

10-02-17

CARROLL COUNTY

09-SR436-0068

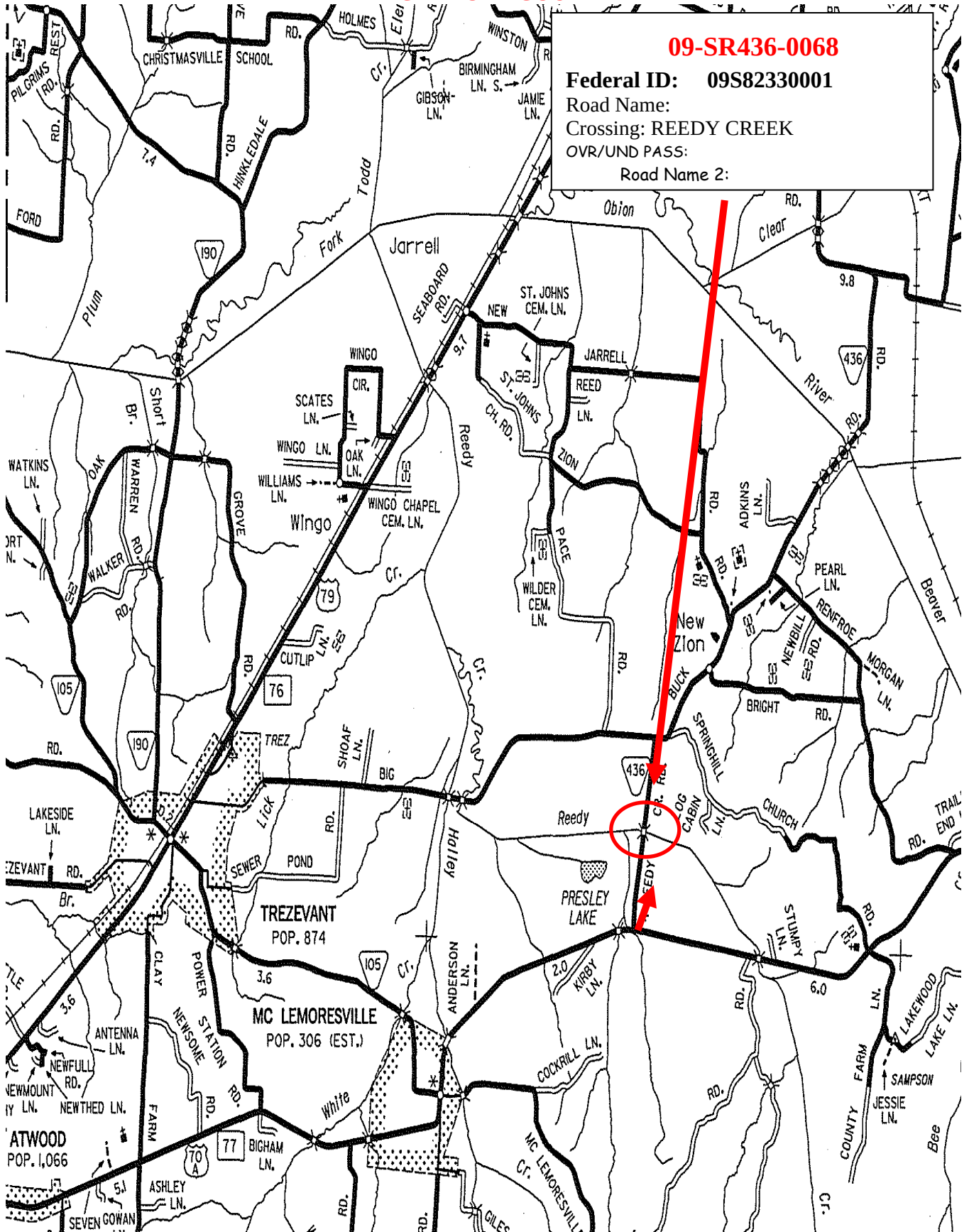
Federal ID: 09S82330001

Road Name:

Crossing: REEDY CREEK

OVR/UND PASS:

Road Name 2:



BRIDGE MAINTENANCE RECOMMENDATIONS**10-02-17****COUNTY: CARROLL****LOCATION: 9-SR436-00.68-****CO. SEQ.: 1 SPEC. CASE: 0**Tennessee Department
of Transportation**CROSSING: REEDY CREEK****FED. BRIDGE NO.: 09S82330001****MAINT. DIST.: 9****REPAIR LIST NO.: 3****DATE ADDED: 03/12/2012****REVISED: 10/02/2017**

FACILITY CARRIED:	FAS 436	NUMBER OF MAIN SPANS:	1
HIGHWAY SYSTEM:	05-STP RURAL, STATE	NUMBER OF APPROACH SPANS:	3
BRIDGE WIDTH (CURB TO CURB):	20 FT 4 IN	BRIDGE LENGTH (FT):	90
BRIDGE WIDTH (OUT TO OUT):	21 FT 7 IN	MAXIMUM SPAN LENGTH (FT):	33
APPROACH ROADWAY (W/SHOULDERS):	27 FT 10 IN	SKEW ANGLE (DEGREES):	90
MAINTAINED BY:	STATE HIGHWAY AGENCY		
MAIN SPAN MATERIAL:	PRESTRESSED CONCRETE		
MAIN SPAN DESIGN TYPE:	BOX BEAM OR GIRDERS - MULTIPLE		
APPROACH SPAN MATERIAL:	CONCRETE		
APPROACH SPAN DESIGN TYPE:	SLAB		
INSPECTION DATE:	10/02/2017	GENERAL CONDITION:	POOR
EVALUATION DATE:	12/03/2015	STRUCTURALLY DEFICIENT:	YES
PPRM PIN NUMBER:			
H TRUCK RATING @ INV.:	15 TONS	SUFFICIENCY RATING:	47.1

No.	RECOMMENDATIONS	REPAIR DATE	REPAIRED BY
1.	REPAIR OR REPLACE PILE "C" AT BENT NO.1A		

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS

REPAIR OR REPLACE PRECAST CONCRETE CHANNEL SLAB "F" IN SPAN NO.1

REPAIR BREASTWALL AT ABUTMENT NO.2

CUT AND REMOVE VEGETATION FROM CHANNEL

APPROACH GUARDRAILS ARE NON-EXISTENT

BRIDGERAILS ARE SUBSTANDARD

GENERAL COMMENTS:



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Bridge Condition Coding Form

10-02-17

Revised 10/03/2017

Bridge Number: 09S823300011
(Includes Item 5A)

Feature Intersected: REEDY CREEK

Evaluation Status: NO CHANGE BUT STILL EVALUATE

County: 9

Route: SR436

Special Case: 0

County Sequence: 1

Log Mile: 0.68

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM # DESCRIPTION

VALUE

CONDITION CODING GUIDELINES

90 LAST INSPECTION DATE
EARLIEST DATE OF
NEXT
REGULAR INSPECTION

10/02/2017

08/03/2019

(Values for Coding Items 58, 59, 60 and 62)

N NOT APPLICABLE

9 EXCELLENT CONDITION

8 VERY GOOD CONDITION - NO
PROBLEMS NOTED.

7 GOOD CONDITION - SOME MINOR PROBLEMS.

6 SATISFACTORY CONDITION - MINOR
DETERIORATION OF STRUCTURAL
ELEMENTS.

5 FAIR CONDITION - ALL PRIMARY
STRUCTURAL ELEMENTS ARE SOUND BUT
MAY HAVE MINOR SECTION LOSS,
CRACKING, SPALLING OR SCOUR.

4 POOR CONDITION - ADVANCED SECTION
LOSS, DETERIORATION, SPALLING OR
SCOUR.

3 SERIOUS CONDITION - 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.

2 CRITICAL CONDITION - 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.

1 "IMMINENT" FAILURE CONDITION - MAJOR
DETERIORATION OR SECTION LOSS
PRESENT IN CRITICAL STRUCTURAL
COMPONENTS OR OBVIOUS VERTICAL OR
HORIZONTAL MOVEMENT AFFECTING
STRUCTURAL STABILITY. BRIDGE IS
CLOSED TO TRAFFIC BUT CORRECTIVE
ACTION MAY PUT IT BACK IN LIGHT SERVICE.

0 FAILED CONDITION - OUT OF SERVICE AND
BEYOND CORRECTIVE ACTION.

10 MINIMUM V.C. OVER
DECK
(ROADWAY + SHOULDERS) 99 FT. 99 IN.

520 MINIMUM V.C. OVER DECK
(EXCLUDES SHOULDERS) 99 FT. 99 IN.

36 TRAFFIC SAFETY FEATURES

Br. Rail	Trans.	Appr. Rail	Terminal	SPEED LIMIT
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>45</u>

41 STRC OPEN/CLOSED/POSTED
A K P P

58 DECK 5

59 SUPERSTRUCTURE 5

60 SUBSTRUCTURE 4

61 CHANL/CHANL PROTECTION 6

62 CULVERT AND RETAIN WALL N

71 WATERWAY ADEQUACY 6

72 APPROACH RDWY ALIGNMENT 8

521 OVERALL CONDITION POOR

16 LATITUDE 17 LONGITUDE
N 36° .8600' W 88° 32.4583'

TEAM LEADER SIGNATURE

REVIEW DATE

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



BRIDGE NUMBER



LOOKING AHEAD ON ROUTE

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



UP STREAM



VIEW ACROSS TOP OF DECK

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



DOWN STREAM



LOOKING BACK ON ROUTE

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



ABUTMENT 2



BENT 1 REAR SIDE

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



BENT 2 FRONT SIDE



RIGHT SIDE ELEVATION

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



SPAN 2 BOTTOM DECK



LEFT SIDE ELEVATION

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



ABUTMENT 2 BREAST WALL



BOTTOM DECK REST OF SPANS

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



SPAN 1 SLAB "F"



ABUTMENT 1

Bridge Loc. No: 09-SR436-00.68 Date: 10-02-17



BENT 1 A PILE "C"



BENT 1 A PILE "C"



APPROACH 1 WEIGHT LIMIT



APPROACH 2 WEIGHT LIMIT

10-02-17

BRIDGE INSPECTION REPORT

Form BIR 3.0
(Rev. 9-22-98)
DT-0069

Field Report No.: 24 Date: 10/24/17
Previous Report No.: 23 Date: 11/23/15
Co. Seq 01 Plans: YES (X) NO ()

Bridge No. 09S82330001 Bridge Location No. 09 - SR436 - 0068
Eleven-Digit No. Co. Route Log Mile OVER/UNDER PASS

Road Name REEDY CREEK Feature Intersected CITY
Year Constructed 1960 County Carroll Maint. Dist: 47 Maint. Resp: 02
Year Widened _____ Year Rehabilitated _____

Structure Name (If Named)

FEATURES

Wearing Surface Concrete () Timber () Asphalt (X) Depth 1 1/2 (in.)
Flared Width Yes () No (X) Median Width Open () None (X) Closed ()
Navigational Control Yes () No (X) Bridge Skew 90 ° LT () RT ()
Structure Type (Main Span) CONCRETE BOX BEAM & P. C. C. S.
Structure Type (Appr. Spans) _____
No. Main Spans 4 No. Approach Spans _____
Maximum Span Length 33.0 (**. * ft.)
Total Length 91.0 (**. * ft.)

INSPECTORS

1. Jones TL
2. Aiken, n. g. ton
3. Conway
4. Thomas
5. B Jones
6. HAYNES
7. _____
8. _____

WIDTHS (*. * ft.)

Deck Out-to-Out 22.0
Roadway Curb/Curb 21.0
Roadway Rail/Rail _____
Sidewalk Rt. _____ Lt. _____
*Approach Roadway 18.0
*(Does Not Include Shoulders)
Approach Shoulder Rt. 3.0
Lt. 3.0

CLEARANCES

Min. Vertical Clearance over Deck _____ (ft.-in.)
Min. Vertical Under Clearance _____ (ft.-in.)
Min. Lateral Under Clearance Rt. _____ (*. * ft.)
Min. Lateral Under Clearance Lt. _____ (*. * ft.)

FRACTURE CRITICAL: _____
(If Yes, Include BIR 3.9)

NBIS Bridge Length (<25 ft.) _____ (ft.-in.)

