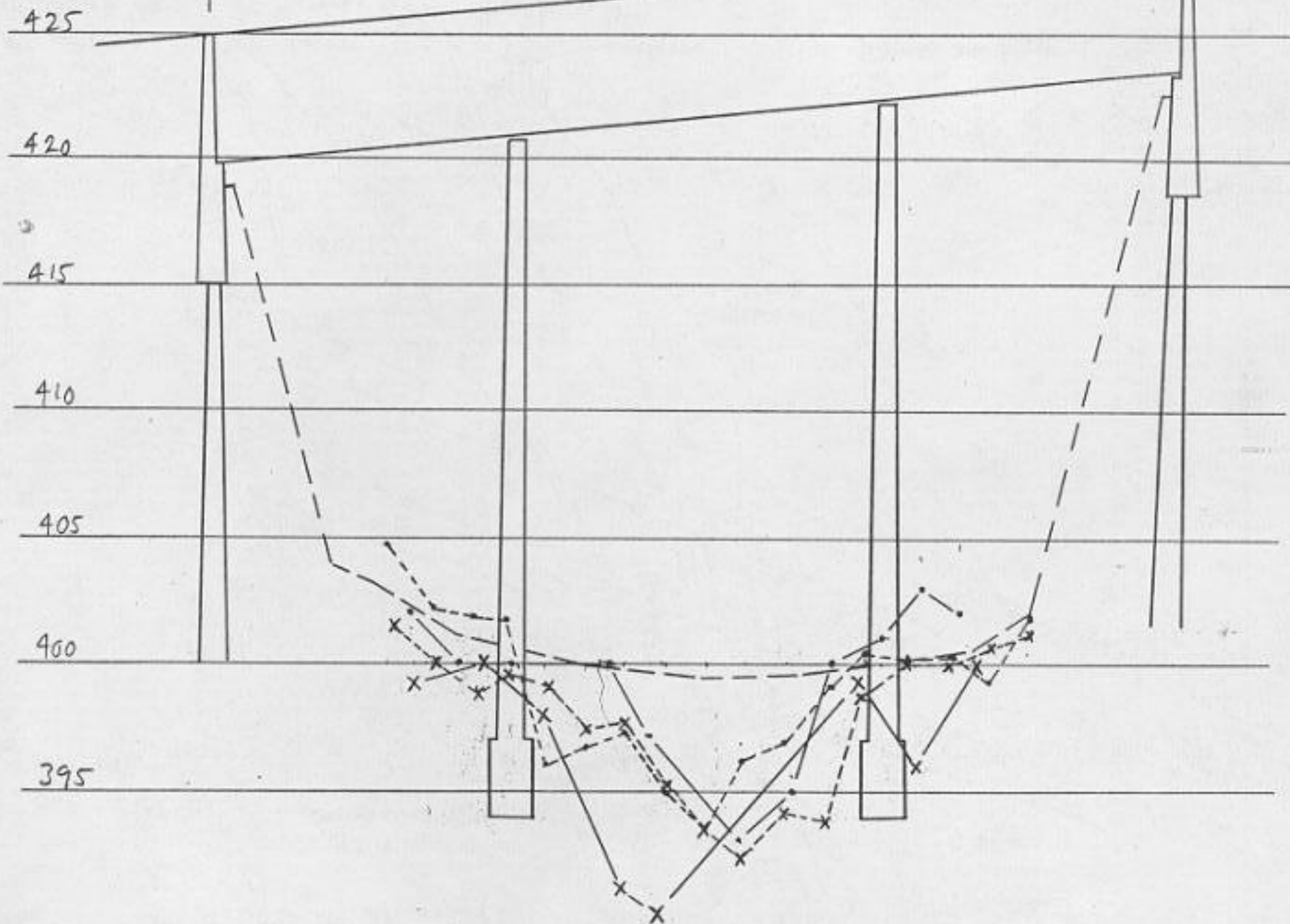
Sketch (Profile)

Bridge plans supplemented by field sketch.

