

INTEROFFICE MEMORANDUM

DATE: July 24, 1985

TO: BRIDGE DESIGN PERSONNEL
FROM: Frank Harrison, Assistant Bridge Engineer
SUBJECT: Steel H-Pile Points

In the future when calling for special end protection for steel piles specify, "Hard-Bite HP77600 H-Pile Points manufactured by Associated Pipe and Fitting Corporation, Versa-Bite 300 P Rock Duty Series H-Pile Points manufactured by Versa-Steel, Inc. or equal as approved by the Bridge Engineer.

FH/tw
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 ACCESSORIES FOR H-PILES

<p>PRUYN POINT HP 75800 provides for easy penetration, then large contact area on rock with minimum weight and cost.</p>	
	<p>PRUYN POINT HP 75750 is the pile saver. It meets code requirements at minimum cost. Contractors put it on all soldier-piles.</p>
<p>PRUYN POINT HP 75500 has a heavy, square tip for maximum pile protection and bearing area. With a center shaft this becomes model HP 80500, planned for cutting into sloping rock.</p>	
	<p>HARD-BITE 77750 has a thin but tough configuration for breaking through dense strata to reach desired bearing material. HARD-BITE points have cutting teeth with special hardening on tips.</p>
<p>HARD-BITE 77600 has teeth on metal thickened under the flange and web of the pile for broader bearing on rock.</p>	
<p>CAST STEEL POINTS The single-piece APF point protects the entire end of the pile as a unit. Flange bending and ripping is prevented. End crippling has little chance to start. Driving on APF cast-steel points is in compression so joining is not dependent on welds. In contrast, plates and angles depend completely on welds, with driving in shear.</p>	