UNDERWATER INSPECTION

To Be Performed By: _____ Date _____

DOT FIELD TEAM () CONTRACT DIVERS () NONE REQUIRED (X)

Change in Structural Condition: Yes () No (X) Major Repairs Made: Yes () No (X)

COMMENTS:

LATITUDE: N36 ° 0.8600

LONGITUDE: W88 ° 32.4583

G.P.S. Location

BRIDGE RATING: () () (X) ()

GOOD FAIR POOR CRITICAL

Supervising Bridge Inspector: L Jones

10-02-17

Bridge Location No. 09 - SR436 - 0068
Co. Route Log Mile

Date 10/2/17

PERFORMANCE EVALUATION

Time of Day Inspected 9:15 AM Weather Conditions Partly Cloudy 64°
Vehicles Observed NO RAMP TRAFFIC

LIVE LOAD BEHAVIOR

Substructure	YES	NO	Comments
Horiz./ Vert. Defl.	()	(X)	
Vibration	()	(X)	
Superstructure			
Horiz./ Vert. Defl.	()	(X)	
Vibration	()	(X)	

APPROACH

	Rating	Comments
Alignment	G F P C	
Slab	G F P C	N/A
Joints	G F P C	N/A
Pavement	G F P C	Fine to 1/8" cracks & light softening in minor spalling
Embankment	G F P C	
Drains	G F P C	N/A

TRAFFIC SAFETY FEATURES

	Rating	STANDARD/ SUB-STANDARD	Comments
Bridgerailing	G F P C	() (X)	
Transitions	G F P C	() ()	N/A
Guardrail	G F P C	() ()	
Guardrail Terminal	G F P C	() ()	

SIGNING

	YES	NO	NEEDED	Weight Limit Posted
Paddleboards	(X)	()	()	YES (X) NO ()
Vertical Clearance (<14'-6")	()	(X)	()	Gross..... 40 Tons
NARROW ()	()	(X)	()	2 Axle..... 40 Tons
ONE LANE BRIDGE ()	()	(X)	()	3 or more Axles.. Tons

Other Signs or Plaques: _____

Comments Regarding any
Problems with Signing: _____

10-02-17

Bridge Location No. 09 - SR436 - 0068
Co. Route Log Mile

Date 10/2/17

DECK

	Rating	Comments
Wearing Surface	G <u>F</u> P C	
Deck - Structural Condition	G F <u>P</u> C	<u>See slabs</u>
Curbs	<u>G</u> F P C	
Median	G F P C	
Sidewalks	G F P C	
Parapet	G <u>F</u> P C	
Railing	G F P C	
Paint	G F P C	
Drains	<u>G</u> F P C	
Lighting Standards	G F P C	
Utilities	G F P C	
Joint Leakage	G F P C	
Expansion Joints	G F P C	

SUPERSTRUCTURE

Bearing Devices	G F P C	
Beams <i>CBB</i>	<u>G</u> F P C	
Girders	G F P C	
P C C S	G F <u>P</u> C	<u>Span # 1 "F" Spall TO Steel (24D)</u>
BOLTS (PCCS)	<u>G</u> F P C	
Floor Beams	G F P C	
Stringers	G F P C	
Diaphragms	G F P C	
Bracing	G F P C	
Trusses - General	G F P C	
Portals	G F P C	
Bracing	G F P C	
Paint	G F P C	
Alignment of Members	<u>G</u> F P C	

TEXTURE COAT

Condition Rating	G F P C	Fading	G F P C
Overall Appearance	G <u>F</u> P C	Needs Spot Painting	YES () / NO ()
Staining Rating	G F <u>P</u> C	Needs Repainting	YES <u>11/18</u> / NO ()
Comments		Scaling Rating	G F P C
RECOMMENDATIONS:		CLEAN SEAL JOINTS ()	
		CLEAN DRAINS ()	

SUBSTRUCTURE

PILES TO BE
REPLACED

ABUTMENTS

	Rating	Comments	PILE(S)	ABUTMENT
Caps	G <u>F</u> P C			
Breastwall	G F <u>P</u> C	<u>Abut # 2</u>		<u>(167)</u>
Wings	G <u>F</u> P C			
Backwall	G F P C			
Plumb	<u>G</u> F P C			
Footing	G F P C			
Piles	G <u>F</u> P C			
Embankment	<u>G</u> F P C			
Bearing <u>veg</u>	G F <u>P</u> C	<u>Heavy in General</u>		<u>(204)</u>
Slope Paving	G F P C			
Rip Rap	<u>G</u> F P C			
Earthquake Devices	G F P C			

PIERS

	Rating	Comments	PILE(S)	PIER
Caps	G F P C			
Columns	G F P C			
Plumb	G F P C			
Footings	G F P C	<u>X/A</u>		
Piles	G F P C			
Bearing	G F P C			
Web	G F P C			
Earthquake Devices	G F P C			

BENTS

	Rating	Comments	PILE(S)	BENT
Caps	G <u>F</u> P C			
Columns	G F P C			
Plumb	<u>G</u> F P C			
Footings <u>conc. casing</u>	<u>G</u> F P C			
Piles	G F <u>P</u> C	<u>Pile "C" Bent # 1A</u>		<u>(141)</u> <u>(1)</u>
Bearing	G F P C			
Bracing	G <u>F</u> P C			
Earthquake Devices	G F P C			

Piles Need Replacement:

NO () YES (X) (141) (1)

CUT VEGETATION

NO () YES (X) (204)

CLEAR DRIFT

NO (X) YES ()

RECOMMENDATIONS:

STREAM CHANNEL DATA AND CONDITIONS

Stream Crossing: REEDY CREEK

- I. 1. Type of bed material? CLAY, SILT & SAND
2. Has channel shifted? YES () NO (X) NOT APPARENT ()
3. Condition of rip-rap? G (F) P C Est. % failed _____ % N/A ()
4. Overall condition of channel? G (F) P C
5. Item 61 - Code values 0 thru 9 according to the recording
and coding guide currently in effect: 6
6. Underwater diver inspection recommended? YES () NO (X)
If yes, why? _____

- II. Channel and bank stability conditions: (check if applicable)
1. Steep bank conditions: - Failures upstream () Failures downstream ()
2. Moderate bank erosion (X)
3. Bank vegetation: a. low growth (X) b. large timber (X) c. clear banks ()
d. dead trees upstream (X) e. dead trees downstream (X)
4. Sediment or gravel accumulation: YES () NO (X) UNKNOWN ()
5. Channel altered or straightened: YES () NO (X) UNKNOWN ()
6. Stable conditions: a. live growth (X) b. bedrock ()
c. boulders () d. flat slopes ($\leq 2:1$) ()

- III. Waterway adequacy and debris characteristics: (check if applicable)
1. Bridge deck elevations:
a. level with approach roadway. (X)
b. higher than approach roadway. ()
c. roadway approach ≥ 2 ft. above natural ground line. . (X)
2. Abutment encroaches into channel. ()
3. Large scour (blowhole) under bridge. ()
4. Indications that flood waters overtop bridge:
NO (X) YES () OCCASIONALLY () FREQUENTLY () UNKNOWN ()
5. Debris characteristics:
a. debris/drift present YES () NO (X)
b. debris/drift likely to accumulate YES (X) NO ()
c. dead trees upstream (X) dead trees downstream (X)

IV. Comments: _____

SPECIAL INSPECTION DATA - FOR REASONS OTHER THAN FC OR SCOUR

- I. Does this bridge need a special inspection? YES () NO (X)
II. Reason for special inspection: _____

Inspection Team's Summary
Bridge Location No. 09 - SR436 - 00.68
Inspection Date 10 - 02 - 17
Bridge Rating POOR

THIS IS A 4 SPAN P.C.C.S. & CONCRETE BOX BEAM BRIDGE
SUBSTRUCTURE IS TIMBER
SAFETY FEATURES ARE METAL GUARD RAILS, PADDLE BOARDS &
WEIGHT LIMIT SIGNS
APPROACH ASPHALT HAS FINE TO 1/8" CRACKS, LIGHT SETTLING &
SPALLING
P.C.C.S. HAS HAIRLINE TO 1/8" CRACKING & SPALL TO STEEL
SPAN # 1 SLAB "F" HAS SPALL TO STEEL
BOX BEAMS HAVE NO PROBLEMS
SUBSTRUCTURE HAS LIGHT TO MEDIUM WEATHERING & SCATTERED
DECAY
BENT # 1 A PILE "C" HAS HEAVY DECAY
ABUTMENT # 2 BREAST WALL HAS HEAVY DECAY
APPROACH # 1 WEIGHT LIMIT SIGNS ARE 40 TON

VEGETATION IS HEAVY WITH TREE GROWTH

NO ISSUES WITH SCOUR

SHAYNE HAYES

INSPECTOR

CROSS SECTION: YES (X) NO () BRM: YES () NO (X)

N/C

S Jones
10/2/17
11/C

10-02-17

GROUND ELEVATIONS

FEDERAL NUMBER ----- 09S82330001

BRIDGE NO. ----- 9-436-0.68

DATE : 9/13/2000
N/C 6/19/08

CROSSING ----- REEDY CREEK

NUMBER OF PIERS ----- 3

LOCATION OF PIERS ----- 19, 52, 71

BENCH MARK ELEV. ---- 105.93

BENCH MARK LOC. ---- TOP CAP RT. SIDE A-1

INSPECTORS

~~SCOTT'S CREW~~
Blanken Ship Creek

WATER ELEVATION -----

DISTANCE OF 0.00 = TOP OF BANK APPROACH 1 SIDE

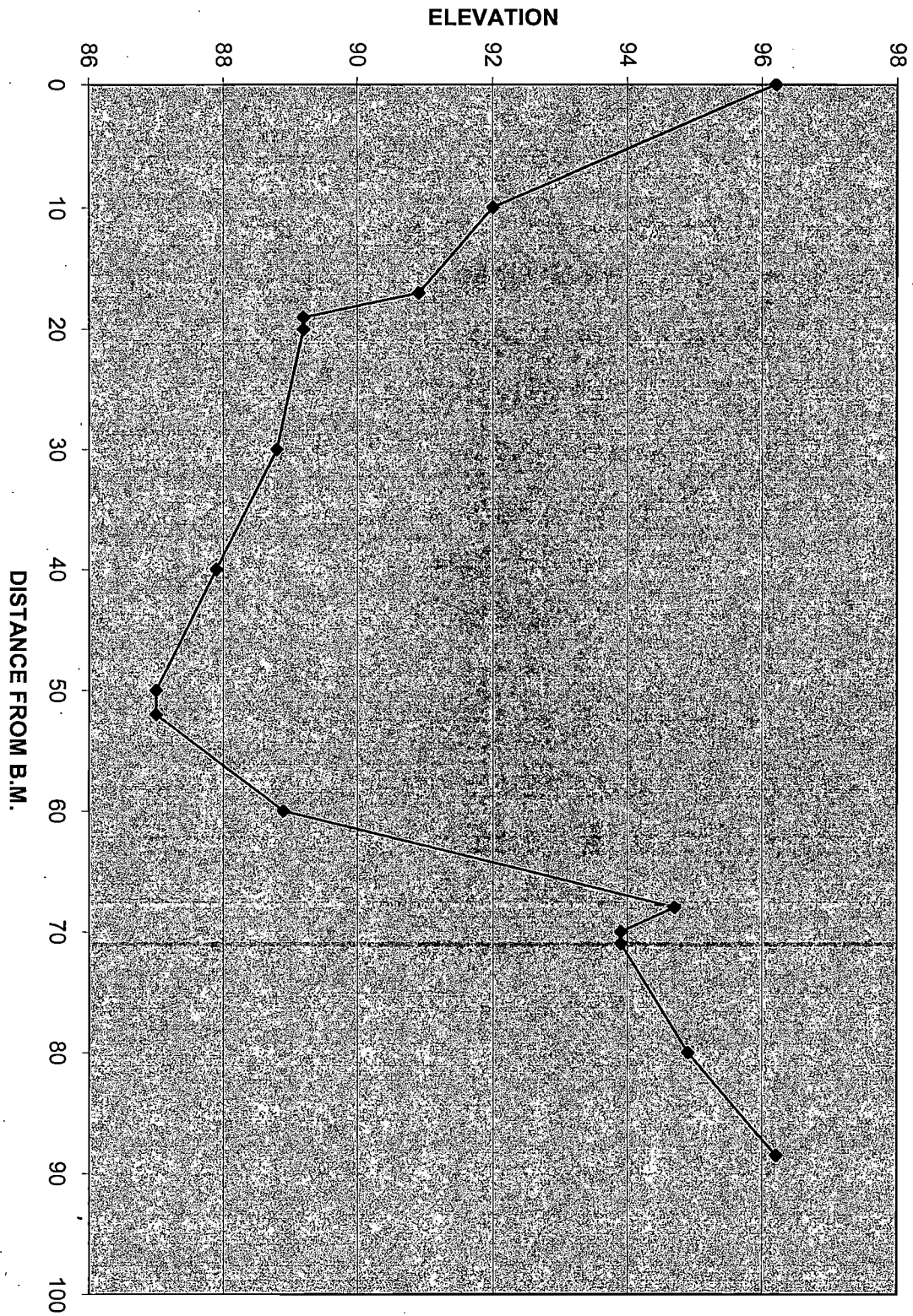
DISTANCE AND ELEVATIONS ARE IN STANDARD MEASUREMENT

UPSTREAM GROUND ELEVATION @ EDGE OF BRIDGE

9/13/2000	
Distance from B.M.	Elevation
0	96.2
10	92
17	90.9
19	89.2
20	89.2
30	88.8
40	87.9
50	87
52	87
60	88.9
68	94.7
70	93.9
71	93.9
80	94.9
88.5	96.2

10-02-17

09S82330001 UPSTREAM D.L.



