1. LEAD WIRES TWISTED MINIMUM OF 3 TURNS PER FOOT.

2. DRILL HOLE 1'-6" FROM EDGE OF SHOULDER TO 1'-6" INTO PAVED JUNCTION BOX AND SHOULDER SURFACE.

3. 1" RMC CONDUIT RUN BETWEEN JUNCTION BOX AND SHOULDER SURFACE.

4. INSTALL JUNCTION BOX AT ROAD EDGE FOR CONNECTIONS TO ROADWAY DEVICES.

5. MAKE ALL CONNECTIONS BETWEEN LEAD WIRES AND LOOP ROADWAY DEVICES TO FEEDER CABLE.

NOTES:

- SENSOR LEAD CABLE SEALED INTO ROAD SURFACE BY CHISEL WITH CONCRETE SAW.
- WET CUTTING 2 PASSES
- SLOT MADE BY ANGLE GRINDER OR BELT SANDER.
- WHEN ENCAPSULATION MATERIAL IS FULLY CURED, GRIND FLUSH WITH ROAD SURFACE USING AN ANGLE GRINDER OR BELT SANDER.
- INSTALL TEMPERATURE SENSOR IN SHOULDER PER MANUFACTURER'S RECOMMENDATION. SUPPLY ONE TEMPERATURE SENSOR PER WIM COMPUTER.
- INSTALL PIEZO SENSORS A MINIMUM OF 2 FEET FROM CRACKS, JOINTS, OR SAWCUTS WHEN ALTERED TO SUIT SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATION.
- ACTUAL SENSOR SPACING MAY BE SIMILARLY DESIGNATED LOOPS IN THE OPPOSITE DIRECTION BY LANE STARTING IN THE RIGHT MOST LANE VARIOUSLY CALLED SLOW, SHOULDER, OR TRAVEL LANE), LOOP "B" AS THE TRAILING (SECOND) LOOP IN THE SAME LANE AND LOOP "C" AS THE THIRD LOOP IN THE SAME LANE.
- IDENTIFY LOOPS IN GROUPS, WITH THE LEADING LOOP IN THE DIRECTION OF TRAVEL ALWAYS IDENTIFIED BY THE FIRST LETTER IN THE GROUP. ASSIGN THE GROUPS BY LANE ACROSS ROADWAY, TOWARD THE DIVIDER OR MEDIAN.
- LOOP IN THE SAME LANE AND LOOP "C" AS THE THIRD LOOP IN THE SAME LANE.
- IDENTIFY LOOPS WITH DURABLE IDENTIFICATION TAGS ON EACH LOOP LEAD PAIR. AFFIX LETTERS AS IDENTIFICATION OF TRAFFIC MONITORING LOOPS.
- LOOP "B" AS THE TRAILING (SECOND) LOOP IN THE SAME LANE AND LOOP "C" AS THE THIRD LOOP IN THE SAME LANE.
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