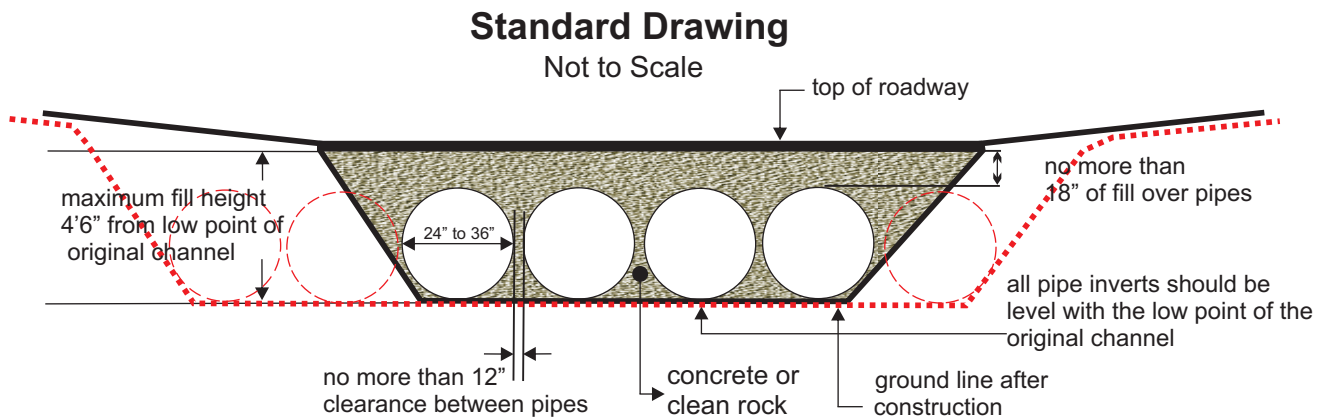


## Guidelines for Low Water Crossing

1. There shall be a maximum fill height of four and one-half (4½) feet measured from the channel bottom to the top of the proposed crossing.
2. The pipes used for the proposed crossing shall not be less than 24" in diameter or more than 36" in diameter.
3. There shall not be more than one (1) foot spacing between the pipes measured between the outside edges of the pipes.
4. As many pipes as possible shall be placed within the stream banks.
5. Fill material used to cover the pipes shall be composed entirely of clean rock or concrete. No soil shall be allowed in the fill.
6. All pipes shall be laid flush with the bottom of the stream channel.
7. The maximum cover over the top of the pipe shall not be greater than eighteen (18) inches.



### Notes:

1. This is a conceptual drawing. The number and size of pipes and other details will vary depending on specific site conditions.
2. The pipes and backfill must be contained within the stream channel as shown above. During the construction of the approaches and access roadway across the floodplain, unstable and unconsolidated materials unsuitable for roadways may be excavated and replaced with riprap, crushed stone, or other stable road construction materials. This may only be done, however, with the following provisions: (1) the disposal of excess, unconsolidated materials thus excavated must be outside of the floodplain and (2) the finished surface of the completed road may be no more than three inches (3") above the pre-construction surface of the floodplain at any point beyond the top of banks.