LT Abut

Abutment riprap has a lot of round worn stone, not very angular. Left abutment erosion appears due to flood flows washing out bottom of slope.

RT Abut



Scale: 1" = 40' Horiz.

— — — — —	1957	℄ of bridge
• — • — • —	1987	u/s face of bridge
x — x — x —	1987	d/s face of bridge
• - - - • - - -	1995	u/s face of bridge
x - - - x - - -	1995	d/s face of bridge

UNDERWATER INSPECTION REPORT

3

TOWN(S)

ABBOT

BR. NAME

PAGE CARR

193 5725

BRIDGE NO.

493 100295

DATE

460 4000

EQUIP/ADD. INSP (ROPE HELPFUL)

461 6

SUBST. COND.

697 5

CHAN. COND.

698

SHAFT TYPE

FOUNDATION

RECOM. REPAIRS

685

686

TEAM LEADER Carl Edwards

DIVERS Lew Benner, Jeff Lary

TIME: ENTRY 11:20

EXIT 12:00

WEATHER Sunny, warm, clear

WATER: TEMP: 50°

MAX. DEPTH 20' FT

VISIBILITY 400' FT

CURRENT none

INSP. SIGN Carl Edwards

STREAMBED DESC. Coarse sandy bottom w/ head size stones to boulders.

COMMENTS/PROBLEMS/HAZARDS

very low water - super clear - evidence of beaver activity.
 INSPECTION REPORT 3 span Continuous Steel Bridge on mass concrete with spread footings. Large scour basin directly downstream - Appears to be unchanged in size except some question about depth possibly increasing (water level down but still getting 20' max. depth by guage. Pier 1 (southerly pier) appears to be unchanged in scour area. - REFER to 1994 detailed inspection report for scour measurements.

25.5' - BRIDGE CURB TO WATER SURFACE -

(LOCATION OF MEAS. TAKEN UPSTREAM SIDE JUST ON CHANNEL SIDE OF PIER 1.)

Z →

ACCESS →
(ROPE HELPFUL)

EXPOSED FOOTING APPEARS TO BE UNCHANGED FROM 1994.

← ABBOT →

RTE. 15

RIP RAP SLOPE
HAS FALLEN -
CEMENTED UPPER

PORTION HAS BROKEN
AWAY.

SAND
BAR

* 20' MAX.
BASIN
(depth guage)

* = DEPTHS

Underwater Inspection Report

9/24
nmp

Bridge Number

5725

Division

Tidal
N/A

Tide Information

Town

ABBOT

Bridge Name

PAGE - CARR

Location

RTE. 15 -

Feature On

RTE. 15

Feature Under

Insp. Cycle

Y 24

Equip./Add. Insp.

4000

Problems and/or Hazards

STEEP EMBANKMENT -
LARGE SCOUR HOLE DOWNSTREAM

Dive Entry Loc.

Sly abutment

Photos (taken or recommended)

NONE

07/21/98

U.W. Insp. Date

Edwards

Team Leader

Edwards

Diver 1

Wentworth

Diver 2

GIGUERE

Safety Diver

Tender 1

Tender 2

6

Substr. / Culvert Cond. Footing
Exposed

5

Channel Cond. Deep scour
hole

4, 0, 4, 6, 8

Rec. Repair 1

1 1 1 1

Rec. Repair 2

Signature

Carl Edwards

2:30

Time: Entry

3:00

Time: Exit

68°

Water Temp. (F)

6'

Visibility (feet)

20'

Max. Depth (feet)