N/C 6/19/08

9/13/2000

10-02-17

BRIDGE NO. -----

9-436-0.68

DATE :

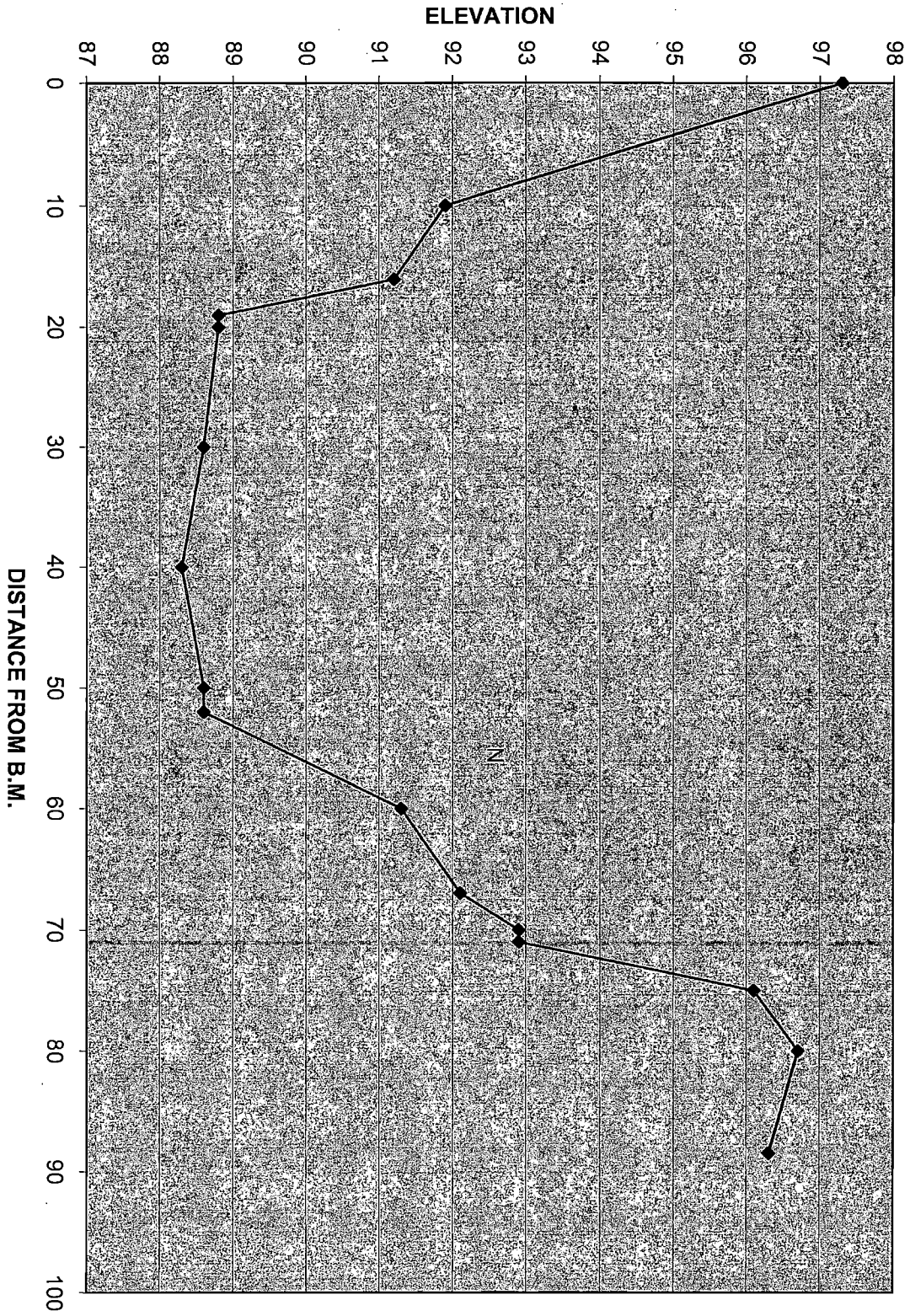
9/13/2000

DOWNSTREAM GROUND ELEVATION @ EDGE OF BRIDGE

9/13/2000	
Distance from B.M.	Elevation
0	97.3
10	91.9
16	91.2
19	88.8
20	88.8
30	88.6
40	88.3
50	88.6
52	88.6
60	91.3
67	92.1
70	92.9
71	92.9
75	96.1
80	96.7
88.5	96.3

10-02-17

09S82330001 DOWNSTREAM D.L.



—◆— 9/13/2000

N/C 6/19/08

10-02-17

BRIDGE NO. -----

9-436-0.68

DATE :

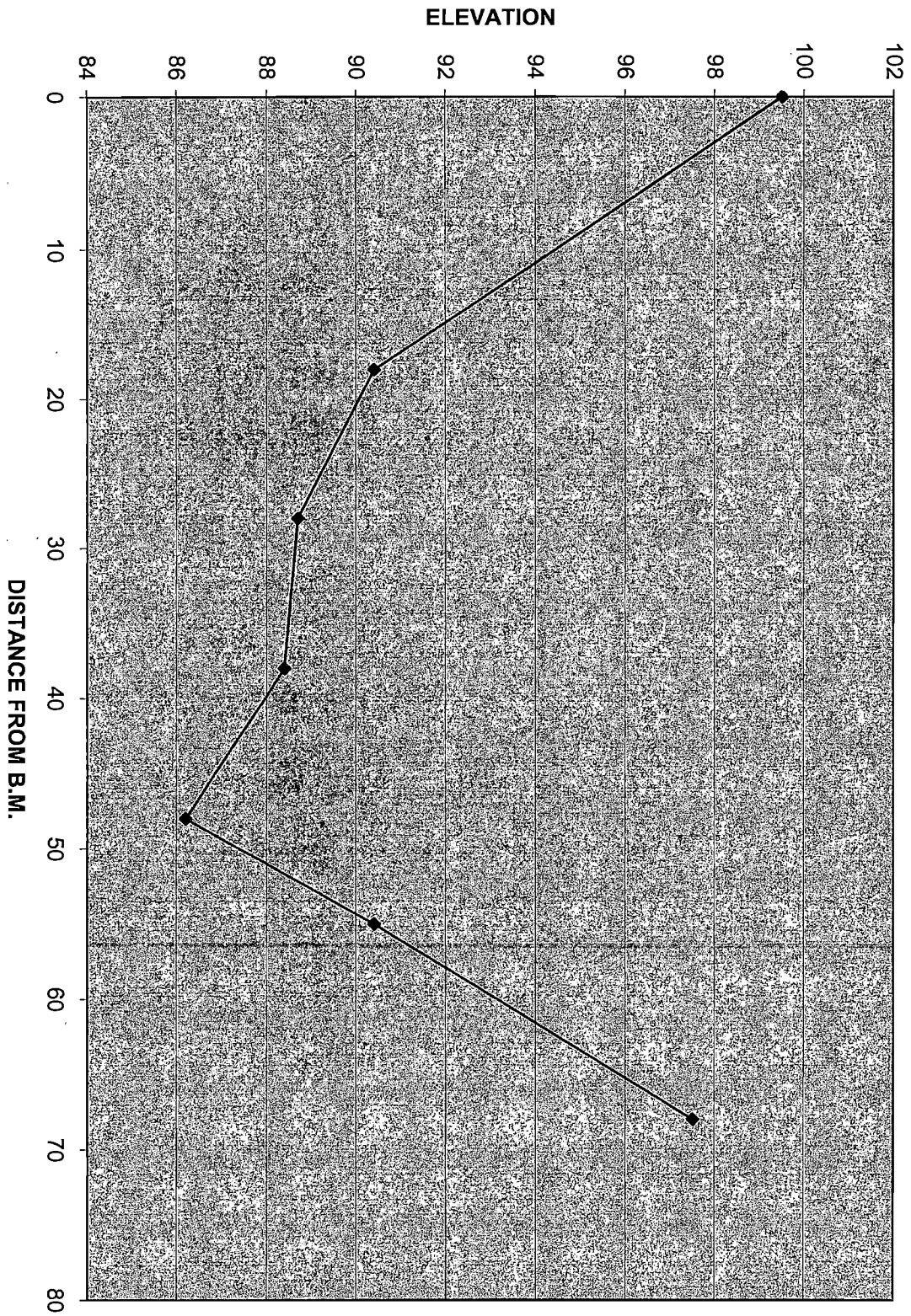
9/13/2000

100' UPSTREAM, STREAMBED ELEVATIONS BANK TO BANK

9/13/2000	
Distance from B.M.	Elevation
0	99.5
18	90.4
28	88.7
38	88.4
48	86.2
55	90.4
68	97.5

10-02-17

09S82330001 UPSTREAM 100'



—◆— 9/13/2000

n/c06/19/08

10-02-17

BRIDGE NO. -----

9-436-0.68

DATE :

