NOTES:

1. The contractor shall install one detector loop in each lane. The loop shall be aligned in the center of the lane and perpendicular to the roadway centerline. On all installations of Traffic Counters, the contractor shall install the loops in the pavement, including all connections to the pull boxes. Each loop shall use stranded copper #14 3-WIRE HOPE polyethylene insulated conductor conforming to ASTM B-1, "Traffic Signal Cable." Each loop shall consist of 3 turns of wire and shall be a continuous run from the loop to the pull box.

2. If new pavement is being installed at the proposed location of detector loops the loops shall be installed under the non-structural riding course (GRAC-FC, Chip Seal, or Slurry Seal). The saw cut depths shall be adjusted according to assure a minimum of 1-1/2 inches of cover (pavement surface plus sealed saw cut). The maximum allowable cover shall not exceed 3 inches.

SECTION B-B

WINDING DIAGRAM

NOT TO SCALE