SLOW

Current

SUNNY

Weather

Structure Type

Foundation

Shaft Type

Streambed Description

Sandy, gravel, head-sized
stones

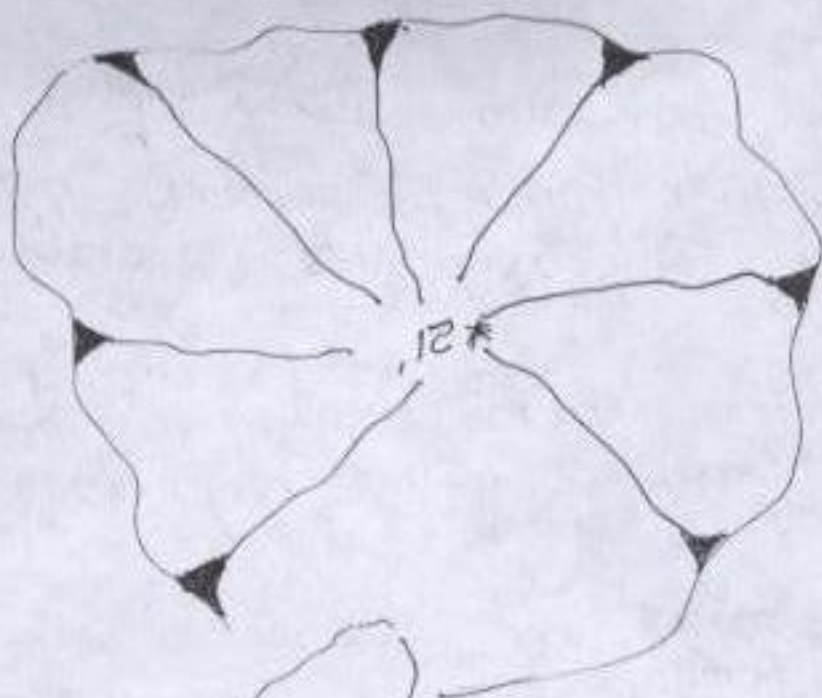
Channel Comments

Defined channel @ center - Heavy rip rap around
pier ends. More rip-rap recently dumped in. Scour
hole downstream.

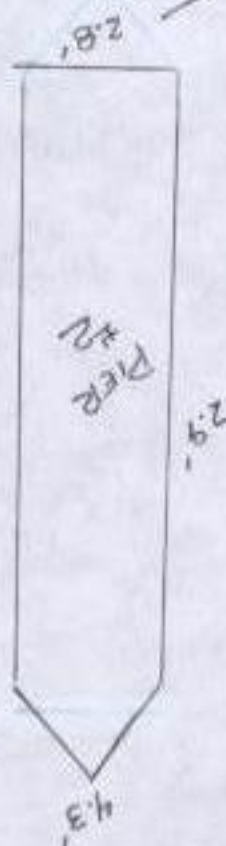
Structure Comments

2 conc. piers on spread footings. Large scour basin
downstream still remains. Partial footing still remains
exposed on Pier #1. Large sand bar still remains off
Pier #2.

