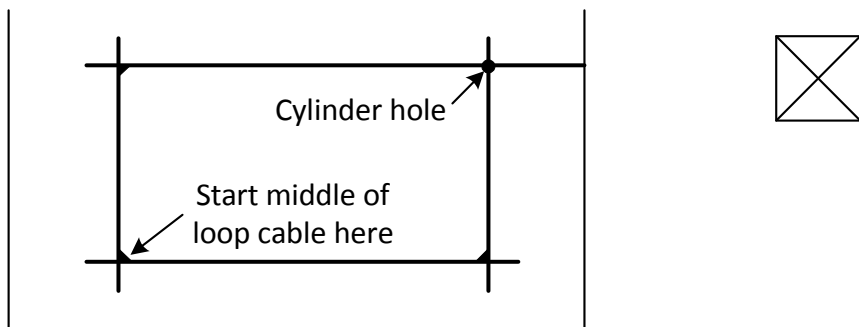
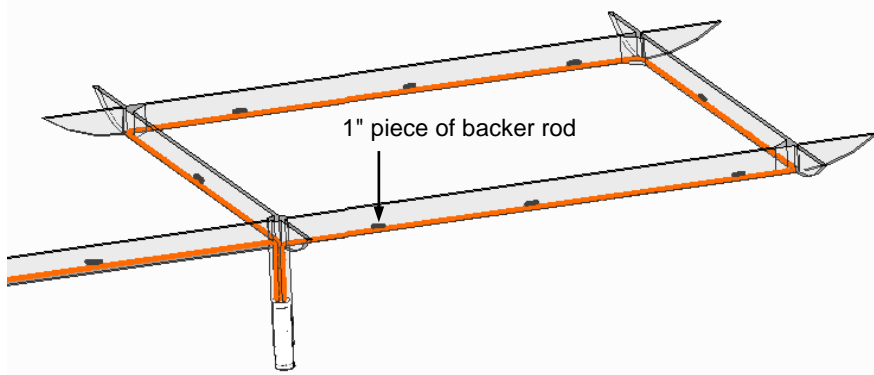


12. Install the middle of the loop cable into the corner opposite the cylinder hole.



13. Install the loop cable back to the cylinder hole. Use a wood stick or roller to insert the wire to the bottom of the saw slot (**do not use sharp objects**). There should be an equal amount of loop cable on each side of the loop as you approach the cylinder. If not, slide the loop cable in the saw slot to match the cable lengths. The loop cable should have equal lengths when the splice enclosure is inserted in the cylinder hole.
14. The loop/lead-in cables must be in the bottom of the slot. 1" pieces of backer rod every 1 to 2 feet can be used to secure the loop/lead-in cables.



15. Apply the sealant. The sealant selected should have good adhering properties with contraction and expansion characteristics similar to those of the pavement material.



Engineering Excellence!

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PLB Preformed Loop Installation Instructions

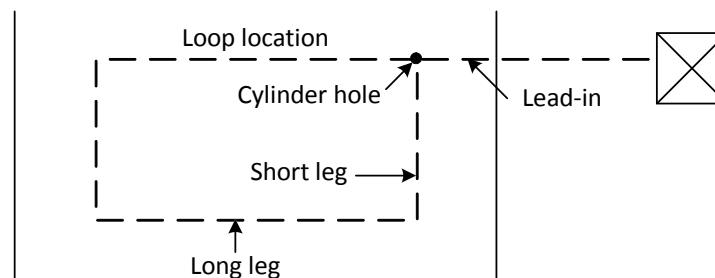
Tools Required:

1. Pavement saw with 1/4 inch blade
2. Hammer drill with 1 inch core bore drill bit
3. Tape measure
4. A marking crayon or four concrete nails and hammer
5. Chalk line. If wet cutting, a spray can of clear seal will protect the snapped chalk lines
6. Chisel

