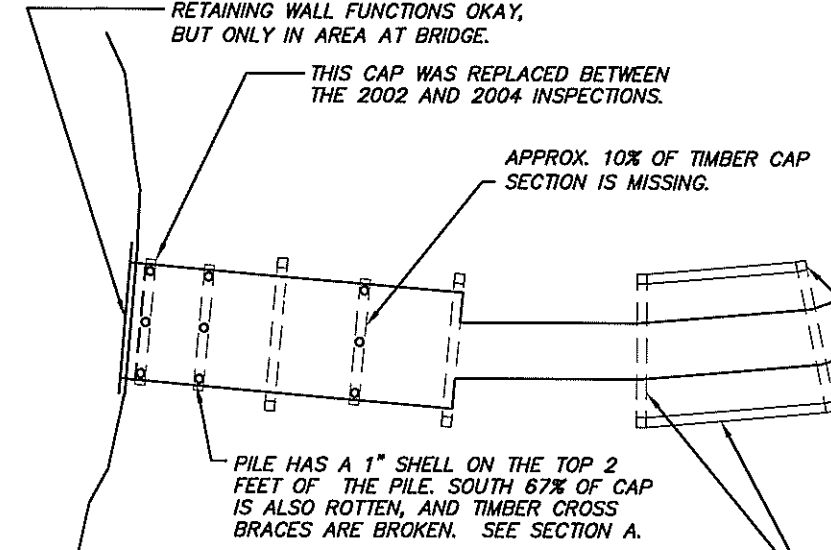


LONGBRANCH WHARF COLUMN SPALLING 2009

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
10	WASH.	N/A	1	1

CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-424-5555
 UTILITIES UNDERGROUND LOCATION CENTER

NORTH COLUMN			SOUTH COLUMN		
BENT	CONCRETE LOSS (%)	LOCATION	BENT	CONCRETE LOSS (%)	LOCATION
3	15	At bottom of knee brace	3	15	At bottom of knee brace
5	10	At bottom of knee brace	5	10	At bottom of knee brace
6	10	Down 5' from cap	6	15	Down 5' from cap
7	50	Down 6' from cap. 2' long. Exposed all around a ~3/4" rusty rebar cage. One bar on west side is slightly bent (buckled).	7	10	Down 5' from cap
8	5	Down 5' from cap	8	5	Down 5' from cap
9	5	At bottom of knee brace	9	10	At bottom of knee brace
10	20	Down 5' from cap	10	30	Down 5' from cap



PLAN VIEW

THERE IS SPALLING OF THE BOTTOM OF PIER CAP WITH EXPOSED RUSTY REBAR. TYPICAL AT ALL PIERS.

THE SOUTH STRINGER "F" IS CONTINUOUS FROM BENT 1 TO BENT 3. THE REMAINING STRINGER ARE SIMPLE SPANS FROM BENT 1 TO BENT 2 AND BENT 2 TO BENT 3.

CAP HAS DROPPED DOWN, DOESN'T SUPPORT STRINGER.

THE SOUTH 1/3 OF THE CAP IS TOTALLY ROTTEN. THE MIDDLE 1/3 IS SOFT.

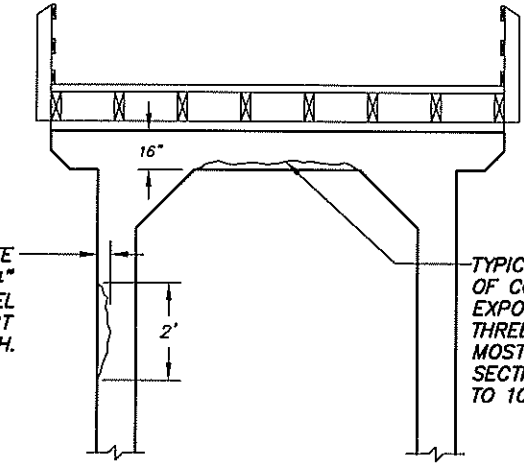
UPPER 2' OF PILING HAS 1" SHELL (DRILLED ON 7-19-00 INSPECTION)

THE DECKING DOES NOT BEAR ON STRINGER "D" AND "E".

THE BOTTOM OF THE CAP IS CRUSHED INTO THE PILE 1".