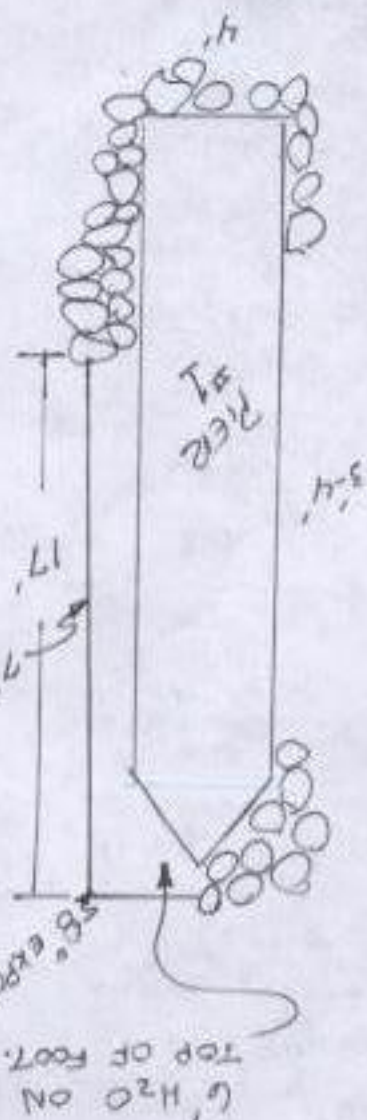
*# = DEPTH BY GAUGE
= DEPTH BY 6' RULE



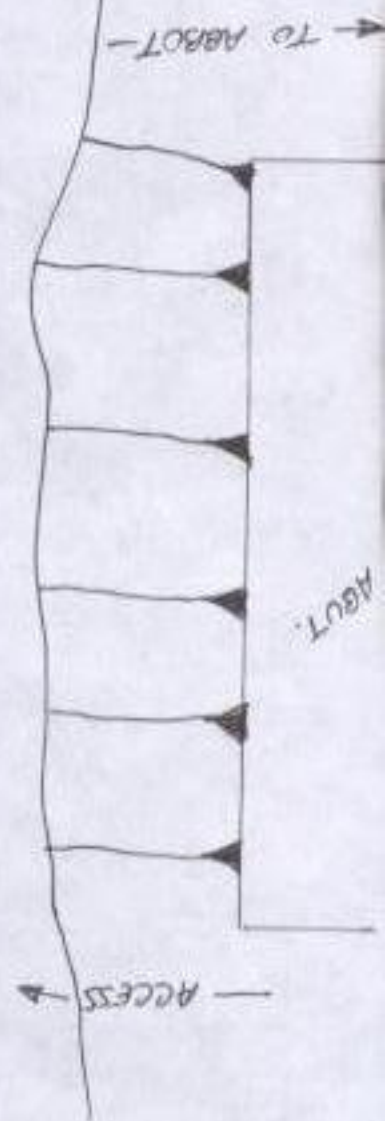
SAND DEPOSIT



*11'