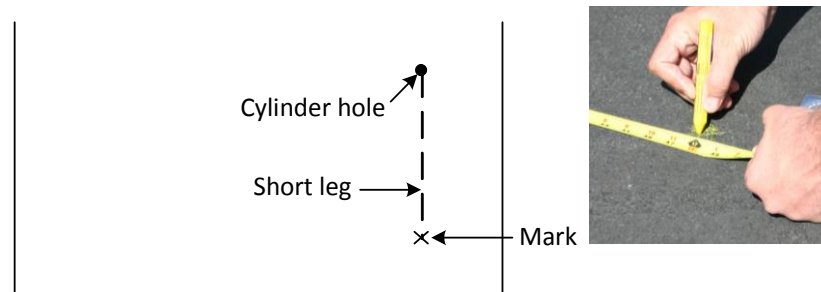
Important:

The PLB Preformed Loop has 6-inches of extra cable added to the ordered loop perimeter. The extra cable will be inserted into the cylinder hole to compensate for variations in the length of the saw cuts. For example: A 6' x 4' loop with 25' lead-in would be ordered as a PLB-20-25. The 20' loop perimeter will have an extra 6-inches of cable added to the loop perimeter. Use the ordered loop perimeter to layout the loop.

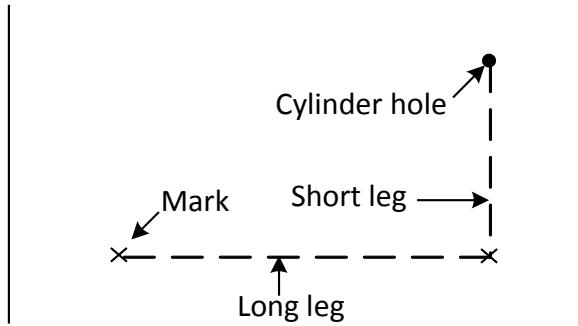
1. Identify and mark where the cylinder will be located.



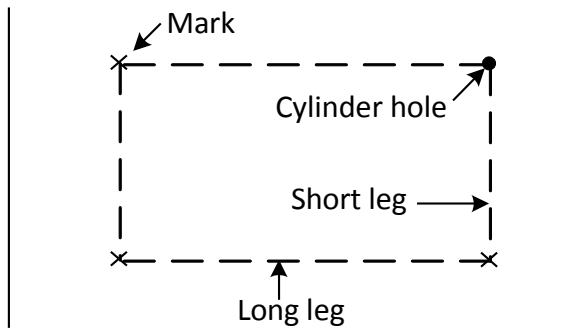
2. Measure and mark the short leg of the loop.



- Measure the long leg of the loop and mark the length.



- Measure and mark the second short leg of the loop. The second long leg of the loop should equal the first long leg.



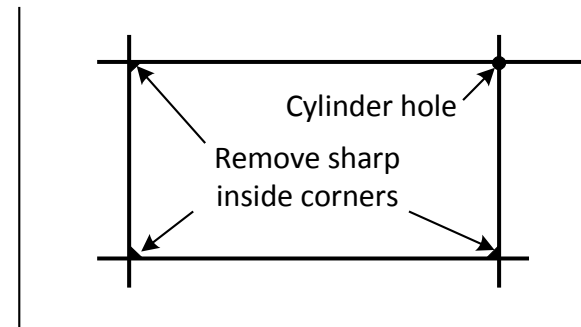
- Use the corner marks to snap chalk lines. Spray chalk line with clear spray to protect from water.



- Using a 1 inch core bore drill bit, drill the cylinder hole 11 inches deep.



- Saw cut the four legs of the loop to a minimum depth of 1.5 inches with a 1/4 inch saw blade.
- Saw cut the lead-in slots to a minimum depth of 1.5 inches.
- Remove sharp inside corners with chisel.



- Thoroughly clean the entire length of the saw cut slots using compressed air, vacuum, etc. Check that the bottom of the slot is smooth and clean.
- Starting at the splice cylinder hold the two loop cables together and slide together to find the middle of the loop cable.