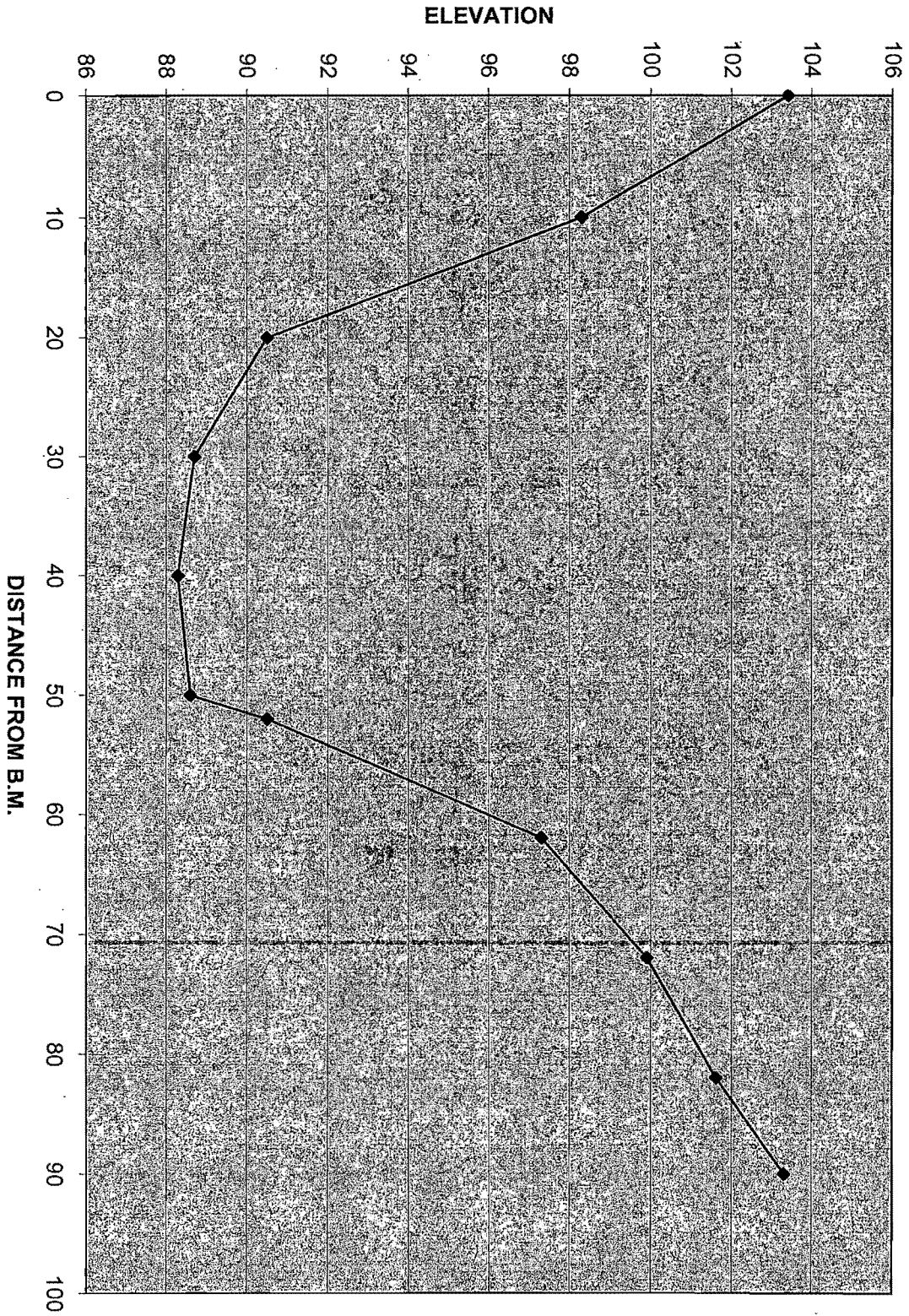
9/13/2000

100' DOWNSTREAM, STREAMBED ELEVATIONS BANK TO BANK

9/13/2000	
Distance from B.M.	Elevation
0	103.4
10	98.3
20	90.5
30	88.7
40	88.3
50	88.6
52	90.5
62	97.3
72	99.9
82	101.6
90	103.3

10-02-17

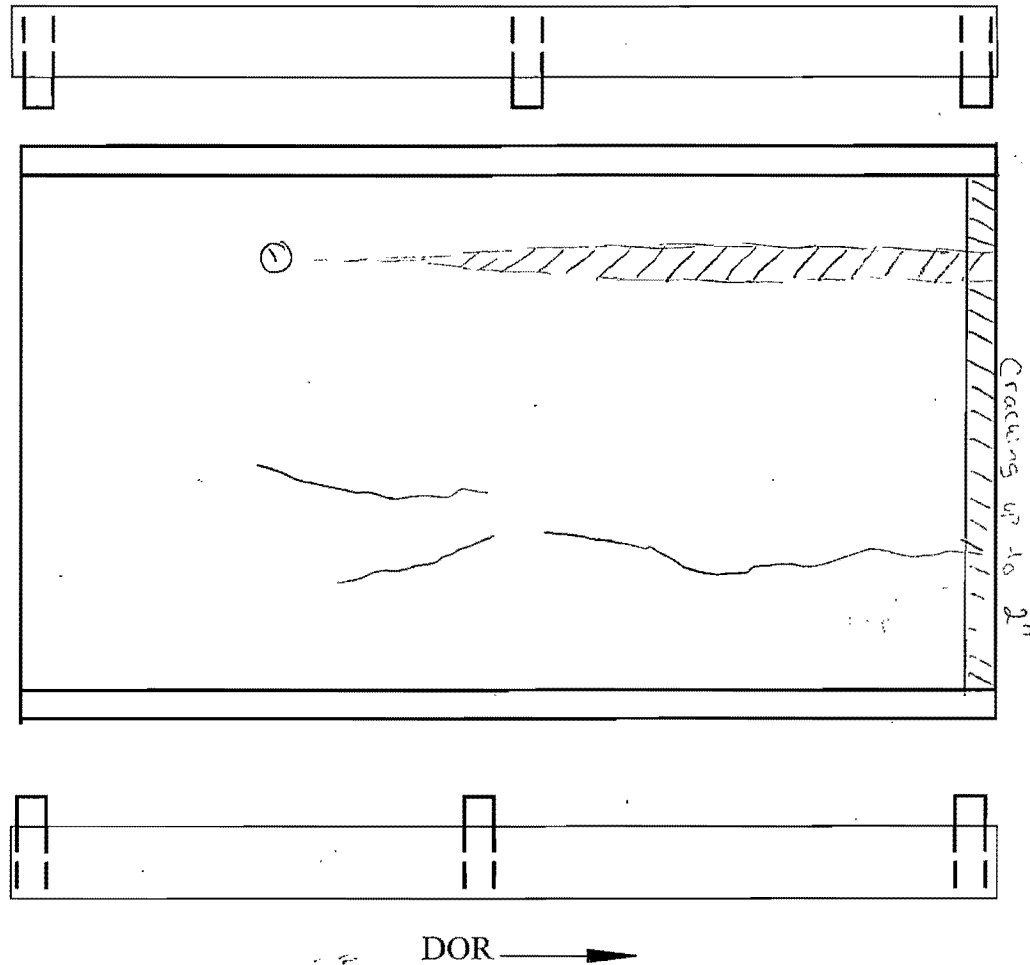
09S82330001 DOWNSTREAM 100'



9/13/2000

n/c06/19/08

10-02-17

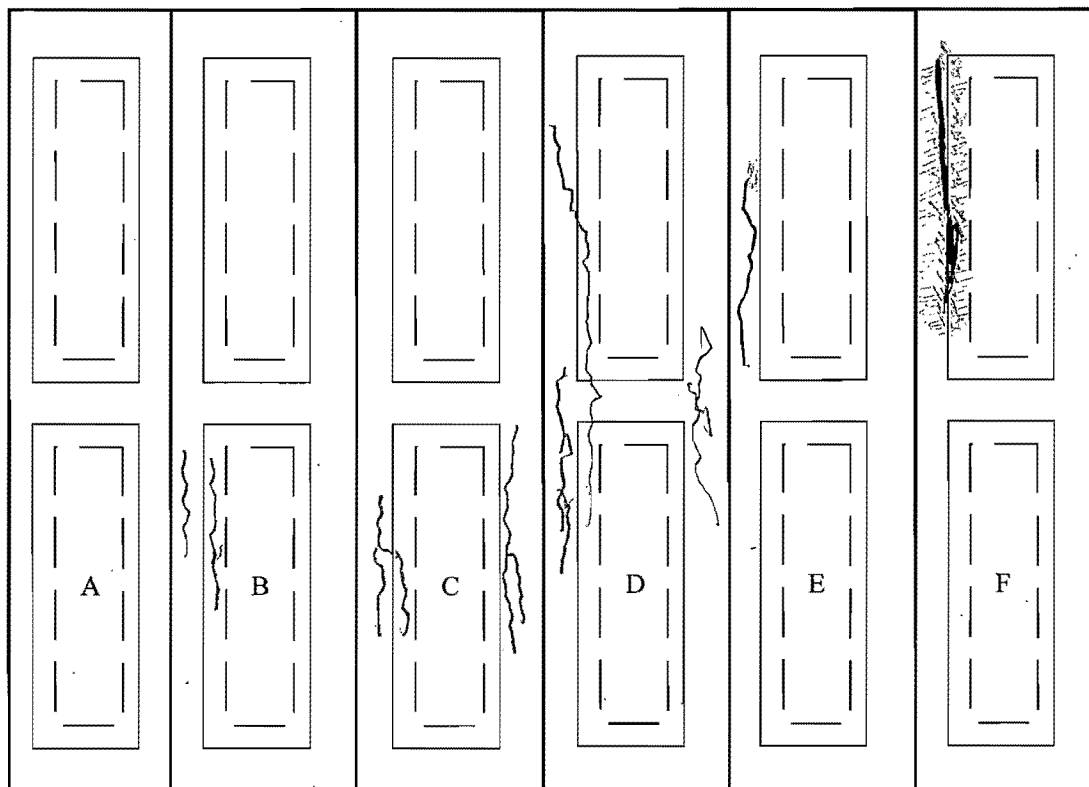
Bridge No. 09 SR436 0.68Skew 90 RT.SPAN. NO. /

ELEMENT	RATING	COMMENT
TOP DECK	G <u>F</u> P C	spalling between slabs (1) 10' L X 4" W X 6" Depth 1/16 cracks - 1/2" / (2)
CURBS	<u>G</u> F P C	
RAIL & POST	<u>G</u> F P C	
PAINT	G F P C	
DRAINS	<u>G</u> F P C	
JOINT	G F P C	N/A
	G F P C	

10-02-17

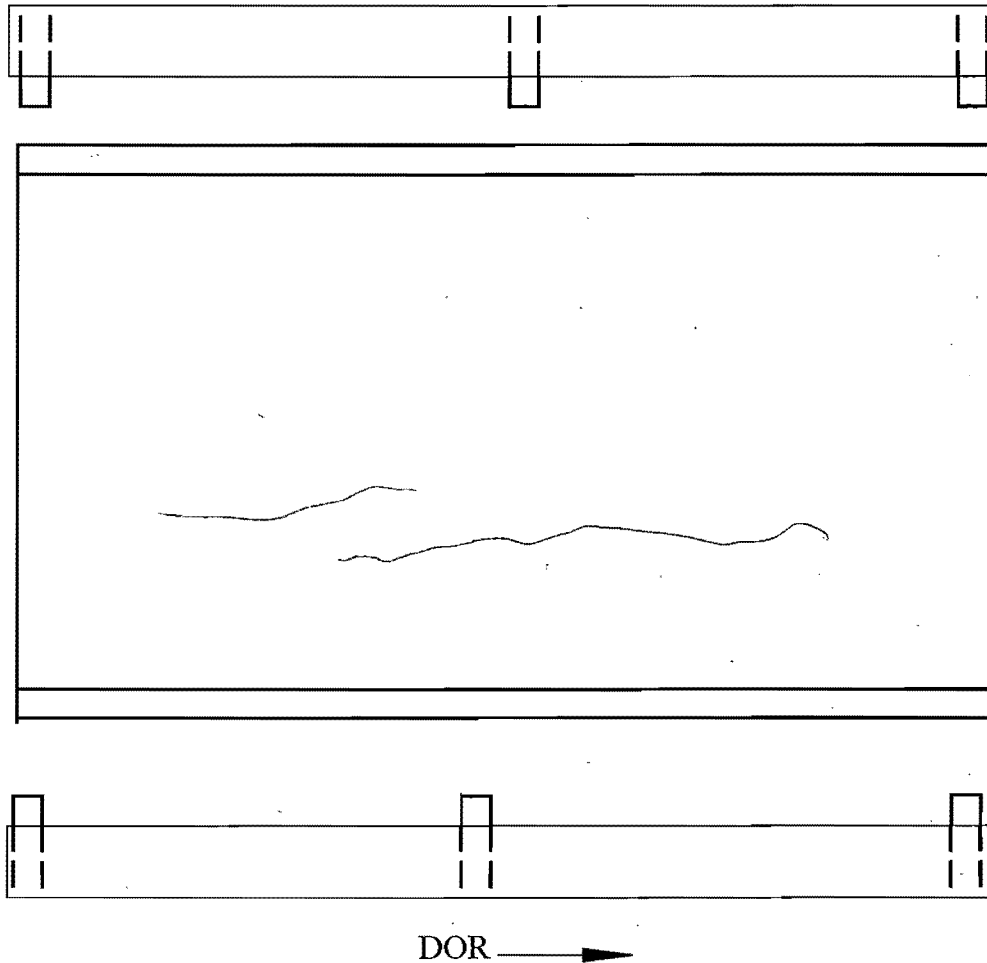
09 SR436 0.68 90
 Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. ____ / ____



ELEMENT		RATING	COMMENT
SLABS	A	(G) F P C	
	B	(G) F P C	Hairline crack
	C	G (E) P C	1/16" cracking
	D	G (F) P C	1/8" cracking
	E	G (F) P C	1/8" cracking
	F	G F (P) C	Spill to steel
BOLTS		G F P C	
		G F P C	
		(G) F P C	

