

**Phase 2: Determine the cause of the failure and decide measures to enact to prevent that same type of failure.**

Now that you've put out that fire, it's time to evaluate the major causes of the asset failure and determine what action you can take to prevent or mitigate future failures. If your asset failed unexpectedly, you can use the categories below to guide your asset autopsy, and determine what the likely causes were, and what types of intervention could have forestalled the failure. For this phase, assume the asset was NOT abandoned and you either repaired, replaced, rehabilitated or redesigned that failed asset. If you are reviewing an asset that has recently failed ask yourself the question "are there similar assets that are likely to be in similar condition?" If the answer is yes, you can apply the insights gained from your post failure analysis to those similar assets and potentially stave off further unexpected failures.

If you can't definitively say which factors contributed to your asset failure, resources are available to help you with such determinations. The available resources are listed at the bottom of this page.

Even if an asset has not failed, you can use this framework to review O&M and monitoring activities related to your crucial assets.

