

## **INSTRUCTIONS FOR INSTALLING A BASE CAN EXTENSION IN A ONE PIECE BASE CAN**

1. Prior to beginning the AC overlay, run a string line from curb to curb so that the string falls directly over the center of each fixture. Do this for each run of fixtures. Carefully mark the top of curb and face of curb where the string line touches the curb. Recommend spray paint over the string so the point is as precise as possible.
2. Mark a point on each curb from which you will measure the distances to the fixtures.
3. From that point carefully measure the distance to the exact center of each fixture and record the distance.
4. When that has been completed, remove and disconnect each fixture and store them in a safe place.
5. Replace the fixture with the plywood base can cover and begin the paving project.
6. When the paving project has been completed, use the measurements recorded earlier to locate the exact center of each fixture and mark that spot on the pavement.
7. Using a piece of string 4-1/4" long from the center of the fixture draw a circle indicating the location of each fixture.
8. When that's completed, using a chisel and three pound ball, begin to chip out the asphalt from the center of the circle outward until the top of the mud dam on the top of the base can is completely exposed.
9. Remove the plywood covers and store them in a safe place for future use.
10. Inspect the interior of the base can and clean out all debris. Take special care that the surface of the base can flange is completely clean and free of any obstructions.
11. Inspect the wiring inside the base can to insure the connector is clean, the splices are still good and there is no apparent damage to any of the wire. If there is any damage, repair or replace the damage.
12. Place the new base can extension inside the existing mud ring on top of the flange. Align it with the holes in the base can and secure it with the bolts provided. This can be done from the top down or the bottom up, depending on the depth of the extension. Use bolt holes that do not conflict with the fixture mounting holes.
13. After securing the base can extension to the base can, replace the plywood cover and bolt it in place.
14. Fill in the area around the base can extension mud dam with asphalt or epoxy to secure it to the roadway and finish off the surface.
15. Remove the plywood cover and store in a safe place for future use.
16. Plug the fixture into the connector in the base can and secure it to the base can extension with the bolts provided. Be sure it tight to the base can.