10-02-17

Bridge No. 09 SR436 0.68Skew 90 RT.SPAN. NO. 2

ELEMENT	RATING	COMMENT
TOP DECK	G <u>F</u> P C	Cracks up to 1/16"
CURBS	<u>G</u> F P C	
RAIL & POST	<u>G</u> F P C	
PAINT	G F P C	
DRAINS	G F P C	None
JOINT	G F P C	N/V
	G F P C	

10-02-17

48 436 D.68
 Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. 2

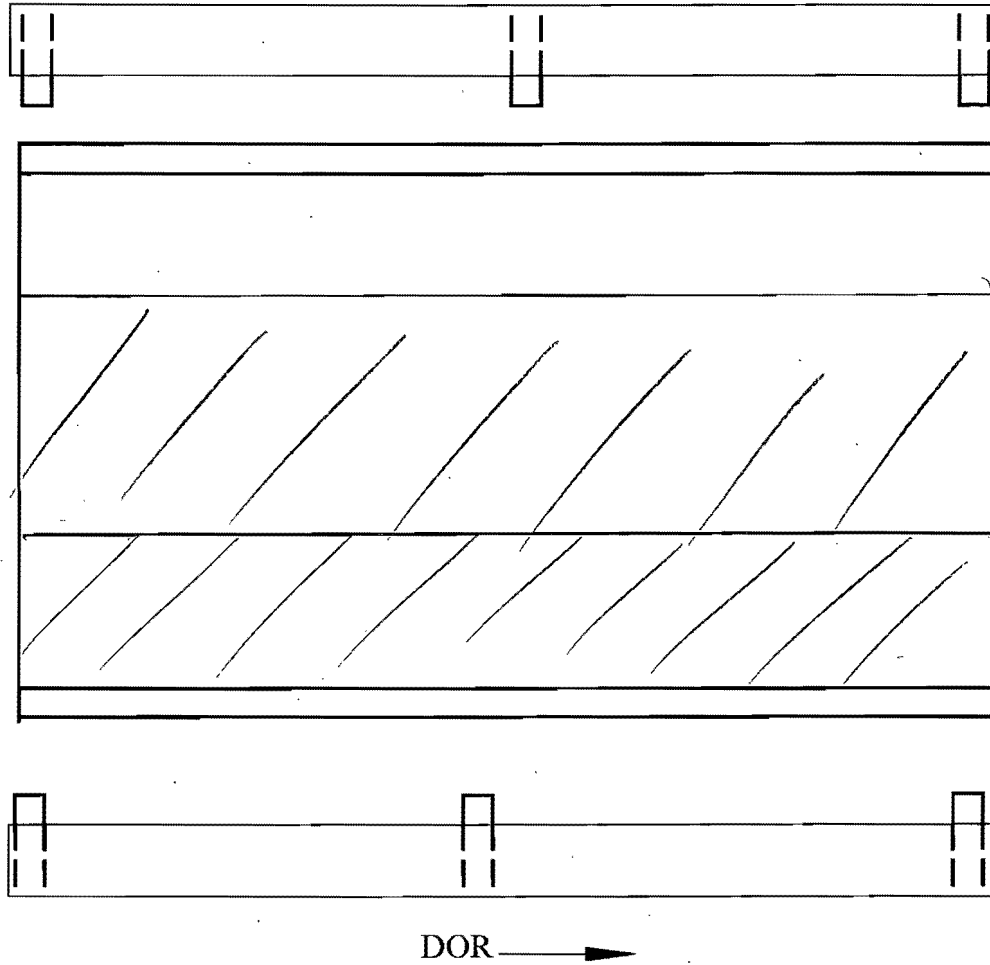
A	B	C	D	E	F	G
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↑
d.o.r.

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ELEMENT		RATING	COMMENT
BOX BEAM	A	G F P C	
	B	G F P C	
	C	G F P C	
	D	G F P C	
	E	G F P C	
	F	G F P C	
	G	G F P C	
		G F P C	
		G F P C	
		G F P C	

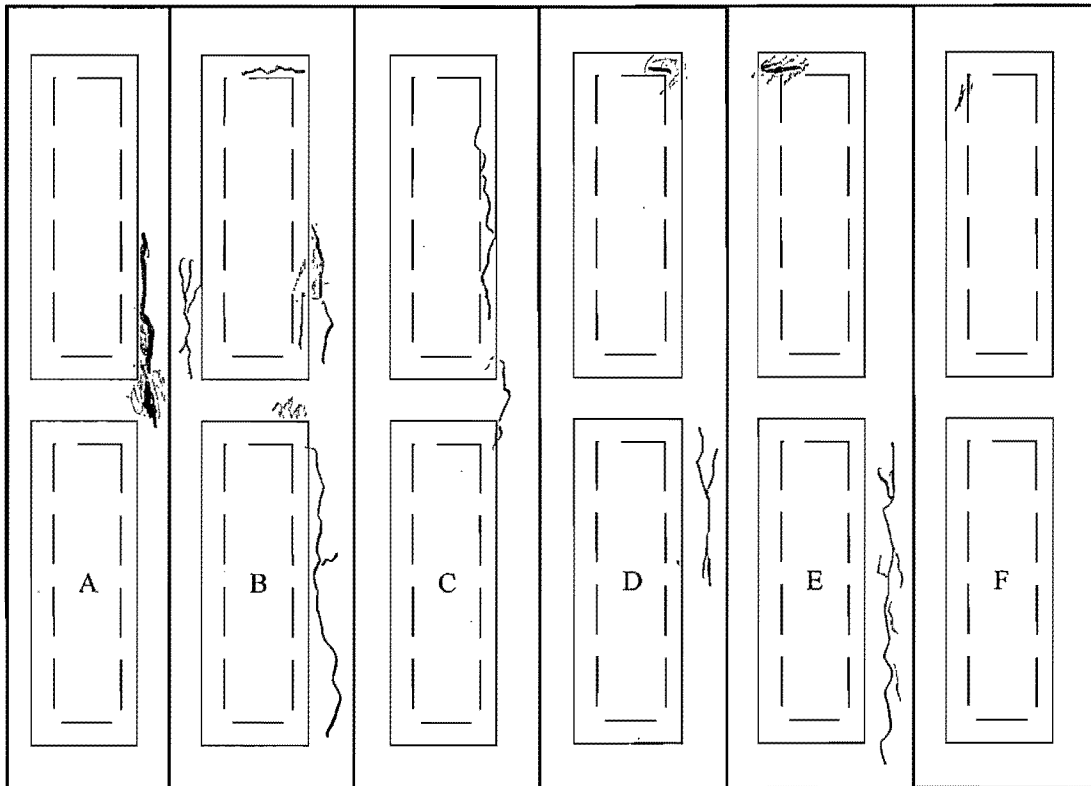
10-02-17

Bridge No. 09 SR436 0.68Skew 90 RT.SPAN. NO. 3

ELEMENT	RATING	COMMENT
TOP DECK	G (F) P C	Uneven patch work
CURBS	(G) F P C	
RAIL & POST	G (F) P C	Bent Post on Right side
PAINT	G F P C	
DRAINS	(G) F P C	
JOINT	G F P C	N/V
	G F P C	

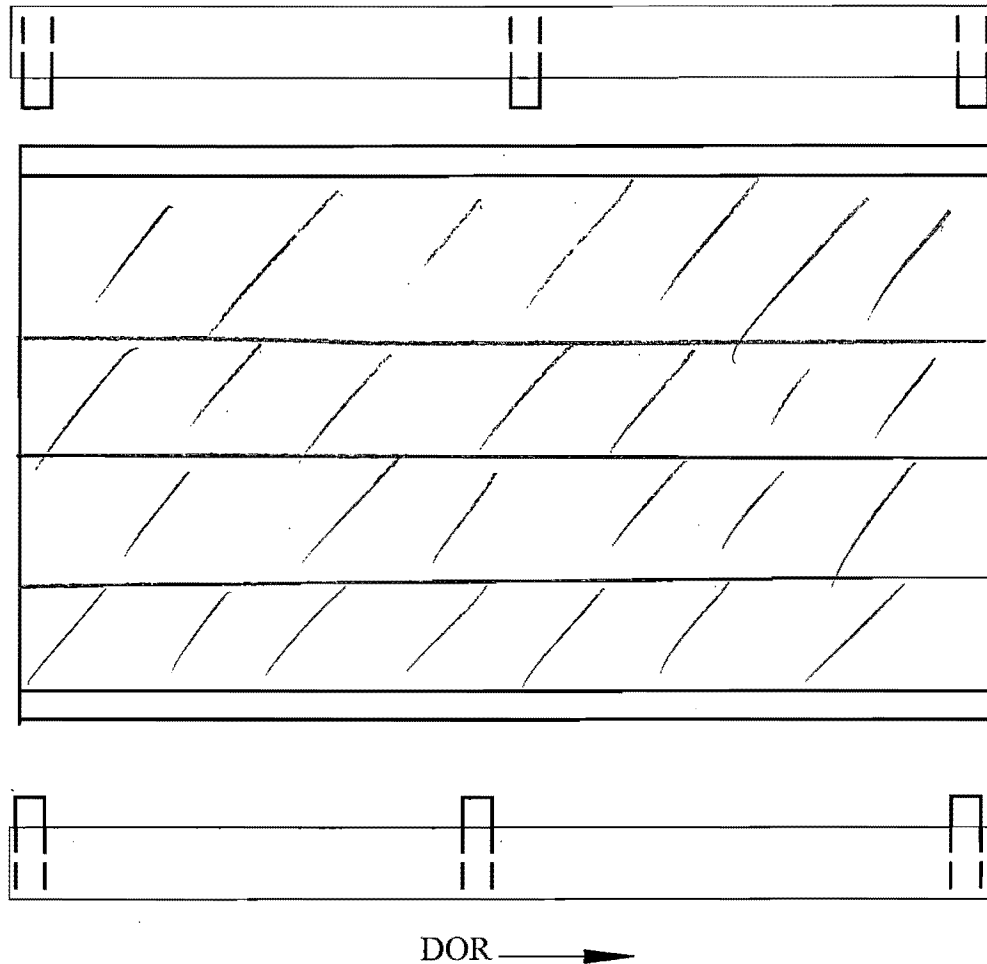
10-02-17

09 SR436 0.68 90
 Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. 3

ELEMENT		RATING	COMMENT
SLABS	A	G $\textcircled{F}$ P C	$\frac{1}{8}$ " cracking, spalling to steel
	B	G $\textcircled{F}$ P C	$\frac{1}{16}$ " - cracking, spalling
	C	G $\textcircled{F}$ P C	$\frac{1}{16}$ " cracking
	D	G $\textcircled{F}$ P C	$\frac{1}{16}$ " cracking
	E	G $\textcircled{F}$ P C	$\frac{1}{16}$ " cracking, spalling to steel
	F	$\textcircled{G}$ F P C	Hairline crack
BOLTS		G F P C	
		G F P C	
		$\textcircled{G}$ F P C	
		G F P C	