FLAME



TO GREENVILLE

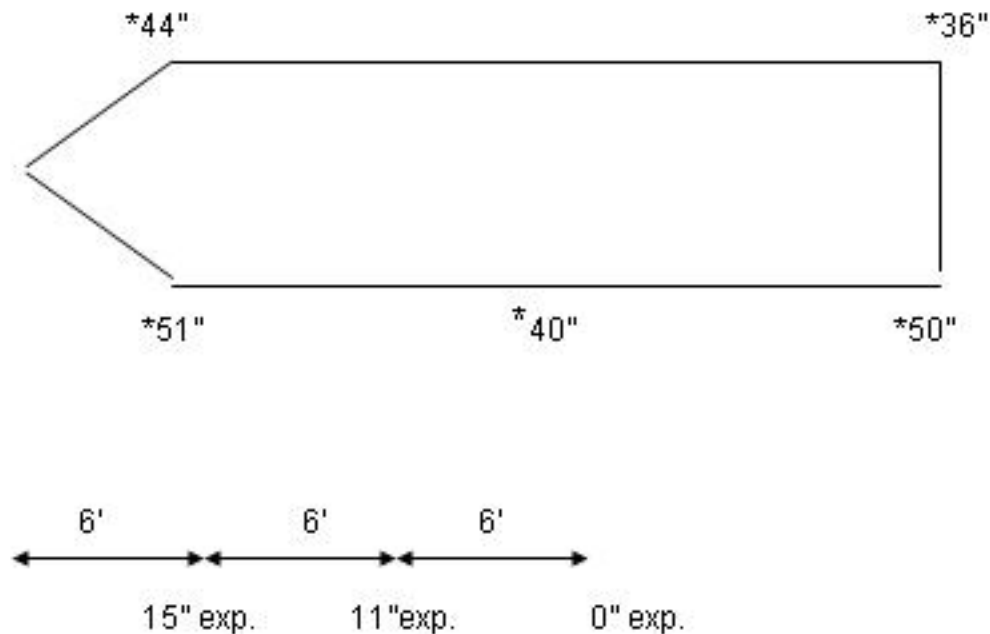


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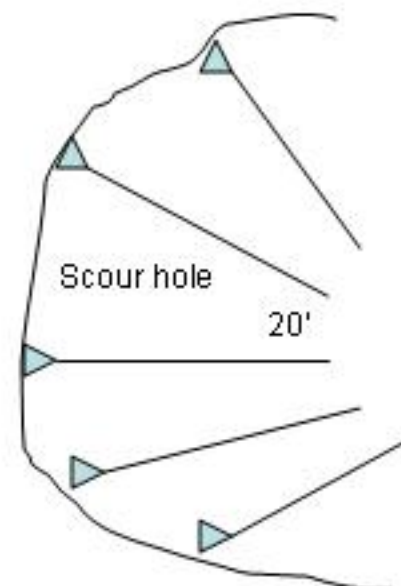
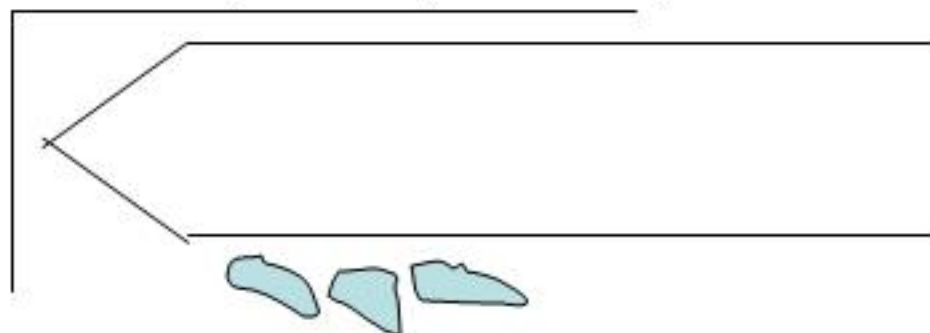
* = water depth



FLOW →



18" exposed



UNDERWATER DIVE INSPECTION FIELD REPORT

Revised January 8, 2003

BridgeNo: 5725 DiveID: 803 Division: Bangor
Town1: Abbot Yr. Built: 1957

SPNMATERL SPNTYPE

Steel Girder

Town2: No. Spans: 3
Bridge Name: PAGE-CARR (UPPER ABBOT) Str. Length: 235
Location: 1.2 MI.N. #16
Feature On Struc: ROUTE 6 7 15

Found. 1: Piles Shaft Type1: Stub concrete
Found. 2: Gravel base Shaft Type 2: Full ht reinf co
Found. 3: Not applicable Shaft Type 3: Not applicable

Custodian: MDOT

Cocustodn: Not applicable

Topside Equip/Add:

Feature Under Struc: PISCATAQUIS RIVER

Tidal: (Y/N) No Tide Information:

Dive Entry Loc: Southerly abutment

Photos:

Comments/Haz.: Steep embankment; large scour hole downstream.

STREAMBED/Comp Material: Sandy gravel, head-sized stones-boulders.

CHANNEL DESCRIPTION / CONDITION:

Defined channel at center. Heavy rip rap around pier ends. More rip rap recently dumped in. Scour hole downstream. 2003: 1988 grout bagging of undermining is not visible. Deep V-channel and hole 50' +/- downstream has filled in about 4'. Right aboutment exposed up to 18" at nose.

STRUCTURE DESCRIPTION / CONDITION:

2 concrete piers on spread footings. Large scour basin downstream still remains. Partial footing still remains exposed on Pier 1. Large sand bar still remains off Pier 2. 2003: No change since right pier settled at nose from undermining in 1987.

