

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

DISTRICT NO. 3 HOPE, ARKANSAS

November 25, 1992

MEMORANDUM

TO: Mr. Veral Pinkerton, Bridge Engineer
FROM: W. E. Tyler, District Engineer, District No. 3
SUBJECT: BRIDGE CAP CONSTRUCTION

We have found in many of our bridge inspections that steel pilings are showing deterioration where they are connected to the cap. It appears that water is draining down the cap, under the cap, and collecting at the junction of the cap and steel piling.

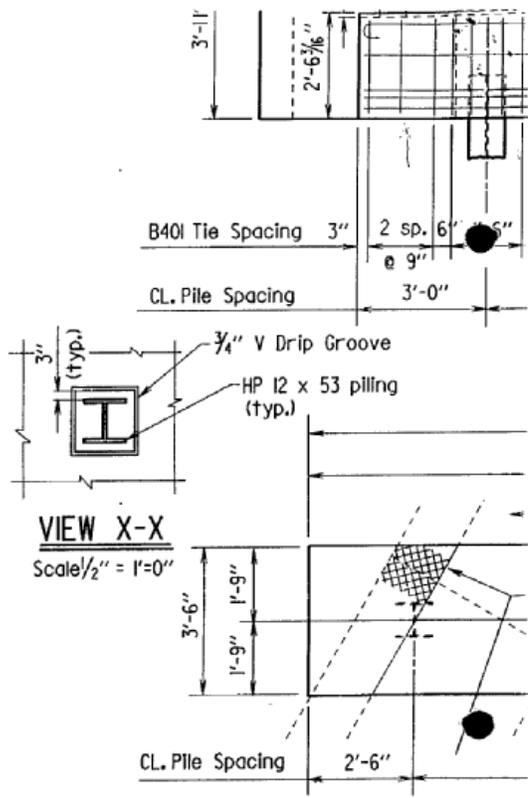
It is suggested that a drip groove be constructed on the bottom of the cap between the edge of the cap and the piling.

This could possibly reduce the deterioration.

W. E. Tyler
District Engineer

WET/sm

Handwritten: Let's try this! VP



2 Layers of 45 # Roofing Felt 8" x 7"
 under ends of all of the Units (Above
 an addn'l. layer covering full width of Cap)