

Individual Location (5 or less location)

Ladder Mount

Description

At NCP Bay City wet cast box culverts are poured outside. Box culverts are built and poured rain, sleet, or shine. Parts of the box building process creates the need for employees to access the top of the box forms. Ladders are used to gain access to the top of the box forms. During wet and/or snowy conditions it can be quite difficult to ensure you have a good base for the ladder to be placed on. Because of the design of the box forms, it is difficult to tie off ladders used to climb onto the box form.

The mount is a simple, easy to install system that ensures ladders will not slide out and will always be placed at the proper angle. There are two brackets mounted to the box form, two securement arms and a pin that runs through one of the ladder rungs. The ladder mount is secured to the ladder with pins.

Project Initiation

Working in wet and snowy conditions contributed to near misses caused from ladders slipping and employees almost falling.

Project Benefits

With the ladder mounted to the box form, the ladders have no way to slip away from the box forms, removing fall risk generated for unstable ladders. Ladders are also always set at the proper angle.