2005 - No major changes since last report.
↳ Special Inspection after April Flooding
jm

INSPECTION TEAM:

Edwards	D	Edwards	TL		
Falla	SD	Barden	D		
Hannum	D	Hannum	D		
Gorneau	SD	Gorneau	SD		
Fontaine	T				

TL =Team Leader, D=Diver, SD =Safety Diver, T=Tender

DIVE CONDITIONS:

2:50 Time: Entry: 11:30
3:15 Time: Exit: 12:00
50 Water Temp: 70
10 Visibility:(ft.) 12
19 Max Depth:(ft.) 16
Slight Current: Slight
cloudy Weather: fair

INSPECTION: 05172005 Date: 07102003

Signature

Carl Edwards

5

Channel Condition.:

5

6

Substruc/Culvert. Cond:

6

Inspec. Cycle: Y24

Equip/Add Insp2: 0000

Rec. Rep.1

Rec. Rep.2

UNDERWATER DIVE INSPECTION FIELD REPORT

Revised January 8, 2003

4586

BridgeNo: 5725 DiveID: 803 Division: Bangor
Town1: Abbot Yr. Built: 1957

SPNMATERL SPNTYPE

Steel Girder

Town2: No. Spans: 3
Bridge Name: PAGE-CARR (UPPER ABBOT) Str. Length: 235
Location: 1.2 MI. N. #16
Feature On Struc: ROUTE 6 7 15

Found. 1: Piles Shaft Type 1: Stub concrete
Found. 2: Gravel base Shaft Type 2: Full ht reinf co
Found. 3: Not applicable Shaft Type 3: Not applicable

Custodian: MDOT

Cocustodn: Not applicable

Feature Under Struc: PISCATAQUIS RIVER

Topside Equip/Add:

Tidal: (Y/N) No

Tide Information:

Dive Entry Loc: Southerly abutment

Photos:

Comments/Haz.: Steep embankment; large scour hole downstream.

STREAMBED/Comp

Sandy gravel, head-sized stones-boulders.

Material:

CHANNEL DESCRIPTION / CONDITION:

Defined channel at center. Heavy rip rap around pier ends. More rip rap recently dumped in. Scour hole downstream. 2003: 1988 grout bagging of undermining is not visible. Deep V-channel and hole 50' +/- downstream has filled in about 4'. Right abutment exposed up to 18" at nose.

STRUCTURE DESCRIPTION / CONDITION:

2 concrete piers on spread footings. Large scour basin downstream still remains. Partial footing still remains exposed on Pier 1. Large sand bar still remains off Pier 2. 2003: No change since right pier settled at nose from undermining in 1987.

2005 - No major changes since last report.

SEE CADD SKETCH.

INSPECTION TEAM:

Edwards	TL		
Fulla	SD		
Hannum	D		
Gorneau	SD		
Forstner	T		

TL = Team Leader, D = Diver, SD = Safety Diver, T = Tender

DIVE CONDITIONS:

Time: Entry: 11:30
Time: Exit: 12:00
Water Temp: 70
Visibility: (ft.) 12
Max Depth: (ft.) 16
Current: Slight
Weather: Cloudy fair

INSPECTION: 051721005 Date: 07102003

Signature: Carl Edwards

Channel Condition: 5
Substruc/Culvert. Cond: 6

Inspec. Cycle: Y24
Equip/Add Insp2: 0000
Rec. Rep.1
Rec. Rep.2

UNDERWATER DIVE INSPECTION FIELD REPORT

Revised May 5, 2005

BridgeNo	5725	DiveID:	4586	Feature On Struc:	ROUTE 6715
Town1:	Abbot	Feature Under Struc:	PISCATAQUIS RIVER		
Town2:		Region:	4		
Bridge Name:	PAGE-CARR (UPPER ABBOT)				
Location:	1.2 MI.N. #16				

Tidal: (Y/N)	No	Tide information:	
Dive Entry Loc:	Southerly abutment - U.S.		
Comments/ Haz.:	Steep embankment; large scour hole downstream. Special scour critical dive from '05 spring floods.		
STREAMBED/Comp Material:	Sandy gravel, head-sized stones-boulders.		