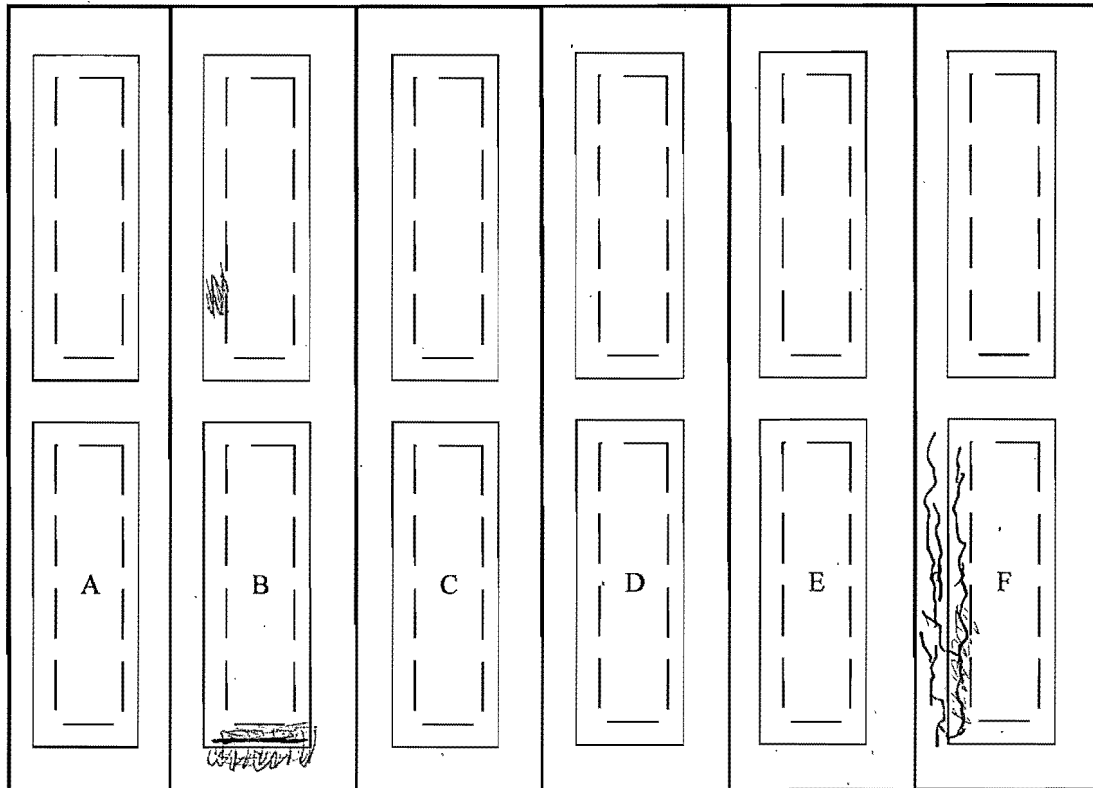
10-02-17

Bridge No. 09 SR436 0.68 Skew 90 RT.SPAN. NO. 4

ELEMENT	RATING	COMMENT
TOP DECK	G <u>F</u> P C	Uneven patch work
CURBS	<u>G</u> F P C	
RAIL & POST	G <u>F</u> P C	Bent post on right side
PAINT	G F P C	
DRAINS	<u>G</u> F P C	
JOINT	G F P C	N/A
	G F P C	

09 SR436 0.68 90
 Bridge No. Co. Route Log Mile R/L Skew

SPAN: NO. 4



ELEMENT	RATING	COMMENT
SLABS A	G F P C	
B	G F P C	Spall to steel
C	G F P C	
D	G F P C	
E	G F P C	
F	G F P C	1/8" cracking
	G F P C	
	G F P C	
BOLTS	G F P C	
	G F P C	

10-02-17

Rev. 08/03/00

Date: 10/2/17BRIDGE NUMBER: 09S82330001 09 SR436 0068Pg. # of CROSSING: REEDY CREEKDATE 11/23/15

LAST EXPOSURE	ABUT/BENT/ PIER NUMBER	TOTAL HEIGHT TOP OF CAP TO (OR GROUND LINE/ DATE FOR PILES	(t) FOOTING THICKNESS	W/FTG @ H= TOP OF CAP TO TOP OF FOOTING	EXPOSURE
6.0'	A-1				6.1'
9.7'	B-1A				8.6'
10.0'	B-1B				9.8'
11.7'	B-2A				11.1'
9.8'	B-2B				10.5'
7.1'	B-3				7.8'
5.8'	A-2				5.8'

10.9'	TOP OF CAP TO TOP OF WATER: _____	RIP-RAP: YES: ☒ NO: ()
	100.00' UPSTREAM: _____	@ ABUTMENTS: <u>1+2</u>
	THRU STRUCTURE: _____	@ BENTS/PIERS: <u>1A+B, 2A+B</u>
	100.00' DOWNSTREAM: _____	UPSTREAM ☐ _____
		DOWNSTREAM ☐ _____
		THRU STRUCTURE ☐ _____

COMMENTS: _____

Rev. 08/03/00

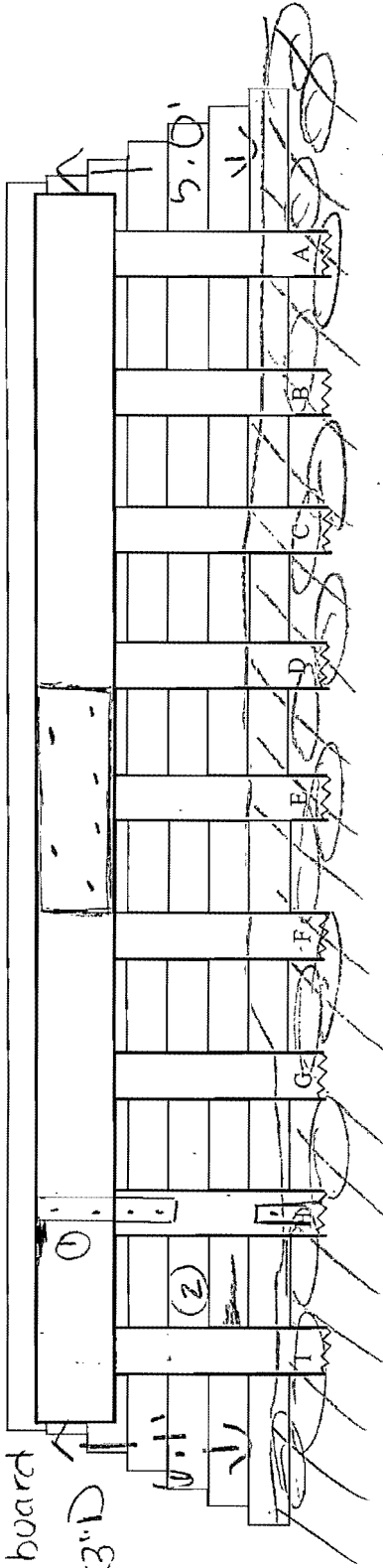
Date: _____

Bridge No. 09 -- SR436 -- 0.68

ABUT. NO. 1

① Decayed areas
7" WX 2" H X 2" D

② Decayed board
28" WX 3" H X 3" D



LOOKING BACK

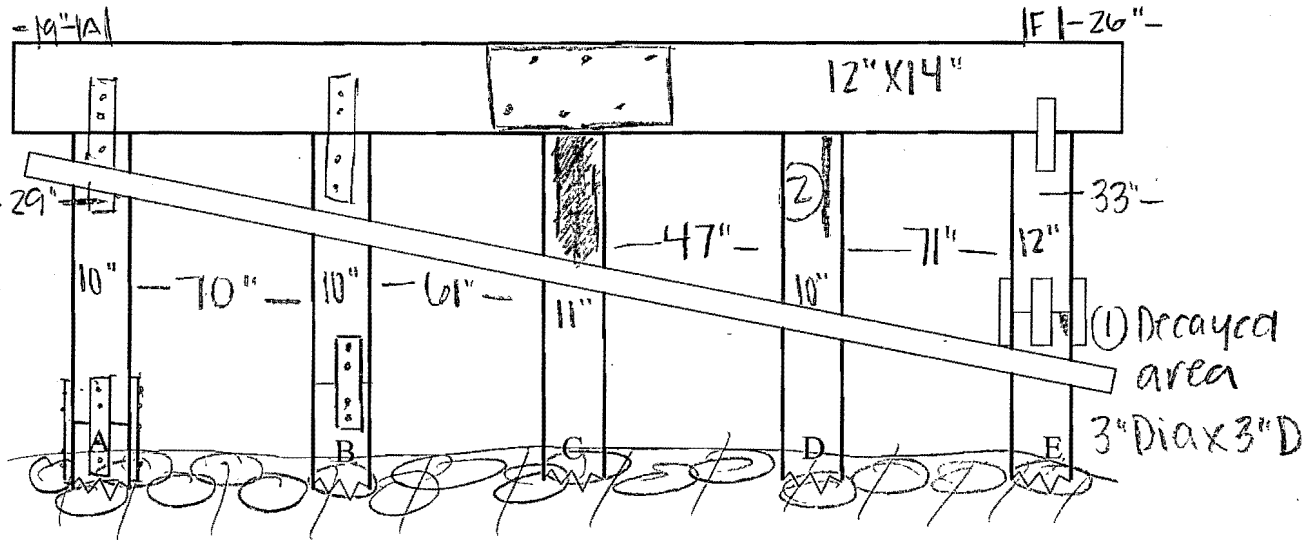
ELEMENT	RATING	COMMENT
CAP.	G F P C	①, Light Weathering
WINGS	G F P C	Light to med. Weathering
PILES A - I	G F P C	②, Light to med. Weathering
	G F P C	Tree growth
BREASTWALL	G F P C	
EMB.	G F P C	
VEG.	G F P C	
RIP - RAP	G F P C	

10-02-17

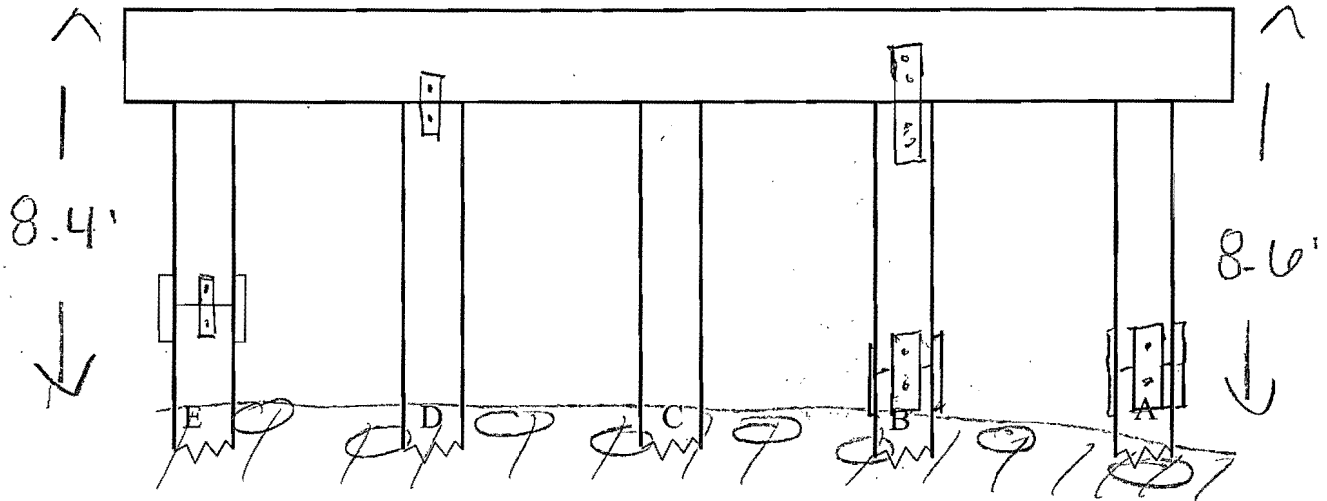
09 -- SR436 -- 0.68
Bridge No. Co. Route Log Mile

BENT. NO. 1 - A

3 splintered
8" H x 2" W x 3" D



FRONT VIEW



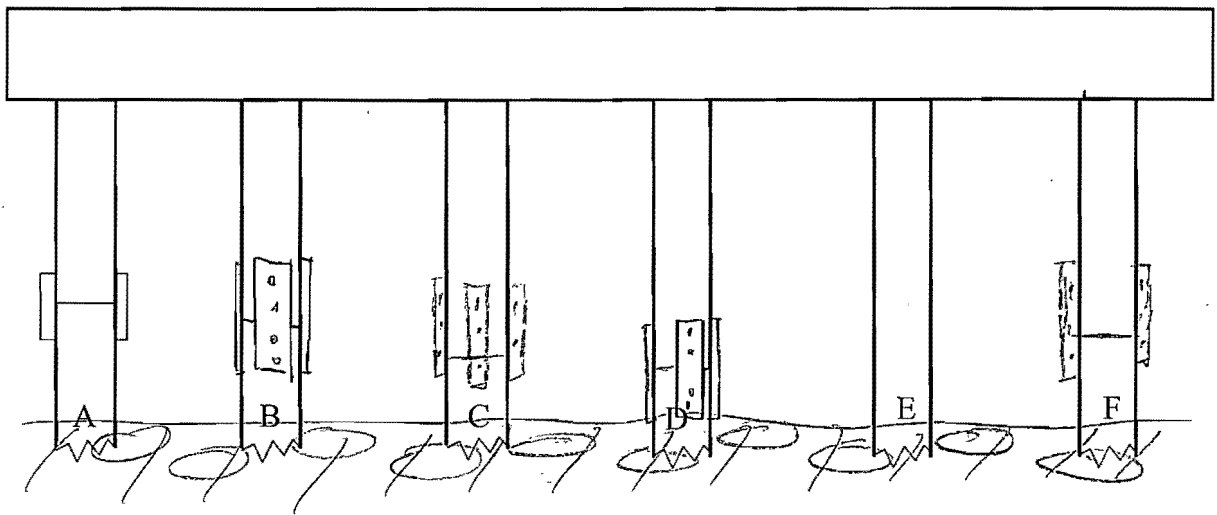
REAR VIEW

ELEMENT	RATING	COMMENT
CAP	G(F) P C	Light to med. weathering
PILES A	G(F) P C	"
B	G(F) P C	↓
C	G F (P) C	Heavy decay 4' H x upto 90%
D	G(F) P C	②
E	G(F) P C	①
RIP - RAP	G F P C	
BRACING	G(F) P C	med. weathering

