

LATERAL PRESSURES BENEFIT RCP REACTION TO VERTICAL LOADS

- LATERAL PRESSURES PRODUCE BENDING MOMENTS IN THE PIPE WALL THAT ARE OPPOSITE IN DIRECTION TO THOSE PRODUCED BY VERTICAL LOADS.
- THEREFORE, EVERY POUND OF LATERAL PRESSURE THAT CAN RELIABLY BE BROUGHT TO BEAR AGAINST THE SIDES OF A PIPE INCREASES ITS CAPACITY TO CARRY VERTICAL LOAD ABOUT ONE FOR ONE.

