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# Dry Fire Hydrants

6-inch DFH with  
Lowering System  
Hyattstown, Maryland



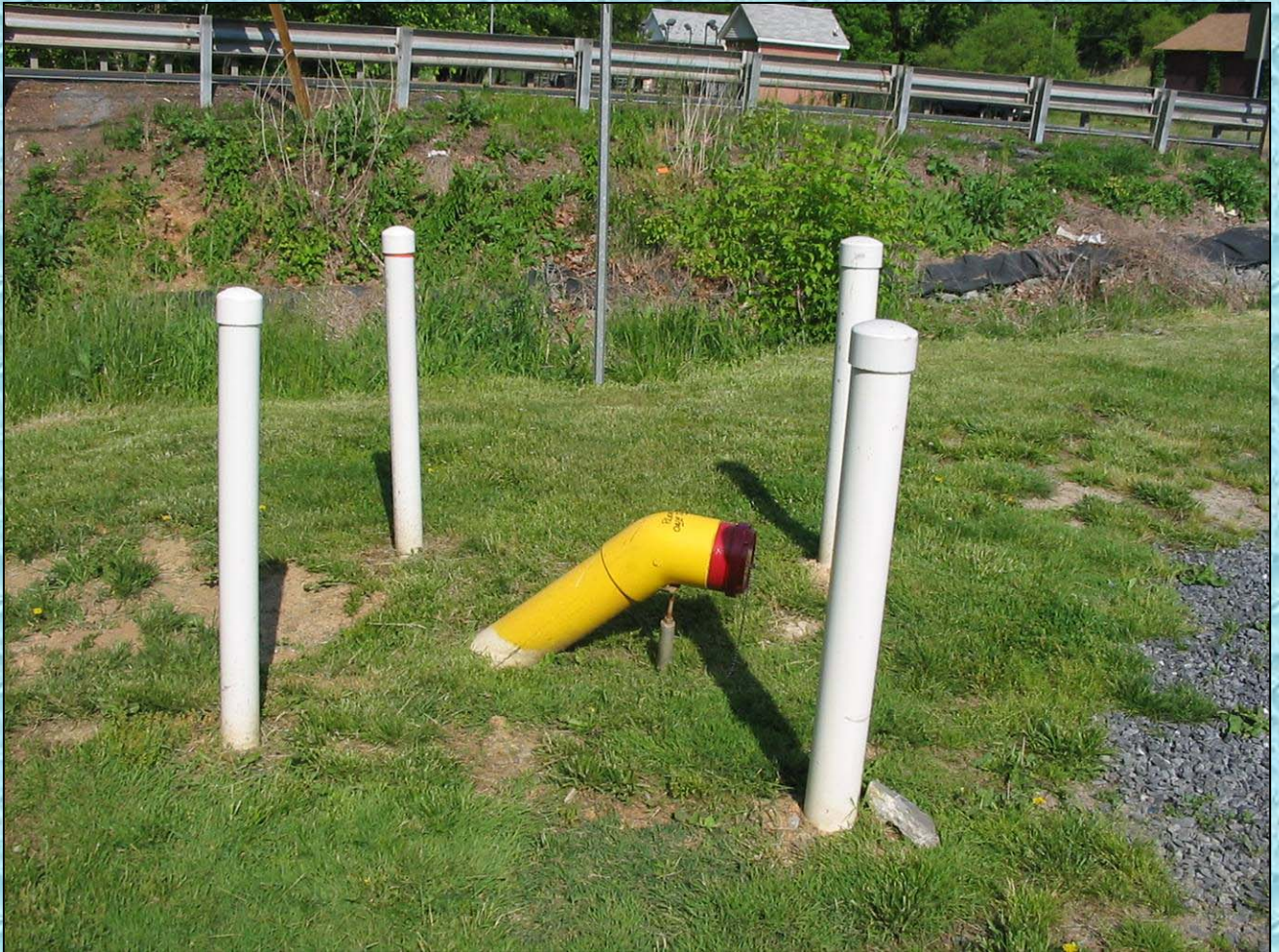
# Good Access to Water



This drafting site sits next to the Hyattstown VFD and is the primary fire protection water supply source for the local community's historic district.



# 45° Elbow to Reduce Loss



Because of the long run of pipe, a 45° degree elbow was used to help reduce the friction loss in the DFH.