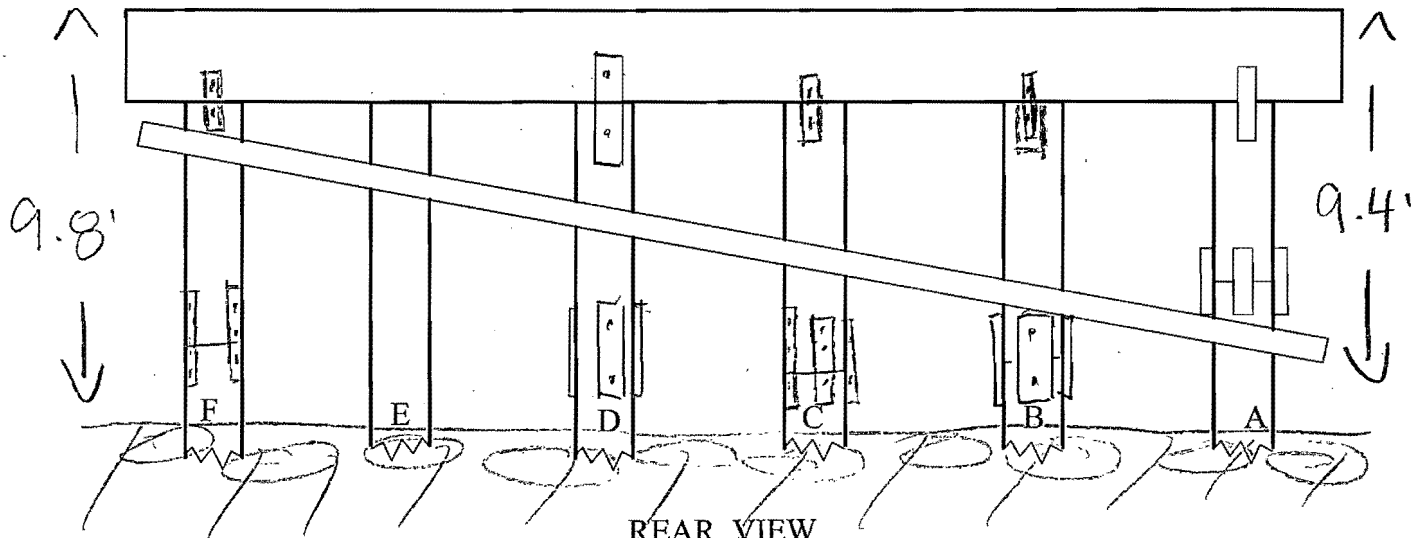
10-02-17

09 -- SR436 -- 0.68
Bridge No. Co. Route Log Mile

BENT. NO. 1 - B



FRONT VIEW

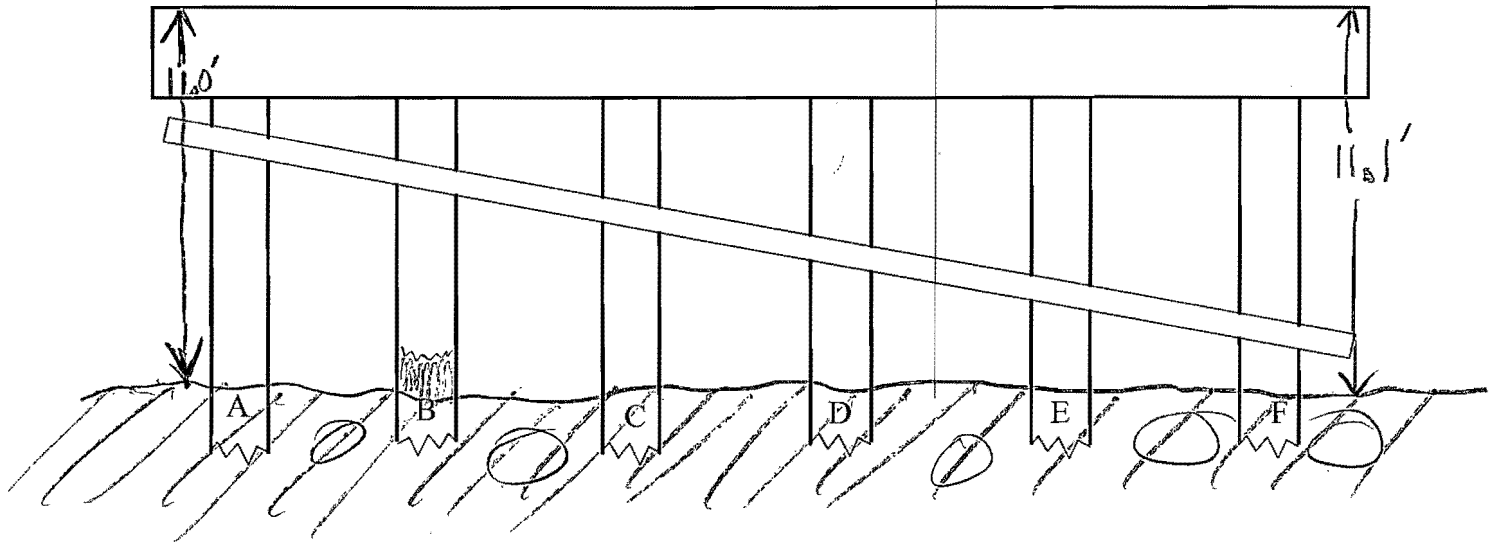


REAR VIEW

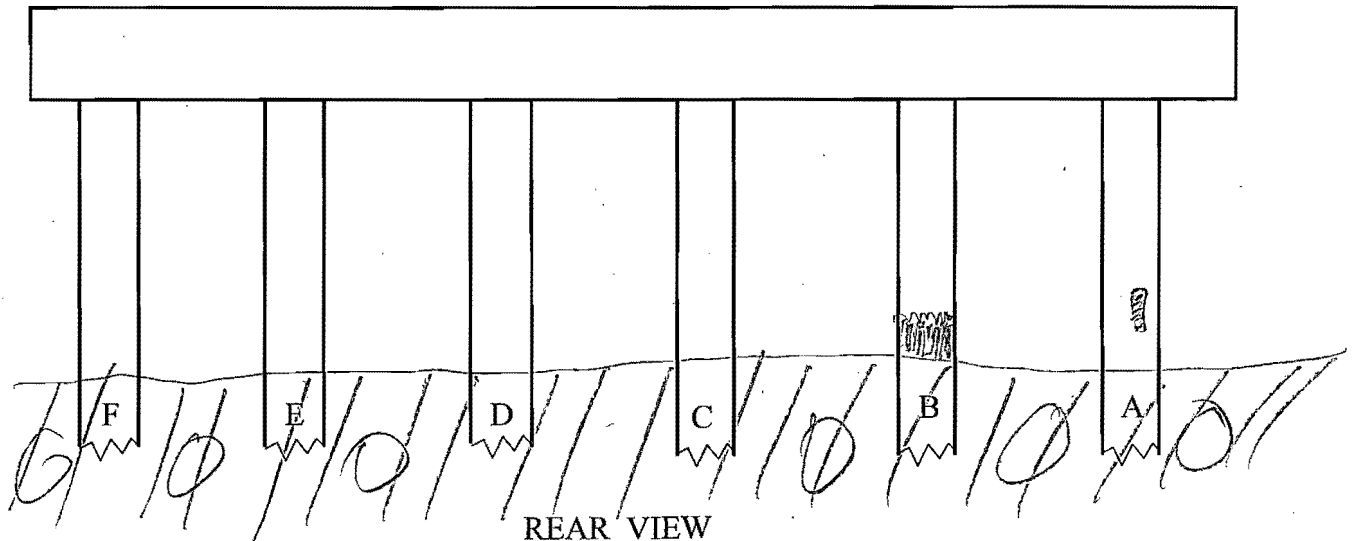
ELEMENT	RATING	COMMENT
CAP	G (F) P C	Light to med. weathering
PILES A	G (F) P C	" "
B	G F P C	
C	G F P C	
D	G F P C	
E	G F P C	
F	G F P C	
RIP - RAP	G (F) P C	
BRACING	G (F) P C	" "

09 -- SR436 -- 0.68
 Bridge No. Co. Route Log Mile

10-02-17
 BENT. NO. 2 - A



FRONT VIEW



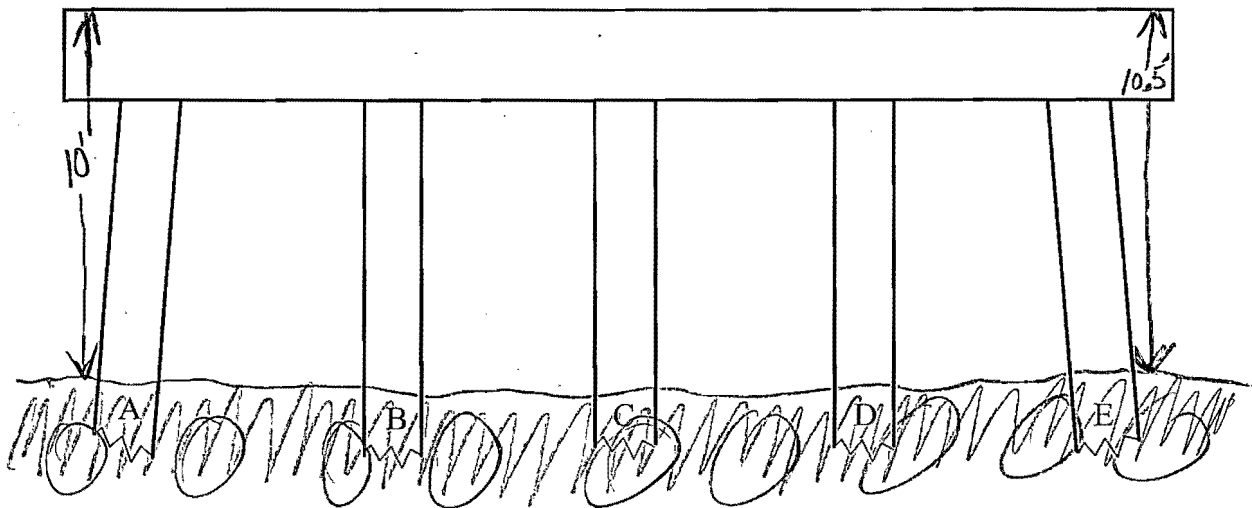
REAR VIEW

ELEMENT	RATING	COMMENT
CAP	G Ⓕ P C	medium weathering
PILES A	G Ⓕ P C	decayed area 18" H x 1" W x 1" D
B	G Ⓕ P C	decayed area 2' H x 1 1/2" D around whole base of pile
C	G Ⓕ P C	medium weathering
D	G Ⓕ P C	light weathering
E	G Ⓕ P C	
F	G Ⓕ P C	
RIP - RAP	Ⓔ F P C	
BRACING	Ⓔ F P C	

