TYPICAL STREAM STABILIZATION FOR NON-PIER AERIAL CROSSINGS

**NOTES:**
1) ENTRIE RUN FROM MANHOLE TO MANHOLE SHALL BE DUCTILE IRON PIPE.
2) RIPRAP SHALL BE SIZED BY THE ENGINEER.
3) GRAVEL, SMALL STONES AND FINES SHALL NOT BE USED.
4) WHEN 6 FEET OF COVER BEYOND THE CHANNEL CANNOT BE ACHIEVED ON BOTH SIDES OF THE STREAM, A STEEL ENCASEMENT PIPE SHALL BE USED. JOINT SHALL BE WITHIN THE CASING AND CASING SHALL EXTEND 2 FEET BEYOND THE CONCRETE COLLAR.
5) BOTTOM OF PIPE MUST BE A MINIMUM OF 24 INCHES ABOVE NORMAL WATER LEVEL BUT NO LOWER THAN THE 25-YEAR FLOOD ELEVATION.

*DHWM = ORDINARY HIGH WATER MARK*