# No Permit Required

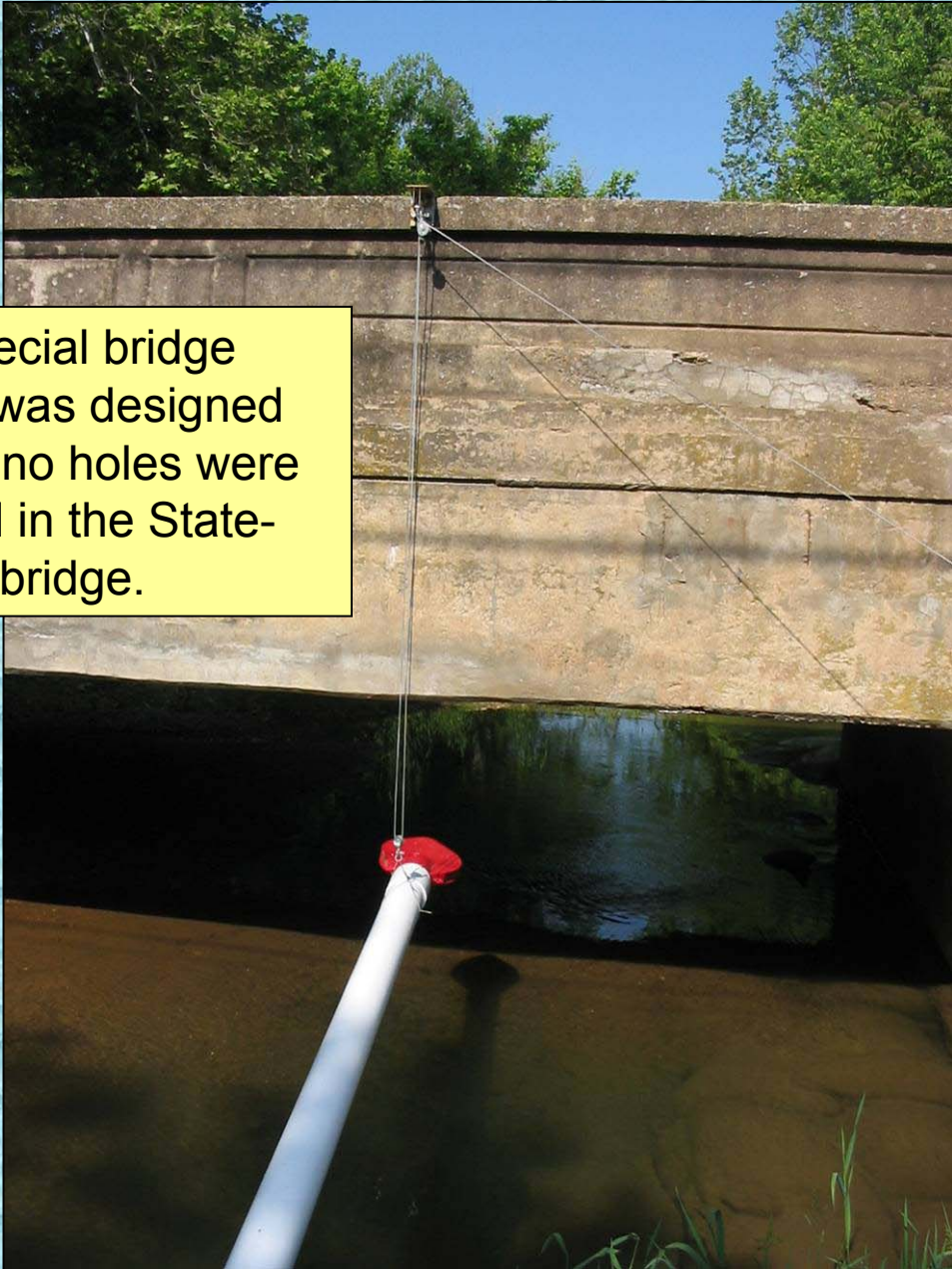


The original design of this DFH had it permanently fixed in the stream – but permitting became an issue and the DFH had to be redesigned.



# No Drilling Required

The special bridge mount was designed so that no holes were needed in the State-owned bridge.

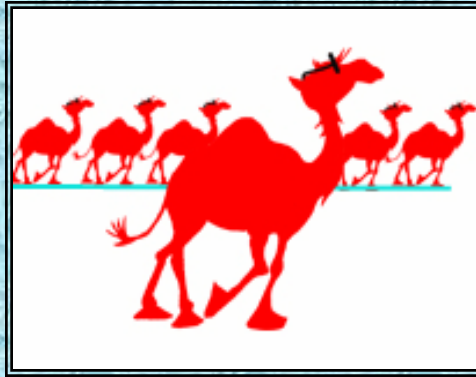




# Facts & Figures...

- This DFH was designed and installed by Greg Dods of GBW Associates, LLC.
- The DFH is constructed of 6-inch PVC pipe and uses all Kochek fittings: a 6-inch NST suction head, a swivel, and a teardrop strainer.
- The hoisting system was specially designed to raise and lower the strainer based upon water level and DFH use.
- The installation performance test resulted in a flow of just over 1000 gpm.
- The cost of this installation was funded through a State grant.





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