CHANNEL DESCRIPTION / CONDITION:

Defined channel at center. Heavy rip rap around pier ends. More rip rap recently dumped in. Scour hole downstream.

STRUCTURE DESCRIPTION / CONDITION:

2 concrete piers on spread footings. Large scour basin downstream still remains. Partial footing still remains exposed on Pier 1. Large sand bar still remains off Pier 2.

2008: NO CHANGES FROM LAST REPORT

RT. PIER STILL HAS PARTIAL U.S. FOOTING EXPOSED (UP TO 1.2' MAX.)

HEAVY RIPRAP AROUND REMAINDER OF PIER.

NO FOOTING EXPOSED ON LFT. PIER.

17' DEEP SCOUR HOLE REMAINS IMMEDIATELY

D.S. - HAS NOT SHIFTED IN ANY DIRECTION.

INSPECTION TEAM:

EDWARDS	TL	Edwards	
SMALL	D	Falla	SD
McLAUGHLIN	D	Hannum	D
CHASE	D	Arsenault	T
		Fontaine	T

TL = Team Leader, D = Diver, SD = Safety Diver, T = Tender

DIVE CONDITIONS:

3:55	Time: Entry:	2:50
4:30	Time: Exit:	3:15
65	Water Temp:	50
5	Visibility: (ft.)	10
17	Max Depth: (ft.)	19
SLIGHT	Current:	Slight
CLOUDY	Weather:	overcast