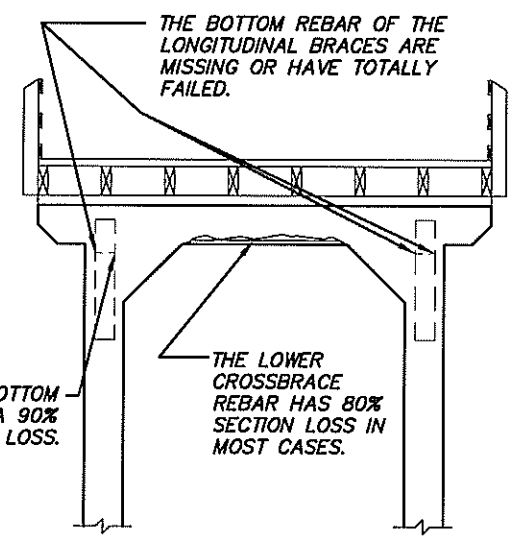
DIAGONAL BRACES LOOSE, BROKEN & ROTTEN, NO LONGER FUNCTION.

SECTION A BENT 2

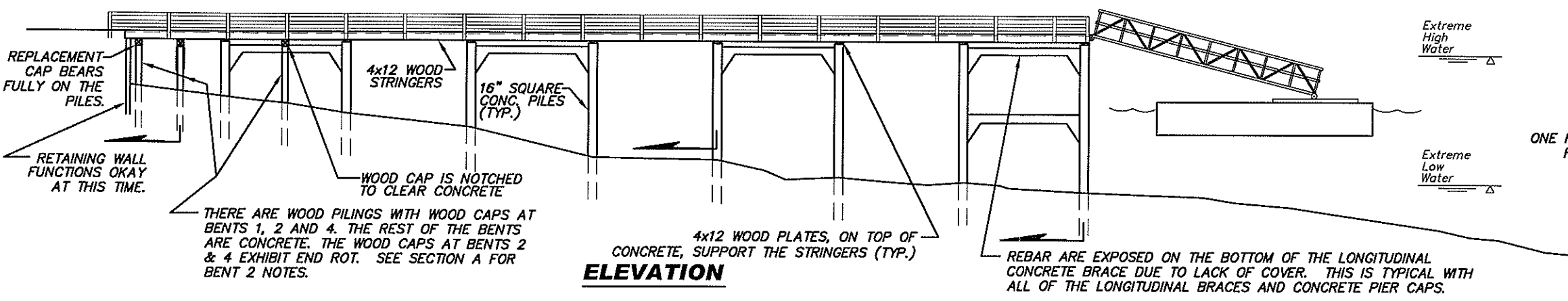


SECTION B BENT 8 (TYP.)

TYPICAL SPALL IN BOTTOM OF CONCRETE CAP WITH EXPOSED RUSTY REBAR. THREE BARS EXPOSED IN MOST CASES. TYPICAL SECTION LOSS IS 80% UP TO 100%.



SECTION C BENT 11



ELEVATION

DRAWING NO.: 23200-A.2009	BOOK NO.: -
DRAWN BY: G. Grelsz	SURVEYED BY: N/A
DESIGNED BY: R. Russom	DATE SURVEYED: -
CHECKED BY: D. Peterson/K. Shand	DATE PLOTTED: JAN. 2010

NO.	DATE	REVISION	BY	APPROVED

Pierce County
 Department of Public Works and Utilities
 Transportation Services
 2702 South 42nd Street, Suite 201
 Tacoma, Washington 98409-7322

INFORMATIONAL DRAWING

Office of County Engineer
 APPROVED BY:
BRIAN D. STACY, P.E.
 COUNTY ENGINEER

**LONGBRANCH WHARF
 WSBS INSPECTIONS
 2009**

**PLAN, PROFILE, & SECTIONS
 BRIDGE #23200-A**

Drawing: K:\BRIDGE\STRUCTURES\BRIDGES-RANGE 1\W23200-A-LONGBRANCH-WHARF\DWG\23200-A.2009.DWG Layout Tab: LAYOUT1
 Xrefs:
 Date: 01/13/2010 Time: 01:03:18 PM Plotted by: RRUSOM