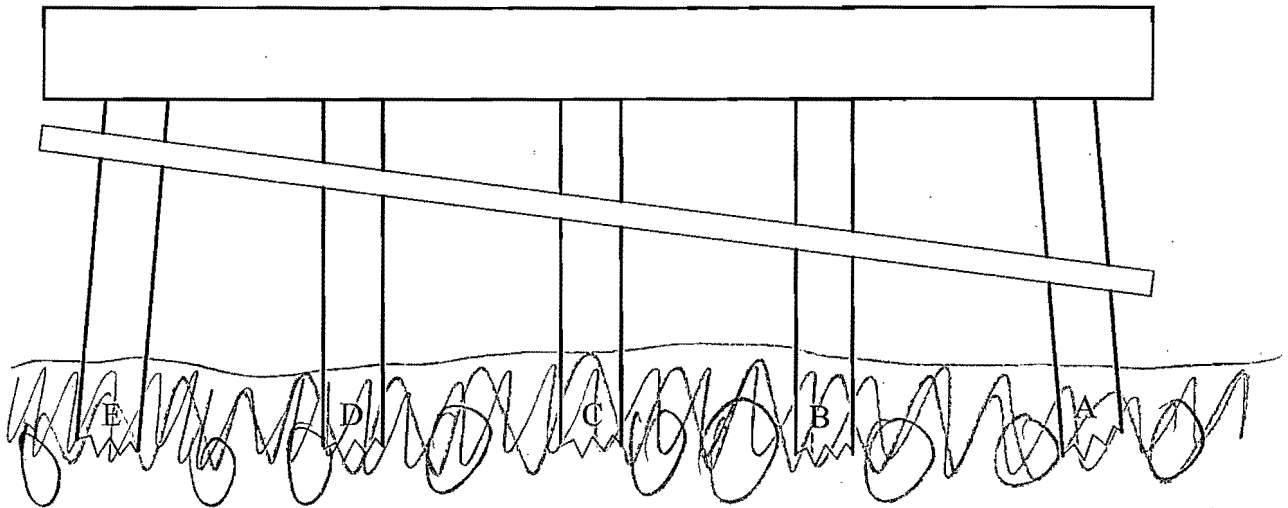
10-02-17

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 Bridge No. Co. Route Log Mile

BENT. NO. 2 - B



FRONT VIEW



REAR VIEW

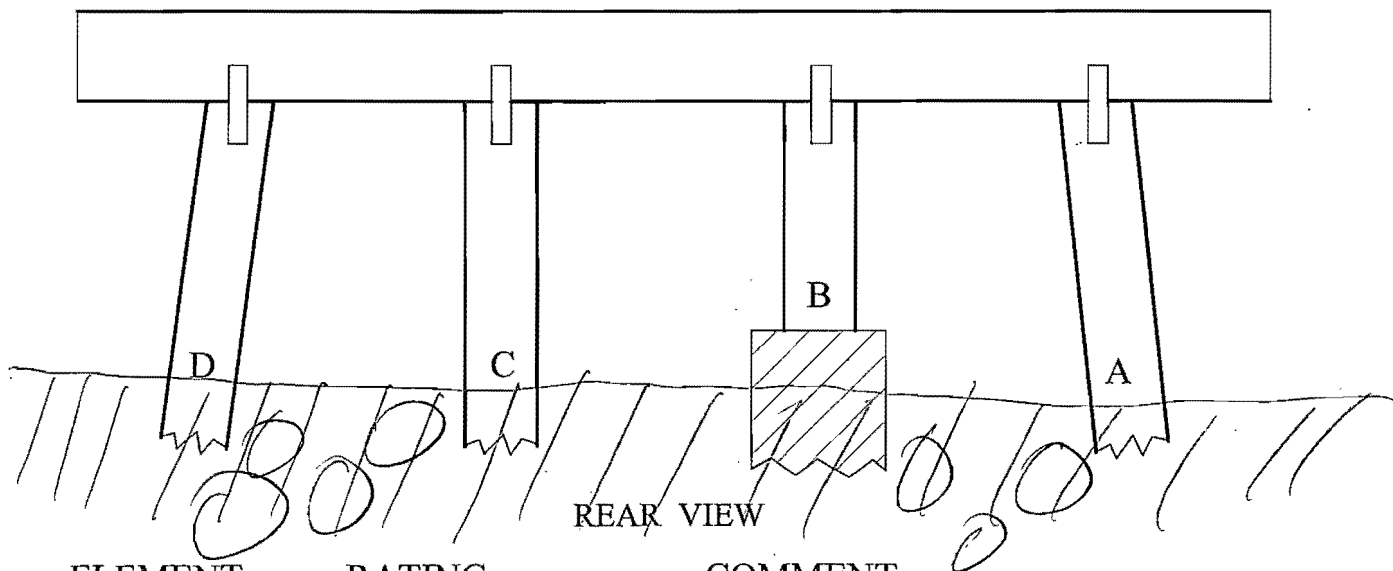
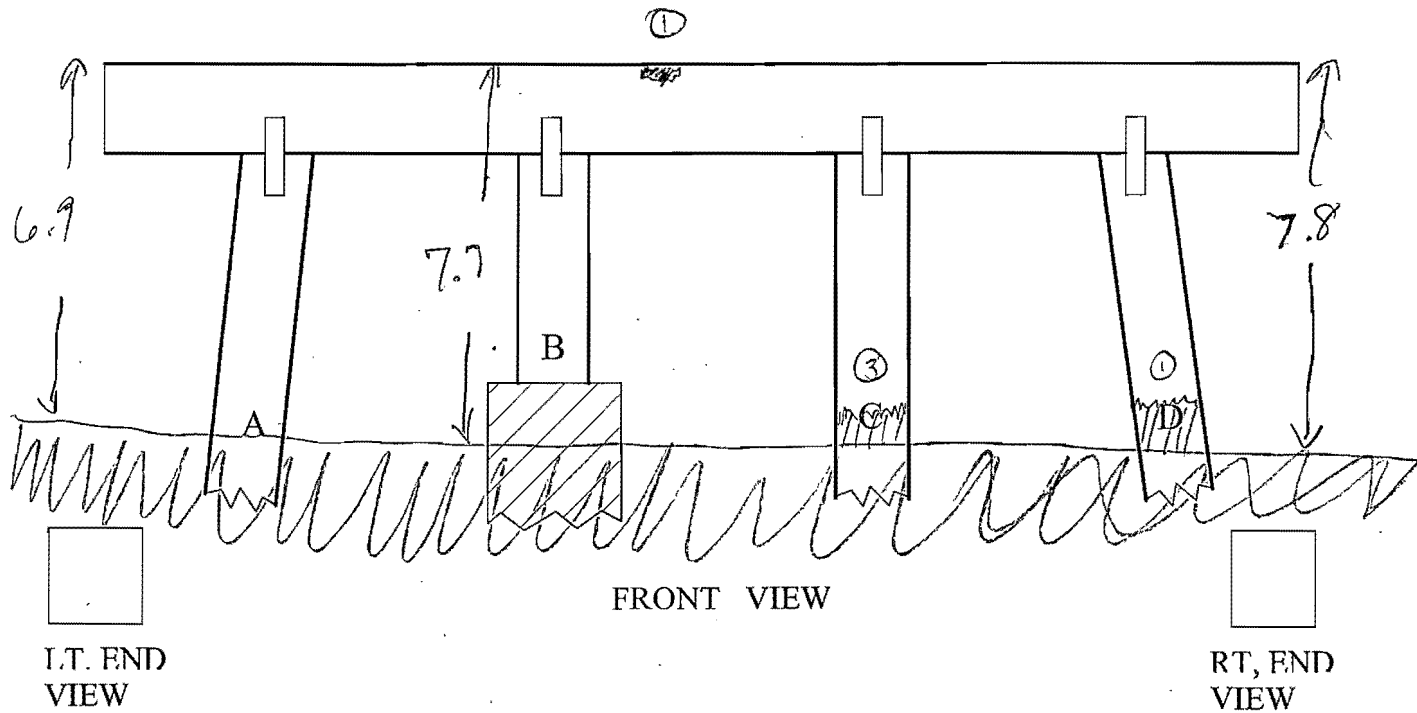
ELEMENT	RATING	COMMENT
CAP	G (F) P C	medium weathering ↓
PILES A	G (F) P C	
B	G (F) P C	
C	G (F) P C	
D	G (F) P C	
E	G (F) P C	
	G F P C	
RIP - RAP	(G) F P C	
BRACING	(G) F P C	

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09 -- SR436 -- 0.68

Bridge No. Co. Route Log Mile

BENT. NO. 3

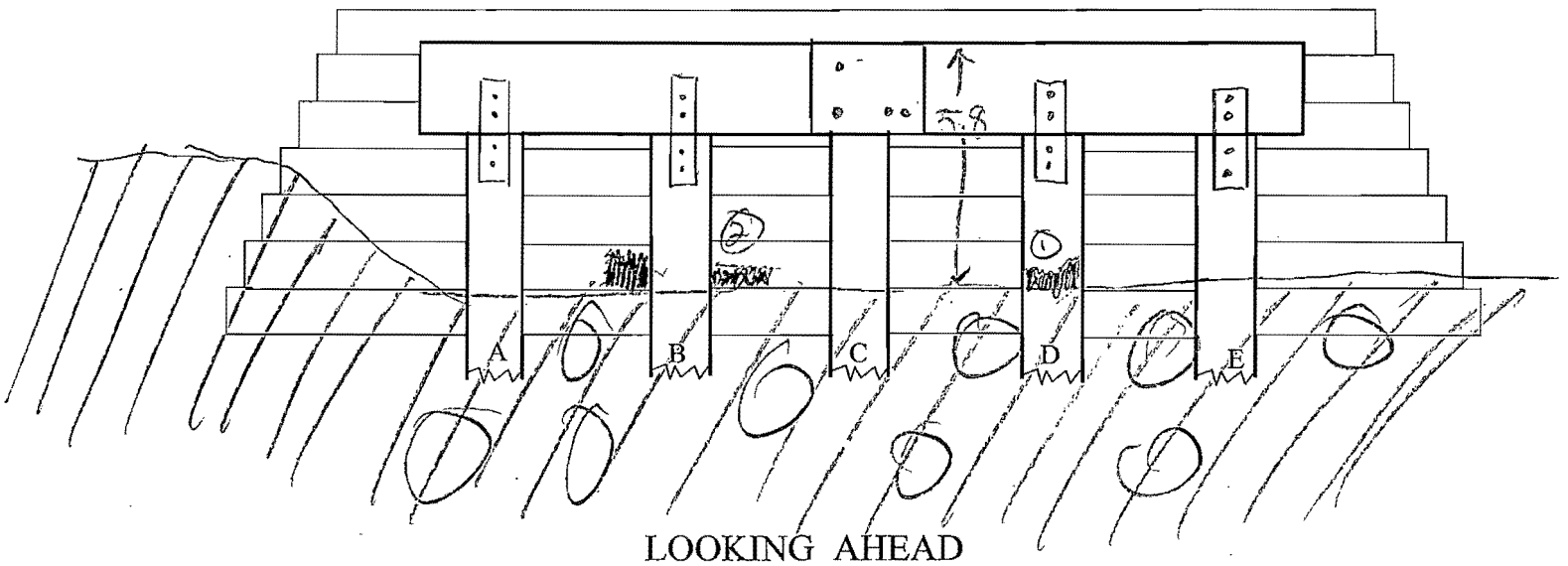


ELEMENT		RATING	COMMENT
CAP		G $\textcircled{F}$ P C	① decayed area 3" W X 2" H X 1" D light weathering
PILES	A	G $\textcircled{F}$ P C	medium weathering
	B	G $\textcircled{F}$ P C	light weathering
	C	G $\textcircled{F}$ P C	③ decayed area 6" H around half of pile 1/2" D
	D	G $\textcircled{F}$ P C	② decayed area up to 1/2" around base of pile up to 1' H
Very		G F $\textcircled{D}$ C	heavy growth
CONC. CASING		G $\textcircled{F}$ P C	
		G F P C	

10-02-17

09 -- SR436 -- 0.68

Bridge No. Co. Route Log Mile

ABUT. NO. 2

ELEMENT	RATING	COMMENT
CAP	G (F) P C	light weathering
WINGS	G (F) P C	Medium weathering
PILES A	G (F) P C	↓
B	G (F) P C	medium weathering
C	G (F) P C	↓
D	G (F) P C	① Decayed area 1" Ø around pile up to 8" H
E	G (F) P C	medium weathering
BREASTWALL	G F (P) C	② decayed area 7' W X 2' H X 2' D
EMB.	(G) F P C	
VEG.	G F (P) C	heavy growth
RIP-RAP	(G) F P C	
	G F P C	
	G F P C	

10-02-17

09S82330001 09 SR436 0068
BRIDGE NO.: CO. ROUTE L.M. L/R

SKEW: 90
No. of Spans: 4
No. of Approach Spans:

Direction of Route



PLAN VIEW

REQUIRED DATA:

1. F = FIXED
E = EXPANSION
2. S = SIMPLE
C = CONTINUOUS SUPPORT