INSPECTION DATE 07222008

Signature

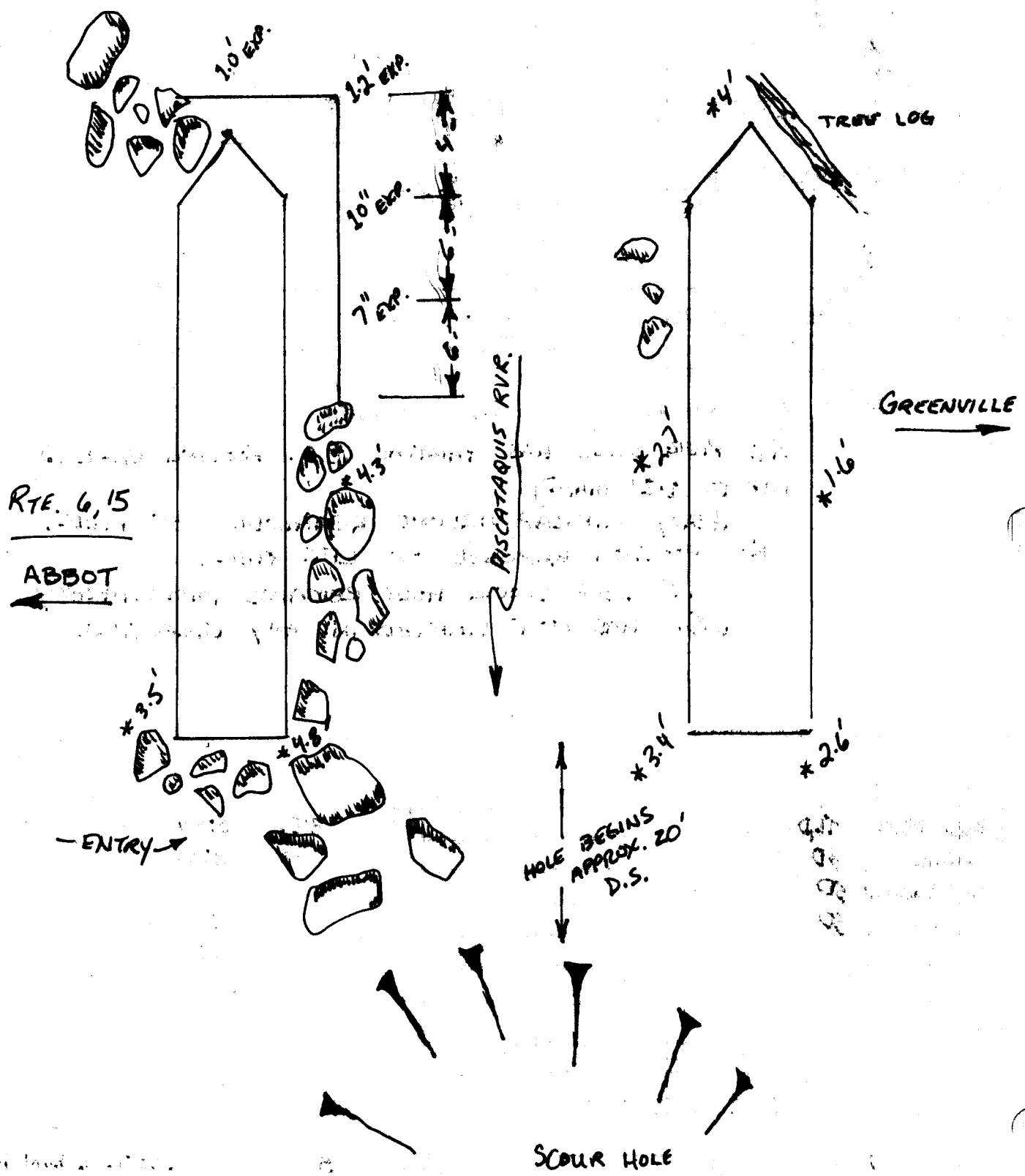
Carl Edwards

Channel Condition: 5

Substruc/Culvert Condition: 6

SCOUR BASIN D.S.

EXPOSED FOOTINGS



UNDERWATER DIVE INSPECTION FIELD REPORT

Revised May 5, 2005

BridgeNo: 5725 DiveID: 4586 Feature On Struc: ROUTE 6715
 Town1: Abbot Feature Under Struc: PISCATAQUIS RIVER
 Town2: Region: 4
 Bridge Name: PAGE-CARR (UPPER ABBOT)
 Location: 1.2 MI.N. #16

Tidal: (Y/N) No Tide Information: Photos
 Dive Entry Loc: Southerly abutment - U.S.
 Comments/ ✓ Steep embankment; large scour hole downstream. Special scour critical dive from '05 spring floods.
 Haz.:
 STREAMBED/Comp ✓ Sandy gravel, head-sized stones-boulders.
 Material:

CHANNEL DESCRIPTION / CONDITION:

Defined channel at center. Heavy rip rap around pier ends. More rip rap recently dumped in. Scour hole downstream.
EMBANKMENT FAILURE - SLID INTO RIVER D.S. OF BRIDGE.

STRUCTURE DESCRIPTION / CONDITION:

2 concrete piers on spread footings. Large scour basin downstream still remains. Partial footing still remains exposed on Pier 1. Large sand bar still remains off Pier 2.

2010: EXPOSED FOOTING MEASUREMENTS
 MOSTLY UNCHANGED.

DOWNSTREAM SCOUR HOLE MAY BE
 MIGRATING U.S. SLIGHTLY. ABUTMENT
 SLOPE SLID INTO RIVER OUT TO
 SCOUR HOLE EDGE.

INSPECTION TEAM:

EDWARDS	TL
WATHEN	D
HANNUM	SD
MERRITHW	D

TL = Team Leader, D = Diver, SD = Safety Diver, T = Tender

DIVE CONDITIONS:

5:30	Time: Entry:	2:50
6:00	Time: Exit:	3:15
59	Water Temp:	50
5	Visibility: (ft.)	10
17	Max Depth: (ft.)	19
SLIGHT	Current:	Slight
CLOUDY	Weather:	overcast

INSPECTION DATE 06102010

Signature

Carl Edwards

Channel Condition:

5

Substruc/Culvert Condition:

6

SCOUR BASIN D.S.
 EXPOSED FOOTING

5725

ABBOT

PAGE - CARR

06-10-10

